



April 18, 2007

241.055.01.006

Mr. Barney Chan
Alameda County Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**REQUEST FOR EXTENSION
TOXICS CASE RO0002799 & GLOBAL ID SLT2O05561
GARRETT FREIGHT LINES/BAY CENTER
64TH & LACOSTE
EMERYVILLE, CALIFORNIA**

Dear Mr. Chan:

On behalf of EmeryBay Commercial Association and in response to your letter dated April 10, 2007¹, PES Environmental, Inc. requests that the date of the requested submittal be moved to June 30, 2007.

Very truly yours,

PES ENVIRONMENTAL, INC.

Carl J. Michelsen, C.HG.
Principal Geochemist

cc: Ms. Cathy Greenwold - EmeryBay Commercial Association

¹ Letter from Barney Chan, Alameda County Environmental Health Services to Cathy Greenwold, EmeryBay Commercial Association. *Toxics Case RO0002799 & Global ID SLT2O05561, Garrett Freight Lines/Bay Center, 64th & LaCoste, Emeryville, CA 94608. April 10, 2007.*

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

April 10, 2007

Ms. Cathy Greenwold
EmeryBay Commercial Association
100 Bush St., 26th Floor
San Francisco, CA 94104

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

Dear Ms. Greenwold:

Subject: Toxics Case RO0002799 & Global ID SLT2O05561, Garrett Freight Lines / Bay Center, 64th & LaCoste, Emeryville, CA 94608

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the subject site including the March 7, 2007 Notification of Soil Excavation Jamba Juice Tenant Improvement Project and the March 30, 2007 Construction Implementation and Semi-Annual Operations Report Free-Phase Hydrocarbon Product Remediation System reports prepared by PES Environmental. We have also spoke with consultants representing prospective buyers of Phase II and the office buildings of this site. They have inquired about the pathway to closure and the potential separation of parcels for this site. The County is not prepared to properly address these questions because we do not have all the reports for this site and only recently was the County requested to solely oversee the site by the Water Board. We request that you provide electronic copies of all historic reports to the County website. Please include copies of the parcel maps, which indicate the tracts referenced in your deed restriction. Please also explain whether it is possible to separate the parcels into separate sites.

TECHNICAL REPORT REQUEST

Please submit the following technical reports according to the following schedule:

- May 11, 2007- Reports of all historical reports and communications. Please refer to Appendix A Environmental Document List in PES March 7, 2007 Jamba Juice Tenant Improvement Project report, et al
- May 11, 2007- Parcel maps & discussion of potential for parcel separation

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests,

regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos
Mr. Carl Michelsen, PES Environmental, Inc., 1682 Novato Blvd., Suite 100,
Novato, CA 94947-7021

4_10_07 R02799

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

January 9, 2006

Ms. Cathy Greenwold
EmeryBay Commercial Association
100 Bush St., 26th Floor
San Francisco, CA 94104

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

Dear Ms. Greenwold:

Subject: Toxics Case # [REDACTED], Garrett Freight Lines / Bay Center, 64th & LaCoste, Emeryville, CA 94608

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the subject site and met with PES Environmental to discuss their *March 7, 2005 Free-Phase Hydrocarbon Product Remediation Plan EmeryBay Commercial Association Christie Avenue and 64th Street Emeryville, California* work plan. It appears that both the San Francisco Regional Water Quality Control Board (SFRWQCB) and our office have had oversight of this site in the past and currently our office has been delegated sole oversight. At one time there were twelve (12) underground storage tanks on the property known as Garrett Freight Lines, which was bordered by LaCoste, Bay, 64th and 65th Streets in Emeryville. The tanks were removed, contamination was observed, some groundwater remediation occurred, as did several subsurface investigations, which involved monitoring well and temporary boring installations. Ultimately, the Bay Center Apartments, Phase I and Phase II and office buildings were built on the site. The status of the environmental investigation appears to be still in question at this time. Minimally, free petroleum product is known to exist near the former tank pit beneath Bay Center Apartments Phase I. The referenced PES remediation plan intention is to address this issue. The proposal, which is modified from the March 7, 2005 plan, proposes the installation of three (3) product collection and recovery trenches each with three sumps for free product removal. Initially, free product will be removed manually, but the extraction system will be capable of being modified to accommodate automated aggressive free product removal, as needed. Our office approves the remediation plan and considers this work as interim remedial action.

We believe that after this remediation has started, you should address what is required to progress this site towards case closure. A first step towards this would be preparing a site summary that documents the history of work, which has occurred and then meeting for discussion. Please contact our office to set up such a meeting.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program

ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

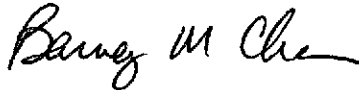
PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

Ms. Cathy Greenwold
January 9, 2006
Page 3 of 3

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: files, D. Drogos

Mr. Carl Michelsen, PES Environmental, Inc., 1682 Novato Blvd., Suite 100,
Novato, CA 94947-7021

1_9_06 R02799



TRANSMITTAL COPY

To: Finance Department
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

cc: Donna Dragos

Date: November 28, 2005

PES Project: 241.055.01.005

Subject: Fee for Service Deposit
Former Garrett Freight Lines, Emeryville; R02799
Bay Center Apartments I

From: Carl Michelsen *CM*

- We Are Sending You:**
- Attached
 - Under Separate Cover
 - Plans/Specifications
 - Copies
 - Originals

Quantity	Description
1	Fee For Service Deposit

REMARKS:

On behalf of the EmeryBay Commercial Association, enclosed is a check for \$6,000 as a deposit for oversight of planned remediation efforts at the Bay Center Apartments 1. This site is also known as the Former Garrett Freight Lines located at 64th Street/La Coste or 6425 Christie Avenue (ACDEH Case # R02799).

Thanks,
 Carl Michelsen

Alameda County
 NOV 30 2005
 Environmental Health

January 27, 1992

Ms. Madiline Wall
CH2M Hill
6425 Christie Avenue, Suite 500
Emeryville, CA 94608

Dear Ms. Wall:

Re: Groundwater Permit Information and Procedures

Thank you for your inquiry regarding discharge of treated groundwater to the EBMUD Wastewater Treatment Plant from Route 880 construction activities.

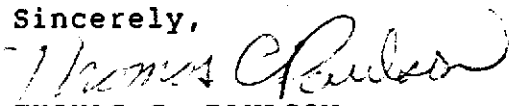
Enclosed is the following information on EBMUD groundwater permits and procedures for your evaluation:

- o Groundwater Permit Information.
- o EBMUD Ordinance No. 311.
- o EBMUD Resolution No. 32500.
- o Wastewater Discharge Permit application forms.
- o Standard Provisions and Reporting Requirements, 05/91 revision.
- o Influent and Effluent Toxics Summary 1990.
- o Permit By Rule Info Letter and Document Order Form.

Transmittal of this information to you does not constitute permission to discharge groundwater to the sanitary sewer.

Should you have any additional questions, please contact me at (510) 287-1630.

Sincerely,


THOMAS C. PAULSON
Industrial Discharger Section Supervisor
Source Control Division, MS#702

REC. GROUNDWATER
INQUIRY

TCP:tcp
Enclosures

cc: Rafat Shahid, Alameda County Health Care Services Agency
Lester Feldman, Regional Water Quality Control Board

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)

14 December 1990

Walter Kaczmarek
P.O. Partners Incorporated
6475 Christie Avenue
Suite 500
Emeryville, CA 94608

Subject: Ground Water Treatment Program for 1665 65th Street,
Emeryville.

Dear Mr. Kaczmarek:

Thank you for the amendment to your proposal concerning the site listed above. The clean-up level goals specified in the Engineering-Science Incorporated letter of 27 November 1990 comply with the policies of the San Francisco Bay Regional Water Quality Control Board. Approval, contingent upon the acquisition of the appropriate discharge permit from the East Bay Municipal Utility District, is granted for the implementation of this ground water treatment program.

If you have any questions concerning this matter, please feel free to contact me at (415) 271-4320.

Sincerely,


Dennis J. Byrne
Senior Hazardous Materials Specialist

cc: Lester Feldman, SFBRWQCB
Rafat Shahid, Assistant Director, Alameda County Department of
Environmental Health.
Richard Makdisi, Engineering-Science, Inc.

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)

September 5, 1990

CH2M HILL
6425 ~~Christie Avenue~~, Suite 500
~~Redwood City, CA 94061~~
ATTN: Bob Logan

Dear Mr. Logan:

Enclosed please find the copies you requested from the Del Monte files, and an invoice for time and material expense. The invoice references Purchase Order #SFO 970.

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

Sincerely,

Cynthia Chapman
Hazardous Materials Specialist

DEPARTMENT OF ENVIRONMENTAL HEALTH

MFR Sent _____ (date)

APPLICATION FORM

PURPOSE: Permit Application Service Renewal

Computer No.

TYPE OF ACTION: New Premises Change of Owner Change of Name Change of Status Change of Mailing Address Inactivate Delete Unincorp.

Premises Name CH2M HILL SUPV. DIST. C.T. 4

A. Premises Address 6425 Christie Avenue Suite 500 Emeryville GA 94608
Number Street City Zip Code Phone

Owner/Applicant _____
If corporation, also show name of corporation president _____ Phone _____

B. Mailing Address _____
Number Street City Zip Code

SEND BILLING TO ADDRESS: A, B (circle one)

Prior Business Name _____ Prior Owner's Name _____

Property Owner _____
If corporation, also show name of corporation president _____ Phone _____

Address _____
Number Street City Zip Code

E.U. NO. C.P. CODE

FOOD CATEGORIES

Bakery

- ___ Under 2,000 sq. ft. (130)
- ___ 2,000 - 6,000 sq. ft. (131)
- ___ Over 6,000 sq. ft. (132)

Food Market, Retail

- ___ Under 3,000 sq. ft. (120)
- ___ 3,000 - 10,000 sq. ft. (121)
- ___ Over 10,000 sq. ft. (122)

Confectionary (125)

Restaurant

- ___ Tavern, Cocktail lounge (104)
- ___ Snack Bar (105)
- ___ Drive-In, Take Out (110)
- ___ Catering Commissary (111)
- ___ Under 26 seats (100)
- ___ 26 - 50 seats (101)
- ___ 51 - 75 seats (102)
- ___ Over 75 seats (103)
- ___ In Plant Feeding (114)
- ___ Bed & Breakfast (Cont.) (115)
- ___ Bed & Breakfast (Reg.) (116)

Vending Machine

Other Food

Temporary Food Operation

- ___ Special Event Facility (113) (not to exceed 3 days)
- ___ Temporary Food Facility (108) (not to exceed 21 days)
- ___ Seasonal Food Facility (129) (not to exceed 45 days)

Food Vehicle

- ___ Vehicle Application Fee
- ___ Mobile Food Prep. Unit (107)
- ___ Stationary M.F.P.U. (117)
- ___ Retail Food Vehicle (112)
- ___ Itinerant Vehicle (128)

GENERAL CATEGORIES

- ___ Plan Review
- ___ Special Service
- ___ Public Swimming Area
- ___ Commercial Spa
- ___ Mobilehome Park
- ___ No. Spaces

Private Waste Disposal

- ___ Site Evaluation
- ___ Percolation Test
- ___ Plan Review
- ___ Installation
- ___ Holding Tank
- ___ Site Evaluation
- ___ Installation
- ___ Inspection

Water Supply-Utility

- ___ Community System
- ___ Non-Community System
- ___ State Small Water System
- ___ Local Small Water System

Private Water Supply

- ___ Flow, Bacti. & Chem. Anal.

Drinking Water Analysis

- ___ Bacterial
- ___ Chemical
- ___ Flow Rate

Other Site Search

Number of Units/Hrs. 1 hour, 8 copies Fee Per Unit/Hr. \$ 60 - / 1⁰⁰ page Total Fee \$ 68⁰⁰

REMARKS: Site search for DelMonte facility 3100 E. 9th St.
CH2M HILL P.O. # SFO 970

You will receive a BILL in accordance with Article 11 of Chapter 6, Title 3 of the Ordinance Code of Alameda County

Owner/Applicant CH2M Hill Spec. Cynthia Chapman Date 8/29/90
Sapittarian Phone _____ Date 8/29/90

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)

Certified Mail #P 062 127 823

April 27, 1990

Mr. Walter Kaczmarek
The Martin Group
6475 Christie Ave., Suite 500
Emeryville, CA 94608

RE: Deed Restriction for Emery Bay Marketplace, Emeryville, CA

Dear Mr. Kaczmarek:

The County is presently reviewing your proposed deed restriction for the above site. This review is to assure that the restrictions noted will protect the Public Health and Environment.

If you have any questions, please contact me at, 271-4320.

Sincerely,

Larry Seto, Senior
Hazardous Materials Specialist

LS:mnc

cc: Lester Feldman, RWQCB
Howard Hatayama, DOHS
Pat Sheehan, ChemRisk
Rafat A. Shahid, Assistant Agency Director, Environmental Health
Files

Complete items 1 and 2 when additional services are desired, and complete items 3 through 7 when appropriate. **Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.**

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

<p>3. Article Addressed to:</p> <p>Mr. Walter Kaczmarek The Martin Group 6475 Christie Ave. Ste. 500 Emeryville, CA 94608</p>	<p>4. Article Number P 062 127 823</p> <p>Type of Service:</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise</p> <p>Always obtain signature of addressee or agent and DATE DELIVERED.</p>
<p>5. Signature - Address X</p>	<p>8. Addressee's Address (ONLY if requested and fee paid)</p>
<p>6. Signature - Agent X</p>	
<p>7. Date of Delivery 5/2/90</p>	

PS Form 3811, Nov 1988

RETURN RECEIPT

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DB
File

February 23, 1990

Garret Freightlines, Inc.
6400 Eastshore Hwy.
Emeryville, CA 94608

DEPT. OF ENVIRONMENTAL HLTH
HAZARDOUS MATERIALS PROG.
80 SWAN WAY, SUITE 200
OAKLAND, CA 94621

RE: 6400 Eastshore Hwy.

SECOND NOTICE OF VIOLATION

Dear owner/operator:

Our records indicate that there are underground tank(s) at your site at the above facility. You were notified of this situation months ago and have not taken the appropriate action as described below.

In accordance with the California Code of Regulations, Title 23, Chapter 3, Subchapter 16 Underground Tank Regulations you must perform one of the following actions:

1. Submit a tank closure plan to this Department as required by Article 7, 2670, or
2. Apply for a permit as required by Article 10, 2710.

You are directed to notify this Department within 10 days of your intentions and to obtain the necessary instructions and forms.

Please note that section 25299 of the California Health and Safety Code states that any operator or owner of an underground storage tank is liable for a civil penalty of not less than five hundred dollars or more than five thousand dollars per day for failure to obtain a permit, or failing to properly close an underground storage tank, as required by section 25298.

If you have any questions concerning this matter, please contact this office at 271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Thomas F. Peacock".

