

Chan, Barney, Env. Health

↓ ebmud

To: Arniola, Mark; jschroet@ebmud.com; cadkisso@ebmuc.com

Subject: EBMUD site, 11th & Webster (383 11th St.)

Mark, John and Cynthia: I wanted to give each of you the contact info for each other since both the City and EBMUD will be named as RPs for the former tanks at the referenced site. I will eventually be contacting you as necessary when completing the closure summary for the site. PS, a notice of responsibility, NOR, will be sent out soon.

Mark Arniola: 238-7371

John Schroeter: 287-0345

Cynthia Adkisson: 287-1627

Thanks

Barney M. Chan

Hazardous Materials Specialist

Alameda County Environmental Health

510-567-6765

5/18/2007

Drogos, Donna, Env. Health

From: Chan, Barney, Env. Health
Sent: Friday, May 11, 2007 3:03 PM
To: Drogos, Donna, Env. Health
Subject: EBMUD site, 11th and Broadway
Attachments: nor1_ 11th & Webster EBMUD.rtf; nor2 11th & Webster EBMUD.rtf

Donna: I confirmed with Cherie that the County should be the lead for the site (originally opened as a SLIC by the Water Board). I have spoke with John Schroeter of EBMUD (Env Compliance Supervisor) and he wants to close the site and will be inquiring about anyone who might have knowledge of the development. He thinks he will assign it to Cynthia Adkisson (formerly Chapman when she worked here). I have drafted NOR 1 and 2 letters for your review and tentatively taken the next available RO number (the number we thought might be taken by OTAC SLIC). Let me know if you have any questions.

Barney

5/11/2007

Chan, Barney, Env. Health

From: Cherie McCaulou [CMccaulou@waterboards.ca.gov]
Sent: Tuesday, May 08, 2007 10:30 AM
To: Chan, Barney, Env. Health
Subject: Re: EBMUD Administrative Bld, 11th and Webster Water Board Case # 01S0177

Hello Barney - yes, that's correct. ACEH is the lead on all USTs (fuels) in Alameda County. Thanks, cherie

Sincerely,

Cherie McCaulou
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board cmccaulou@waterboards.ca.gov
510-622-2342

Chan, Barney, Env. Health

To: 'cmccaulou@waterboards.ca.gov'

Subject: EBMUD Administrative Bld, 11th and Webster Water Board Case # 01S0177

Cherie: I wanted to verify with you the conversation you had with Mark Arniola of the City of Oakland. We are working on the closure of the Pacific Renaissance Plaza, 1000 Franklin St, RO37 with the City. During our investigation, we uncovered this site which is the northern 1/3 of this city block where the current EBMUD building was built. We also noted that this site had USTs located in the eastern portion of the site. I asked Mark if he was working on the site with the Water Board (because the Board is listed as the lead). He said he talked to you and you told him the County should be the lead. I have contacted EBMUD and they are willing to work with the County on the closure of this site. It is unclear who owned the property at the time of the development, however, the site is called Oakland Redevelopment Agency, Unknown 11th St & Webster St. So let me know if you agree that the County should oversee the closure of this site.

Thanks

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

5/4/2007

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



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

Telephone Number: (415) 271-4320

October 28, 1988

Mr. Pete Mote
Harding Lawson Assoc.
7655 Redwood Blvd.
P.O. Box 578
Novato, CA 94948

SUBJECT: PACIFIC RENAISSANCE PLAZA, 9TH & WEBSTER, OAKLAND,
CALIFORNIA 94612

Dear Mr. Mote:

This letter will serve as the request for additional funds, as we discussed in our meeting of October 20, 1988. In accordance with Alameda County fee ordinance, we need a deposit of \$750.00 before we can evaluate your project. Please submit a check or money order payable to Alameda County as soon as possible.

If you have any questions, please contact Lowell Miller, Senior Hazardous Materials Specialist at 415/271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mam

cc: Lisa McCann, RWQCB

cc's to all

Meeting w/ HLA / City

10/20/88

<u>Name</u>	<u>Representing</u>	<u>#</u>
Peter Johnson	RWQCB	464-1382
Chris Smith	HLA	892-0821
Peter Mote	HLA	"
PETER CHOW	OEDC	273.3692
DAVID LELAND	HLA	892-0821
Lisa McClann	RWQCB	464-1287
Lowell Miller	Alameda County Dept. of Health	271-4320
RAFAT A. SHAIKH	ALCO	271-4320

Action Plan

10/20/88
PLWJ

HLA

1. Site characterization report + proposal for site cleanup. GW scans, EDB soils.
(EDB)

Within 60 days.

HLA

2. Closure form + \$ 45 days

ACTHD

3. Letter from ACTHD re: \$ 30 days

RWQCB

4. ϕ WDR re: bio + steam 14 days

RWQCB

5. Provide ~~site~~ aeration treatment 14 days reg'ts.

Harding Lawson Associates



Transmittal/Memorandum

To: Alameda County Department of Environmental Health
470 27th Street
Oakland, California 94612

Attention: Mr. Storm Goranson

From: David Leland *DFL*
Date: September 16, 1988
Subject: August 1988 Treatment System Monitoring Report
Job No.: 9382,018.02

Remarks: Please find attached a copy of the "Report of System Monitoring: August 1988, Dewatering Effluent Treatment System, Chinatown Redevelopment Project Area, Oakland, California", describing the operations and monitoring of the treatment system located at 10th and Webster Streets in Oakland.

DL/ev/M1/054

RECEIVED
SEP 21 1988

WAZ... M... /
... ..

cc:

Engineers
and
Geoscientists

7655 Redwood Blvd.
P.O. Box 578
Novato, CA 94948

Telephone
415/892-0821
Telex 340523

Arizona
Alaska
California

Colorado
Hawaii
Nevada

Texas
Telecopy
415/892-0831

Harding Lawson Associates



Transmittal/Memorandum

RECEIVED
AUG 22 1988
HAZARDOUS MATERIALS/
WASTE PROGRAM

To: Alameda County Department of Environmental Health
470 27th Street
Oakland, California 94612

Attention: Mr. Storm Goranson

From: David Leland *David Leland*
Date: August 16, 1988
Subject: July 1988 Treatment System Monitoring Report
Job No.: 9382,018.02

Remarks: Please find attached a copy of the "Report of System Monitoring: July 1988, Dewatering Effluent Treatment System, Chinatown Redevelopment Project Area, Oakland, California", describing the operations and monitoring of the treatment system located at 10th and Webster Streets in Oakland.

DL/cv/M1/037

cc: Pete Mote

Engineers
and
Geoscientists

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CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

Phone: Area Code 415
464-1255SAN FRANCISCO BAY REGION
1111 JACKSON STREET, ROOM 6040
OAKLAND 94607Certified Mail No.
Return Receipt Requested

Date: July 26, 1988

File: 2199.9253

City of Oakland Redevelopment Agency
One City Hall Plaza
Oakland, CA 94612RECEIVED
AUG 01 1988HAZARDOUS MATERIALS/
WASTE PROGRAM

NOTICE: The item(s) indicated by an "X" are enclosed herewith:

- A. One certified copy of an Order adopted by the Board on the date shown therein.

- B. Attachment to Order containing Requirements and Recommendations of other agencies.

- C. One copy of Executive Officer Summary Report which was considered by the Board on the date shown therein. The Motion(s) recommended therein was (were) adopted by the Regional Board on that date.

- D. Other -

Sincerely,

STEVEN R. RITCHIE
Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

1111 JACKSON ST., OAKLAND, CA (415) 464-1255

**NOTICE OF APPLICATION AND PUBLIC HEARING FOR
DISCHARGE PERMIT**

The following discharger has filed an application to discharge
under the National Pollutant Discharge Elimination System:
City of Oakland Redevelopment Agency Site: 11th and Webster
One City Hall Plaza Oakland, Ca
Oakland, Ca

The Board's staff has prepared a Tentative Permit to discharge to the
Oakland Inner Harbor for the above discharger. The permit contains
effluent and receiving water limitations and special provisions, in
accordance with the Federal Clean Water Act, and the California Water
Quality Control Act. The Regional Board intends to consider adopting the
Tentative Permit during a meeting which will commence at the time and place
indicated:

DATE: June 15, 1988

TIME: 9:30 a.m.

