

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SECRET
02-26-06

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

February 17, 2006

Ms. Danielle Bogni
U.S. General Services Administration
450 Golden Gate Avenue
San Francisco, CA 94102

Subject: SLIC Case RO0002903, Alameda Federal Center – Building 4, 620 Central Avenue, Alameda, CA 94501

Dear Ms. Bogni:

In order for Alameda County Environmental Health (ACEH) to review reports for your site, we would require an oversight account for the above-referenced site. To set up your account, please send a check in the amount of \$6,000.00 payable to Alameda County Environmental Health. Please send your check to the attention of our Finance Department.

This initial deposit may or may not be sufficient to provide all necessary regulatory oversight. ACEH will deduct actual costs incurred based upon the hourly rate specified below. If these funds are insufficient, additional deposit will be requested. Otherwise, any unused monies will be refunded to you or your designee.

The deposit is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project is being debited at the Ordinance specified rate, currently \$166.00 per hour.

Please write "SLIC" (the type of project), the site address, and the AR#0315765 on your check.

If you have any questions, please contact Jerry Wickham at (510) 567-6791.

Sincerely,

Ariu Levi
Division Chief

cc: D. Drogos, J. Jacobs, Jerry Wickham

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



202905 (0)
2048 (6)

March 7, 2000

ENVIRONMENTAL HEALTH SERVICES

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

Mr. James Lew
General Services Administration (GSA)
Golden Gate Field Office (9PFG)
450 Golden Gate Avenue, 7th Floor
San Francisco, CA 94102-3400
STID 4655

RE: Alameda Federal Center, 620 Central Avenue, Alameda, CA 94501

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Lew:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Mr. James Lew
General Services Administration (GSA)
Golden Gate Field Office (9PFG)
450 Golden Gate Avenue, 7th Floor
March 7, 2000
Page 2 of 4

In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6774 should you have any questions about the content of this letter.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SWT 1A-COLS
3-2-00

202903 (6)
2048 (6)

March 1, 2000

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

Mr. James Lew
General Services Administration (GSA)
San Francisco Service Center (9PEC)
450 Golden Gate Avenue, 3rd Floor East
San Francisco, CA 94102-3400
STID 4655

INTENT TO MAKE A DETERMINATION THAT NO FURTHER ACTION IS
REQUIRED OR ISSUE A CLOSURE LETTER FOR ALAMEDA FEDERAL
CENTER, 620 CENTRAL AVENUE, ALMEDA, CA 94501

Dear Mr. Lew:

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.

If you have any questions about these proposed actions, please contact Larry Seto at (510) 567-6774.

Sincerely,


Thomas Peacock
Manager, LOP

cc: Chuck Headlee, RWQCB
Leroy Griffin, City of Oakland Fire Department, 1603 Martin Luther King,
Oakland, CA 94612
Larry Seto, Alameda County Environmental Health
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 48 (LOP)
✓ RO# 2903 (SLIC)

October 8, 1996

Mr. James Lew
General Services Administration (GSA)
San Francisco Service Center (9PEC)
450 Golden Gate Ave., 3rd Flr. East
San Francisco, CA 94102-3400

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

STID 4655

Re: Removal of Tanks #3 and #4 at the Alameda Federal Center, located at 620 Central Avenue, Alameda, California

Dear Mr. Lew,

This office has reviewed over CAL, Inc.'s (CAL) draft workplan, dated September 1996, addressing the removal of Tanks #3 and #4 at the above site. The work plan is acceptable to this office with the following additional comments/requests:

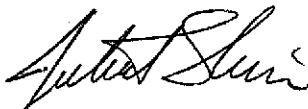
- o A minimum of one monitoring well may be required in the vicinity of Tanks #3 and #4 if any residual soil or groundwater contamination is identified and left in place in the excavation pits. A permanent monitoring well will most likely need to be installed based on the floating product previously observed in Well MW-3, which is currently located immediately adjacent to Tanks #3 and #4; and based on the elevated levels of Polynuclear Aromatic Hydrocarbons (PNAs), Oil & Grease, and Total Extractable Petroleum Hydrocarbons (TEPH) identified in soil samples collected from boring TB3, also located in proximity to these tanks.
- o Table 2, on page 29, should list BTEX and Oil & Grease under the proposed analyses.
- o A Tank Removal Report should be submitted within 45 days after completing tank removal activities.
- o Copies of discharge permits from the East Bay Municipal Utilities District should be submitted to this office prior to beginning field work.
- o Please be reminded to conduct laboratory analysis on samples collected from the excavated stockpiled soil in order to determine whether this soil may be used as backfill.

Mr. James Lew
Re: 620 Central Ave.
October 8, 1996
Page 2 of 2

- o On Page 8 of the draft workplan, Title 23 California Code of Regulations should also be listed under Section 3.2. Under Section 3.3, the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites" should also be listed.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

cc: G. Robert Barry
CAL, Inc.
P.O. Box 6327
Vacaville, CA 95696-6327

Acting Chief

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO 48 (LOP)
✓ RO 2903 (ELIC)
RAFAT A. SHAHID, DIRECTOR

November 2, 1995

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

Mr. James Lew
General Services Administration
S.F. Service Center/
Construction Services Branch (9PEC)
525 Market Street, 31st Flr.
San Francisco, CA 94105

STID 4655

Re: Groundwater monitoring at the Alameda Federal Center,
located at 620 Central Ave., Alameda, California

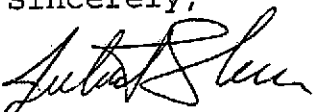
Dear Mr. Lew,

This office has reviewed over CAPE Environmental Mgmt. Inc.'s (CAPE) Addenda to Second Quarter Groundwater Monitoring Report, dated October 1995, for the above site. Per the recommendations outlined in this report, it is acceptable to this office to discontinue analysis for Total Petroleum Hydrocarbons as gasoline (TPHg) in Wells MW-1, MW-2R, MW-4, TW/MW-5, and MW-6 in future sampling events. Additionally, analysis for benzene, toluene, ethylbenzene, and xylenes (BTEX) may be discontinued in future monitoring events for Wells MW-2R, MW-4, TW-MW-5, and MW-6. However, if the gradient flow direction varies from the existing southerly direction in future monitoring events, analysis for BTEX may need to resume in some of these wells.

Please be reminded that none of the above requirements necessarily apply to future investigations associated with Tanks 3 and 4.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,


Juliet Shin
Senior Hazardous Materials Specialist

cc: ^{re} Larry Harlan
CAPE Environmental Mgmt.
20280 South Vermont Ave.
Suite 250
Torrance, CA 90502

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RO48 (LOP)

✓ R02903 (SLIC)
RAFAT A. SHAHID, Director

Alameda County
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

CC4580

August 8, 1995

Mr. Richard Chu
GSA
525 Market St., 31st Floor
San Francisco, CA 94105

STID 4655

Re: Investigations at Alameda Federal Center (GSA), located at
620 Central Ave., Alameda, California

Dear Mr. Chu,

This office has reviewed Cape Environmental Management's (Cape) Preliminary Site Assessment (PSA), dated July 1995, for the above site. Soil samples collected from the newly installed monitoring wells and borings identified Oil and Grease, Total Extractable Petroleum Hydrocarbons (TEPH), and Polynuclear Aromatics (PNAs) in the vicinity of both former Tanks 1 and 2, and existing Tanks 3 and 4. Additionally, low levels of benzene, ethylbenzene, xylenes, and chlorinated hydrocarbons were identified in Well MW-1, located adjacent to former Tank 1.

Quarterly groundwater monitoring shall continue at the site. All wells shall continue to be analyzed for the same constituents as in the last sampling event. The next quarterly sampling event is due to be implemented in August 1995.