Thomas F. Peacock, Senior HMS
Hazardous Materials Division

TFP:tfp

cc: Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Lester Feldman, RWQCB

FIRE CODE PERMIT No. 1109

PERMISSION IS HEREBY GRANTED Groundwater Technology, Inc (GTI)

TO ~~OPERATE~~ Install; Aboveground storage tank for
~~STORE~~ fuel recovery

ON PREMISES LOCATED AT 6400 Christie (S/E corner of parking lot,
near Bay Street.

PERIODIC INSPECTIONS ARE A CONDITION OF THIS PERMIT WHICH IS ISSUED IN ACCORDANCE
WITH UNIFORM FIRE CODE, AS SPECIFIED IN SECTION 4.108 OF SAID CODE.

ADDITION REQUIREMENTS Must meet Alameda County Dept. of Health
Servives requirements

ENG. CO. DISTRICT # _____ EXPIRATION DATE: NA

PERMIT APPROVED BY

**THIS PERMIT MUST BE
POSTED WITH BUSINESS
LICENSE**

J. E. [Signature] 4/12/89
FIRE MARSHAL DATE

F.P.B. Permit No. 1109

Due Date: _____

Original X

Renewal _____

Date: 4/12/89

Fee: \$40.00

Cash _____ Ck. No. 15750

Receipt No. _____

Received by: J.E.

Plans submitted? _____ Checked by: _____ (GROUP, TYPE AND AREA)

Occupancy Group? _____ Other Occupancies in Building? _____

Floor to be Used: _____ Area to be Used? _____ sq. ft. Previous Occupancy? _____

BUILDING: Height _____ Stories, _____ ft. Type of Construction? _____ Is there a basement? _____

Location-Exterior Wall Openings? _____ Type of Protection _____

Is there 20 sq. ft. of Opening in every 50' on one exterior wall in—Cellar? _____ Basement? _____ Story? _____

Distance from Property Line on North? _____ South? _____ East? _____ West? _____

EXITS: Number? _____ Total Width? _____ How far Apart? _____ Do Exits Lead to Street? _____

Number of Exits from Hazardous Area (over 200 sq. ft.)? _____ Panic Bars? _____

Do Doors Swing Out? _____ Exit Signs? _____ Illuminated? _____

Number of Stairways? _____ Width? _____ Open or Enclosed? _____

Exterior Stairway or Fire Escape? _____ Where Located? _____ Distance from Street? _____

FIRE PROTECTION: Standpipes: Wet? _____ Dry? _____ Sprinklers? _____

Number and Type of Extinguishers? _____

Other Fire Protection? _____

Is Flameproofing Required? _____ Is it Satisfactory? _____

DATE OF INSPECTION: _____

REMARKS: _____

Signed _____ No. _____
FIRE INSPECTOR

► **Finally . . .**

A Safe and Cost Efficient Method for Containing Your Oil Products . . . **Above Ground!!**

12-Gauge Steel Inner Tank

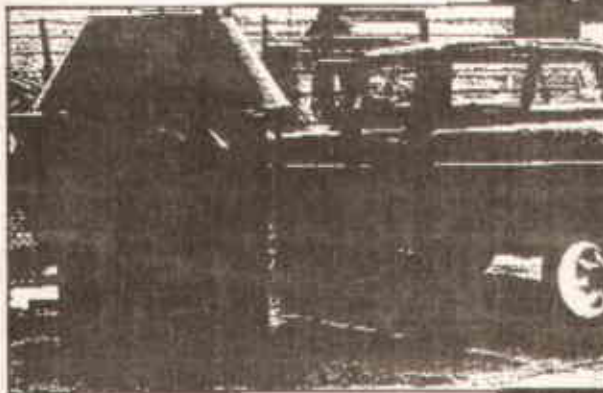
(40 inch diameter x 50 inches high)

- U.L. listed for Flammable Liquid Storage
- Air Operated Pumping System
- Remote Site Level Gauge
- Automatic Shut Off Valve Prevents Overfilling
- Available in 261 gallon and 550 gallon capacities (other sizes by special order)

Hinged Environmental Cover

(60 inch diameter x 22 inches high)

- Custom Designed — Patent Pending
- Keeps out Water and Debris
- Secures Control Assemblies and Inner Storage Tank
- Tamper Proof Locking Mechanism
- Pleasing Appearance for Outdoor or Indoor Installations



SAFEWASTE Tanks are Portable!!!

14-Gauge Steel Outer Tank

(47 inch diameter x 50 inches high)

- 135% Secondary Containment
- Beam Supports Provide Easy Forklift Manuvering
- Primed and Finished with Rust Preventative Enamel



SAFEWASTE Means Quality Construction Throughout.

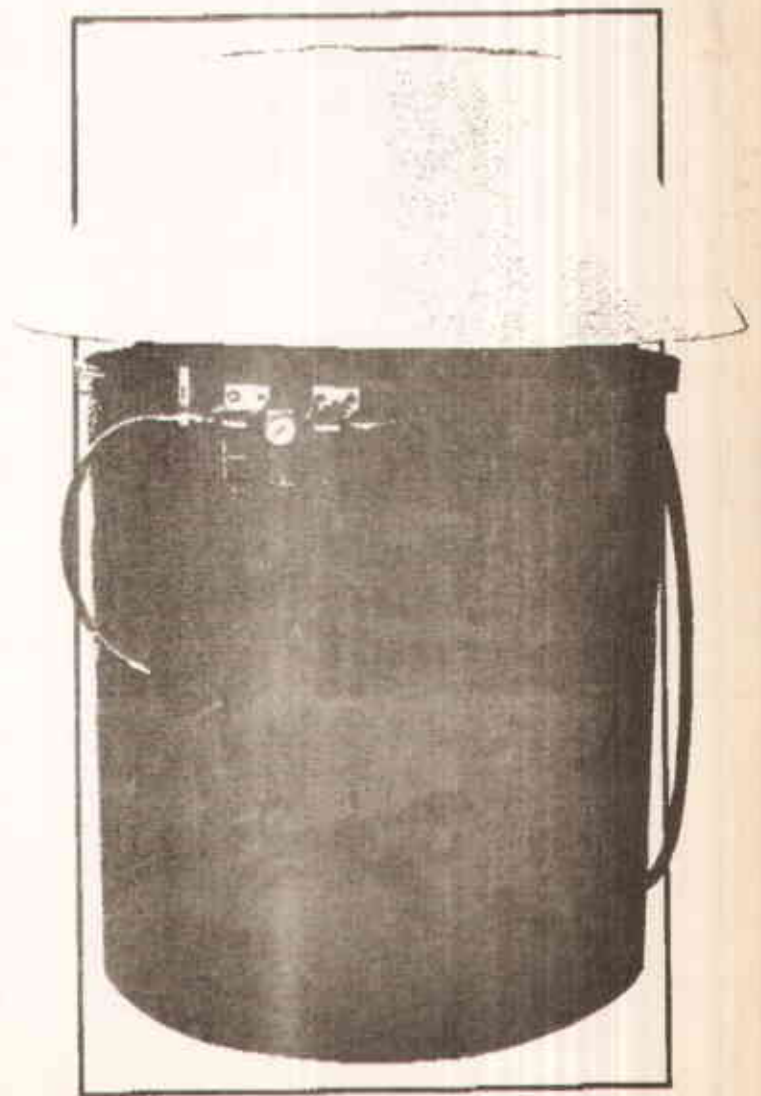
Pacific Environmental Industries, Inc.

4606 Meridian Avenue, Suite E • San Jose, California 95124 • (408) 723-3877

Introducing . . .

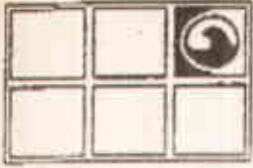
SAFEWASTE

Above Ground Storage Systems



- ▶ Waste Oil Reclamation
- ▶ New Oil Storage
- ▶ New and Waste Antifreeze Containment

Pacific Environmental Industries, Inc.



**GROUNDWATER
TECHNOLOGY, INC.**
OIL RECOVERY SYSTEMS

4080 Pike Lane, Suite A, Concord, CA 94520-1227 (415) 671-2387

TELECOPY MESSAGE

DATE: April 19, 1989 TIME: 10:45 AM

TO: Dennis Byrce

FROM: Edward Prakop

JOB#: 203 749 8200

TELECOPY#: 568-3706
Groundwater Technology, Inc.

Number of pages (including cover page): 5

If you did not receive any of the pages, please call
(415) 671-2387

Dennis,
I hope that this gives you the information you need. We also have a current air permit to install up to a 600 gallon above ground fuel storage tank.

EB
Please let me know if you have any questions

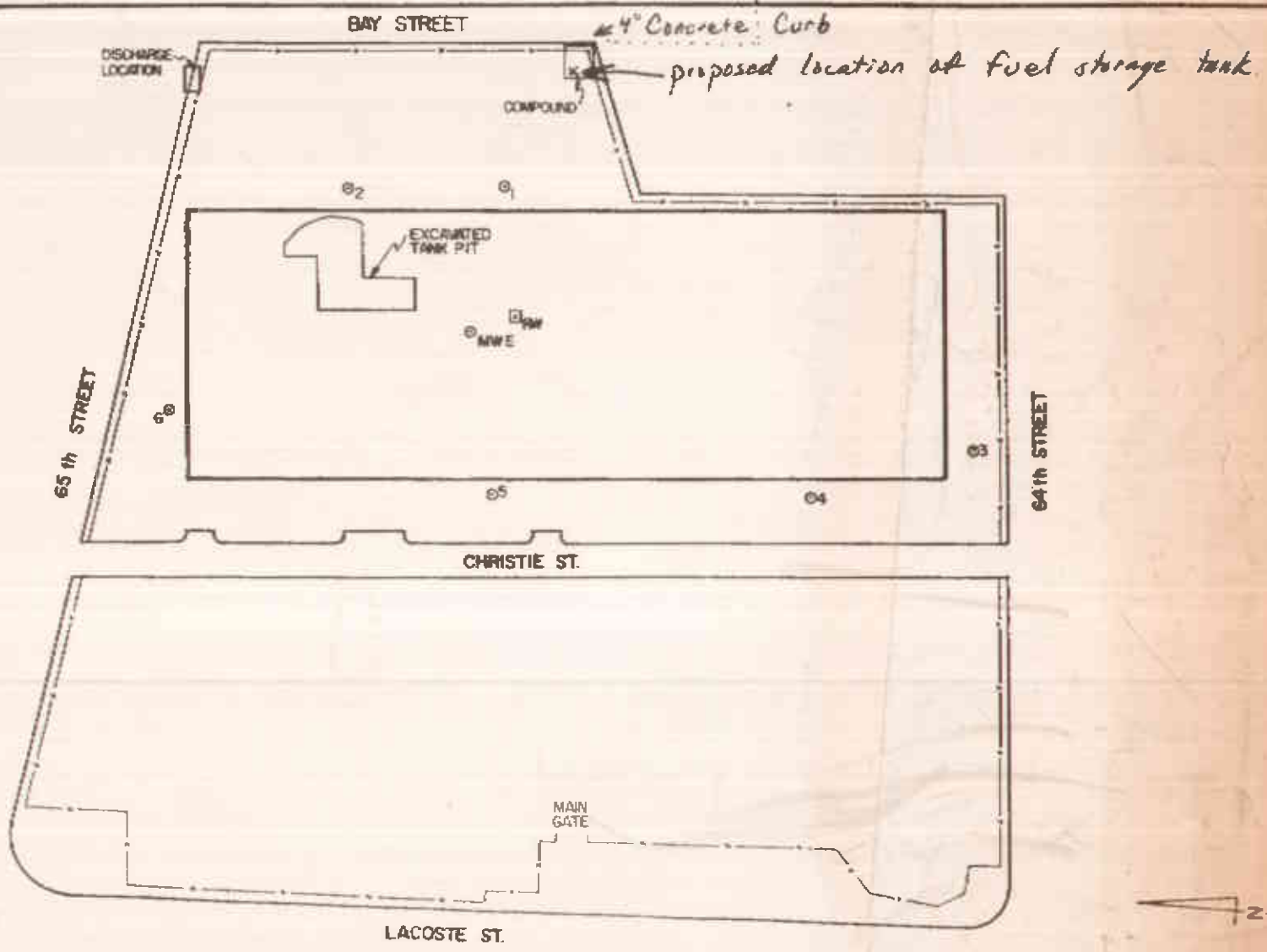
Compound is surrounded by a 8 foot Chain link fence

Bay Street Dead Ends approximately here

PAGE.005

APR 19 '88 10:46 FROM GTI ACCT/SFB TERR

LEGEND
○ MONITORING WELL
□ RECOVERY WELL



MARTIN COMPANY
EMERYVILLE, CALIFORNIA



0 FEET 200



GROUNDWATER TECHNOLOGY

THE MARTIN GROUP

1605 - 64th St.
4 unit

4/0

ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL
HAZARDOUS MATERIALS

April 6, 1989

Alameda County
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

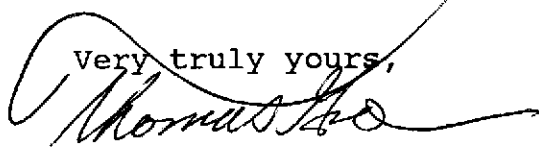
RE: DOHS - ALAMEDA
BUSINESS PLAN - PART I
SITE I.D. NUMBER - 1458

Ladies and Gentlemen:

We are in receipt of your letter dated February 15, 1989 addressed to the Bay Center site at 64th and Christie, Emeryville, California, Site I.D. Number - 1458. Please be advised that the Delta and Garret Trucking lines which formerly owned and occupied the site have been out of operation for almost five years. We are the present owners of the property which has been developed as an office park. As Landlords, we do not handle any hazardous material or mixture of hazardous materials so as to become subject to Section 2500 et seq. of the California Health and Safety Code. Accordingly, we have filled out the Hazardous Materials Negative Response form and are returning it to you for your records.

Please don't hesitate to contact me should you have any further questions.

Very truly yours,



THOMAS J. GRAM

LT9202.05

cc: Walter Kaczmarek

ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
 HAZARDOUS MATERIALS DIVISION
 80 SWAN WAY, ROOM 200
 OAKLAND, CA 94621
 (415) 271-4320

BUSINESS PLAN - PART I

1. Business Name Bay Center Associates
 Site Address 6425, 6455, 6475 Christie Avenue
 City Emeryville, CA Zip 94608
 Mailing Address 6475 Christie Avenue, Suite 500
 City Emeryville Zip 94608
2. Contact Person Walt Kaczmarek Phone No. (415) 652-5852
3. Total Area of Business in Square Feet Approximately 325,000 square feet of office space.
4. Hazardous Materials/Waste Storage and Handling Area in Square Feet:
0
5. HAZARDOUS SUBSTANCES OR WASTES OVER 55 GALLONS*, 500 LBS.* OR 200 CUBIC FEET *

	Gallons* (liquid)	Pounds* (solid)	Cubic Feet* (gaseous)	Number of Items
Hazardous Materials				
Hazardous Waste				
GRAND TOTAL				

OWNER OR OPERATOR'S SIGNATURE *Bay Center Associates*
Walter T. Kaczmarek
 PRINTED NAME Bay Center Associates by Walter T. Kaczmarek
 DATE 4/4/89

* Metric Equivalents may be used

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Division
80 SW. May, Room 200
Oakland, CA 94621

February 15, 1989

Telephone Number: (415) 271-4320

[--Bay Center, c/o Martin Co.]
[- 64TH & LA COSTE ST.]
[Emeryville, CA 94608 SiteID#-1458]
[ATTN: President/Chief Exec. Off.]