PLACE: Assembly Room, First Floor, State Building, 1111 Jackson
Street, Oakland, California

Persons wishing to file written comments, on, or objections to, the
limitations or provisions of the Tentative Permit, or other aspects of this
matter, are requested to do so within twenty days after the date of this
Notice so that the comments may be considered in preparing this matter for
presentation to the Regional Board.

Interested persons are invited to attend and express their views on this
matter at the Public Hearing. The Board will hear oral comment, but
requests that written confirmation thereof be filed before or during the
hearing, to assure accuracy of the record.

The Application for Permit, the Tentative Permit, comments received and
related documents may be inspected and copied at the Regional Board office.
Please bring the foregoing to the attention of any persons known to you who
would be interested in this matter.


ROGER. B. JAMES
Executive Officer

MAY 9, 1988
DATED

Harding Lawson Associates



Transmittal/Memorandum

To: Alameda County Department of Environmental Health
470 27th Street
Oakland, California 94612

Attention: Mr. Storm Goranson

From: David Leland *David Leland*
Date: July 19, 1988
Subject: June 1988 Treatment System Monitoring Report
Job No.: 9382,018.02

Remarks: Please find attached a copy of the "Report of System Monitoring: June 1988, Dewatering Effluent Treatment System, Chinatown Redevelopment Project Area, Oakland, California", describing the operations and monitoring of the treatment system located at 10th and Webster Streets in Oakland.

DL/cv/M1/026

RECEIVED
JUL 25 1988
HAZARDOUS MATERIALS/
WASTE PROGRAM

cc:

Engineers	7655 Redwood Blvd.	Telephone	Arizona	Colorado	Texas
and	P.O. Box 578	415/892-0821	Alaska	Hawaii	Telecopy
Geoscientists	Novato, CA 94948	Telex 340523	California	Nevada	415/892-0831

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



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

Telephone Number: (415) 271-4320

July 5, 1988

City of Oakland
Office of Public Works
City Hall
Oakland, CA 94612
Attn: Mr. Randall Lum

SUBJECT: CHINATOWN PROJECT - 11TH & WEBSTER, OAKLAND

Dear Mr. Lum:

The deposit of \$750.00 previously submitted by your office for our efforts on the subject site has been expended. You are formally requested to submit an additional \$750.00.

Should you have any questions concerning this matter, please contact Mr. Storm Goranson, Hazardous Materials Specialist at 271-4320.

Sincerely,

Rafat A. Shahid

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: P. Mote, Harding Lawson Associates

Harding Lawson Associates

Transmittal/Memorandum

JUL 26 1988



To: Alameda County Department of Environmental Health
470 27th Street
Oakland, California 94612

Attention: Mr. Storm Goranson

From: David Leland *David Leland*
Date: June 16, 1988
Subject: Report of System Monitoring: May 1988, Dewatering Effluent Treatment
Job No.: System
9382,018.02

Remarks:

Attached is a copy of the "Report of System Monitoring: May 1988, Dewatering Effluent Treatment System, Chinatown Redevelopment Project Area, Oakland, California."

DL/cv/P1/010

cc: Pete Mote

Engineers
and
Geoscientists

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Harding Lawson Associates



June 7, 1988

09382,018.02

California Regional Water Quality Control Board
San Francisco Bay Region
1111 Jackson Street, Suite 600
Oakland, California 94612

Attention: Mr. Peter Johnson

Gentlemen:

**Notice of Tentative Order (NPDES Permit)
Dewatering Effluent Treatment System
Chinatown Redevelopment Project Area
Oakland, California**

File No. 2199.9253 (GSZ)
NPDES No. CA0029394

This letter has been prepared by Harding Lawson Associates (HLA) on behalf of the City of Oakland Redevelopment Agency (Agency) in response to the Notice of Tentative Order (NPDES Permit) issued May 10, 1988, by the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). The Order concerns the Agency's application for permission to discharge treated ground water from a dewatering effluent treatment system at 10th and Webster streets in Oakland to the Oakland Inner Harbor via a storm drain on Webster Street.

BACKGROUND

Key events and results related to the treatment system are summarized here. An NPDES permit application for discharge of the treatment system effluent was submitted to the RWQCB on February 1, 1988, and was supported by an HLA report titled *Dewatering Effluent Treatment System Plan*, dated February 1. An application was submitted simultaneously to the East Bay Municipal Utility District (EBMUD) for permission to discharge to the sanitary sewer. EBMUD granted a Temporary Wastewater Discharge Permit. The system began operations on March 12, and has operated continuously since March 14. System operations and monitoring have been documented in a series of reports prepared for EBMUD by HLA on behalf of the Agency: *Report of System Monitoring: March 12-15, 1988*, dated March 18, 1988; *Report of System Monitoring: March 16-31, 1988*, dated April 5, 1988; *Report of System Monitoring: April 1-15, 1988*, dated April 20, 1988; and *Report of System Monitoring: April 16-May 1, 1988*, dated May 5, 1988. These reports have been submitted to both EBMUD and the RWQCB.

Engineers	7655 Redwood Blvd.	Telephone	Arizona	Colorado	Texas
and	P.O. Box 578	415/892-0821	Alaska	Hawaii	Telecopy
Geoscientists	Novato, CA 94948	Telex 340523	California	Nevada	415/892-0831

June 7, 1988
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Mr. Peter Johnson
California RWQCB
Page 2

Harding Lawson Associates

Between March 12 and May 1, treatment system effluent was sampled daily for analysis by EPA Test Methods 602, 624, 625, and 8015, to establish compliance with EBMUD wastewater discharge limits, which included a limit of 3 parts per billion (ppb) for benzene, ethylbenzene, toluene, and xylenes (BETX), and 50 ppb for total petroleum hydrocarbons (TPH). Laboratory analytical results indicate that no exceedences of discharge limitations occurred during the reporting period. In addition, there have been no concentrations of any Test Method 624 or 625 compounds in the effluent in excess of 5 micrograms per liter ($\mu\text{g}/\text{l}$, equivalent to ppb), the proposed RWQCB limit for BETX. (Note: Methylene chloride, identified sporadically in effluent samples, has also been identified in blank samples, but not in influent samples. Occurrence of this compound has been attributed to laboratory contamination.) The results of the 51 sampling events documented in the reports cited above indicate that the treatment system is effectively removing most Test Method 624/625 compounds to nondetectable levels and is removing all 624/625 compounds to levels lower than the RWQCB limits of 5 $\mu\text{g}/\text{l}$ proposed for BETX.

On April 25, Roger James, Executive Officer of the RWQCB indicated, by letter to Randall Lum of the City of Oakland, that it was in the public interest to discharge treated effluent to the storm drain, and that he would not recommend enforcement action in this case. On the basis of this letter, system discharge was routed from the sanitary sewer to the storm drain on May 1, 1988.

GENERAL COMMENTS

The Agency has identified a number of concerns regarding the Tentative Order and Part B of the Self-Monitoring Program. Key comments are summarized as follows:

- Relaxation of the lead limit to the EPA Primary Drinking Water Standard is requested;
- Waiver of the toxicity testing requirement is requested, in light of the established performance and reliability of the treatment system;
- The presence of chlorinated hydrocarbons in influent to the system is noted;
- Waiver of the receiving water sampling requirement is requested, because of the difficulty in correlating effluent characteristics with receiving water characteristics; and
- Presentation of data in the tabular format developed for reports to EBMUD is requested in lieu of RWQCB-suggested formats.

Specific comments, submitted for consideration by the RWQCB with respect to the Tentative Order and Self-Monitoring Program, Part B, are presented below. The RWQCB text is presented first, followed by the Agency's comments.