Per the PSA report, Cape proposes to discontinue sampling of Wells MW2-R, MW-4, and TW/MW-5, if the next quarter's contaminant concentrations are commensurate to this last sampling event. Although this will be acceptable for Well MW-4, sampling of Wells MW2-R and TW/MW-5 should continue beyond the next quarterly sampling event. Since Well MW2-R is located nearest to former Tank 2, this well should be sampled for at least three additional quarters. If contaminant levels continue to be low to Non Detect in Well MW2-R throughout the four quarters of monitoring, sampling of this well may be discontinued.

Sampling should also continue for Well TW/MW-5, due to the levels of PNAs identified from this well (benzo(a)pyrene concentrations exceeded MCLs). The sampling results obtained in the last sampling event for this well may be incorrect due to inadequate well development. Please be reminded to adequately develop this well at least 24 hours prior to the next sampling event. If unacceptable contaminant concentrations continue to be identified from this well, further investigations may be needed to determine the source of these contaminants.

Mr. Richard Chu
Re: 620 Central
August 8, 1995
Page 2 of 2

As part of the next quarterly sampling event, this office is requesting that a TDS analysis be conducted on some of the water samples to determine whether this water is potentially potable. Cleanup levels for the site will depend partly on the useability of this water.

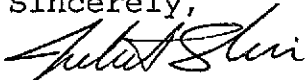
It is the understanding of this office that GSA is currently preparing for the removal of Tanks 3 and 4. Please be reminded to complete the attached Alameda County Underground Storage Tank Removal Plan and have it approved by both this office and the Alameda Fire Department prior to removing tanks. Please provide at least 48 hours notice to this office prior to the tank removals so that we can arrange to have a County representative oversee the work.

A summary work plan documenting any additional work, such as dewatering and discharge of water, overexcavation, etc. shall be submitted in conjunction with the Underground Storage Tank Removal Plan.

According to our files, GSA never submitted the required Unauthorized Release/Leak Report form following the last tank removals. This is a standard form that needs to be completed whenever a release has been documented from a petroleum underground storage tank. Please complete the attached form and submit it to this office within 30 days of the date of this letter.

If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

ATTACHMENT

cc: Ms. Beverly Chin
GSA
525 Market St., 31st Flr
San Francisco, CA 94105

Larry Harlan
Cape Environmental Mgmt. Inc.
20280 South Vermont Ave., Ste 250
Torrance, CA 90502

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



✓ R02903

✓ R048

RAFAT A. SHAHID, DIRECTOR

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

May 2, 1995
STID 4655

Ms. Beverly Chin
GSA
525 Market St., 31st Floor
San Francisco, CA 94105

RE: Addendum for the investigation at the Alameda Federal
Center (GSA), located at 620 Central Ave., Alameda, CA

Dear Ms. Chin:

This office has received and reviewed an Addendum as above, dated April 28, 1995 for the above site. This office accepts the addendum, with the following comments:

1. The comments in the letter from this office by Juliet Shin dated April 14, 1995 have been dealt with and are adequate.
2. Please notify this office at least three days prior to implementation of the workplan.

If you have any questions, please contact this office at (510) 567-6763. Although she is gone this week, Ms. Shin is the caseworker for your site.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas Peacock'.

Thomas Peacock, Supervising HMS
Division of Environmental Protection

cc: Bill Reynolds, Acting Chief - files
Larry Harlan, Cape Environmental Mgmt., Inc. 20280 South
Vermont Ave., Ste. 250, Torrence, CA 90502
Juliet Shin