The state of California has enacted legislation that requires each business or facility that handles more than a specified quantity of hazardous materials to develop and implement a business plan. The plan must contain essential information to emergency response personnel and appropriate public agencies in the event of a release of such materials. The Alameda County Board of Supervisors has designated the County Department of Environmental Health as the public agency which shall receive these plans. These business plans are required under California Health and Safety Code, Chapter 6.95 which also allows counties to collect fees for the administration of this law.

The intent and use of the business plan is to 1) provide critical information and assistance to emergency responders in case of an accident at your facility, 2) help you plan for emergencies, 3) assure emergency preparedness for employees handling hazardous materials, and 4) provide information on the hazardous materials handled at facilities to public agencies and the interested public.

Each business must complete a Hazardous Materials Business Plan if it handles a hazardous material or a mixture containing a hazardous material which has a quantity at any one time equal to or greater than (a) a total weight of 500 pounds, or (b) a total volume of 55 gallons, or (c) 200 cubic feet at standard temperature and pressure for compressed gas. Consumer products containing hazardous substances are exempt from reporting if they are prepacked for direct distribution to and use by the general public.

Our records indicate that you may handle more than the specified amount of hazardous materials. You are therefore required to submit the enclosed Hazardous Materials Business Plan - Part I to this office. You will subsequently receive Part 2 either by mail or when an inspector visits your facility. Your Hazardous Materials Business Plan - Part I must be submitted within 30 days of the receipt of this letter. Any business which violates Section 25503.5 by failing to file a business plan shall be subject to penalties specified in the law. If you believe you handle less than the specified quantities of hazardous materials, you must complete the HAZARDOUS MATERIALS NEGATIVE RESPONSE on Page 2. Thank you for your cooperation.

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

Sincerely,

Gerald H. Winn, Director
Department of Environmental Health

Enclosure(s)

rev/mam 12/88

FUELLEAK CASE FORM

Review Date 7/27/88

Site Name Garrett Freight Line

Streetnumber 0

Street 64th + Lacoste

City Empyville

County Number J 01

Priority B3

Rank _____

Primary Substance 12036

Secondary Substance _____

Waste Oil _____

Case Type U G D

Status N

Well Status NW

Soil Affected Y U

Max. Soil Conc. (ppm) _____

Max. Residual Soil (ppm) _____

Soil Status N

Groundwater Affected Y U

Max. Groundwater Impact _____

Groundwater Status N

Depth to Groundwater _____

Drinking Water Affected Y U

Drinking Water Status N

Remedial Action NT

Proof of Action Needed ST

Date of Last Corr. 5/5/86

Date Case Received 5/5/86

Case Evaluated By RMG

IA REGIONAL WATER QUALITY CONTROL BOARD

ISCO BAY REGION
N STREET, ROOM 6040
94607.

Phone: Area Code 415
464-1255



June 1, 1988 (GSZ)

Walt Kaczmarek
The Martin Company
4256 Hacienda Dr. Suite 101
Pleasanton, CA 94566

Re: NPDES Permit Application for the Bay Center Project, 65th
St. and Christie Avenue, Emeryville

Dear Mr. Kazmarek,

Your NPDES application for the above site has been received. Due to the number of applications being processed at this time, I do not anticipate bringing your application before the Regional Board until December, 1988.

Greg Zentner of my staff has spoken with Kurt Ladensack, supervisor for the East Bay Municipal Utility District's Industrial Discharge Section, about the possibility of the District issuing a permit to discharge the wastewater from your groundwater cleanup to the sanitary sewer. Mr. Ladensack has indicated a willingness to accept the discharge on a temporary basis until the Regional Board issues an NPDES permit, provided that the discharge meets the effluent limitations established by the District. Mr. Ladensack may be reached at (415) 465-3700.

It may also be necessary for you to receive a permit from the City of Emeryville, which operates the sanitary sewer collection system in that city. Wally Kolb, representing the city's Public Work's Department, has also indicated a willingness to accept the discharge consistent with EBMUD approval. Mr. Kolb can be reached at (415) 654-6161.

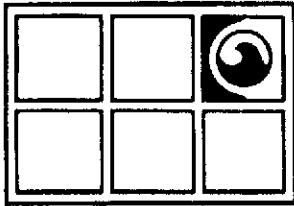
If you have any questions, please contact Greg Zentner at (415) 464-0840.

Sincerely,

for
Roger B. James
Executive Officer

cc: attached list

PWJ
GSZ



**GROUNDWATER
TECHNOLOGY**

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

January 26, 1988

Job No. 203 799 8200

Mr. Peter Johnson
Regional Water Quality Control Board
1111 Jackson St; Rm. 6040
Oakland, CA 94607

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

JAN 27 1988

QUALITY CONTROL BOARD

Edward Prokop

Re: NPDES Permit for Bay Center Project Emeryville, CA

Dear Mr. Johnson,

The purpose of this letter is to check on the status of the National Pollutant Discharge Elimination System (NPDES) permit which was applied for on March 30, 1987. As of the date of this letter, Groundwater Technology, Inc. (GTI) has provided all the information that has been requested by the Regional Water Quality Control Board. If you need further information to approve the NPDES permit for the site in question, please contact us at our Concord office.

The client, The Martin Company, has constructed a recovery/treatment system as requested by the Regional Water Quality Control Board. The client is ready to implement this system upon approval of the permit application. If you have any questions please feel free to contact us at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Kelly A. Kline

Kelly A. Kline
Project Geologist

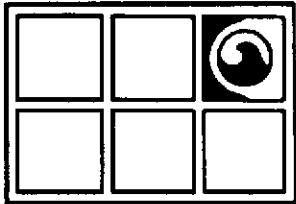
KAK:lr
cc: Mr. Walt Kaczmarek

L8200C

GSZ,

Please provide me with your list of NPDES applications, and an estimate of when we might get to it.

PWJ
2/1/88



**GROUNDWATER
TECHNOLOGY**

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

PWF
GSZ

January 18, 1988

CALIFORNIA REGIONAL WATER

Job No. 203 799 8200

JAN 20 1988

Mr. Peter Johnson
Regional Water Quality Control Board
1111 Jackson St; Rm. 6040
Oakland, CA 94607

Re: NPDES Permit for Bay Center Project Emeryville, CA

Dear Mr. Johnson,

The purpose of this letter is to check on the status of the National Pollutant Discharge Elimination System (NPDES) permit which was applied for on March 30, 1987. As of the date of this letter, Groundwater Technology, Inc. (GTI) has provided all the information that has been requested by the Regional Water Quality Control Board. If you need further information to approve the NPDES permit for the site in question, please contact us at our Concord office.

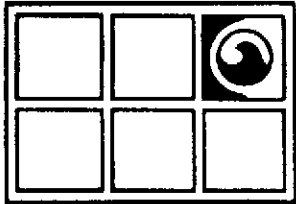
The client, The Martin Company, has constructed a recovery/treatment system as requested by the Regional Water Quality Control Board. The client is ready to implement this system upon approval of the permit application. If you have any questions please feel free to contact us at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Kelly A. Kline
Kelly A. Kline
Project Geologist

KAK:lr
cc: Mr. Walt Kaczmarek

L8200C



**GROUNDWATER
TECHNOLOGY**

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

*PHJ
File NC*

January 11, 1988

01

Job No. 203 799 8200

CALIFORNIA REGIONAL WATER

Mr. Peter Johnson
Regional Water Quality Control Board
1111 Jackson St; Rm. 6040
Oakland, CA 94607

JAN 13 1988

QUALITY CONTROL BOARD

Re: NPDES Permit for Bay Center Project Emeryville, CA

Dear Mr. Johnson,

65th & Christie

The purpose of this letter is to check on the status of the National Pollutant Discharge Elimination System (NPDES) permit which was applied for on March 30, 1987. As of the date of this letter, Groundwater Technology, Inc. (GTI) has provided all the information that has been requested by the Regional Water Quality Control Board. If you need further information to approve the NPDES permit for the site in question, please contact us at our Concord office.

The client, The Martin Company, has constructed a recovery/treatment system as requested by the Regional Water Quality Control Board. The client is ready to implement this system upon approval of the permit application. If you have any questions please feel free to contact us at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

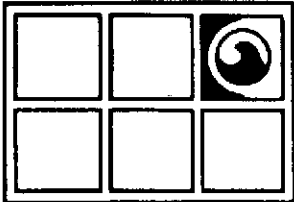
Kelly A. Kline

Kelly A. Kline
Project Geologist

KAK:lr
cc: Mr. Walt Kaczmarek

L8200C

PWJ



**GROUNDWATER
TECHNOLOGY**

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

January 4, 1988

Job No. 203 799 8200

Mr. Peter Johnson
Regional Water Quality Control Board
1111 Jackson St; Rm. 6040
Oakland, CA 94607

CALIFORNIA REGIONAL WATER

JAN 6 1988

QUALITY CONTROL BOARD

Re: NPDES Permit for Bay Center Project Emeryville, CA

Dear Mr. Johnson,

The purpose of this letter is to check on the status of the National Pollutant Discharge Elimination System (NPDES) permit which was applied for on March 30, 1987. As of the date of this letter, Groundwater Technology, Inc. (GTI) has provided all the information that has been requested by the Regional Water Quality Control Board. If you need further information to approve the NPDES permit for the site in question, please contact us at our Concord office.

The client, The Martin Company, has constructed a recovery/treatment system as requested by the Regional Water Quality Control Board. The client is ready to implement this system upon approval of the permit application. If you have any questions please feel free to contact us at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

1/13/88

I LEFT A MESSAGE FOR MR. KACZMAREK

TO CALL ME. 852

Kelly A. Kline
Kelly A. Kline
Project Geologist

CAUD

1/15 NO ANSWER IN MELPITAS
(REFERRED THERE FROM EMERYVILLE)

KAK:lr

cc: Mr. Walt Kaczmarek, THE MARTIN CO.

L8200C

↳ 463-5773 (CASANTON) CLOSED 1/14/88
652-5852 (EMERYVILLE)
408 942-8200 (MELPITAS)

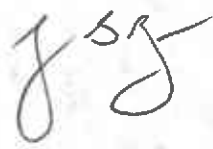
GSZ nc

REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION
INTERNAL MEMO

TO: PWJ
LPC Section Head

FROM: GSZ ~~WRCE~~
WRCE

DATE: 11/21/87

SIGNATURE: 

SUBJECT: BAY CENTER PROJECT NPDES

Background

This site was a municipal dump from 1940-1960, and a trucking terminal from 1960-1985. During development, 12 underground tanks were removed (8 diesel, 1 gasoline and 3 waste oil;) in April of 1986. Soil and water samples taken from beneath the tanks were incorrectly analyzed (head space, not an appropriate extraction technique for diesel analysis). However, the lab results show soil contamination up to 4460 ppm TPH, and water contamination of 26 ppm TPH in the vicinity of tank pits A and B (See Figures I-III).

A subsequent groundwater investigation by Aqua Science (July-August, 1986) consisted of analyzing water samples taken from 37 borings on site. Four of the borings were converted to monitoring wells, and we have results for two of the wells that were sampled that year, although these wells apparently were not sampled for TPH (Figure IV shows all presently existing wells, the former positions of the tanks, and recently plotted gradients). MW-A showed high levels of volatile (EPA 624) and base/neutral extractable (EPA 625) organics and PCB's. (EPA 608; see Table I). These levels are indicative of free product, either gasoline or diesel. Also attached are results of the analysis of the groundwater taken from the 37 borings (Table II). All of these samples, except one, were subjected to head space analysis, and compared to standards of gasoline or aged gasoline. Sample No. 30 was compared to a diesel standard. Locations of the borings are not noted on any site map that we have. Similarly, the location of MW-A is unknown to us, though it is reportedly in the area of MW-E.

In 1987, a fifth monitoring well (MW-E) was drilled, and all wells, except MW-A, were sampled and analyzed using EPA methods 624, 625 and 608 (Table III). MW-A was reportedly covered by excavated soil and could not be sampled this year. Levels of contamination in MW-B decreased dramatically to non-detectable levels. However, the concentration of the total hydrocarbon matrix is not reported, which would give an indication of the level of the dissolved diesel or gasoline contamination present, if any.

In March of this year, GTI proposed a cleanup system that

consists of a double-pump system; any floating product pumped from the groundwater will be stored in a tank on site prior to disposal. Groundwater will be treated using an air stripper. GTI has performed a slug test, calculated transmissivity, and estimates a 70 foot radius of influence (Figure V). Contamination in MW-C, the origin of which was probably the two tanks formerly located south of the larger excavation, is not addressed in the cleanup proposal. Their air stripper is based upon the physical properties of benzene, and my own calculations show that its size is sufficient to remove the elevated concentrations of benzene originally reported in MW-A. However, the cleanup system has not been analyzed for its abilities to remove the less volatile compounds found in the groundwater.

In September of this year, GTI submitted the results from the drilling and sampling of seven additional wells (~~to be added~~). The water was analyzed by EPA Method 602, and TPH using EPA Method 418.1, an IR method (only the new wells were sampled; TPH =ND for these wells). See Figure V. Most New Wells Are ND For 602, MW-H Shows 72 PPD TPH IN HC MATRIX BY 602 & 10.9 PPD BENZENE.

In summary:

- A) Only once (one soil sample) has a soil or water sample been analyzed for TPH as diesel.
- B) The radius of influence of the proposed recovery system is inadequate if the goal is to cleanup all on-site pollution.
- C) Soil contamination, if any, and its potential for the continuing impact on groundwater quality, has not been addressed.

The NPDES Permit application is incomplete in that it does not contain or address the following:

- 1) A detailed site map showing all monitoring wells (monitoring well A is not on the current site map), buildings currently in existence, buildings under construction, roads, and any other details pertinent to the operation of the cleanup system. The map should show the ultimate point of discharge to waters of the state. ~~if a second map is necessary to show this point of discharge, it should be included.~~ (CFR SAYS 7 1/2 OR 15' MINUTE TOPO)
- 2) Form 2D. Note on this form that all dischargers are required to sample for each Group A parameter unless a written waiver is submitted with the application (Item 5-A).
- 3) Signatory and Certification Statement.
- 4) A detailed sampling program, identifying the frequency of sampling during startup and routine operation, and the chemical analysis to be performed on each sample.
- 5) Previous sampling has revealed the presence of extractable polycyclic aromatics. The presence of these compounds should be addressed in the NPDES permit.
- 6) As volatile organic compounds will be discharged to the atmosphere, we should have documentation showing that a permit from the Bay Area Air Quality Management District has been applied for, if it is necessary based upon the expected system treatment performance.