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Mr. Peter Johnson
California RWQCB
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Harding Lawson Associates

COMMENTS ON TENTATIVE ORDER

Page 1, Finding 1: *The City of Oakland Redevelopment Agency (hereinafter called the discharger) owned the property bounded by 11th, 12th, Webster and Franklin streets in Oakland, California. In 1987, underground fuel tanks were removed from the property, and soil contamination was noted at that time. Monitoring wells drilled subsequent to tank removal revealed that the groundwater had also been contaminated by the fuel, the constituents of which include benzene, toluene, xylenes and ethly benzene.*

Agency Comment: The property is bounded by 10th, 11th, Webster, and Franklin streets. Change "ethly benzene" to "ethylbenzene."

Page 1, Finding 3: *The discharger proposed to operate a groundwater pumping and treatment system to dewater this site during construction of a building below grade...*

Agency Comment: EBMUD is and will continue to be responsible for operating the dewatering system. The Agency is and will continue to be responsible for treating the water produced by the dewatering system.

Page 2, Finding 4: *Waste 001 will consist of a maximum flow of 216,000 gallons per day (gpd) under initial operating conditions and following start-up of the treatment system. Under average operating conditions, the flow will be approximately 50,000 gpd. . .*

Agency Comment: The location and identification of "Waste 001" is not clear. The system is currently operational, with an average flow rate of 26,754 gpd between May 1 and June 1.

Page 3, A. Effluent Limitations, 1: *Lead at an instantaneous maximum of 5.6 µg/l.*

Agency Comment: The Agency requests adjustment of the lead limit to the EPA Primary Drinking Water Standard of 50 µg/l.

Page 3, A. Effluent Limitations, 3, Toxicity: *The survival of test fishes in 96-hour static renewal bioassays of the discharge of waste 001 shall be a median of 90 percent survival and a 90 percentile value of not less than 70 percent survival.*

Compliance of the bioassays shall be performed using two test species in parallel tests. One shall be three-spined stickleback, and the other shall be either rainbow trout or fathead minnow.

Agency Comment: The Agency acknowledges the RWQCB's intention to delete the bioassay testing requirement for three-spined stickleback, as noted by Greg Zentner of the RWQCB in a conversation with David Leland of HLA on May 23, 1988.

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California RWQCB
Page 4

The Agency further requests waiver of the entire bioassay requirement, given the effectiveness of the system in removing constituents of concern from dewatering effluent as documented between March 12 and May 1, 1988.

Page 5, Provision 3: The discharger shall notify the Regional Board if any activity has occurred or will occur which would result in the discharge, on a frequent or routine basis, of any toxic pollutant which is not limited by this Order.

Agency Comment: Analyses of influent water on March 12 by EPA Test Method 624, on April 15 by EPA Test Method 601, and on several dates in May by EPA Test Method 601 indicate the presence of chlorinated hydrocarbons, principally trichloroethene, 1,2-dichloroethane, chlorobenzene, and bromoform.

To monitor the effectiveness of the dewatering system and the characteristics of ground water that might be captured by the dewatering system, the Agency has sampled seven wells installed on the periphery of the site. Analytical results from two of these wells indicate substantially elevated levels of petroleum hydrocarbons and chlorinated hydrocarbons. On the basis of HLA's preliminary assessment of the hydrogeologic setting, these two wells are upgradient of the site, and therefore that they represent an off-site, upgradient source of contamination. Although the Agency will continue to treat water captured by the dewatering wells, it does not wish to assume responsibility for future remediation of off-site sources.

COMMENTS ON SELF-MONITORING PROGRAM, PART B

Item III. Start-Up Phase Reporting

Agency Comment: It is the Agency's understanding, based on a conversation between Greg Zentner and David Leland on May 24, 1988, that startup phase reporting requirements have been satisfied by the reports of system monitoring submitted to EBMUD and the RWQCB.

Item IV. Schedule of Sampling and Analysis

Agency Comments:

1. As noted above, the Agency requests waiver of the toxicity testing requirement.
2. It is the Agency's opinion that collection and analysis of samples of water from Oakland Inner Harbor (Sampling Station C-1) will not provide any useful data on potential impacts of the treatment system discharge on receiving water quality for the following reasons: 1) the discharge will occur at the relatively small rate of approximately 27,000 gpd, and is not likely to be observable in the receiving water; 2) the proposed sampling locations will not enable differentiation of

June 7, 1988
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Mr. Peter Johnson
California RWQCB
Page 5

this discharge from other flows in the Webster Street storm drain or correlation of this discharge with receiving water characteristics; and 3) existing variability in receiving water characteristics may exceed any potential effect of this discharge on the receiving water. For these reasons, it is recommended that the collection and analysis of water samples from the Inner Harbor be deleted from the monitoring program.

3. The Agency requests relaxation to a monthly frequency of the current requirement for weekly analysis of samples by EPA Test Methods 602 and 8015. This request is made in light of the documented effectiveness of the system in removing constituents of concern to levels less than 5 $\mu\text{g/l}$, the limit proposed by the RWQCB for BETX.

Item VI. Modifications to Part A

Item A. Delete Sections D.2.d, D.2.g, E.1.e., and E.4

Agency Comment: The Agency further requests deletion of Sections E.1 and E.3 in their entirety. As discussed above, it is the Agency's opinion that no effective correlation can be made between receiving water characteristics and the effluent discharge to the storm drain at 10th and Webster.

Item B. Add the following as Section F.4:

4. A tabulation shall be maintained showing the total quarterly volume of spent activated carbon (in cubic feet) from each treatment unit and the disposal site location.

Agency Comment: The Agency questions the usefulness or relevance of these data in establishing the effectiveness of the treatment system, and requests that this requirement be deleted.

Item C. Section G.4.b shall be changed to read as follows:

Compliance Evaluation Summary

"Each report shall be accompanied by a compliance evaluation summary sheet prepared by the discharger. The report format will be prepared similar to the example shown in APPENDIX A (attached). The discharger will prepare the format substituting for the example parameters those parameters and requirement limits for influent, effluent and receiving water constituents specified in the permit."

June 7, 1988
09382,018.02
Mr. Peter Johnson
California RWQCB
Page 6

Item D. The first paragraph of Section G.4.d shall be changed to read as follows:

"Each report shall include tabulations of the results from each required analysis specified in Part B by date, time, type of samples, detection limit, station, and shall be signed by the laboratory director. The report format will be prepared similar to the examples shown in APPENDIX B, substituting those parameters specified in the permit for the parameters given in the example."

Item E. Information requested under Section G.4.e shall be prepared in a format similar to EPA Form 3320-1 and shall be submitted only to the Regional Board.

Agency Comments:

1. The Agency requests that the RWQCB evaluate the acceptability of the tabular report format developed for reporting operational, sampling, and analytical results to EBMUD. The Agency recommends the substitution of the tabular format for the examples included in Part A.
2. The Agency acknowledges that the RWQCB will not require submittal of treatment system monitoring reports to the EPA.

Finally, the Agency wishes to alert the RWQCB that the discharge from the treatment system may be interrupted upon cessation of dewatering activities, and that the sources and locations of water requiring treatment may change upon cessation of dewatering activities. The Agency requests that the RWQCB handle such interruptions or changes to the system in the context of modifications to the existing permit.

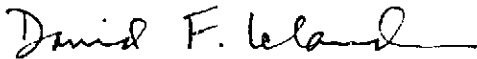
It is our understanding that the Agency's NPDES permit application will come before the RWQCB at its June 15, 1988, meeting. If you have any questions

June 7, 1988
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Mr. Peter Johnson
California RWQCB
Page 7

regarding these comments or any aspects of the treatment system, please call
Peter Chen of the Agency at (415) 273-3692, or David Leland at (415) 892-0821.