Ms. Beverly Chin
Re: 620 Central Ave.
April 14, 1995
Page 2 of 3

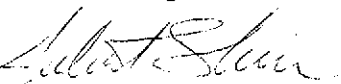
- o The work plan states that samples collected from around Tanks 3 & 4 shall be analyzed for TPHd, Total Oil & Grease (TOG), and benzene, toluene, ethylbenzene, and xylenes (BTEX). These samples shall also be analyzed for Polynuclear Aromatic Hydrocarbons (PNAs) based on the concentrations of pyrene and fluoranthene identified in a soil sample collected from MW-3. Per my conversation with Larry Harlan, Cape Environmental, and Richard Chiu, GSA, on April 14, 1995, it will be acceptable to employ Method 8100 for the PNA analysis.
- o Cape has proposed to install five soil borings at Tank Sites 1 & 2. It appears that all five soil borings may not be required at this site. Two borings, in conjunction with existing Well MW-1, are proposed to be used for gradient determinations. Following gradient determinations, two additional wells have been proposed in the area to continue quarterly ground water monitoring and gradient determinations. Please be reminded that the Regional Water Quality Control Board's guidelines request that one well be placed within 10 feet downgradient of each former UST. It does not appear that a fifth boring would be necessary at this time.
- o Although Cape states that the monitoring wells will be screened 3 feet above the water table, with 1 to 2 feet of filter pack sand above the screened section, the water table at the site may be too shallow to employ this well construction. Past depth-to-water readings were recorded at 5-feet below ground surface (bgs). After the heavy rains this year, the water table is anticipated to be even shallower. Details on how the well constructions will account for a potentially shallower water table need to be submitted. Please be reminded that the Regional Water Quality Control Board standardly requires monitoring wells to be screened at or above the historical shallow water table and 10 feet below the water table.
- o This office has no information on whether Well MW-2 was properly destroyed under permit. Please submit all details on the destruction of Well MW-2.
- o Monthly water level measurements and corresponding ground water gradient determinations shall be conducted for the first three months and then quarterly thereafter. However, if significant gradient variations are observed in the first three months, monthly water level measurements shall continue for nine consecutive additional months.

Ms. Beverly Chin
Re: 620 Central Ave.
April 14, 1995
Page 3 of 3

- o Please be reminded that the three initial monitoring wells at either of the tank sites must be located at least 20 feet apart and form a sufficient triangle for adequate gradient flow determinations.
- o Please be reminded to collect soil samples from the soil/water interface, in addition to five-foot intervals and changes in lithology.

You are required to submit an addendum to the work plan addressing the above concerns **within 20 days** of the date of this letter. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

cc: Larry Harlan
Cape Environmental Mgmt., Inc.
20280 South Vermont Ave., Ste 250
Torrance, CA 90502

Acting Division Chief, ACDEH (File)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



✓ R02903 (suc)

R048 (LOP)

RAFAT A. SHAHID, Assistant Agency Director

April 14, 1995

Ms. Beverly Chin
GSA
525 Market St., 31st Floor
San Francisco, CA 94105

ALAMEDA COUNTY-ENV. HEALTH DEPT.
ENVIRONMENTAL PROTECTION DIV.
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577
(510)567-6700

STID 4655

Re: Work plan for investigations at the Alameda Federal Center
(GSA), located at 620 Central Ave., Alameda, California

Dear Ms. Chin,

This office has reviewed Cape Environmental Management's (Cape) work plan, dated April 4, 1995, addressing further investigations at the above site. The following are a list of the County's comments/additional requirements regarding the work plan:

- o Per T & T Earth Services' Preliminary Investigation Report, dated May 1994, free product was identified in Well MW-3, located adjacent to the two existing underground storage tanks (USTs) (Tanks 3 & 4). Per Article 11, Title 23 California Code of Regulations, the work plan needs to address interim remedial measures to remove the free product. Based on the amount of free product present in this location, you may be able to implement a passive product skimmer or pump the product out from the tank pits into baker tanks following the removal of Tanks 3 & 4. As you are probably aware, the removed product must be disposed of or recycled properly at a certified facility.
- o Although the work plan proposes to install borings around Tanks 3 & 4 prior to the tank removals, it appears that it would be more practical to remove the tanks first, conduct a preliminary assessment of the extent and severity of soil contamination from within the open tank pit, and then implement the appropriate number of borings to delineate the extent of any contamination observed in this pit. As proposed in the work plan, a minimum of three permanent monitoring wells will be needed in the area to determine the ground water gradient flow direction. Well MW-3 may be used in conjunction with any new wells to conduct these gradient determinations. Additionally, based on the fact that elevated levels of Total Petroleum Hydrocarbons as diesel (TPHd) and Oil & Grease were identified in a soil sample collected from MW-3, further soil delineation should be addressed south of this boring.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