In addition, with respect to 1) above, it is apparent that extensive development (large office buildings) have already been constructed onsite, which may impede cleanup efforts. The site is easily visible from Highway 80; it lies immediately adjacent to the Highway, on the east, just north of the Highway 580 interchange.

Recommendation:

I originally picked up this file as my first NPDES case because 1) I had a phone call from the responsible party expressing his interest in the speedy processing of the permit and 2) RBJ was allowing us to not issue permits, which would allow me to quickly review the case, send out a letter under RBJ's signature, and get on to the next NPDES case. However, that has now changed. Given the above deficiencies, the processing of this permit could take untold amounts of staff time, which would not be warranted under any sort of water quality priority system. I recommend that we drop this case, and begin processing the Shell station NPDES permit (2001 DeCoto, Union City). There are a couple of reasons for this:

- 1) In terms of water quality priorities, it is orders of magnitudes more important than any other NPDES permit pending.
- 2) If we have to write a permit for this site, we need to start working now in order that we don't delay the permitting by additional months.

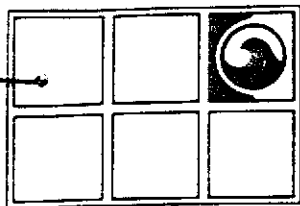
~~Let~~ ^{You} ~~say~~ SAID -

Let's CALL THEM AND TELL THEM WHAT THE PROBLEM IS.

GSZ,
This case should be prioritized with the
rest.

PWJ

GSZ



**GROUNDWATER
TECHNOLOGY, INC.**
OIL RECOVERY SYSTEMS

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

September 22, 1987

Mr. Peter Johnson
Regional Water Quality Control Board
1111 Jackson St., Rm. 6040
Oakland, CA 94607

CALIFORNIA REGIONAL WATER
22 1987
QUALITY CONTROL BOARD

RE: Bay Center Project, Emeryville, Ca.

Dear Mr. Johnson:

Mr. Kaczmarek of the Martin Company has requested I transmit the "Report of Further Subsurface Hydrocarbon Investigation, Emeryville, California Bay Center Project September 8, 1987". We hope this additional information will assist in your approval of our NPDES permit for this site.

If you have any questions, please feel free to contact myself or Jan Jacobson at (415) 671-2387.

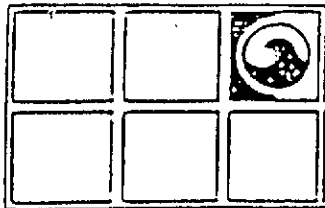
Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley

Joyce M. Miley
Project Manager

JMM:jd

Enclosure



**GROUNDWATER
TECHNOLOGY, INC.**
OIL RECOVERY SYSTEMS

4050 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-1111

To Greg Zentner
RWQCB
111 S. Jackson Rm 6040
Attn: Greg Zentner

Date 8/24/87 Job No. 203-799-8200
Re: Agvscience Report for
Martin Company
From GTI

We are sending: Attached Via REPORT

The following:

- Report Originals Shop Drawings Samples
 Specifications Copy(s) Proposal Other _____

Copies	Date	Description

Transmitted as checked:

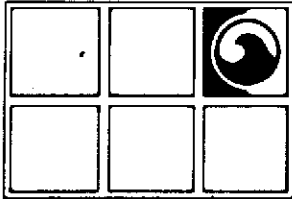
- Approved For Approval Approved as Noted For Correction
 For Your Use As Requested For Comments For Resubmittal
 For Your Records For Distribution _____

Remarks: DELIVERED IN PERSON

Copies to: _____

GROUNDWATER TECHNOLOGY, INC.

1987



**GROUNDWATER
TECHNOLOGY, INC.**
OIL RECOVERY SYSTEMS

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

August 19, 1987

Job No. 203 799 8200

Rafat A. Shahid, Chief
Hazardous Materials Division
Alameda County Health Department
470 - 27th Street, Third Floor
Oakland, CA 94612

Dear Mr. Shahid,

This letter is in response to your letter to the Martin Company dated June 9, 1987. In regards to Item 3a where the question is brought to mind whether or not a single pumping well will be sufficient for the Bay Center Site, it is GTI's recommendation that a single pumping well will provide hydraulic control. A baildown test of the aquifer was conducted on December 30, 1986. Based upon the data from this test we believe the proposed single pumping well will be satisfactory. After the recovery/treatment system has been started, a pump test will be conducted and the actual cone of depression will be determined by this data provided by the pump test. If we determine that additional recovery wells would be the optimum solution then more recovery wells will be installed.

In item 3b the validity of the Aquascience Laboratory results is questioned. We consulted with Safy Khalifa, PhD, Laboratory Director for GT Environmental Laboratories, and we feel the units of measure of these results seem questionable. Laboratory results for water analyses are usually reported in parts-per-billion (ppb). When this fact is taken into consideration and the Aquascience water analyses results are converted to ppb the

Mr. Shahid
August, 1987
Page 2

results are comparable to water analyses results reported by Sequoia Analytical Laboratory, Redwood City, California, of water sampled at the site on December 19, 1986. Furthermore, if there is a concentration of 41,000 milligrams per-liter (mg/L) of benzene, there would most likely be free product at the site, which there is not. There are also other mistakes in the laboratory analyses or in the reporting of the results. The results of the DDE, DDD, and DDT are given as the results for an analysis done using both a 0.10 mg/L Soluble Threshold Limit Concentration (STLC) and a 1.0 mg/l Total Threshold Limit Concentration (TTLC). It is incorrect to report one set of data for two separate analyses. These results are now discredited because it is not known how these results were determined. Also, results were given for PCB-1206. This is not correct either. We are sure that it was meant to read PCB-1260. We view this as another example of lack of quality control and it is the reason why we have disregarded the Aquascience Laboratory results.

In reply to your concern expressed in Item 3c, hand bailing is an acceptable means of well development. As stated in the "Guidelines For Addressing Fuel Leaks" well development may be accomplished by bailing, mechanical or air-lift pumping, surging, or a swabbing..."¹

Item 3d, the last item of concern can be addressed simply by stating that an application for an National Pollutant Discharge Elimination System (NPDES) permit was submitted in March, 1987, to the California Regional Water Quality Control Board - San Francisco

1. California Water Quality Control Board San Francisco Bay Region, 1985. "Guidelines for addressing Fuel Leaks", Attachment 1, page 4.



Mr. Shahid
August, 1987
Page 3

Bay Region (CRWQCB-II). The permit was scheduled to be approved by August 1, 1987. As of August 13, 1987 the CRWQCB-II has not reviewed the permit application. When we receive the permit we will have the approval you are concerned about.

I hope this letter has answered your questions. If you have any other questions please feel free to contact us at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Kelly A. Kline
Kelly A. Kline
Project Geologist

Joyce Miley
Joyce Miley
Project Manager

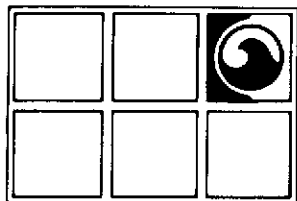
KAK:JM:lr
L8200E

cc: Walter T. Kaczmarek
The Martin Company



GROUNDWATER TECHNOLOGY, INC.

VJW
~~Red~~
652



**GROUNDWATER
TECHNOLOGY, INC.**
OIL RECOVERY SYSTEMS

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

August 3, 1987

Job No. 203 475 8203

Mr. Peter Johnson
R W Q C B
1111 Jackson St., Room 6040
Oakland, CA 94607

RE: Permit Fees

Dear Mr. Johnson,

The enclosed check is to replace the four outdated checks submitted as filing fees for the NPDES permits for the following sites:

- Southland Corporation - Super 7 Berkeley
- The Martin Company - Bay Center Project Emeryville
- Southland Corporation - Super 7 Ignacio
- Southland Corporation - Super 7 Saratoga

Please let us know the permit status of each of these sites since they are just waiting on the permits to begin operation.

Thank you,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley
Joyce M. Miley
Project Manager

**CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD**

AUG 05 1987

Handwritten signature

JMM:jd
Enclosure

568-3706

key Full 1 copy me
Bay Center offices
Soils Contamination talk
to me.

THE MARTIN COMPANY

July 2, 1987

1 copy W

Mr. Rafat Shahid
Alameda County
Hazardous Materials Unit
470-27th Street, Third Floor
Oakland, CA 94612

Re: Bay Center Project, Emeryville California

Dear Mr. Shahid:

In response to your letter dated June 9, 1987, we agree to the conditions listed in that letter required by you on the Bay Center Projects. However, we would like to make three clarifications in regards to those conditions. They are as follows:

1. In regards to your item number three, we are working closely with the San Francisco Regional Water Quality Control Board. They have received and are reviewing the same reports that you have received. We will follow their requirements in regards to the necessary water clean up.
2. In regards to your item number four, we would like the deed restriction to restrict future development of the property to a similar type of project that is currently being constructed at the site or if different, to be allowed if the County of Alameda Health Care Services approves such different project.
3. We have agreed to pay your expenses incurred in monitoring the property and reviewing associated plans. However, we have agreed upon a ceiling for this cost of \$5,000 per year.

I will be calling you in the near future to schedule a meeting regarding these items. Additionally the items requested by you in your letter will be forthcoming shortly. In the meantime if you have any questions, please contact me at (415) 463-3773.

Sincerely,

Walter T. Kaczmarek
Vice President
The Martin Company

cc: Lowell Miller
Howard Hatayama
Alan McKay
Bob Wyatt

THE MARTIN COMPANY

please review and discuss items on 7/15/87 at 10:00 A.M. RAS 7/19/87

July 2, 1987

Mr. Rafat Shahid
Alameda County
Hazardous Materials Unit
470-27th Street, Third Floor
Oakland, CA 94612

Re: Bay Center Project, Emeryville California

Dear Mr. Shahid:

In response to your letter dated June 9, 1987, we agree to the conditions listed in that letter required by you on the Bay Center Projects. However, we would like to make three clarifications in regards to those conditions. They are as follows:

1. In regards to your item number three, we are working closely with the San Francisco Regional Water Quality Control Board. They have received and are reviewing the same reports that you have received. We will follow their requirements in regards to the necessary water clean up.
2. In regards to your item number four, we would like the deed restriction to restrict future development of the property to a similar type of project that is currently being constructed at the site or if different, to be allowed if the County of Alameda Health Care Services approves such different project.
3. We have agreed to pay your expenses incurred in monitoring the property and reviewing associated plans. However, we have agreed upon a ceiling for this cost of \$5,000 per year.

I will be calling you in the near future to schedule a meeting regarding these items. Additionally the items requested by you in your letter will be forthcoming shortly. In the meantime if you have any questions, please contact me at (415) 463-3773.

Sincerely,

Walter T. Kaczmarek
Walter T. Kaczmarek
Vice President
The Martin Company

cc: Lowell Miller
Howard Hatayama
Alan McKay
Bob Wyatt

ALAMEDA COUNTY
HEALTH CARE SERVICES

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



RECEIVED

JUN 11 1987

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

*WR list
Bay Center Project
1665 - 65th St. Emeryville
Direct - 7/30/87*

June 9, 1987

Mr. Walter Kaczmarek
The Martin Co.
4256 Hacienda Dr., Suite 101
Pleasanton, CA 94566

Dear Mr. Kaczmarek:

This letter is in response to your March 30, 1987 letter concerning the development of the Bay Center Site. This site is located on land which was created by an artificial fill over bay mud, and which consisted of construction spoils and industrial waste. In addition, trucking operations with underground tanks were also operating on the site. Site characterizations have been performed on the site. These include:

- ° "Soils and Groundwater Contamination Characterization of Bay Center Site in Emeryville, California", dated, August 20, 1986, by Earth Metrics, Inc.
- ° "Results of the Gas Emissions Tests of the Bay Center Construction Site" Dated, October 9, 1986, and "Assessment of Gas Emissions" at the Bay Center Apartment Site dated March 3, 1987, by GSF Energy, and
- ° "Report Subsurface Hydrocarbon Investigation, Bay Center Project, Emeryville, California", dated, March 17, 1987, by Groundwater Technology, Inc.

These studies have indicated that the site is underlain with moderate metal contamination (principally lead) and some gas generation resulting from old landfilling activities at the site.

Your development plan includes the construction of office buildings and residences on the site. In order to minimize present and potential exposure, the following activities should be undertaken:

1. All contaminated soils remaining on site, should be covered either by asphalt or concrete, except in landscaped areas where at least 16" to 18" of clean soil will be placed over any contaminated or potentially contaminated soil.

Mr. Walter Kaczmarek
The Martin Co.
Pleasanton, CA 94566
June 9, 1987
Page 2 of 3

2. The early warning system for methane gas should be designed and approved by a registered Safety Engineer. The system should include a strip chart recorder, which would continuously monitor and record any methane emissions. The design of the system should be submitted to the County for approval.
3. With regards to the proposed groundwater treatment system, there are several issues that should be addressed.
 - a) A single pumping well may not be sufficient to effectively create a cone of depression large enough to draw contaminated groundwater from the several tank areas where leaks were known to occur.
 - b) Since there was no reason cited in the groundwater technology report for discarding the earlier Aquascience reports, the "worst case" influent concentrations of 13 ppm total hydrocarbons may not be a realistic assumption.
 - c) Since hand bailing is not a generally acceptable method of well development, its effect on subsequent water analysis results should be considered.
 - d) Your groundwater treatment system proposal should be approved by the San Francisco Regional Water Quality Control Board or its designee.
4. A deed restriction should be placed on the entire Bay Center property, which would restrict future development of the property to a similar type of project that currently exist there. In addition, in the event of any disturbance of the sub-surface soil of the property, (excavation construction, etc.), an individual safety plan will be activated. The plan should be devised by your office and designate a responsible individual who would determine that elements within the plan are carried out. The Alameda County Department of Environmental Health should be notified one week prior to the commencement of any construction on the site, which would disturb sub-surface soil.

As indicated in your letter, you have indicated that you will pay for expenses incurred in monitoring the property and reviewing associated plans. The Alameda County Health Department is willing to act as the reviewing agency and assess The Martin Co. for expenditures incurred.

Mr. Walter Kaczmarek
The Martin Co.
Pleasanton, CA 94566
June, 9, 1987
Page 3 of 3

Please call our office to schedule a meeting regarding these items.

If you have any questions, please contact Lowell Miller, Senior
Hazardous Materials Specialist, at 874-7237.