Yours very truly,

HARDING LAWSON ASSOCIATES



David F. Leland
Senior Hydrologist



Peter A. Mote
Principal Geologist

cc: P.Chen, Agency
D. Choy, Agency
S. Goranson, Alameda
County Environmental Health
C. Smith

DFL/PAM/ljc/B4290-CT

Harding Lawson Associates



RECEIVED
APR 26 1988

April 22, 1988

9382,018.02

Alameda County Department of Environmental Health
470 27th Street
Oakland, California 94612

HAZARDOUS WASTE
WASTE TREATMENT

Attention: Mr. Storm Goranson

Gentlemen:

**Site Remediation
10th and Webster Streets
Chinatown Redevelopment Project Area
Oakland, California**

This letter is written to confirm conversations between Mr. Goranson of the Alameda County Department of Environmental Health (Department) and Peter Mote of Harding Lawson Associates (HLA) regarding plans for long-term remediation of contamination at 10th and Webster streets in Oakland. It remains the intention of the City of Oakland Redevelopment Agency to remediate contamination identified at this site. HLA is currently working with the Agency to characterize the extent of both on-site and off-site contamination at this location. HLA is also supervising the treatment of dewatering effluent, the aeration of soils with high levels of petroleum hydrocarbons, and the proper disposal of contaminated soils at this location.

HLA expects to continue to work with the Agency to characterize site conditions, and, once the current construction activities are complete and the extent of residual contamination is known, to proceed with planning and implementation of any additional necessary remedial activities.

Engineers
and
Geoscientists

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P.O. Box 578
Novato, CA 94948

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April 22, 1988
9382,018.02
Alameda County Department of Environmental Health
Mr. Storm Goranson
Page 2

HLA will continue to keep you informed of activities of this site. Please call if you have any questions.

Yours very truly,

HARDING LAWSON ASSOCIATES



David F. Leland
Senior Hydrologist

DFL/PAM/lan/D4031-CT

cc: Diego Garcia - City of Oakland
Peter Chen - City of Oakland Redevelopment Agency

Harding Lawson Associates



Transmittal/Memorandum

To: Alameda County Department of Environmental Health
470 27th Street
Oakland, California 94612

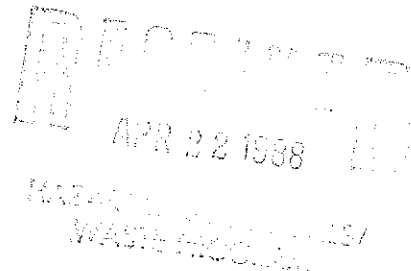
Attention: Mr. Storm Goranson

From: David Leland *David Leland*
Date: April 21, 1988
Subject: Report of System Monitoring: April 1 through 15, 1988
Job No.: 09382,018.02

Remarks: Enclosed please find a copy of the report entitled, "Report of System Monitoring: April 1 through 15, 1988, Dewatering Effluent Treatment System, Chinatown Redevelopment Project Area, Oakland, California".

This is the third report describing the operations and monitoring of the treatment system located at 10th Street between Webster and Franklin streets.

DL:de/D1/035



cc: Mr. Peter Mote

Engineers
and
Geoscientists

7655 Redwood Blvd.
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Transmittal/Memorandum

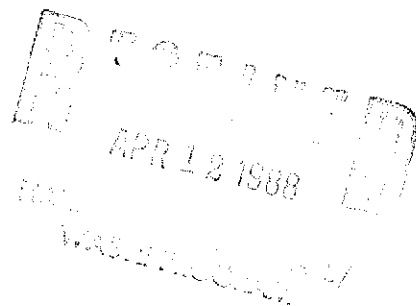
To: Alameda County Department of Environmental Health
470 27th Street
Oakland, CA 94612

Attention: Mr. Storm Goranson

From: David Leland *David Leland*
Date: April 7, 1988
Subject: Report of System Monitoring: March 16 through 31, 1988
Job No.: 9382,018.02

Remarks: Enclosed please find a copy of the report entitled, "Report of System Monitoring: March 16 through 31, 1988, Dewatering Effluent Treatment System, Chinatown Redevelopment Project Area, Oakland, California".

This is the second report describing the operations and monitoring of the treatment system located at 10th Street between Webster and Franklin Streets.



cc: Mr. Peter Mote

WHITE — ENV. HEALTH
 YELLOW — FACILITY
 PINK — FILES

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

County Use Only
 [] Daily

Hazardous Material Inspection Form

Site ID# _____ Site Name 104th & Webster - EPMD PROJECT Date: 3/24/98

Site Address OAKLAND EPA ID# _____

City, Zip _____ Phone _____

MAX AMT stored >
 500 lbs, 55 gal., 200 cft.?

- Inspection Categories:**
- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 - II. Business Plans, Acute Hazardous Materials
 - III. Underground Tanks

The marked items represent violations of the Calif. Administrative Code (CAC) or the Health & Safety Code (HS&C)

- | | |
|--|------------|
| 1a. GENERATOR | (Title 22) |
| <input type="checkbox"/> 1. Waste ID | 66471 |
| <input type="checkbox"/> 2. EPA ID | 66472 |
| <input type="checkbox"/> 3. > 90 days | 66508 |
| <input type="checkbox"/> 4. Labels | 66493 |
| <input type="checkbox"/> 5. Biennial | 66492 |
| Manifest | |
| <input type="checkbox"/> 6. Records | 66480 |
| <input type="checkbox"/> 7. Correct | 66484 |
| <input type="checkbox"/> 8. Copy sent | 66492 |
| <input type="checkbox"/> 9. Exception | 66484 |
| <input type="checkbox"/> 10. Copies Rec'd | 66492 |
| Misc. | |
| <input type="checkbox"/> 11. Treatment | 66371 |
| <input type="checkbox"/> 12. On-site Disp. (H.S.&C.) | 25189.5 |
| <input type="checkbox"/> 13. Ex Haz. Waste | 66570 |
| Prevention | |
| <input type="checkbox"/> 14. Communication | 67121 |
| <input type="checkbox"/> 15. Aisle Space | 67124 |
| <input type="checkbox"/> 16. Local Authority | 67126 |
| <input type="checkbox"/> 17. Maintenance | 67120 |
| <input type="checkbox"/> 18. Training | 67105 |
| Contin. gency | |
| <input type="checkbox"/> 19. Prepared | 67140 |
| <input type="checkbox"/> 20. Name List | 67141 |
| <input type="checkbox"/> 21. Copies | 67141 |
| <input type="checkbox"/> 22. Emg. Coord. Tmg. | 67144 |
| Containers, Tanks | |
| <input type="checkbox"/> 23. Condition | 67241 |
| <input type="checkbox"/> 24. Compatibility | 67242 |
| <input type="checkbox"/> 25. Maintenance | 67243 |
| <input type="checkbox"/> 26. Inspection | 67244 |
| <input type="checkbox"/> 27. Buffer Zone | 67246 |
| <input type="checkbox"/> 28. Tank Inspection | 67259 |
| <input type="checkbox"/> 29. Containment | 67245 |
| <input type="checkbox"/> 30. Safe Storage | 67261 |
| <input type="checkbox"/> 31. Freeboard | 67257 |
| 1b. TRANSPORTER | (Title 22) |
| <input type="checkbox"/> 32. Application | 66428 |
| <input type="checkbox"/> 33. Insurance | 66428 |
| <input type="checkbox"/> 34. Comp. Cert. | 66448 |
| <input type="checkbox"/> 35. CHP Insp. | 66448 |
| <input type="checkbox"/> 36. Containers | 66465 |
| Manifest | |
| <input type="checkbox"/> 37. Vehicles | 66465 |
| <input type="checkbox"/> 38. EPA ID #s | 66531 |
| <input type="checkbox"/> 39. Correct | 66541 |
| <input type="checkbox"/> 40. HW Delivery | 66543 |
| <input type="checkbox"/> 41. Records | 66544 |
| Cont'rs | |
| <input type="checkbox"/> 42. Name | 66545 |
| <input type="checkbox"/> 43. Covers | 66545 |
| <input type="checkbox"/> 44. Recyclables | 66800 |

Comments:

Met this date w/ J. Clinch, J. Franco, P. Rice & P. Lavelle on site. ^{boots} ^{g leather}

HLA ^{HLA} ^{HLA}

Soil area has been delineated & is monitored daily. At which time a decision made whether mutliozoopm (critenun in contamination).

