

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



1015-02

R0238

October 14, 2002

Mr. Joseph Cotton
City of Oakland Public Works Agency
Dalziel Bld., 250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612-2034

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

INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS
REQUIRED OR ISSUE A CLOSURE LETTER FOR 2662 FRUITVALE AVE.,
OAKLAND, CA 94601

Dear Mr. Cotton:

This letter is to inform you that Alameda County Environmental Health Department, Local Oversight Program (LOP), intends to make a determination that no further action is required at the above site or to issue a closure letter. Please notify this agency of any input and recommendations you may have on these proposed actions within 20 days of the date of this letter.

In accordance with section 25297.15 of Ch. 6.7 of the Health & Safety Code, you must provide certification to the local agency that all of the current record fee title owners have been informed of the proposed action. Please provide this certification to this office within 20 days of the date of this letter. You may use the enclosed example letter (#3) for your reply.

If you have any questions about these proposed actions, please contact me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

enclosure

cc: Mr. L. Griffin, City of Oakland Fire Services OES, 1603 Martin Luther King Dr.,
Oakland, CA 94612

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY (FOR NAME AND ADDRESS OF SUBJECT SITE)

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

cleanup proposal (corrective action plan)

site closure proposal

local agency intention to make a determination that no further action is required

local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

sample3

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



01-29-02

January 28, 2002
StID 4457/ RO00000238

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

Mr. Joseph Cotton
City of Oakland Public Works
250 Frank H. Ogawa Plaza, Suite 5301
Oakland, California 94612-2034

**Re: Site Remediation and Closure Report
2662 Fruitvale Avenue
Oakland, California 94621**

Dear Mr. Cotton:

This office has reviewed the above referenced site remediation and closure report, dated January 14, 2002, prepared and submitted by Cambria Environmental Technology, Inc. (Cambria) for the subject site. The site remediation and closure report describes completed and proposed future remediation activities and closure of onsite monitoring wells. This office agrees that the site is suitable for residential development. The Risk Management Plan provided will be observed during the development.

The site remediation and closure report also states that offsite groundwater remediation using hydrogen peroxide will be conducted in the spring. This office approved the proposed offsite groundwater remediation in a September 24, 2001 letter responding to the September 17, 2001 remediation workplan submitted by Cambria. Upon satisfactory completion of offsite groundwater remediation, this office will recommend case closure for the site.

If you have any questions regarding this letter or the subject site, please call me at (510) 567-6765.

Sincerely,

Barney Chan
Hazardous Materials Specialist

cc: B. Chan, files
Chuck Headlee, San Francisco Bay RWQCB
Bob Clark-Riddell, Cambria Environmental Technology, 1144 65th St, Ste C, Oakland, CA 94608
2662Fruitvale reg-approval

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



9-28-01

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

September 27, 2001 ✓
StID 4457/ RO0000238

Mr. Joseph Cotton
City of Oakland Public Works
250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612-2034

Re: Remediation Workplan for 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Cotton:

This letter recounts our conversation of September 26, 2001 and approves the closure of monitoring MW-F2 in addition to MW-F1 and MW-F3. It was agreed that there would not be any significant loss of information with the closure of this well.

Please notify our office when you proceed with the previously approved tasks of your remediation work plan.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. B. Clark-Riddell, Cambria Environmental, 1144 65th St., Suite B, Oakland CA 94608

WellMWF2

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



9-25-01

September 24, 2001
StID 4457/ RO00000238

Mr. Joseph Cotton
City of Oakland Public Works
250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612-2034

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

Re: Remediation Workplan for 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Cotton:

Our office has received and reviewed the September 17, 2001 Remediation Workplan for the referenced property as prepared by Cambria Environmental, your consultant. This work plan follows conversations with you and Mr. Bob Clark-Riddell of Cambria. The proposal includes a number of tasks, which intend to lead to regulatory site closure and residential development of this parcel. Because of the intended future use, additional remediation is proposed to provide additional insurance against potential health concerns.

As you are aware, the following tasks are proposed:


- Perform a utility, conduit and sensitive receptor survey. This includes a well survey within a ¼ mile radius of the site and passing out a questionnaire to homes within a 200 feet radius.
- Perform limited soil excavation near soil sample F4-2', where elevated lead and TPH as motor oil was found. Confirmation soil samples will be collected and analyzed after excavation.
- Install a trench approximately 20'x2'x10' up-gradient of the TPH plume and add approximately 500 pounds of oxygen releasing compound (ORC) within the capillary zone.
- Introduce an approximate 7.5% solution of hydrogen peroxide solution into site wells MW-F4 and MW-13, weekly over a period of four weeks.
- Prepare and submit a Risk Management Plan to be included with the site closure document and implemented during site development.