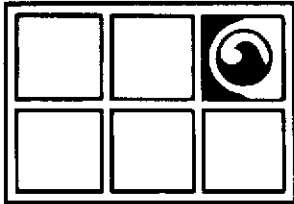
Sincerely,

Rafat A. SW

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mnc

cc: Howard Hatayama
Dale Bowyer, RWQCB
DOHS



**GROUNDWATER
TECHNOLOGY**

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

May 4, 1987
Project No. 20-8200
L8200D

MAY 07 1987

Mr. Greg Zentner
1111 Jackson Street
Room 6040
Oakland, California 94607

CONTROL UNIT

Re: NPDES permit application Bay Center Project,
Emeryville CA

Dear Mr. Zentner,

In response to our phone conversation on April 28, 1987, I'm forwarding you a copy of the Emeryville city ordinance No. 270, Title II, Section 2 which addresses discharge of treated groundwater to the community sewer.

Please inform me if I can supply you with any other information that would speed up the permitting process.

Thank you for your prompt attention on this matter.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley
Joyce M. Miley
Project Manager

JMM:lr
Enclosure

ORDINANCE NO. 270
As Amended by Ordinance No. 279, No. 293, No. 296 and No. 300

TABLE OF CONTENTS

		PAGE
TITLE I	GENERAL	
Section 1	Short Title	1
Section 2	Purpose	1
Section 3	Definitions	2
Section 4	Connection to Interceptor	7
Section 5	Storm, Drainage and Groundwater Prohibition - Interim Provisions	7
Section 6	Unusual Conditions	8
TITLE II	REGULATION OF WASTEWATER DISCHARGES	
Section 1	Permissible Discharges	8
Section 2	Prohibited Discharges	8
Section 3	Limitations on Discharges	10
Section 4	Federal Categorical Pretreatment Standards	11
Section 5	District Pretreatment Program	12
Section 6	Modification of Federal Categorical Pretreatment Standards	12
Section 7	Permits for Federal Categorical Pretreatment Standards	12
Section 8	Confidential Information - Federal Categorical Pretreatment Standards	13
TITLE III	DISCHARGER CLASSIFICATION AND CALCULATION OF SEWAGE DISPOSAL CHARGES	
Section 1	Classification	13
Section 2	Calculation of Sewage Disposal Charge	13
Section 3	Determination of Water Used	17
TITLE IV	WASTEWATER DISCHARGE PERMITS	
Section 1	Permit Requirement	18
Section 2	Application	20
Section 3	Terms and Conditions of Permit	21
Section 4	Change of Permit Terms and Conditions	22
Section 5	Transfer of Permit Prohibited	22
Section 6	Termination	22

Section 6
Unusual Conditions

Notwithstanding any provision of this Ordinance to the contrary, District and any discharger or public agency may enter into an agreement where unusual conditions compel special terms and conditions and charges for the interception, treatment, and disposal of the wastewater by the District.

TITLE II
REGULATION OF THE WASTEWATER DISCHARGES

Section 1
Permissible Discharges

Wastewater may be discharged into community sewers for interception, treatment, and disposal by the District provided that such wastewater does not contain substances prohibited, or exceed limitations of wastewater strength, set forth in this Ordinance; and provided further that the discharger pays all District sewage disposal charges and is in compliance with all terms of this Ordinance, including the permit provisions if applicable.

Section 2
Prohibited Discharges

a. General Prohibition. No person shall discharge wastewater into a community sewer which will result in contamination, pollution, or a nuisance.

b. Prohibited Effects. No person shall discharge wastewater into a community sewer if it contains substances or has characteristics which, either alone or by interaction with other wastewaters, cause or threaten to cause:

- (1) Damage to District facilities.

(2) Interference with or impairment of the operation or maintenance of District facilities.

(3) Obstruction of flow in sewers or interceptors.

(4) Danger to life or safety of any person.

(5) Interference with, or overloading of, treatment or disposal processes.

(6) Flammable or explosive conditions at or near District facilities.

(7) Wastewater or any other by-products of the treatment process to be unsuitable for reclamation and reuse, or interfere with any processes for reclamation.

(8) Noxious or malodorous gases or odors at or near District facilities.

(9) Discoloration or any other condition in the quality of the District's treatment plant effluent in such a manner that receiving water quality requirements established by law cannot be met by the District.

(10) Conditions at or near District facilities which violate any statute or any rule, regulation, or ordinance of any public agency or State or Federal regulatory body.

c. Prohibited Substances. No person shall discharge the following to a community sewer:

(1) Wastewater which is not polluted and meets requirements for and is acceptable for discharge to storm sewers or to

receiving waters of the State; provided that, the Manager may grant permission for the discharge of unpolluted wastewaters which comply with regulations of the public agency owning the community sewer.

(2) Garbage, except ground garbage from residential and commercial premises where food is prepared and consumed.

d. Prohibited Locations. Except for sewer construction and maintenance by public agencies and contractors, no person shall discharge any wastewater directly into a manhole or other opening in a community sewer system other than through side sewers approved by the public agency owning the system; provided that the Manager may grant permission for such direct discharges, upon written application, at locations approved by the public agency and upon payment of applicable sewage disposal charges to the District.

Section 3
Limitations on Discharges

a. Wastewater Strength Limits. No person shall discharge wastewater into a community sewer if the strength of the wastewater exceeds the following:

(1) Arsenic	2 mg/l
(2) Cadmium	1 mg/l
(3) Chlorinated Hydrocarbons (total identifiable)	.5 mg/l
(4) Copper	5 mg/l
(5) Cyanide	5 mg/l
(6) Iron	100 mg/l
(7) Lead	2 mg/l
(8) Mercury	0.05 mg/l
(9) Nickel	5 mg/l

DEPARTMENT OF HEALTH SERVICES

714/744 P STREET
SACRAMENTO, CA 95814
(916) 322-3670



April 14, 1987

Mr. Lowell Miller
Alameda County
Hazardous Materials Unit
470 27th Street, Third Floor
Oakland, CA 94612

Dear Mr. Miller:

ALTERNATIVE TECHNOLOGY SECTION INVOLVEMENT AT BAY CENTER SITE

As you know, the Alternative Technology Section has been involved in the Bay Center Site to support a demonstration project using the Furness process. Since the owner/developers are no longer pursuing this option, our Section will no longer be involved in this project. Any questions regarding the management of hazardous wastes at this site should be directed to the Northern California Coastal Section's office in Emeryville.

If interest in conducting this demonstration is renewed, please contact Ron Lewis of my staff at the number indicated above.

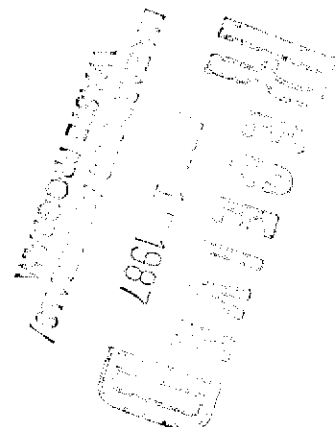
Sincerely,

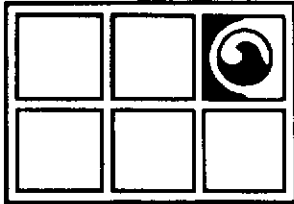
A handwritten signature in cursive script, appearing to read "David J. Leu".

for David J. Leu, Ph.D., Chief
Alternative Technology Section
Toxic Substances Control Division

cc: Howard Hatayama
North Coast California Section
Toxic Substances Control Division
2151 Berkeley Way, Annex 7
Berkeley, CA 94704

DJL:RL:it





**GROUNDWATER
TECHNOLOGY**

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

April 9, 1987
Project No. 20-8200
L8200C

CALIFORNIA REGIONAL WATER

APR 10 1987

Mr. Peter Johnson
Regional Water Quality Control Board
1111 Jackson St.
Room 6040
Oakland, CA 94607

QUALITY CONTROL BOARD

A3
652

ACAMRDS

Dear Mr. Johnson,

As requested by Mr. Walt Kaczmarek of the Martin Company, we are transmitting the result of additional groundwater testing at the Bay Center Project in Emeryville, California. We are hoping that this additional information will help expedite the processing of the NPDES permit which was applied for in March 1987. Please call us at 671-2387 if you have any questions regarding the enclosed materials.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley

Joyce Miley
Project Manager

JM:lr

Enclosure

cc: Walt Kaczmarek

DEPARTMENT OF HEALTH SERVICES

2151 BERKELEY WAY
BERKELEY, CA 94704

April 6, 1987

Mr. Lowell Miller
Alameda County Hazardous Waste Program
470 - 27th Street, Room #325
Oakland, California 94612

Re: Bay Center Site Proposal by the Martin Company

Dear Mr. Miller:

As we discussed in our meeting on March 24, 1987, the County will remain as the lead agency for the subject site and the Department will provide limited technical assistance upon request. In general, we support the proposal with the following comments:

1. Comments on "Proposal for on-site disposal of excess soil":

- On-site health and safety plan is essential to adequately protect workers during construction activities. We would like to stress that the requirements in the health and safety plan is enforceable and should be enforced.
- Dust control measures are needed to prevent off-site air dispersion of contaminated soil.
- The proposal should designate specific locations for each pile of excess soil. Calculations should be included for soil volume after excavation and the capacity available for such soil.
- Locations of methane monitoring probes for completed garage should be identified.
- Note that the proposed location of the retail building and security building happens to be near the area where the highest concentration of methane gas was detected.
- More downgradient monitoring wells should be installed (suggest at least two each on the south and the west border of the property, and preferably one more at the other side of the freeway, southwest to the property.

RECEIVED
APR - 11 1987
HAZARDOUS MATERIALS/
WASTE PROGRAM

- On-going monitoring report system and maintenance program for monitoring system should be required and described in detail.

- The design of early warning system for methane gas should be approved and signed by a registered Safety Engineer.

- Deed restriction should restrict any disturbance of subsurface soil without proper notice to and approval by the regulatory agencies.

2. Comments on "Assessment of Gas Emissions at the Bay Center Apartments Site" by GSF Energy Incorporated:

Page 1: The report concludes that the gas generation rate 7000 cfd was extremely low. Was this over the entire 8 acre site or an unit area? Either way , it seems to be very high to us.

Page 2: Refuse samples show very low raw material to support methane production. Yet probe measurements indicate very high methane content. The discrepancy should be explained.

3. Comments on " Subsurface Hydrocarbon Investigation for the Bay Center Report" by Groundwater Technology:

Page 5. Hand bailing is not a generally acceptable method of well development.

Page 9. Groundwater contamination:

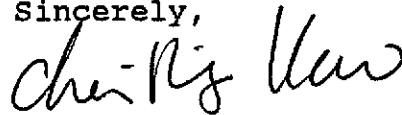
We do not have a copy of the report by Aqua Science, but just by comparing the numbers in Table III and Table VI, the report does not adequately explain why the data for MW-B differ in several order of magnitude between the two reports neither does it report any confirmation test to support either one of them.

Page 13. MW-A, where highest concentration of organics were detected, was not tested in the latest laboratory analysis, therefore it is premature to state that: "additional treatment for pesticides, PCB, and most acid and base/neutral organic compounds will not be necessary" It is important to verify the absence of non-volatile organics, since the treatment system was recommended based on the above statement.

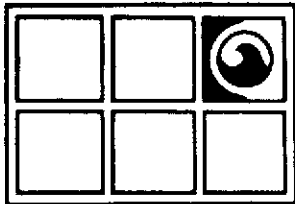
Appendix V. Groundwater treatment system: The report only discuss these systems in a conceptual manner. There is no site-specific design information. Off-the-shelf units may not be suitable since the extent of the plume is yet to be defined.

If you have any other questions, please contact me at (415) 540-3401.

Sincerely,



Chein Ping Kao P.E.
Associate Waste Management Engineer
North Coast California Section
Toxic Substance Control Division



GROUNDWATER TECHNOLOGY

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

April 1, 1987
Project No. 20-8200
L8200B

Mr. Walt Kaczmarek
The Martin Company
4256 Hacienda Drive
Suite 101
Pleasanton, CA 94566

Dear Mr. Kaczmarek,

This letter presents the results of the water sampling performed at the Bay Center Project for laboratory analyses for Lead, Copper, Arsenic and Cadmium concentrations. Originally we planned to sample four of the existing wells (MW-B, C, D, E) however, only two wells were accessible, MW-C was covered by a construction trailer and MW-D was covered by construction debris (See Figure 1, Site Plan).

Monitoring wells B and E were developed by hand bailing and sampled with an EPA approved Teflon sampler. The samples were collected in 500ml plastic bottles, acidified to a pH of less than 2 with Nitric acid and labeled immediately with job I.D., Sample number, date, time and type of analysis requested. The samples were then stored on ice in a thermally insulated cooler and kept with a Chain-of-Custody form until delivery to the laboratory. Analyses for Lead, Copper, Arsenic and Cadmium concentrations were conducted by atomic absorption using EPA methods 3550 for extraction and EPA methods 7421, 7211, 7060 and 7131 respectively for analyses. (See Table I & Lab Results).

TABLE I
WATER ANALYSES
(ppm)

	Lead	Copper	Arsenic	Cadmium
MW-B	0.30	0.10	0.29	ND
MW-E	0.44	0.13	0.59	ND

Mr. Walt Kaczmarek
April 1, 1987
Page 2

I trust this meets your needs at this time. If I can be of further assistance please call our Concord office at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley
Joyce M. Miley
Project Manager

JMM:lr

Enclosure

THE MARTIN COMPANY

HAND DELIVERED

March 30, 1987

Mr. Lowell Miller
Alameda County
Hazardous Materials Unit
470 27th Street
Third Floor
Oakland, CA 94612

RECEIVED
MAR 30 1987

RE: Bay Center Excess Soils

HAZARDOUS MATERIALS/
WASTE PROGRAM

Dear Lowell:

Our February 17, 1987 letter and study entitled "Excess Soil Treatment Pilot Study and Soils Abatement Action Alternatives for the Bay Center Construction Site in Emeryville, California" dated February 17, 1987 (a copy of which you have) characterizes our excess soils at the Bay Center site and describes several alternatives for the appropriate disposition of the material.

As you know, we have begun the construction of our parking garage at the site. This garage is two stories above grade. On the third level of the garage, a four story apartment complex will be built. Please also note that a 5,000 square feet retail building will be built at the first level of the garage along with a smaller building to be used for the apartment security and marketing personnel.

As discussed, the site soils in general have some lead and minor methane gas contamination. Additionally, spillage from underground fuel tanks (which have been removed for about one year) has resulted in some hydrocarbon contamination of underground water. In response to these issues, we had numerous studies performed (copies of all were sent to you) as follows:

1. "Soils and Groundwater Contamination Characterization of Bay Center Site in Emeryville, California" dated August 20, 1986 by Earth Metrics, Inc.
2. "Results of the Gas Emissions Tests of the Bay Center Construction Site" dated October 9, 1986 and "Assessment of Gas Emissions" at the Bay Center Apartment Site dated March 3, 1987 by GSF Energy, and

Mr. Lowell Miller
March 30, 1987
Page two

3. "Report Subsurface Hydrocarbon Investigation, Bay Center Project, Emeryville, California" dated March 17, 1987 by Groundwater Technology, Inc.