All workers to start on site to be fit tested w/ respirator on by 5pm 3/24 (today). Completed questionnaire (OSHA) to be completed by Monday 3/28 @ 3pm.

Ind. Hy agent to be onsite til mid April. I am to be notified when Ind Hy agent is no longer on site.

Contact: _____ Applied Time: _____

Title: _____ Inspector: S. Serrano

Signature: A. J. DeAngelo L.C.A. Signature: 271-4321

Harding Lawson Associates



Transmittal/Memorandum

To: East Bay Municipal Utility District
Special District No. 1
P.O. BOX 24055
Oakland, California 94623

Attention: Mr. Kurt Ladensack

From: Catherine Henrich *Cathy Henrich*
Date: March 22, 1988
Subject: Report of System Monitoring: March 12-15, 1988
Job No.: 9382,018.02

Remarks: Enclosed please find one copy of the following report:

Report of System Monitoring: March 12-15, 1988
Dewatering Effluent Treatment System
Chinatown Redevelopment Project Area
Oakland, California
March 18, 1988

Additional copies of this report have been sent to the following agencies:

- 2 copies to City of Oakland Redevelopment Agency, Attention: Peter Chen
- 1 copy to California Regional Water Quality Control Board,
Attention: Peter Johnson
- 1 copy to Alameda County Department of Environmental Health,
Attention: Storm Goranson

cc: Mr. Peter Chen
Mr. Peter Johnson
Mr. Storm Goranson

RECEIVED
MAR 25 1988

HAZARDOUS WASTE
AND PROGRAM

Engineers
and
Geoscientists

7655 Redwood Blvd.
P.O. Box 578
Novato, CA 94948

Telephone
415/892-0821
Telex 340523

Arizona
Alaska
California

Colorado
Hawaii
Nevada

Texas
Telecopy
415/892-0831

Harding Lawson Associates

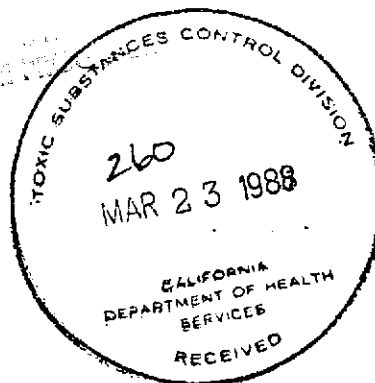


RECEIVED
MAR 17 1988

March 21, 1988

9382,019.01

Mr. Dwight Hoenig
State of California
Department of Health Services
Toxic Substances Division
5850 Shellmound Street, Suite 100
Emeryville, California 94608



Dear Mr. Hoenig:

This letter presents Harding Lawson Associates' (HLA) plans to handle and eventually remediate soils, which are contaminated with petroleum hydrocarbons, located in the Chinatown Redevelopment Project Area at 11th and Webster Streets in Oakland, California.

The project area, which is bounded by 10th, 11th, Franklin and Webster Streets, is part of the Chinatown Redevelopment Project #97110 and is in the initial phase of construction for the East Bay Municipal Utility District's (EBMUD) high-rise office complex and three-story underground parking garage. The site has a history of leakage from underground storage tanks that were located under the sidewalk along 11th street. The tanks were removed in April 1987, and between December 1987 and January 1988, an extensive soil remediation program to address soil contamination from the underground fuel tank leaks was initiated by the City of Oakland Redevelopment Agency (Agency).

The Agency has agreed with EBMUD to be responsible for contaminated soil encountered during site excavation activities and has retained HLA to monitor excavation activities and segregate any potentially contaminated soil. The initial plan was to remove any contaminated soil from the excavation, stockpile it in a designated safe area, sample the soil and chemically analyze the sample. Stockpiled soil would then be aerated on site until TPH values were below 100 ppm, at which point the soil could be handled as clean soil and removed from the site with other clean excavation soil. Soils that could not be remediated by aeration would be removed to an appropriate waste handling facility.

Engineers
and
Geoscientists

7655 Redwood Blvd.
P.O. Box 578
Novato, CA 94948

Telephone
415/892-0821
Telex 340523

Arizona
Alaska
California

Colorado
Hawaii
Nevada

Texas
Telecopy
415/892-0831

March 21, 1988
9382,019.01
Mr. Dwight Hoenig
State of California
Department of Health Services
Page 2

Harding Lawson Associates

In coordination with EBMUD contractors working on this project, a safe area 20-feet x 50-feet in area was designated for use by HLA to stockpile contaminated soil. On February 8, 1988, excavation activities began with HLA field personnel on site to monitor for soil contamination. On February 10, 1988 a small area in the center of the lot was encountered. The material was removed and stockpiled at the safe area. Since this area did not seem to be associated with any known fuel leaks or spills, a soil sample was collected from the stockpile and analyzed by WESCO Laboratories in Novato, California for priority pollutants (EPA Test Methods 8010, 8020, 8080, 8270 and CAM Metals). Since February 10, 1988, several other areas that contain soil contaminated with TPH from apparently independent sources have been encountered around the site. These soils have also been stockpiled in the safe area and as a result, our safe zone has essentially reached capacity. Samples of these additional soils have also been sent to WESCO for analysis.

On Friday afternoon, March 18, a large area of soil contaminated with hydrocarbons from an unknown source was encountered in the northeast corner of the site at 11th and Webster street. The addition of these soils has far exceeded the capacity of our safe area and thus we are in the process of redefining the safe area.

Contaminated soil encountered on the site can be classified into three categories. The first category would include very oily soil similar to that associated with the vaults, where concentrations exceed 1,000 ppm TPH, and soils containing other chemicals in hazardous concentrations. The second category would include contaminated soil where TPH concentrations could not be sufficiently reduced by on-site aeration to levels considered clean. These soils are typically associated with spills of diesel fuel, motor oil, fuel oil or kerosene, and are often associated with old spills of gasoline. The third category of soil would be associated with recent gasoline leakage or spills where TPH concentrations could be brought below 100 ppm within several weeks by aeration. The soils that fit into these categories have been maintained in separate piles so that appropriate handling procedures, aeration or removal, can be undertaken without complication.

Our previous soil aeration program was done with the knowledge and concurrence of the Bay Area Air Quality Management District (BAAQMD) and as a result of our findings last Friday, they were once again contacted today. A copy of our communications with the BAAQMD and our December 1987 aeration work plan are attached.

March 21, 1988
9382,019.01
Mr. Dwight Hoenig
State of California
Department of Health Services
Page 3

Harding Lawson Associates


Also attached is a sketch that provides you with information on our existing and future soil handling plans. Existing soil stockpiling is occurring on Agency property along 10th Street. Future stockpiling will occur in the newly designated safe area just south of 10th street. The access or ramp to the new area will be directly across 10th Street, which is now barricaded and restricted to public access. No hauling will occur on public streets.

Per our conversation with the BAAQMD (Steve Hill), the stockpiling of contaminated soil until the appropriate chemical analyses and approvals to aerate are obtained is a BAAQMD-accepted practice. We intend to present a work plan to aerate or otherwise handle this newly found contaminated soil to BAAQMD later this week and do not intend to aerate in the proposed aeration area until appropriate approval is obtained.

I hope the data provided are adequate for your review. If more are needed, please contact me or David Leland at 892-0821.