✓ R0 2903 (SUC)
R048 (LOP)

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

May 23, 1994

Beverly Chin
GSA
525 Market St., 31st Floor
San Francisco, CA 94105

STID 4655

Re: Work plan for investigations at the Alameda Federal Center,
located at 620 Central Ave., Alameda, California

Dear Ms. Chin,

This office has reviewed TKS's addendum to their May 1994 work plan, proposing additional soil and ground water investigations at the above site (refer to attached copy). The addendum was prepared in response to the County's comments on the work plan, dated May 11, 1994 (refer to attached copy). The addendum did not address some issues outlined in the County's letter, however, all requirements outlined in the County's letter still apply.

The following are some responses to TKS's addendum:

- o Although the work plan states that the observed floating product in Well MW-3 "tends not to move much" and proposes no product removal, Article 11 Title 23 California Code of Regulations states that floating product removal is required. If the removal of this product is not addressed in the near future, there is no guarantee that this product won't migrate further out. Since the law requires that the floating product eventually be removed, it appears prudent to address its removal sooner, rather than later, before the product plume expands and you have a greater problem to address. If it is too difficult to include floating product removal in this phase of investigations, you will be required to address it in conjunction with the quarterly monitoring work.
- o Soil and ground water samples collected from Tank Sites #3 and #4 shall also be analyzed for 8270 constituents since a soil sample collected from Boring 6 (Well MW-3) identified 8270 constituents.

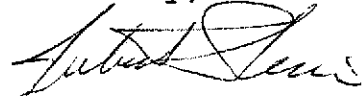
Beverly Chin
Re: 620 Central Ave.
May 23, 1994
Page 2 of 3

- o Although the addendum states that Methods 418.1 and 5520 (E & F) are the same analysis, they are actually slightly different. Method 418.1 is only an established method for ground water analysis. Method 5520 E & F can be applied to both soil and ground water analysis. Method 5520 E & F uses extraction and gravimetric analysis. However, Method 418.1 uses Infrared. One concern this office has with 418.1 is that the "standard" used in this analysis may not utilize the same type of carbon chain (saturated vs unsaturated) as the contaminant of concern, and therefore not detect all the contaminants of concern. However, if done gravimetrically, both saturated and unsaturated hydrocarbons would be detected.
- o Please be reminded that permits are required for discharge of liquids to both the sanitary sewer and storm drain. If you plan to discharge to either of these outlets, it is recommended that you begin the permit application process as soon as possible.

Field work shall commence within 60 days of the date of this letter. A report documenting the work shall be submitted to this office within 45 days after completing field activities.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

Attachment

cc: Ando Merendi
GSA
(Safety & Environment Branch)
9 PMS
525 Market St.
San Francisco, CA 94105

Beverly Chin
Re: 620 Central Ave.
May 23, 1994
Page 3 of 3

Carolyn Cooley
General Services Administration, Region 9
East Bay Field Office
1301 Clay Street, Room 280N
Oakland, CA 94612

George Pendergrass
Brown & Caldwell
P.O. Box 13449
Sacramento, CA 95813-3449

Tim Smith
TKS
P.O. Box 1619
Sutter Creek, CA 95685

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R048 (LOP)
✓ R02903 (SLIC)