These tasks are approved. Please monitor wells MW-F4 and MW-13 and consider additional hydrogen peroxide addition if necessary. Your work plan was not explicit in stating the amount of this chemical, which will be added to these wells. The work plan also requests concurrence to close wells MW-F1 through MW-F3. Due to the proximity of MW-F2 to the areas of chemical addition, we request that MW-F2 not be closed, however, the other two well may be closed. Once the excavation has occurred, our office is prepared to approve on-site residential development. Site closure is reserved for the completion of the mentioned tasks and successful treatment of wells MW-F4 and MW-13,

Mr. Joseph Cotton
2662 Fruitvale Ave., Oakland CA 94601
September 24, 2001
StID 4457/ RO00000238
Page 2

Please keep our office informed of the progress in this remediation. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. B. Clark-Riddell, Cambria Environmental, 1144 65th St., Suite B, Oakland CA 94608
Remwp2662Fruitvale

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



B-12-01

R0238

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

March 9, 2001
StID # 4457

Mr. Joseph Cotton
City of Oakland Environmental Services
250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612

**Re: Semi-Annual Groundwater Monitoring Report for 2662 Fruitvale Ave.,
Oakland CA 94601**

Dear Mr. Cotton:

Our office has received and reviewed the referenced February 21, 2001 ITSI report and have also been informed of the future intentions for this site. We understand that the site is planned for residential housing and sales and development of the property is contingent on obtaining site closure. The residual soil and groundwater contamination at the site starts from the southern boundary of the site and extends down-gradient beneath and across Davis St. The edge of the gasoline plume lies somewhere between monitoring well MW-13 and the down-gradient wells, MW-F6 and MW-F5.

This report includes monitoring results after the hydrogen peroxide treatment of wells MW-F4 and MW-13. Results of this application were mixed with some improvement and some not. In our recent discussion, you stated the City would be recommending localized excavation, the installation of a trench and addition of oxygen releasing compound and the addition of Fenton's reagent to MW-13. It was assumed that this work would insure site closure. Please submit a work plan to perform this proposed work.

Prior to making any closure decision, however, please perform a utilities and sensitive receptor survey. It should include a search of potentially impacted neighboring properties looking for wells, basements, buildings without foundations etc.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. J. Hess, ITSI, 2855 Mitchell Drive, Suite 111, Walnut Creek, CA 94598
2662Fruitvale

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SOVT 8-23-2000

RO# 238

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

August 22, 2000
StID # 4457

Mr. Joseph Cotton
Public Works Agency
250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612-2034

Re: City of Oakland Property, 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Cotton:

Our office has received and reviewed the **Semi-Annual Groundwater Monitoring** report performed on June 27, 2000 by your consultant, ITSI. These results are consistent with past results and indicate an apparent localized area of high gasoline and BTEX in groundwater between the edge of the property across Davis St. Because of the consistent elevated results, your consultant is recommending the addition of 1-3% hydrogen peroxide in monitoring wells MW-F4 and MW-13. This should augment the past ORC injections and may also chemically oxidize the petroleum hydrocarbons. Our office concurs with this approach. Please institute a regular addition of hydrogen peroxide to these two wells. Prior to your next semi-annual monitoring, please cease the peroxide addition soon enough to insure a non-biased sample, which is representative of the aquifer.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. J. Hess, ITSI, 2855 Mitchell Drive, Suite 111, Walnut Creek, CA 94598

H202-2662Fruitvale

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SENT 6-30-2000

20238

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

June 29, 2000
SID # 4457

Mr. Joseph Cotton
City of Oakland
250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612-2034

Re: Groundwater Monitoring at 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Cotton:

Our office has received and reviewed the January 21, 2000 Semi-Annual groundwater monitoring report for the above site prepared by ITSI, your consultant. It appears that although petroleum hydrocarbon concentrations have stabilized, somewhat elevated TPH as gasoline concentrations still exist near the property boundary and down-gradient across Davis St. It is unclear whether the plume is of uniform concentration beneath Davis St. or whether there may have been more than one release. This gasoline plume has not migrated further down-gradient towards MW-F5 and MW-F6.