Sincerely,

HARDING LAWSON ASSOCIATES


Peter A. Mote
Principal Geologist

PAM/cmc

cc: Peter Chen (Agency)
Douglas Krause (DOHS)

11 STREET

EBMUD PROPERTY

Approximate
Limits
of
excavation/
EBMUD
Property
Line

Hauling
Ramp

Hauling
ramp

AGENCY PROPERTY

EXISTING SAFE AREA
soil stock pile

Barricade

10th STREET

Barricade

Ramp
to
Aeration
Stockpile

Flagged
and
FENCED

AGENCY PROPERTY

Proposed Aeration Area

NEW
STOCKPILE
AND
SAFE
AREA

Fence
Flagged

Temporary Barricade

AGENCY PROPERTY

Parking Lot

9th STREET

FRANKLIN STREET

WEBSTER STREET

ALAMEDA COUNTY
HEALTH CARE SERVICES



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

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

February 18, 1988

City of Oakland
Office of Public Works
City Hall
Oakland, CA 94612
Attn: Mr. Randall Lum

SUBJECT: CHINATOWN PROJECT - 11TH & WEBSTER, OAKLAND

Dear Mr. Lum:

We have reviewed the information submitted to this office on January 21, 1988 concerning the subject project. Obviously, considerable effort has been expended on the clean-up of the site. However, more effort is needed to delineate the extent of the subsurface and groundwater contamination off the site. The only area monitored off the site (boring #3 and monitoring well #2) suggests that there are contamination problems off the site and away from the direction of presumed groundwater flow. On this basis, you are formally requested to submit a proposal within sixty (60) days outlining the methodology necessary to ascertain the extent of off-site contamination.

Incidentally, the penalty fees for the City's late submittal of its deposit have been waived. The City is encouraged to avoid similar problems in the future.

If you have any questions concerning this matter, please contact Storm Goranson, Hazardous Materials Specialist at 874-7237.

Sincerely,

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SG:mam

cc: P. Mote, Harding Lawson Associates
Greg Zentner, RWQCB

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <u>Randall A. Lum</u> DATE: <u>2/16/98</u>
REPORT DATE 0 <u>M</u> 1 <u>M</u> 2 <u>D</u> 1 <u>D</u> 8 <u>Y</u> 8 <u>Y</u>	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Randall A. Lum	PHONE (415) 273-3051	SIGNATURE 	
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME City of Oakland		
	ADDRESS #1 <u>STREET</u> City Hall Plaza <u>CITY</u> Oakland <u>STATE</u> CA <u>ZIP</u> 94612			

RESPONSIBLE PARTY	NAME See Attached <input checked="" type="checkbox"/> UNKNOWN	CONTACT PERSON ()	PHONE ()
	ADDRESS STREET CITY STATE ZIP		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) NA (VACANT Site)	OPERATOR NA	PHONE () NA	
	ADDRESS South side of 11th Street <u>STREET</u> Oakland <u>CITY</u> Alameda/94612 <u>COUNTY</u> <u>ZIP</u>			
	CROSS STREET Approx. 80' West of Webster	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER Unknown	

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Care Serv.	AGENCY NAME	CONTACT PERSON Rafat A Shahid	PHONE (415) 874-7237
	REGIONAL BOARD San Francisco Bay Region	RWQCB	Peter W. Johnson	PHONE (415) 464-0838

SUBSTANCES INVOLVED	(1) NAME Gasoline (3 tanks)	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2) NAME Waste Oil (1 Tank)	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 0 <u>M</u> 4 <u>M</u> 2 <u>D</u> 3 <u>D</u> 8 <u>Y</u> 7 <u>Y</u>	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER Remove Tanks
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 <u>M</u> 4 <u>M</u> 2 <u>D</u> 3 <u>D</u> 8 <u>Y</u> 7 <u>Y</u>	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	TANKS ONLY/CAPACITY 250 tp 850 GAL (4 tanks) AGE _____ YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER
--------------	---	--	--	---

CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES
----------------	--

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)
-----------------	---

COMMENTS

Soil remediation work in progress.

Dist Copies 2/16/98

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION
1111 JACKSON STREET, ROOM 6040
OAKLAND 94607

Phone: Area Code 415
464-1255



February 9, 1988

Randall A. Lum
Office of Public Works
City of Oakland
One City Hall Plaza
Oakland, CA 94612

re: NPDES Permit Application, 11th and Webster Streets, Oakland: 94607

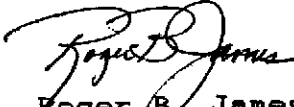
Dear Mr. Lum,

Your application for a NPDES permit has been received. Due to the number of permit applications currently in process, and that we are expediting fuel leak cleanup discharges at higher priority sites, I do not anticipate bringing your application before the Regional Board until their May meeting.

The discharge of treated wastewater to the storm drain, and subsequently to San Francisco Bay, can potentially have significant impacts on water quality. Technical staff review of the proposed treatment system, sampling plan, and site inspection are all necessary for protection of the environment. A variance from these procedures is not appropriate in any instance. Your previous rejection from EBMUD notwithstanding, it may be appropriate to request authorization for an interim discharge to the sanitary sewer.

If you have any questions, please contact Peter Johnson of my staff at (415) 464-0838.

Sincerely,


Roger B. James
Executive Officer

cc: David Leland, Harding-Lawson Associates
Rafat Shahid, Alameda County Health Dept.

RECEIVED
FEB 10 1988
REGIONS OF CALIFORNIA
WATER QUALITY CONTROL BOARD

CITY OF OAKLAND



CITY HALL • ONE CITY HALL PLAZA • OAKLAND, CALIFORNIA 94612

Office of Public Works

TTY 839-6451

February 2, 1988

Alameda County Health Care Services
470 - 27th Street, 3rd Floor
Oakland, CA 94612

ATTENTION: Mr. Rafat A. Shahid, Chief
Hazardous Materials Division

RE: REMOVAL OF UNDERGROUND TANKS IN THE CHINATOWN REDEVELOPMENT PROJECT.
11TH AND WEBSTER STREETS.
PROJECT NO. 97110

Gentlemen:

In reference to your request by letter dated December 30, 1987, enclosed herewith is a draft in the amount of \$750.00 for deposit of review costs in relation to the Chinatown Tank Removal project.

We are also attaching the remaining copies of the Underground Storage Tank Leak Report for distribution, in accordance with the instructions indicated in the report form.

Please call the undersigned at 273-3051 if you should have additional questions.

Very truly yours,

A handwritten signature in cursive script that reads "Diego A. Garcia".

DIEGO A. GARCIA
Construction Supervisor

cc: Storm Goranson
Hazardous Materials Specialist

Peter Chen
R. Feeley
P. File
M. File

Project # 4505564
Fee Paid \$750.00
Date 2/2/88

CITY OF OAKLAND



CITY HALL • ONE CITY HALL PLAZA • OAKLAND, CALIFORNIA 94612

Office of Public Works

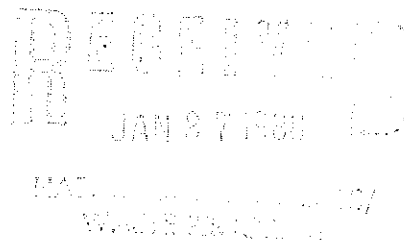
January 21, 1988

TTY 839-6451

Alameda County
Health Care Services
470 - 27th Street, 3rd Floor
Oakland, CA 94612

Attention: Mr. Rafat A. Shahid, Chief
Hazardous Materials Division

RE: REMOVAL OF UNDERGROUND TANKS
IN THE CHINATOWN REDEVELOPMENT
PROJECT-11TH & WEBSTER STREETS
PROJECT NO. 97110



Gentlemen:

In reference to your correspondence dated December 30, 1987, and pursuant to our telephone conversation of January 15, 1988 with Mr. Storm Goranson, we are transmitting herewith the following documents:

1. Completed underground tank release form.
2. Copy of underground tank release report and Harding Lawson Associate's initial Gasoline Leak Investigation Report. These were originally submitted to your office in June 29, 1987.
3. Appendix B, of Harding Lawson Associates work plan for interim soil remediation, outlining the excavation and aeration work. Appendix B is part of HLA Work Plan - Gasoline Leak Investigation report, submitted in our November 16, 1987 correspondence.
4. Harding Lawson Associates guidelines for soil removal and backfilling of borings.


Soil remediation work currently in progress is being performed in conformance with these guidelines under the supervision of HLA staff personnel.