Additionally, we are performing additional tests of the water for lead, arsenic, copper and cadmium. The results of these tests should be available in about one week. It should be noted that Mr. Chein Ping Kao at the DOHS located in Emeryville, also, has copies of the above reports. Also, the Regional Water Quality Control Board (Peter Johnson) has recently been sent our report from Groundwater Technology.

In response to the contamination issues, as we agreed, we have or will follow the recommendations of the above reports for both the office buildings and apartments. Specifically, we have or will:

1. Make sure that all contaminated soils left in place or put into excavations from construction activities will be covered either by asphalt or concrete except in landscaped areas. In landscaped areas, at least 16" to 18" inches of clean soil will be placed over any contaminated or potentially contaminated soil.
2. Underground (below grade level) areas of any building will be ventilated and metered for potential methane gas intrusion. It should be noted that only the elevator pits are below grade level (underground). We have or will install a mechanical system for pulling methane gas out of the pits and dispersing it above the buildings. Additionally, each pit will have a probe for monitoring any potential methane gas intrusion. Such probe will send signals back to a metering device located in the electrical room. Such device will notify our fire security personnel (via telephone lines) if methane gas reaches 5% of LEL. Such personnel will then notify the owner or its designee of the problem, at which time the installed ventilation system will be increased in order to remove the methane gas from the pit. If for some reason the metering device reaches 20% of LEL (which is unlikely), it will activate the building's general fire alarm which will initiate a general evacuation of the building until the problem is resolved.

We will line the underground vaults (that are away from the buildings) with a liner that is impermeable to methane. Additionally, we will keep a portable combustible gas

Mr. Lowell Miller
March 30, 1987
Page three

detector at our management office for use by people prior to entering underground vaults. Please note that PG&E and Pac Bell have requested that we not line their vaults since, as a matter of policy, they test such vaults prior to entering and use portable fans for ventilating such areas, if necessary.

Additionally, as we indicated at our meeting on Friday, March 27, 1987, underground utilities brought up from under the slab of the garage will not be encased in a framed shaft of concrete or any other material. They will run up through the second floor of the garage without such framing. Thus, if any gas should penetrate through the garage ground floor slab at these penetrations, it will dissipate quickly (since the garage is an open air structure) rather than run up to the apartment level via the framed shaft.

3. Clean the hydrocarbon contaminated underground water as recommended by our Groundwater Technology report and the Regional Water Quality Control Board. Such process will most likely consist of an air filtration system.

Additionally, in regards to the excess contaminated soils, we will put such soil (untreated) underneath the concrete slab on the first level of the garage. This request seems consistent with our approach on the rest of the site since the soil will be sealed from public access by the concrete slab in a similar fashion as the other contaminated material. This is both safe and consistent.

In order to encapsulate the excess contaminated soil under the concrete slab, we will agree to the following:

- A. A deed restriction will be placed on the apartment property. Such restriction will restrict future development of the property to a similar type of residential project (e.g. apartments or condominiums above a parking structure, not single family residences at grade level) and commercial/industrial uses. It will also indicate that the Alameda County Hazardous Materials Unit should be contacted prior to the commencement of any construction on site which will require going below grade level since contaminants potentially exist below grade.

Mr. Lowell Miller
March 30, 1987
Page four

- B. The owner will sign an agreement with a governmental agency to pay the expenses of such agency for ongoing monitoring of the property. Such expense agreement will fix the annual cost to be paid by owner between \$2,000 and \$5,000.

Lowell, as you know, time is of the essence. I will call you late this week to discuss these solutions.

Sincerely,

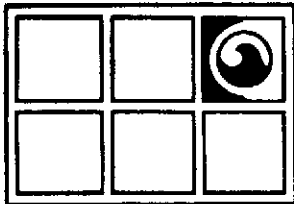
BAY CENTER ASSOCIATES
BAY CENTER APARTMENT ASSOCIATES



Walter T. Kaczmarek

WTK/ms

cc: Rafit Shahid
Chein Ping Kao
Mark Pappineau
Bob Wyatt



GROUNDWATER TECHNOLOGY

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

March 30, 1987
Project No. 20-8200
L8200B

CALIFORNIA REGIONAL WATER

MAR 31 1987

QUALITY CONTROL BOARD

Mr. Peter Johnson
Regional Water Quality Control Board
1111 Jackson Street Rm. 6040
Oakland CA 94607

Dear Mr. Johnson:

Enclosed please find an application for an NPDES permit to operate an air stripping tower and recovery fuel storage tank at the Bay Center Project. The project covers a 2 block area between LaCoste and Bay Streets and 64th and 65th Street in Emeryville, California.

During development of the site by the Martin Company in 1986, 12 underground fuel storage tanks belonging to the previous owners were removed. At the time of tank removal both soil and groundwater hydrocarbon contamination was discovered. In July 1986 Aqua Science Engineers, Inc. began a preliminary assessment to determine the extent of contamination. Groundwater Technology, Inc. has been retained by the Martin Company to provide technical services and equipment, including the design and installation of recovery/treatment facilities.

Air stripping has been recommended as the preferred treatment technology. Groundwater Technology understands that a permit is required from your office prior to discharge of the treated water from this system to the existing storm drain on 65th street.

Because we are anticipating the presence of free floating hydrocarbons on the water table, Groundwater Technology, Inc. will be installing a double-pump system within the recovery well. One pump will depress the water table, forming a "cone of

Mr. Peter Johnson
March 30, 1987
Page 2

depression". The second pump will recover any free floating fuel which collects within the recovery well. Recovered product will be stored on-site in a 630 gallon cylindrical polypropylene tank. The product recovery pump will operate automatically whenever free product is present in the recovery well. It is impossible to predict recovery rates prior to operation; therefore, Groundwater Technology will monitor the tank daily to quantify recovery rates.

The water table depression pump and the air stripping system will operate continuously. It is anticipated that the recovery well can sustain pumping rates of 1 to 3 gpm. The contaminated groundwater will be treated using a one foot diameter by 27 foot tall air stripping tower. Based upon the enclosed analytical laboratory data (See Appendix B), Groundwater Technology anticipates influent concentrations of 15 ppm total volatile organic compounds to the air stripping system. With this defining parameter, effluent concentrations in the water discharged to the storm drain will be less than 0.02ppb (non-detectable).

During operation of the treatment system, influent and effluent water will be monitored. The system will initially be operated without discharging the effluent while obtaining effluent analysis to verify compliance with RWQCB requirements. Influent and effluent samples will be obtained bi-weekly for the first month. After the first month, liquid influent and effluent will be monitored on a monthly basis until discharge concentrations have stabilized.

Groundwater Technology, Inc. would like to install this system and initiate operation as quickly as possible. If you have any questions please call Joyce Miley or Dave Drury at (415) 671-2387. Please note that I have enclosed a check for \$500.00 to cover the application fee.

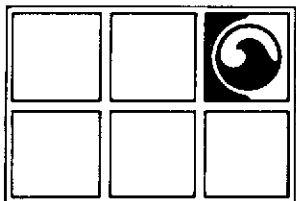
Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce M. Miley
Joyce M. Miley
Project Manager

David D. Drury
David D. Drury
Chemical Engineer

JMM:DDD:lr
Enclosure

PCJ
II



**GROUNDWATER
TECHNOLOGY, INC.**
OIL RECOVERY SYSTEMS

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

March 26, 1987

Mr. Peter Johnson
Regional Water Quality
Control Board
1111 Jackson St.,
Rm 6040
Oakland, CA 94607

CALIFORNIA REGIONAL WATER

MAR 30 1987

QUALITY CONTROL BOARD

Dear Mr. Johnson,

Enclosed please find the report titled, "Subsurface Hydro-carbon Investigation Bay Center Project Emeryville, California." Mr. Walt Kaczmarek of The Martin Company has requested I forward this to you to expedite the installation of the recovery system. Groundwater Technology would like to install the recovery system beginning in mid-April, prior to the start of construction at the site, which is scheduled for late April.

The Bay Area Air Quality Management District is currently processing our air emissions application, and an NPDES permit is being applied for. We understand that operation of the system can not begin until all permits are approved, but we would like your permission to proceed with the proposed recovery operations as soon as possible so as not to delay the site improvement construction.

If you have any questions or need further information please feel free to contact myself or Jan Jacobson at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley
Joyce M. Miley
Project Manager

II
3/22/87
LST

JM:jd
Enclosure
cc. Walt Kaczmarek

Bay Center Project
65th & Christie
Barrett

1/ARCHER

Mr. Peter Johnson
March 30, 1987
Page 2

depression". The second pump will recover any free floating fuel which collects within the recovery well. Recovered product will be stored on-site in a 630 gallon cylindrical polypropylene tank. The product recovery pump will operate automatically whenever free product is present in the recovery well. It is impossible to predict recovery rates prior to operation; therefore, Groundwater Technology will monitor the tank daily to quantify recovery rates.

The water table depression pump and the air stripping system will operate continuously. It is anticipated that the recovery well can sustain pumping rates of 1 to 3 gpm. The contaminated groundwater will be treated using a one foot diameter by 27 foot tall air stripping tower. Based upon the enclosed analytical laboratory data (See Appendix B), Groundwater Technology anticipates influent concentrations of 15 ppm total volatile organic compounds to the air stripping system. With this defining parameter, effluent concentrations in the water discharged to the storm drain will be less than 0.02ppb (non-detectable).

During operation of the treatment system, influent and effluent water will be monitored. The system will initially be operated without discharging the effluent while obtaining effluent analysis to verify compliance with RWQCB requirements. Influent and effluent samples will be obtained bi-weekly for the first month. After the first month, liquid influent and effluent will be monitored on a monthly basis until discharge concentrations have stabilized.

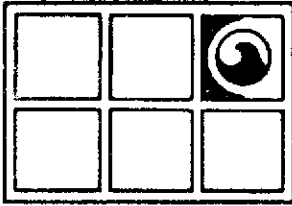
Groundwater Technology, Inc. would like to install this system and initiate operation as quickly as possible. If you have any questions please call Joyce Miley or Dave Drury at (415) 671-2387. Please note that I have enclosed a check for \$500.00 to cover the application fee.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley
Joyce M. Miley
Project Manager

David D. Drury
David D. Drury
Chemical Engineer

JMM:DDD:lr
Enclosure



**GROUNDWATER
TECHNOLOGY**

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

March 24, 1987
Project No. 20-8200

Mr. Walt Kaczmarek
The Martin Company
4256 Hacienda Drive, Suite 101
Pleasanton, California 94566

Dear Mr. Kaczmarek:

Enclosed please find the report titled, "Subsurface Hydrocarbon Investigation for the Bay Center Project, Emeryville, California." This report presents the results of Groundwater Technology's findings and subsequent engineering design for the site since December 1986.

Let me know if you would like a copy forwarded to the Regional Water Quality Control Board.

If you have any questions or comments, please call our Concord office at (415) 671-2387.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Joyce Miley
Joyce M. Miley
Project Manager

JMM:kmh
Enclosure

cc: Alan McKay

THE MARTIN COMPANY

HAND DELIVERED

March 23, 1987

Mr. Lowell Miller
ALAMEDA COUNTY
HAZARDOUS MATERIALS UNIT
470 27th Street, Third Floor
Oakland, CA 94612

RE: Bay Center Excess Soils

Dear Lowell:

Our February 17, 1987 letter and study entitled "Excess Soil Treatment Pilot Study and Soils Abatement Action Alternatives For The Bay Center Construction Site in Emeryville, California" dated February 17, 1987, characterizes our excess spoils at the Bay Center site and describes several alternatives for the appropriate disposition of the material.

As you know, we have begun the construction of our parking garage at the site. This garage is two stories above grade. On the third level of the garage, a four story apartment complex will be built.

As discussed, the site in general has some lead contamination in the soil. As agreed between us, we have or will make sure that all contaminated or potentially contaminated soil left in place or put in excavations from construction activities will be covered either by asphalt or concrete except in landscaped area. In landscaped areas, as agreed, at least 16 to 18 inches of clean soil will be placed over any existing soils.

In regards to the excess spoils, we are requesting that we be allowed to put it (untreated) underneath the concrete slab on the first level of the garage. This request seems consistent with our approach on the rest of the site since the soil will be sealed from public access by the concrete slab in a similar fashion as the other contaminated or potentially contaminated soil.

Mr. Lowell Miller
March 23, 1987
Page two

Lowell, we have discussed this issue for some time now without reaching a conclusion. Unfortunately, the garage is now under construction and if we are going to put the excess soil under the slab, the conclusion must be reached shortly (next two weeks). We are making this recommendation since it is a safe method of resolving the problem and it is logical and consistent with our overall program at the site. I will call you Wednesday March 25 or Thursday March 26, to discuss this issue.

Sincerely,



Walter Kaczmarek

cc: Rafat Shahid
Mark Pappineau
Bob Wyatt
Alan McKay

Enclosure

WTK/pla

THE MARTIN COMPANY

March 6, 1987

Mr. Lowell Miller
Alameda County
Hazardous Materials Unit
470-27th Street
Third Floor
Oakland, CA 94612

RECEIVED
MAR 12 1987
HAZARDOUS MATERIALS/
WASTE PROGRAM

RE: Bay Center Apartments
Emeryville, California

Dear Lowell:

Included, as I promised, is the additional report for Gas Emissions at the Bay Center Apartment site across from our office buildings on Christie Street. As I indicated previously, we will follow the recommendations of the report for the construction of the apartment buildings.

Sincerely,


Walter T. Kaczmarek

WTK/ms
Enclosure

THE MARTIN COMPANY

RECEIVED
MARCH 1987

March 3, 1987

HAZARDOUS MATERIALS/
WASTE PROGRAM

Mr. Lowell Miller
Alameda County
Hazardous Materials Unit
470-27th Street
Third Floor
Oakland, CA 94612

RE: Bay Center Apartments
Emeryville, California

Dear Mr. Miller:

Enclosed please find a set of reduced plans for our Bay Center Apartments. The project consists of a two story open garage (not enclosed from outside air) above grade with a four story apartment complex above it. It will be situated on the 8+ acres of property on the east side of Christie Street from our office project.

The soils, gas and water reports that have been given to you for the office project were performed on the entire site which includes the apartments. We will follow the approved recommendations of those reports just as we did on the office project. Additionally, as you have requested, the gas report will be updated to clarify its appropriateness for the apartment project.

If you should need additional information, please do not hesitate to call me. As you know, we expect to begin pile driving for the parking structure in early March 1987 (March 2, 1987). Also, the gas report update should be complete within two weeks.