In order to facilitate site closure and reduce the petroleum concentration, your consultant recommends the addition of discrete doses of dilute hydrogen peroxide into monitoring wells MW-4 and MW-13. Weekly additions over a period of 6-8 weeks are proposed. This would be discontinued 1-2 weeks prior to the next semi-annual monitoring event. Our office approves of this action. Hopefully, this has already been done and your next monitoring event will show the effects of this treatment. If not, you are encouraged to start this treatment after the next semi-annual monitoring event. You may want to continue the addition of peroxide beyond 8 weekly additions if there is still indication of petroleum contamination.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. J. Hess, ITSI, 2855 Mitchell Dr., Suite 111, Walnut Creek, CA 94598

H202-2662Fruitvale

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 11-18-99
Including cc's

R0238

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

November 18, 1999
StID # 4457

Mr. Joseph Cotton
City of Oakland Environmental Services
250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612

Re: 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Cotton:

Thank you for the submission of the Semi-Annual Groundwater Monitoring Report for the above referenced site. It appears that the petroleum hydrocarbon plume has migrated off-site and its limits are defined by monitoring well MW-F2 and wells, MW-F5 and MW-F6. Wells MW-F4 and MW-13, within the heart of the plume, exhibit the highest dissolved petroleum hydrocarbon concentrations.

It appears the effect of the October 1998 ORC injections may be waning. Our office agrees with the recommendation to continue the scheduled semi-annual monitoring, however, we suggest you consider an additional application of ORC. This may be done by introducing ORC socks into the two highest impacted wells or another slurry injection. You may also consider discontinuing the analysis for petroleum hydrocarbons on those wells, which historically have not shown contamination, ie wells MW-F1, MW-F2 and MW-F3. This assumes that free product is no longer present in MW-13.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. J. Hess, ITSI, 1330 Broadway, Suite 1625, Oakland, CA 94612
Mon2662Fruitvale

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 238

March 3, 1999
StID # 4457

Mr. Joseph Cotton
City of Oakland
Dalziel Bld., 250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612

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

Re: City of Oakland Site, 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Cotton:

Our office has received and reviewed the February 19, 1999 Semi-Annual Groundwater Monitoring report for the above site as prepared by Innovative Technical Solutions, Inc. (ITSI). At this point, it appears that you have not seen the anticipated affect of the addition of ORC borings performed in October 1998. More surprising, is the lack of apparent affect in the dissolved oxygen in well MW-F2, which is located within the proximity of the ORC injections. Our office has the following comments and recommendations for this site:

- Please include the measurement for oxidation-reduction potential (ORP) in future monitoring events
- Please verify the calibration and proper operation of your oxygen reading meter in future monitoring events
- You may eliminate the testing for MTBE in future monitoring

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. J. Hess, ITSI, 1330 Broadway, Suite 1625, Oakland CA 94612
Mon-2662

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#238

September 30, 1998
StID # 4457

Mr. Joseph Cotton
City of Oakland
Dalziel Building
250 Frank H. Ogawa Plaza, Suite 5301
Oakland CA 94612

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

Re: Groundwater Remediation Workplan for 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Cotton:

Our office has received and reviewed the September 18, 1998 work plan for the remediation of groundwater at the above site. The work plan proposes the advancement of ten (10) soil borings on the up-gradient side of the contaminant plume for the injection of oxygen releasing compound (ORC). In addition, an absorbent sock will be installed within MW-13, the off-site well where free product has been observed in the past.

Our office approves of this work plan and the work may be scheduled as soon as possible. Please contact our office at least 72 working hours prior to this field work so I may arrange to be on-site, if possible.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. J. Hess, ITSI, 1330 Broadway, Suite 1625, Oakland CA 94612
ORCwp2662

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RO# 238

May 27, 1998
StID # 4457

Mr. Joseph Cotton
City of Oakland Environmental Services
1333 Broadway, Suite 330
Oakland, CA 94612

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

RE: City of Oakland Site, 2662 Fruitvale Ave., Oakland, CA 94601

Dear Mr. Cotton:

Our office has received and reviewed the May 18, 1998 Semi-Annual Groundwater Monitoring report for the above site as prepared by Innovative Technical Solutions, Inc., (ITSI). Upon my review of this report, I have the following questions and comments which should be addressed in order to expedite site closure:

- Please verify that the City has decided not to perform the previously proposed limited site excavation. It appears that the residual soil contamination is mainly TPH which would not pose an imminent human health risk. This type of contamination is often addressed in either a risk management plan or within the "transmittal letter" sent to the responsible party and the City Offices of Public Works.
- Please install, as I previously recommended, oxygen-releasing compounds into monitoring wells MW-F4 and MW-13. Please consider purging these wells if free product is present prior to ORC introduction. Oxygen levels are low within the heart of the plume.
- Please include the analysis of MTBE in the wells at this site. You may use EPA Method 8020 for all wells except MW-F4 and MW-13. Given the elevated TPHg in these wells, please run MTBE by EPA Method 8260.

Please address the above items as soon as possible. I would like to see the affect of these actions on the next monitoring event. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. J. Hess, ITSI, 1330 Broadway, Suite 1625, Oakland CA 94612

B102662

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0#238

November 12, 1996
StID # 4457

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

Mr. Andrew Clark-Clough
City of Oakland, Environmental Services
1333 Broadway, Suite 330
Oakland CA 94612

Re: 2662 Fruitvale Ave., Oakland CA 94601

Dear Mr. Clark-Clough:

This letter serves to recount our recent conversation of the above City of Oakland site. In our conversation, we discussed the "ownership" of MW-13, the well installed for the former Chevron site located at 2681 Fruitvale Ave. This well is downgradient to the City's site (2662 Fruitvale) and is most likely monitoring petroleum contamination either downgradient of the City's site or of a yet unidentified site. However, since Chevron has installed a well (MW-16) between their site and MW-13 and it has not detected petroleum hydrocarbon during three years of monitoring, you acknowledged that the contamination in MW-13 was likely from the City's site.

This point is significant, since Chevron has requested that our office consider their site for closure. Excluding the contamination detected in MW-13, this is a reasonable request. Our office will thus proceed with reviewing the Chevron site for closure.

We also discussed whether onsite localized excavation was to occur as previously proposed and whether groundwater removal from MW-13 would be a viable remediation method. Your June Semi-annual monitoring report also mentioned considering the addition of ORC (oxygen releasing compounds) into wells MW-13 and MW-F4.

Please clarify which, if any of the above, remedial activities will be performed at this site. Please include a time schedule for this work (if applicable) along with your next semi-annual monitoring report. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files

Mr. K. O'Dea, Baseline Env. Consulting, 5900 Hollis St., Suite
D, Emeryville, CA 94608 2-2662Fr

ALAMEDA COUNTY
HEALTH CARE SERVICE
AGENCY

DAVID J. KEARS, Agency Director



R0238

RAFAT A. SHAHID, DIRECTOR

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

September 22, 1995
StID #4457

Mr. Andrew Clark-Clough
City of Oakland
1333 Broadway, Suite 330
Oakland CA 94612

**Re: Comment on Baseline's September 1995 Supplemental Groundwater
Investigation for 2662 Fruitvale Ave., Oakland CA 94601**

Dear Mr. Clark-Clough:

Thank you for the submission of the above referenced report. Our office has completed its review and this letter serves to comment on the recommendations and conclusions of your consultant, Baseline. Recall, this report detailed the installation of two additional downgradient wells, MW-F5 and MW-F6, and the sampling of MW-13 the well installed by Chevron. The concentration of gasoline and BTEX found in MW-13 was significantly higher than the prior sampling event in 12/21/94. This is opposed to the lower concentration of gasoline and BTEX detected in MW-F4 versus its concentration in 12/21/94. Our office recommends the comparison of the gas chromatograms for the groundwater samples from these two wells, MW-F4 and MW-13. Perhaps one can determine whether the gasoline detected in these wells are consistent or whether more than one source is indicated.