A final report will be submitted at completion of all remediation work.

Payment of the deposit amount will be submitted by Grants Management under separate cover.

We hope that these documents satisfy your request. Please call the undersigned at 273-3051 if you need additional information concerning this matter.

Very truly yours,


DIEGO A. GARCIA
Construction Supervisor

cc: Storm Goranson
Hazardous Material Specialist

P. Chen
R. Lum
P. File
M. File

ALAMEDA COUNTY
HEALTH CARE SERVICES



DAVID J. KEARS, AGENCY
MICHAEL LEAHY, Agency Director
XXXXXXXXXXXXXXXXXXXX

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

December 30, 1987

City of Oakland
Office of Public Works
City Hall
Oakland, CA 94612
Attn: Mr. Randall Lum

SUBJECT: Project No. 97110 - 11th and Webster, Oakland CA 94607

Dear Mr. Lum:

We are in receipt of your correspondence dated November 16, 1987 concerning the removal of the underground tanks at the subject location. In order to complete the review of this project, the following must be submitted:

1. Deposit of \$750.00 for review costs.
2. Final closure plan.
3. Proposed Remedial Action.
4. Completed Underground Storage Tank Release Form (enclosed)

Items 1 through 3 must be submitted to this office within 30 days upon the receipt of this letter. By law, Item 4 must be submitted within five (5) working days of observance.

If you have any questions concerning this matter, please contact Storm Goranson, Hazardous Materials Specialist at 874-7237.

Sincerely,

Rafat A. Shahid
Rafat A. Shahid, Chief
Hazardous Materials Division

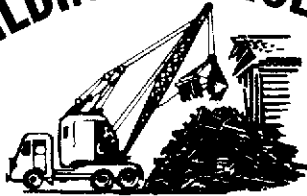
RAS:SG:mam

cc: File

Enclosure

CHAS. S. CAMPANELLA, INC.

BUILDING DEMOLITION



DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 874-7337
December 24, 1987

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction.

5401 SAN LEANDRO STREET, OAKLAND, CALIFORNIA

Copy of these accepted plans must be on the job and available to all construction and craftsmen involved with the construction and installation.

Alameda County Health Agency
Division of Hazardous Materials
470 27th Street, Room 322
Oakland, Ca. 94612

Any change or alteration of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 48 hours prior to the following required inspections:

- Pull Tank
- Pre-Covering of Tank and Piping
- Final Inspection

Attn: Storm Goranson

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

Dear Sirs,

HERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Charles S. Campanella Inc. has been contracted to remove approx. 500 Gallon underground gasoline storage tank located under the N-E sidewalk in the 350 block of 10th Street, between Franklin and Webster Streets in Oakland.

Schumm

Residual Product, Cleaning and rinsate and tank disposal will be handled by Oscar Erickson Inc., 255 Parr Blvd., Richmond.

Blaine Tech Services, P.O. Box 5745, San Jose will conduct on site soil sampling for Hydrocarbon and BTX+E under and adjacent to the tank. Sequoia Analytical Laboratory, 2549 Middlefield Road, Redwood City will perform Lab analysis on samples submitted. All regulatory agencies will be provided with analysis reports.

An Excavation Fuel Tank Removal Permit will be obtained from the City of Oakland Fire Marshalls Office and we will provide a minimum of 48 hour advance notice to applicable regulatory agency's prior to excavation and removal. Moreover, U.S.A has been advised of the excavation and will notify all Utilities to mark same.

Campanella Inc. employees on site will wear work boots, gloves, safety glasses, hard hats and NIOSH approved Filter masks.

I have enclosed a site map to geographically locate the product fill pipe.

Should you have further questions, please contact me.

Sincerely,

Charles S. Campanella
CSC:DB:hj

Done

Brent

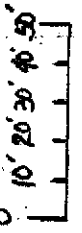
WEBSTER

11th STREET

KEY: x x x x PERMANENT FENCE
x o x o TEMP. FENCE PANELS

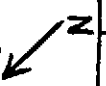
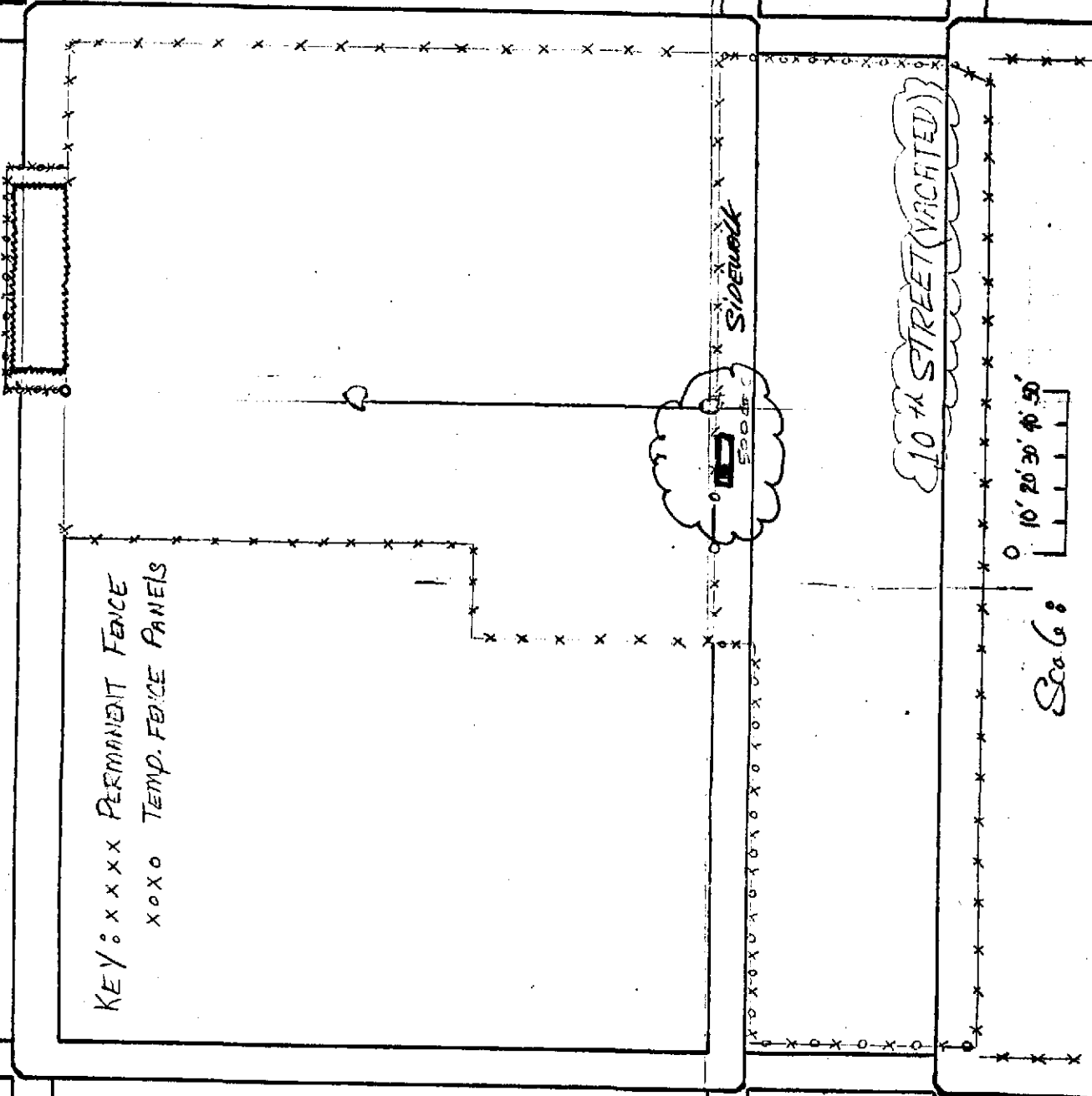
SIDEWALK

10th STREET (VACATED)



Scale:

FRANKLIN



Compeller

re: 350 block 110th
(between Franklin & Webster)

- TPH
- Sampler - center tank: @ 8' below
- pipe in: sampling & abundance
- ~~same for release~~
- Depth of gw:

Dennis Proposer
City of OAKLAND
Brown
536-4800

Ray Feely
223-3017

Walker Comp # 900 906-87 State Fund

SW = 34'

Well sample pipes ev 20'

TOTAL Fuel + TPH

CITY OF OAKLAND



CITY HALL • ONE CITY HALL PLAZA • OAKLAND, CALIFORNIA 94612

Office of Public Works

TTY 839-6451

November 16, 1987

18
Haz mat

RECEIVED
NOV 18 1987
ENVIRONMENTAL HEALTH
ADMINISTRATION

State of California
California Regional Water
Quality Control Board
San Francisco Bay Region
1111 Jackson Street, Room 6040
Oakland, CA 94607

RE: REMOVAL OF UNDERGROUND FUEL TANKS IN THE CHINATOWN
REDEVELOPMENT AREA
CITY OF OAKLAND PROJECT NO. 97110

Subject: Work Plan - Gasoline Leak Investigation

Gentlemen:

The attached document is hereby submitted on behalf of the City of Oakland Redevelopment Agency.