Sincerely,


Walter T. Kaczmarek

WTK/ms
Enclosures

FORM 1 GENERAL	U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permitting Program <i>(Read the "General Instructions" before starting.)</i>	I. EPA I.D. NUMBER _____
-----------------------------	--	-----------------------------

I. EPA I.D. NUMBER _____ III. FACILITY NAME _____ V. FACILITY MAILING ADDRESS _____ VI. FACILITY LOCATION _____	PLEASE PLACE LABEL IN THIS SPACE	GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in areas below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.
--	----------------------------------	---

II. POLLUTANT CHARACTERISTICS
 INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements: see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK X			SPECIFIC QUESTIONS	MARK X		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)	X			B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2C)	X		
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)	X			H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 23 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)	X			J. Is this facility a proposed stationary source which is NOT one of the 23 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1 | SKIP | The Martin Company / Bay Center

IV. FACILITY CONTACT

A. NAME & TITLE (Last, First, & Title)	B. PHONE (area code & no.)
2 Kaczmarek Walt	415 463 3773

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX		
3 4256 Hacienda Drive Suite 101		
B. CITY OR TOWN	C. STATE D. ZIP CODE	
4 Pleasanton	CA	94566

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
5 Bay Center Project			
B. COUNTY NAME			
Alameda			
C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE
6 Emeryville	CA	94608	

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST		B. SECOND	
0150 (specify)	Building, Construction, Cntrs.		(specify)
C. THIRD		D. FOURTH	
7 (specify)		7 (specify)	

VIII. OPERATOR INFORMATION

A. NAME		B. Is the name listed in Item VIII-A also the owner?
GROUNDWATER TECHNOLOGY, INC.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

C. STATUS OF OPERATOR (Enter the appropriate letter in the answer box; if "Other", specify.)		D. PHONE (area code & no.)
F - FEDERAL S - STATE P - PRIVATE	M - PUBLIC (other than federal or state) O - OTHER (specify) P (specify)	415 671 2387

E. STREET OR P.O. BOX
4080 PIKE LANE, SUITE D

F. CITY OR TOWN	G. STATE	H. ZIP CODE	I. INDIAN LAND
CONCORD	CA	94520	Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)	D. PSD (Air Emissions from Proposed Sources)
9 N I	9 P
B. UIC (Underground Injection of Fluids)	E. OTHER (specify)
9 U	9 (specify)
C. RCRA (Hazardous Waste)	E. OTHER (specify)
9 R	9 (specify)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

(This area is blank in the image)

XIII. CERTIFICATION (See instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (Type or print)	B. SIGNATURE	C. DATE SIGNED
Walter T. Kaczmarek V.P.	Walter T. Kaczmarek	3/3/87

COMMENTS FOR OFFICIAL USE ONLY

Please type or print in the unshaded areas only.		EPA ID Number (copy from item 1 of Form 1)		Form Approved OMB No. 2040-0086 Approval expires 7-31-88			
Form 2E SPOLS	EPA Facilities Which Do Not Discharge Process Wastewater						
I Receiving Waters							
For this outfall, list the latitude and longitude, and name of the receiving water(s).							
Outfall Number (list)	Latitude		Longitude		Receiving Water (name)		
	Deg	Min	Sec	Deg	Min	Sec	
	37	50	40	122	17	40	Storm Drain, 65th St. Between Bay and
II Discharge Date (If a new discharger, the date you expect to begin discharging)							
May 1, 1987				LaCoste, Emeryville			
III Type of Waste							
A. Check the box(es) indicating the general type(s) of wastes discharged.							
<input type="checkbox"/> Sanitary Wastes		<input type="checkbox"/> Restaurant or Cafeteria Wastes		<input type="checkbox"/> Noncontact Cooling Water			
				<input checked="" type="checkbox"/> Other Nonprocess Wastewater (Identify)			
				Treated Groundwater			
B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.							
IV Effluent Characteristics							
A. Existing Sources — Provide measurements for the parameters listed in the left-hand column below, unless waived by the permitting authority (see instructions).							
B. New Dischargers — Provide estimates for the parameters listed in the left-hand column below, unless waived by the permitting authority. Instead of the number of measurements taken, provide the source of estimated values (see instructions).							
Pollutant or Parameter	(1) Maximum Daily Value (include units)		(2) Average Daily Value (list year) (include units)		(3) Number of Measurements Taken (list year)	(4) Source of Estimate (if new discharger)	
	Mass	Concentration	Mass	Concentration			
Biochemical Oxygen Demand (BOD)							
Total Suspended Solids (TSS)							
Fecal Coliform (if allowed present or if sanitary waste is discharged)							
Total Residual Chlorine (if chlorine is used)							
Oil and Grease							
*Chemical oxygen demand (COD)							
*Total organic carbon (TOC)							
Ammonia (as N)							
Discharge Flow	Value	5GPM		2GPM		2	
pH (give range)	Value	7-8		7-8		Analyses (attached)	
Temperature (Winter)			°C				
Temperature (Summer)			°C				
*If noncontact cooling water is discharged See Attached Groundwater Analyses							

V. Except for leaks or spills, will the discharge described in this form be intermittent or seasonal? Yes No
If yes, briefly describe the frequency of flow and duration.

VI. Treatment System (Describe briefly any treatment systems used or to be used)

Air Stripping of groundwater contaminated with petroleum hydrocarbons. The proposed tower is a 1' diameter by 27' tall FRP shell; packing material is polypropylene tripacks. The tower will be operated at an air to water ratio of between 10 and 20 to 1.

VII. Other Information (Optional)

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations. Attach additional sheets, if necessary.

Estimated influent 15ppm THC
Estimated Effluent 0.02ppb
Summaries of groundwater analyses are attached.

VIII. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name & Official Title

Walter T. Kaczmarek - VP.

B. Phone No. (area code & no.)

415-463-3773

C. Signature

Walter T. Kaczmarek

D. Date Signed

3/31/87

THE MARTIN COMPANY

February 23, 1987

RECEIVED
MAR 10 1987
HAZARDOUS MATERIALS/
WASTE PROGRAM

Mr. Lowell Miller
Alameda County
Hazardous Materials Unit
470-27th Street
Third Floor
Oakland, CA 94612

RE: Bay Center Apartments
Emeryville, California

Dear Mr. Miller:

Enclosed please find a set of reduced plans for our Bay Center Apartments. The project consists of a two story open garage (not enclosed from outside air) above grade with a four story apartment complex above it. It will be situated on the 8 \pm acres of property on the east side of Christie Street from our office project.

The soils, gas and water report that have been given to you for the office project were performed on the entire site which included these apartments. We will follow the approved recommendations of those report just as we did on the office project. Additionally the gas report will be updated to clarify its appropriateness for the apartment project.

If you should need additional information, please do not hesitate to call me. As you know, we expect to begin pile driving from the parking structure in early March 1987 (March 2, 1987).

Sincerely,

Walter T. Kaczmarek

Walter T. Kaczmarek

WTK/ms
Enclosures

Review this
LM

2/18/07

This letter was not sent

Dr. David Leu, Chief
Alternative Technology Section
Toxics Substances Control Division
CA Department of Health Services

Sacramento, CA 95814

Dear Dr. Leu:

On January 9, 1987 a test run of the process developed by Mr. James Furness was performed at the Bay Center Site at Emeryville, CA. The purpose of the test was to determine the economic feasibility of the process as an alternative to excavation of the lead contaminated soils on the site.

The process consisted of mixing portions of sodium silicate, "Ca PPP", and water with material known to be contaminated with lead. The samples were taken from the Bay Center Site. Alameda County was present during the test run and represented by Lowell Miller. A sample of the untreated soil and the treated soil was taken at that time and analyzed by our laboratory. A copy of the test results are attached.

Examination of these results indicate that the pH of the treated sample is 12.2. This finding presents a significant concern to our department. Although the treated material passes the CA WET test, the high pH would still render it a hazardous waste under definitions under Title 22, California Administrative Code.

We would be happy to cooperate with you in utilizing the Bay Center Site as a demonstration project for possible lead fixation technology. We would however need further information from you regarding this process so we can determine if the suggested technology would be successful. We would appreciate receiving published papers regarding the process i.e, its chemistry, types of equipment involved, quality control parameters, and results of tests on the fixed wastes from other sites in the state. We would also appreciate the scientific or engineering reports that Mr. Furness mentioned concerning his work with foundry sands and other related projects. It is also our understanding that a Professor George Trizek at UC Berkeley is studying a similar process. Any information that Prof. Trizek could submit regarding this process would be particularly useful. The specific test results from the Bay Center site should also be forwarded to this office.

According to Sec. 66216, the proposed process would be considered a treatment technology. As such it would require a variance from your department under Sec. 66310. It would be most helpful if your office could make arrangements to obtain the variance so that further testing

or treatment could continue without any delay.

We shall be looking forward to meeting with you on February 23, 1987 to discuss this matter. If you have any questions please contact Lowell Miller at (415) 874-7237.

Sincerely,

Rafat Shahid

file: bayctr.tst



earth metrics incorporated

February 17, 1987

Mr. Lowell Miller
Alameda County
Hazardous Materials Unit
470 27th Street, Third Floor
Oakland, CA 94612

Subject: Bay Center Soil Treatment Test Results
(Earth Metrics file reference A9507.B1)

Dear Lowell:

Enclosed is our report on the soil treatment test results for Bay Center, Emeryville. We have previously discussed these results, pending receipt of the formal laboratory documentation. Brown & Caldwell has assured that the oven drying procedure was identical with Mr. Barney Chan's recommended procedure.

Also, in the report is a color aerial photograph showing the stockpiled soil at Bay Center. Based upon the findings of the Soil Characterization Report of August 1986, it is our recommendation to The Martin Company to remove the clean fill, including pea gravel and Garret foundation fill. The Martin Company has expressed its intent to do this on February 23, 1987.

It is our further recommendation to The Martin Company, based upon all of the past and current soil test results, that the contaminated soil be aggregated in one or two locations on site prior to appropriate disposition. If the appropriate disposition is soil treatment, The Martin Company has expressed its intent to begin treatment on March 1, 1987.

Thank you for your assistance and guidance during the pilot soil treatment test.

Sincerely,

Marc Papineau
Department Manager

MP/ag

cc: Mr. Chein Kao
Mr. Walter Kaczmarek



EAST BAY MUNICIPAL UTILITY DISTRICT _____ 2130 ADELPHI STREET, P.O. BOX 24055 OAKLAND, CA 94623 • (415) 835-3000

October 14, 1986

Terrence E. Carter
Aqua Science Eng. Inc.
P.O. Box 535
San Ramon, CA 94583

Dear Mr. Carter

The purpose of this letter is to respond to your October 14, 1986 request to discharge approximately 35,000 gallons of polluted groundwater into the sanitary sewer. This groundwater, per my conversation with Mr. Robert Russy, is from an underground tank excavation at 65th and La Coste Streets in Oakland and has been measured to contain .66 ppm of hydrocarbons.

The District Wastewater Control Ordinance prohibits the discharge of any groundwater into a manhole or other opening in a community sewer system other than through side sewers approved by the public agency owning the system. The District may grant permission for such direct discharges, upon written application, at locations approved by the public agency and upon payment of applicable sewage disposal charges to the District.

If you require additional information, contact K.G. Ladensack at 465-3700 extension 130.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'K.G. Ladensack', is written over the typed name.

Kurt G. Ladensack
Supervisor,
Industrial Discharger Section



BOARD OF DIRECTORS: SANFORD M. SKAGGS, President KENNETH H. SIMMONS, Vice President
HELEN BURKE JACK HILL KENNETH KOFMAN WALTER R. McLEAN MARY C. WARREN



October 12, 1986

East Bay Municipal Utilities District
2131 Adeline
Oakland, CA.

**RE: REQUEST TO DISCHARGE 35,000 GALLONS OF WATER TO
SANITARY SEWER.**

We are requesting permission to discharge an estimated 35,000 gallons of water from a former motor fuel tank pit located at 65th and LaCoste St. to EBMUD sanitary sewer. During tank removal, groundwater collected in the tank pit and prior to backfilling the tank pit, it will be necessary to remove the water. Laboratory analysis of the water indicate that total motor fuel hydrocarbons are 0.66 ppm.

Your expedient attention to this request will be greatly appreciated. Please call Terry Carter at 415 820-9391 if you have any questions.

Sincerely,

Terry
Terrance E. Carter
Engineering Services



earth metrics incorporated

August 26, 1986

Mr. Rafat Shahid
Alameda County
Hazardous Materials Unit
470 27th Street, Third Floor
Oakland, CA 94612

Subject: Bay Center, Emeryville
Contamination Characterization (EM file reference 9507)

Dear Mr. Shahid:

Enclosed is the characterization and remediation recommendation for Bay Center, a future office complex in Emeryville, California. The characterization is consistent with the Draft Work Plan for Soil Contamination (May 19, 1986) and Addendum Draft Work Plan (June 11, 1986), as amended by your letter of June 26, 1986.

In particular, the enclosed report contains the following information requested in your letter of June 26, 1986:

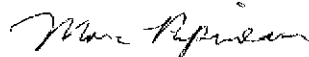
- * Metals analysis per your specifications and full metals scans
- * Copy of EPA Method 9022 (included as Appendix A)
- * Observations of site conditions (included as Section 4)
- * Hygiene and Safety Plan (included as Appendix B)
- * Benzene measurement results (refer to Section 5.2)
- * Groundwater monitoring well results (in Section 3) and well logs (in Appendix D)
- * Discussion of remedial actions, costs, and benefits, including our recommendation of the preferred alternative

Also, the characterization reiterates the known facts about the historic uses of the Bay Center site for bay fill and truck transportation.

As you may know, construction of infrastructure serving the site is progressing. Numerous stockpiles are in interim storage, pending agency consideration of the preferred remedial actions. Any agency coordination by you to expedite processing of this report would be greatly appreciated by The Martin Company, Bay Center developer.

We appreciate your and Mr. Lowell Miller's time and guidance in the preparation of the characterization study. Please call me regarding the date of the coordination meeting, or if you or Lowell have any questions about the report.

Sincerely,



Marc Papineau
Department Manager

Enclosure

cc. Mr. Lowell Miller



earth metrics incorporated

94608

Bay Center

May 20, 1986

Mr. Rafat Shahid, Manager
Hazardous Materials Program
County of Alameda Health Care Services
470 27th Street, Third Floor
Oakland, CA 94612

Subject: Bay Center, Emeryville/Draft Work Plan
(Earth Metrics file reference A9452)

Dear Mr. Shahid:

Please find enclosed our Draft Work Plan for characterization of soils contamination at the proposed Bay Center, Emeryville. The Draft Work Plan incorporates methodologies recommended in SW846 and is fully responsive to your letter dated May 1, 1986 (refer to page 2, items 1, 2, and 3). Specifically, the Draft Work Plan will provide data sufficient to document concentration ranges and volumes of potentially hazardous materials in site soils, per requirement #1 (page 3) of your letter.