In regards to the recommended changes in monitoring for this site, our office agrees that semi-annual monitoring is appropriate for wells MW-F1 through MW-F3, however, we request that you continue to monitor the new wells, MW-F4 through MW-F6 on a quarterly basis. This information is needed to verify the limits of the contaminant plume as well as observe any trends in contaminant concentrations. In regards to the proposed limited excavation, please notify our office 48 working hours prior to your field activities.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: K. O'Dea, Baseline Environmental Consulting, 5900 Hollis St.,
Suite D, Emeryville CA 94608
G. Young, files
mon2662

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

R0238

November 18, 1994
StID # 4457

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

Mr. Andrew Clark-Clough
City of Oakland
Environmental Affairs Division
1333 Broadway, Suite 330
Oakland CA 94612

**Re: Comment on November 16, 1994 Report on Supplemental
Groundwater Investigation at 2662 Fruitvale Ave.,
Oakland 94601**

Dear Mr. Clark-Clough:

Thank you for the submittal of the above report detailing the findings of the latest investigation at this City site. Recall, the investigation involved the former sump area and downgradient to former boring F14. It appears that the oil and grease contamination beneath the sump was limited in extent and limited excavation would remedy this area. In the other area, both soil and groundwater contamination was detected downgradient to the former tank locations on this site. In addition, free product was detected in MW-13, the well installed by Chevron further downgradient from this site.

At this time, I would like to comment on the recommendations made in this report and request further action in regards to the free product evidently migrating off-site. Although neither Chevron or the City of Oakland has assumed the responsibility for the free product being found in MW-13, it is clear that no other viable sources have been identified. It is also clear that free product must be addressed in accordance to Title 23, Chapter 16, Section 2655 of the California Code of Regulations. Certainly, the presence of this contamination over a long period of time presents both an environmental and human health threat and an active remedial approach is necessary. Our office hopes that Chevron and the City of Oakland will quickly resolve the liability issue and prevent the need to seek any enforcement action.

In regards to the recommendations given in this report, quarterly groundwater monitoring should continue on all wells associated with this site **including MW-13 or a well equivalent to this well installed by the City.** The proposal to install two additional wells further downgradient is acceptable. Please update our office as to the anticipated timetable for the installation of these wells as well as the overexcavation workplan previously approved by this office.

Mr. Andrew Clark-Clough
StID #4457
November 18, 1994
Page 2.

Should you have questions or comment regarding this letter, you may contact me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: Kevin O'Dea, Baseline, 5900 Hollis St., Suite D, Emeryville,
CA 94608
M. Miller, Chevron USA, P. O. Box 5004, San Ramon 94583-0804
E. Howell, files

5-2662

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0238

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

July 8, 1994
StID # 4457

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. Andrew C. Clough
Office of Public Works
City of Oakland
1333 Broadway, Suite 800
Oakland CA 94612

**Re: Comment on June 27, 1994 Proposed Additional Groundwater
Investigation for 2662 Fruitvale Ave., Oakland 94601**

Dear Mr. Clough:

Our office has just received the above work plan proposal which responds to my June 17, 1994 conversation with Mr. Kevin O'Dea of Baseline. This work plan calls for the advancement of three well points in addition to monitoring well MW-F4 as an attempt to determine if groundwater contamination being found in Chevron's MW-13 may be coming from the 2662 Fruitvale site. This work plan supplements the proposed investigation of the on-site sump and on-site excavation of contaminated soils. This work plan is acceptable and you may initiate this work as soon as possible.

I understand that the implementation of the work plan is dependent on receiving encroachment permits for the well points and that the installation of the off-site well and the well points will be performed prior to any excavation. I also understand that the City is attempting to co-ordinate monitoring with the neighboring Chevron site. Please keep our office updated on your progress of work in your quarterly monitoring reports.

Please be aware our office has moved to: **1131 Harbor Bay Parkway, Rm 250, Alameda CA 94502**. Until our phone system is in order, you may leave a voice message for me at (510) 271-4310.

Sincerely,

A handwritten signature in cursive script that reads "Barney M. Chan".

Barney M. Chan
Hazardous Materials Specialist

cc: K. O'Dea, Baseline Env. Consulting, 5900 Hollis St., Suite D,
Emeryville, CA 95608

M. Miller, Chevron USA Products Co., P.O. Box 5004, San
Ramon, CA 94583-0804

4-2662

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0238

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

May 20, 1994
StID # 4457

Mr. Andrew C. Clough
Office of Public Works
City of Oakland
1333 Broadway, Suite 800
Oakland CA 94612

**Re: Summary of May 12, 1994 Meeting on Subsurface Investigation
at 2662 Fruitvale Ave., Oakland 94601**

Dear Mr. Clough:

This letter serves to summarize the May 12, 1994 meeting between you, myself and Mr. Kevin O'Dea of Baseline regarding the May 10, 1994 work plan for additional investigation at the above site. Recall, this work plan called for borings within and around the former sump area, the excavation of soil in areas previously identified as having residual petroleum contamination, the repair of one well and the installation of a new well. Our office had the following comments and concerns:

1. If the location of the former sump is identified, our office was willing to accept a single boring within the center of this area as a confirmation sample to determine whether a contaminant release had occurred. If its location is unclear, the borings recommended are acceptable.
2. Soil samples after overexcavation would be taken at the prescribed frequency. Although no specific cleanup levels were discussed, a PID would be used to screen for potential clean levels. Ultimately, a human health risk assessment would be performed using the exposure scenario accounting of the future use of the site. Though non-detectable is the goal for the soil cleanup, physical constraints may ultimately determine the extent of excavation.
3. The City chose not to use the existing monitoring well installed by Chevron. Therefore, a map indicating the location of your downgradient offsite well should be submitted to our office as soon as its location has been determined. We discussed the results of Chevron's investigation which supports the belief that the contamination being found in the well across your site on Davis St. is likely from the City's site. Should your offsite well confirm this, groundwater remediation will be required.

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StID # 4457
2662 Fruitvale Ave.
May 20, 1994
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4. Due to the uncertainty of the timeframe for the proposed investigation, groundwater monitoring was to be reinstated as soon as possible to help further characterize this site.

Please keep our office updated with your schedule for work at this site and inform our office **48 working hours** prior to any field activities so I may arrange to be present, if possible. If you have any comments or concerns with this letter you may contact me at (510) 271-4530.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: K. O'Dea, Baseline Environmental Consulting, 5900 Hollis St.,
Suite D, Emeryville, CA 95608
M. Miller, Chevron USA Products Co., P.O. Box 5004, San
Ramon, CA 94583-0804
3-2662Fruit

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0238

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

January 19, 1994
StID # 4457

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. James Cotton
Office of Public Works
City of Oakland
1333 Broadway, Suite 800
Oakland CA 94612

**Re: Comment on October 1993, Phase III Soil and Groundwater
Investigation for 2662 Fruitvale Ave., Oakland CA 94601**

Dear Mr. Cotton:

Our office has received and reviewed the above referenced report detailing the results of soil borings and groundwater monitoring well installations at this City site. We have also discussed this site with Ms. Geneva Randle of Baseline. Please be aware, until further notice, you should continue to monitor these wells on a quarterly basis and send our office a copy of this report. The results of this report identify a number of areas which still require investigation. These items include:

1. Our office concurs with Baseline's recommendation to excavate the two areas of apparent petroleum hydrocarbon contamination; near F8, F4 and F13 and near F14. The sump should also be removed or closed with adequate sampling beneath the sump to verify no release of hydrocarbons has occurred.

2. An additional off-site well will be required to determine the extent of migration of the gasoline plume. Recall that an off-site well (MW13) installed by Chevron and located downgradient to this site has consistently detected high Total Petroleum Hydrocarbons as gas, TPHg, and BTEX concentrations.


Chevron has recently installed and sampled two additional wells on the border of their site, 2681 Fruitvale Ave. The results of their samplings indicate that Chevron's gasoline plume is relatively confined to their own site. In fact, Chevron has requested discontinuing the groundwater monitoring of MW13, since groundwater contamination appears to be coming from the City's site. Our office agrees with this conclusion. You should either contact Chevron to obtain their permission to continue monitoring their well or install a well of your own in the same general location as their MW13. If you do use Chevron's well, please insure the groundwater elevation for all wells are determined relative to mean sea level.

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2662 Fruitvale Ave.
January 18, 1994
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Lastly, please contact our office at least two working days prior to initiating any field work so I may witness these activities if possible. Please provide a work plan addendum which addresses the above items to our office **within 45 days or by March 8, 1994.**

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Randle, Baseline Environmental Consulting, 5900 Hollis
St., Suite D, Emeryville, CA 94608
M. Miller, Chevron USA Products Co., P.O. Box 5004, San
Ramon, CA 94583-0804
R. Coughlin, Texaco Refining & Marketing, 10 Universal City
Plaza, Universal City, CA 91608
3-2662Fr

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



R0238

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DEPARTMENT OF ENVIRONMENTAL HEALTH

State Water Resources Control Board

Division of Clean Water Programs

UST Local Oversight Program

80 Swan Way, Rm 200

Oakland, CA 94621

(510) 271-4530

May 13, 1993
StID # 4457

Ms. Julie Carver
Office of Public Works
City of Oakland
1333 Broadway, Suite 800
Oakland CA 94612