This document presents the work plan developed by Harding Lawson Associates (HLA) to address soil and groundwater contamination associated with leakage from underground fuel storage tanks at 11th and Webster Streets, in the Chinatown Redevelopment Area in Oakland California.


Four underground storage tanks were removed from the site in April, 1987. A fuel leak report was filed in June, 1987.

HLA anticipates initiating the proposed interim soil remediation program and ground water investigation outlined in the work plan, in 10 days following the date of this submittal.

RE: REMOVAL OF UNDERGROUND FUEL TANKS IN THE CHINATOWN
REDEVELOPMENT AREA
CITY OF OAKLAND PROJECT NO. 97110

Copies of this document are being transmitted to the Alameda County
Department of Environmental Health and the Bay Area Air Quality Management
District.

Very truly yours,


FOR RANDALL A. LUM
Principal Civil Engineer
Office of Public Works
Construction Division

273 - 3051

~~444 - 2489~~

cc: Ted Gerow
Alameda County Department of
Environmental Health

Bay Area Air Quality
Management District

OEDE - P. Chen
R. Feeley
P. File
M. File



November 13, 1987

9382,011.01

City of Oakland
Redevelopment Agency
One City Hall Plaza
Oakland, California 94612

Attention: Mr. Peter Chin

Gentlemen:

Work Plan
Gasoline Leak Investigation
Chinatown Redevelopment Project Area
Oakland, California

Harding Lawson Associates (HLA) is pleased to submit this work plan to address soil and ground-water contamination associated with leakage from underground fuel storage tanks at 11th and Webster Streets in the Chinatown Redevelopment Project area of Oakland, California. This work plan should be forwarded under the City of Oakland cover to the San Francisco Bay, Regional Water Quality Control Board informing them that HLA anticipates initiating the work 10 days after the submittal date. Also, as a courtesy, a copy of the work plan should be sent to the Alameda County Department of Health Services and the Bay Area Air Quality Management District.

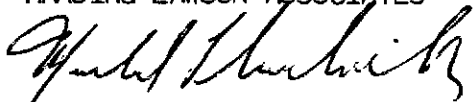
It is imperative for a more complete understanding of the proposed building construction, that HLA review, as soon as possible, all existing site and foundation plans that are available. It is also recommended that East Bay Municipal Utility District be fully advised of all current known soil and ground-water conditions and of the plans regarding future ground-water investigation, interim soil remediation measures, and proposed ground-water remediation and treatment scenarios.

November 13, 1987
9382,011.01
Mr. Peter Chin
City of Oakland
Page 2

Estimated costs for the proposed ground-water investigation and estimate for soil removal alternatives are being forwarded under separate cover.

Yours very truly,

HARDING LAWSON ASSOCIATES



Michael L. Siembieda
Senior Geologist



Donald G. Gray
Principal Engineer

MLS/DGG/km

Enclosure

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		STATE TANK ID # N O N E																																																																							
REPORT DATE M M D D Y Y		LOCAL CASE #		REGIONAL BOARD CASE #																																																																							
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Randall A. Lum		PHONE (415) 273-3051		SIGNATURE <i>Randall A Lum</i>																																																																						
	REPRESENTING <input checked="" type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER <input type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD		COMPANY OR AGENCY NAME City of Oakland																																																																								
	ADDRESS #1 STREET City Hall Plaza		CITY Oakland		STATE CA ZIP 94612																																																																						
RESPONSIBLE PARTY	NAME See attached <input checked="" type="checkbox"/> UNKNOWN		CONTACT PERSON		PHONE ()																																																																						
	ADDRESS STREET		CITY		STATE ZIP																																																																						
SITE LOCATION	FACILITY NAME (IF APPLICABLE)		OPERATOR None		PHONE () None																																																																						
	ADDRESS South side of 11th Street STREET 80 Ft. west of Webster		CITY Oakland		Alameda COUNTY ZIP 94612																																																																						
	CROSS STREET Webster	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> RURAL <input type="checkbox"/> OTHER		TYPE OF BUSINESS <input type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER																																																																							
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Department		AGENCY NAME		CONTACT PERSON Ted Gerow																																																																						
	REGIONAL BOARD San Francisco Bay				PHONE (415) 874-7237																																																																						
	TSCD				PHONE (415) 464-1255																																																																						
SUBSTANCES INVOLVED	CAS # (ATTACH EXTRA SHEET IF NEEDED)		NAME		QUANTITY LOST (GALLONS)																																																																						
	(1)		Gasoline (3 Tanks)		<input checked="" type="checkbox"/> UNKNOWN																																																																						
(2)		Waste Oil (1 Tank)		<input checked="" type="checkbox"/> UNKNOWN																																																																							
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 M 4 M 2 D 3 D 8 Y 7 Y		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> ROUTINE MONITORING <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> OTHER:																																																																								
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK																																																																								
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 M 4 M 2 D 3 D 8 Y 7 Y		<input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURES <input checked="" type="checkbox"/> OTHER Remove Tanks																																																																								
SOURCE/CAUSE	SOURCE(S) OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER (SPECIFY)		TANKS ONLY/CAPACITY 4 Tanks GAL AGE [] YRS. [] UNKNOWN MATERIAL <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> FIBERGLASS <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> CORROSION <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER																																																																						
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COMMENTS	COMMENTS: Four abandoned tanks discovered under sidewalk on 11th Street Three contained old gasoline/water mixture; volume 550, 550 & 850 gal. One contained waste oil; volume 250 gal. Site characterization in progress.																																																																										
	COMPLETE AND ATTACH A CLEANUP TRACKING REPORT IF ANY CLEANUP WORK OR PLANNING HAS STARTED																																																																										

Harding Lawson Associates

Engineers and Geoscientists



One City Hall Plaza
Oakland, California 94612

INITIAL GASOLINE LEAK INVESTIGATION
CHINATOWN REDEVELOPMENT PROJECT AREA
OAKLAND, CALIFORNIA

The tanks were located under the sidewalk adjacent to a piece of property owned by the Redevelopment Agency of the City of Oakland. The property was purchased in August 1979, by the Redevelopment Agency from Thomas L. Stevens and B. Alfred Howkins, Trustees for the Estate of Bessie C. Howkins, the then owner of the property. At the time of acquisition, the property was leased to Multiple Allied Services, Inc., DBA Miracle Auto Painting Company. The tanks were installed underground prior to the acquisition of the adjacent property by the Redevelopment Agency.



TELEPHONE CONVERSATION RECORD

File: Oakland/Chinatown Job No.: _____ Date: 12-14-87
Person (called, calling): Kent Becker Time: 2:00
Representing: Bay Area Air Quality Board City: _____
Subject: _____ Tel. No.: _____
Soil Aeration

Items Discussed: - gave Kent info for Soil Aeration Program

cc:

Signature: [Handwritten Signature]