Item #4 (page 2) is a recommendation for a selected number of gas wells to monitor for the presence or absence of methane. A review of the drilling logs indicates that only dry fill has been placed on site. There is no evidence of sanitary fill containing biodegradable organics that might generate methane gas when present in sufficient mass.

In place of gas monitoring wells, we recommend in the Draft Work Plan that two groundwater monitoring wells be emplaced. These will be useful for screening presence or absence of Title 22 heavy metals, hydrocarbons, and other priority pollutants in groundwater. Based on the above screening, analytes of the soils tests will be determined.

Demolition, grading, landscaping, and other engineering plans have already been submitted to Mr. Lowell Miller of your department on May 6, 1986. Attached is the grading schedule. These submittals are in response to item #5 (page 2) of your letter.

Also in response to your letter, item #6 (page 2) and requirement #4 (page 3), appropriate occupational health protection measures are being provided by a certified industrial hygienist. Mr. Gene Gallagher, C.I.H., of Thermo Analytical/ERG has recommended a two part program of i) worker hygiene guidelines and ii) personal monitoring for airborne dust/lead exposure. The program will be implemented immediately upon your approval of the Draft Work Plan and prior to the start of grading and trenching.

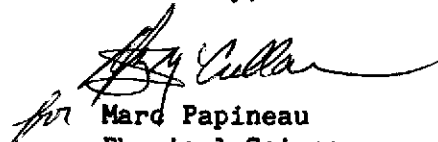
We respectfully request that our client, The Martin Company, be allowed to conduct the preconstruction activities in the attached grading schedule, concurrently with our characterization program, and subject to the following terms and conditions:

- A. Provision of worker safety per the recommendations of the certified industrial hygienist.
- B. Excavated material from utility trenches, pilot guide holes (15 foot depth), or grading be stockpiled, tarped, and tested within 48 hours of digging. No material to be redistributed on site or removed off site without authorization from your department.
- C. Characterization and removal of material contaminated with aldrin. No material suspected of containing aldrin to be redistributed on site or removed off site without prior authorization.

In addition, we ask that Alameda County finalize the plan for hydrocarbons contamination clean up around tank pits. This work on underground storage tank removal and abatement is being performed by a separate contractor, Aqua Sciences Inc.

If you have any questions about the Draft Work Plan, please call me.

Sincerely,


for Marc Papineau
Physical Sciences
Department Manager

MP:ag

Enclosure

cc: ✓ Mr. Lowell Miller

Records Organize Go To Exit
SITENAME GARRETT FREIGHT LINE CASENO.# RBFILENO 01-0682
STREETNO STREET 64TH & LACOSTE HOW DISCOVERED TC
CITY EMERYVILLE ZIP DISCVRDATE 05/05/86
COUNTY 01 LOCALAGENCY 01000 MOPNO HOWSTOPPED CT STOPDATE 05/05/86
PRIORITY X: XXXXX Y: XXXXX LAT: XXXXX LON: XXXXX LEAKSOURCE T LEAKCAUSE F

ENTERDATE 00/00/00 REVIEWDATE 08/24/94 CORRDATE 05/05/86 RPTDATE 05/05/86
UPDATE REVSTAT C STAFF KLG FUNDING F NO.WELLS: PILOTPRPGM Y

PRIM SUB 12036 SEC SUB MAXSOIL 0 MAXGW 0
MAXBENZENE 0 BENZENE 0 GWDEPTH CASETYPE S STATUS 0

DATE 1 00/00/00 DATE3A 00/00/00 DATE3B 00/00/00 DATE5C 00/00/00
DATE5R 00/00/00 DATE 7 00/00/00 DATE 8 00/00/00 DATE 9 00/00/00

INTERIM INTERIMDATE 00/00/00 ABATEMETHOD NT LEADAGENCY L

CASELIST FUEL ENFORCETYPE ENFORCEDATE 00/00/00 RPSEARCH

COMMENT SENT FILE TO LOP 8/94

Edit CD:\fuels\FUELDB Rec 758/2127 File NumCaps

Possible new date

ALAMEDA COUNTY
HEALTH CARE SERVICES

Dave Kears

AGENCY

Agency Director



E

01-0682 B
Dale Bowyer

May 1, 1986

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

CALIFORNIA REGIONAL WATER

Mr. Walter Kaczmarek
The Martin Company
391 Diablo Road
Danville, CA 95626

MAY 05 1986

QUALITY CONTROL BOARD

Dear Mr. Kaczmarek:

We have received the following documents regarding your Garrett Freight Line, Emeryville site, located at 64th and LaCoste.

1. Draft Soils Contamination Characterization Plan (3/14/86).
2. Boring logs associated with above plan.
3. Core logs/sample preparation technique (4/3/86).
4. Sample Preparation Technique for Metal Analysis (4/3/86).
5. Aerial photographs, 1947-1985 (4/3/86).

We have received the plan and documents and had a preliminary meeting with your general contractor, Mr. Russi, at the site. As was discussed during that meeting, there are four different conditions concerning your site that need to be addressed:

1. An area where a drum was leaking, which was subsequently removed by IT Corporation, under the direction of the California Department of Health. Some residual soil contamination remains from this spill.
2. Approximately 30 drums of unidentified waste, are distributed throughout the site. Two of these drums are leaking.
3. Eleven underground tanks have been removed and the soils excavated have been put into piles and some have been covered with tarps, while they are being characterized.
4. Various piles of soil removed during the demolition have been uncovered and are awaiting further characterization.

Page 2 of 3
May 1, 1986
Mr. Walter Kaczmarek
Danville, CA 95626

You have been directed to characterize and remove the leaking drums within 24 hours of the date of their discovery.

We have reviewed the plan and documents and have determined that your March 14, 1986 plan, does not adequately characterize the site or completely ensure that it's subsequent use will sufficiently protect the public health and safety. Under sections 25181 and 25187 of the California Health and Safety Code, the Alameda County Health Care Services Agency requests that you submit an adequate plan, that will at the minimum, include the following:

1. Proper sample drilling and sample collection methods in accordance with EPA and California guidelines. The County must be notified 48 hours prior to drilling, excavation, or collection, so as to be able to collect split samples. Failure to provide split samples may result in the invalidation of test results.
2. Additional subsurface samples that will characterize the potential hazardous materials in the areas that will be Chrystie Street extended.
3. The appropriate EPA and California Chemical analytical methods must be used. A review of the drilling logs indicates that metals and other organics may be present. These must be characterized.
4. A selected number of gas wells should be emplaced, so as to determine whether methane or other organic volatile materials may evolve from the site.
5. Demolition and grading plans for the site must be submitted.
6. A plan for ensuring that all workers on site are provided with appropriate safety equipment which would protect them according to the degree of risk that the hazardous materials present. ..

Page 3 of 3
May 1, 1986
Mr. Walter Kaczmarek
Danville, CA 95626

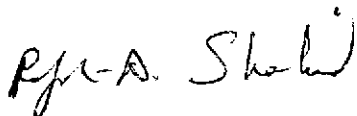
The action plan in your March 14, 1986 submittal is also inadequate. The results from a proper characterization must be available before an appropriate action plan can be considered. At a minimum, however, it must contain:

1. The concentration ranges and volumes of all potentially hazardous materials on site.
2. A list of remedial options and costs involved (i.e., removal, encapsulation, etc.)
3. Grading and other appropriate engineering plans.
4. Appropriate occupational health protection measures as discussed previously.

Please submit your response to this office by May 12, 1986.

If you have any questions, please call Lowell Miller, Senior Hazardous Materials Specialist, at 874-7237.

Sincerely,



Rafat A. Shahid, Manager
Hazardous Materials Program

RAS:mn-c

cc: Dwight Hoenig
Gil Jensen, DA
Dale C. Bowyer
Earth Metrics
Aqua Science.

BAT CENTER

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA D 981462245	Manifest Document No. 100.007	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address THE MARTIN CO. 391 DIABLO RD. DANVILLE CA 94526			A. State Manifest Document Number 84948613		B. State Generator's ID	
4. Generator's Phone (415) 697-7103			C. State Transporter's ID 700		D. Transporter's Phone 54	
5. Transporter 1 Company Name H & H SHIP SERVICE		6. US EPA ID Number CA D 00477168		E. State Transporter's ID		F. Transporter's Phone
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Transporter's ID		H. Transporter's Phone
9. Designated Facility Name and Site Address H & H SHIP SERVICE 220 CHINA CASIN ST SAN FRANCISCO CA 94107			10. US EPA ID Number CA D 00477168		I. State Facility's ID 38-001-78	
			J. Facility's Phone 415 343-4335			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. WASTE COMBUSTIBLE LIQUID N.O.S NA 1993		0.01	T.T.	50.00	G	222
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above OIL 5% WATER 95%			K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information GLOVES						
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 governmental regulations.						Date
Printed/Typed Name Helen S. Tullman			Signature <i>Helen S. Tullman</i>		Month Day Year 10 4 1 986	
17. Transporter 1 Acknowledgement of Receipt of Materials						Date
Printed/Typed Name JEROME R. VOSS			Signature <i>Jerome R. Voss</i>		Month Day Year 10 4 1 986	
18. Transporter 2 Acknowledgement of Receipt of Materials						Date
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.						Date
Printed/Typed Name			Signature		Month Day Year	

84948613

Please refer to the instructions for Filing Notification before completing this form. The information requested here is required by law (Section 3070 of the Resource Conservation and Recovery Act)

EPA Notification of Hazardous Waste Activity

For Official Use Only

Comments										
C										
C										
Installation's EPA ID Number					Approved	Date Received (yr. mo. day)		P		
C	F	C	T/A	C						

I. Name of Installation
 BAY CENTER C/O THE MARTIN CO.

II. Installation Mailing Address

Street or P.O. Box										
C	3	3	9	1	D	I	A	B	L	O
ROAD										
City or Town							State	ZIP Code		
C	4	D	A	N	V	I	L	L	E	
							CA	9	4	5
								2	6	

III. Location of Installation

Street or Route Number										
C	5	B	A	T	H	A	N	D	L	A
C										
City or Town							State	ZIP Code		
C	6	E	M	E	R	Y	V	I	L	L
							CA	9	4	6
								0	3	

IV. Installation Contact

Name and Title (last, first, and job title)										Phone Number (area code and number)	
C	2	B	O	B	R	U	S	S	I		
										4	1
										5	6
										2	1
										9	0
										A	

V. Ownership

A. Name of Installation's Legal Owner										B. Type of Ownership (enter code)	
C	1	T	H	E	M	A	R	T	I	N	
C											
O											
M											
P											
A											
N											
Y											

VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.)

A. Hazardous Waste Activity		B. Used Oil Fuel Activities	
<input checked="" type="checkbox"/> 1a. Generator	<input type="checkbox"/> 1b. Less than 1,000 kg/mo.	<input type="checkbox"/> 6. Off-Specification Used Oil Fuel (enter 'X' and mark appropriate boxes below)	
<input type="checkbox"/> 2. Transporter		<input type="checkbox"/> a. Generator Marketing to Burner	
<input type="checkbox"/> 3. Treater/Storer/Disposer		<input type="checkbox"/> b. Other Marketer	
<input type="checkbox"/> 4. Underground Injection		<input type="checkbox"/> c. Burner	
<input type="checkbox"/> 5. Market or Burn Hazardous Waste Fuel (enter 'X' and mark appropriate boxes below)		<input type="checkbox"/> 7. Specification Used Oil Fuel Marketer (or On site Burner) Who First Claims the Oil Meets the Specification	
<input type="checkbox"/> a. Generator Marketing to Burner			
<input type="checkbox"/> b. Other Marketer			
<input type="checkbox"/> c. Burner			

VII. Waste Fuel Burning: Type of Combustion Device (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)

<input type="checkbox"/> A. Utility Boiler	<input type="checkbox"/> B. Industrial Boiler	<input type="checkbox"/> C. Industrial Furnace
--	---	--

VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es))

<input type="checkbox"/> A. Air	<input type="checkbox"/> B. Rail	<input type="checkbox"/> C. Highway	<input type="checkbox"/> D. Water	<input type="checkbox"/> E. Other (specify)
---------------------------------	----------------------------------	-------------------------------------	-----------------------------------	---

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

<input type="checkbox"/> A. First Notification	<input type="checkbox"/> B. Subsequent Notification (complete item C)										
C. Installation's EPA ID Number											
<table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>											

Records Organize Go To Exit

SITENAME BAY CENTER PROJECT CASENO.# RBFILENO 01-0157
STREETNO 1665 STREET 65TH ST HOW DISCOVERED TC
CITY EMERYVILLE ZIP DISCVRDATE 07/30/85
COUNTY 01 LOCALAGENCY 01000 MOPNO HOWSTOPPED CT STOPDATE 07/30/85
PRIORITY X: XXXXX Y:XXXXX LAT:XXXXX LON:XXXXX LEAKSOURCE T LEAKCAUSE F

ENTERDATE 01/12/91 REVIEWDATE 08/24/94 CORRDATE 04/10/90 RPTDATE 07/30/85
UPDATE REVSTAT C STAFF KLG FUNDING F NO.WELLS: PILOTPRPGM Y

PRIM SUB 12034 SEC SUB 8006619 MAXSOIL 4460 MAXGW 99999999
MAXBENZENE 0 BENZENE 0 GWDEPTH 6.5 CASETYPE O STATUS 5C

DATE 1 00/00/00 DATE3A 00/00/00 DATE3B 08/04/86 DATE5C 01/30/87
DATE5R 00/00/00 DATE 7 00/00/00 DATE 8 00/00/00 DATE 9 00/00/00

INTERIM Y INTERIMDATE 01/30/87 ABATEMETHOD FP LEADAGENCY L

CASELIST FUEL ENFORCETYPE 0 ENFORCEDATE 00/00/00 RPSEARCH S

COMMENT NPDES APPLICATION DENIED--NFAP; SENT FILE TO LOP 8/94

Edit ⓂD:\fuels\FUELDB ⓂRec 175/2127 ⓂFile Ⓜ Ⓜ NumCaps

DATE:

TO : Local Oversight Program

FROM: Erachw

SUBJ: Transfer of Eligible Oversight Case

Site name: Bay Center

Address: 6425 Christie City Emery Zip 94608

Closure plan attached? Y N DepRef remaining \$ _____

DepRef Project # _____ STID #(if any) _____

Number of Tanks: _____ removed? Y N Date of removal _____

Leak Report filed? Y N Date of Discovery _____

Samples received? Y N Contamination: _____

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

Monitoring wells on site _____ Monitoring schedule? Y N

Briefly describe the following:

Preliminary Assessment _____

Remedial Action _____

Post Remedial Action Monitoring _____

Enforcement Action _____

Comments:

Good luck!
No dep/ref on file