**Re: Status of Subsurface Investigation at 2662 Fruitvale Ave.,
Oakland CA 94601**

Dear Ms. Carver:

Thank you for the submission of the April 1993 Phase II Site Assessment for the above site performed by Baseline Environmental Consulting. As mentioned in this report, it appears that there has been a release of petroleum hydrocarbons from this site and that soil and groundwater has been impacted. You may be aware that I have previously contacted Texaco and asked for all records detailing the removal of underground tanks from this site. I will be copying Mr. Rose Coughlin of Texaco to make her aware of the results of this Phase II Assessment. However, until further notice I will be directing all correspondence to you and the City of Oakland as the responsible party for this site.

I would also like to make you aware of the current investigation being performed across the street at 2681 Fruitvale Ave., a former Chevron station. For several years this site has been investigating a gasoline release which has impacted the groundwater. As part of their investigation, several offsite wells were installed attempting to determine the limits of the groundwater contamination. One of these wells, MW-13, was installed on Davis St., south of the 2662 Fruitvale site. This well is in the downgradient location relative to the 2662 Fruitvale site if we assume the groundwater gradient of the Chevron site. Chevron is in the midst of installing two additional wells, one on Davis St. and one on Fruitvale, in hopes of better defining the gradient and groundwater plume emanating from their site. At this time, given the results of the grab water sample from boring F1 and the assumed gradient, the contamination being found in MW-13 is likely coming from the 2662 site. Part of your future investigation should include verifying the source of offsite contamination and consideration of remedial options. Mr. Mark Miller of Chevron is also being copied to inform him of the City's progress in the investigation.

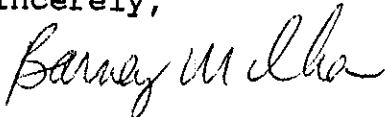
The future work proposed for the site includes a geophysical survey to determine whether any underground tanks still exist. After this, you intend to drill approximately 10 borings and convert three of these into groundwater monitoring wells. In

Ms. Julie Carver
City of Oakland
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addition, you intend to remove the contents as well as the sump which remains at this site. Our office would like to review the specific work plan for this proposed work like you suggested in your cover letter. We would also appreciate a timetable for all future work, accurate to the best of your ability. Your work plan says that you will begin the additional investigation within 75 calendar days or by early July. I would also hope to have received a work plan for the installation of the borings and monitoring wells by this time. I would also hope that the City would also include the proposal for the installation of offsite borings or wells in this work plan due to the likelihood of offsite migration.

I hope this serves to clarify the situation at this site. If you have any questions or comments please contact me at (510) 271-4530.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Hiett, RWQCB
R. Coughlin, Texaco Refining & Marketing, 10 University City
Plaza, Universal City, CA 91608
M. Miller, Chevron USA Products Co., P.O. Box 5004, San
Ramon, CA 94583-0804
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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0238

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

April 12, 1993
StID # 838

Ms. Rose Coughlin
Texaco Refining and Marketing
10 Universal City Plaza
Universal City, CA 91608

**Re: Results of Inspection of 2662 Fruitvale Ave., Oakland CA
94601, former Texaco Station**

Dear Ms. Coughlin:

As you are aware, in my March 4, 1993 letter to you, I requested any and all documents regarding the removal or abandonment of underground tanks at the above site. I would like to clarify this request because of what is apparent from an inspection of this site which I performed on April 2, 1993. In this inspection, I noticed a total of seven grouted borings around the current fuel islands and around the existing building. This gives me the impression that these borings were performed to determine if any chemical contamination exists in the subsurface of this site. With this in mind, please include all results of subsurface investigations regardless of their intention and in particular please provide all results from the borings noticed in my April 2, 1993 inspection.

Recall that you were requested to provide this information to our office within 45 days of March 4, 1993 or **by April 19, 1993**. I would also like to inform you that I have been discussing this site with Mr. Gary Hoffman of Texaco acting in your behalf.

You may call me at (510) 271-4530 should you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Hiett, RWQCB
M. Miller, Chevron USA Products, P.O. Box 5004, San
Ramon, CA 94583-0804
J. Morn, 69 La Espiral, Orinda, CA 94163
Mr. & Mrs. Seale, 3032 Davis St., Oakland CA 94601
E. Howell, files
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