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 11, 1994

Beverly Chin
GSA
525 Market St., 31st Floor
San Francisco, CA 94105

STID 4655

Re: Investigations at the Alameda Federal Center, located at 620
Central Ave., Alameda, California

Dear Ms. Chin,

This office has received and reviewed T & T Earth Services' (T & T) report, dated May 1994, documenting the tank removal and sampling work conducted to date at the above site, and proposing the installation of additional borings and wells and biotreatment for Tanks #3 and #4. The majority of this work plan is acceptable to this office, however, you will need to submit an addendum to the work plan addressing the following changes:

- o It is the understanding of this office that 15 to 30 borings will be placed in and around Tank Sites #3 and #4, and 8 to 15 soil borings around Tank Site #1 to delineate the extent of soil contamination. A site plan showing the locations of these soil borings is required to be submitted to this office. Both soil and ground water samples collected from the borings near Tank Site #1 shall be analyzed for TPHg, TPHd, BTEX, Chlorinated hydrocarbons (using Method 8010), and Oil & Grease (using Method 5520, and **not** the proposed 413.2 or 418.1). Soil samples shall be collected at 5-foot intervals, down to approximately 14- or 15-feet below ground surface, since soil contamination was observed at that depth in some of the previous soil borings. A minimum of one soil sample from each of the borings shall be analyzed by a certified laboratory.
- o According to T & T's report, product was observed in Well MW-3. Your work plan should address the removal of this floating product, as an interim remediation measure, per Article 11, Title 23 California Code of Regulations.
- o Ground water samples are required to be collected from around Tank Site #2, and be analyzed for Method 8270 constituents, since 12 ppm flouranthene and 26 ppm

Beverly Chin
Re: 620 Central Ave.
May 11, 1994
Page 2 of 3

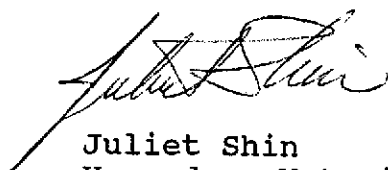
pyrene were identified in the soil sample collected from the previous boring in this area. Soil and ground water samples collected from around Tank Sites #3 and #4 shall be analyzed for TPHd, BTEX, 8270 constituents, and Oil & Grease (using Method 5520).

- o Samples collected from Tank #3 and #4 during the biotreatment, shall be analyzed for TPHd, BTEX, and Oil & Grease (using Method 5520). **Method 418.1 is not acceptable.**
- o Please provide a more thorough explanation as to where you plan to dispose of the liquid pumped out of Tanks #3 and #4, after you place them in the baker tanks.
- o The work plan states that soil samples cannot be collected underneath Tanks #3 and #4 due to a concrete ballast pad. However, you will be required to collect one soil sample from beneath each of these concrete ballast pads, since concrete is not known to be impermeable to contaminant migration, and you will be required to collect one soil sample from alongside both tanks from a depth equivalent to the bottom of the tanks. These samples shall be analyzed for TPHd, BTEX, 8270 constituents, and Oil & Grease (using Method 5520).

You are required to submit an addendum to the work plan addressing the above revisions **within 30 days** of the date of this letter. Field work shall commence within 60 days after approval of the amended work plan. A report documenting the work shall be submitted to this office within 45 days after completing field activities.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

Beverly Chin
Re: 620 Central Ave.
May 11, 1994
Page 3 of 3

cc: Carolyn Cooley
General Services Administration, Region 9
East Bay Field Office
1301 Clay Street, Room 280N
Oakland, CA 94612

George Pendergrass
Brown and Caldwell
9616 Micron Avenue
P.O. Box 13449
Sacramento, CA 95813-3449

Tim Smith
T & T Earth Services
P.O. Box 1618
Sutter Creek, CA 95685

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



V RO 2903 (suc)

R048 (WP)

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

December 15, 1993

Beverly Chin
GSA Design & Construction Division
525 Market St., 31st Floor
San Francisco, CA 94105

STID 4655

RE: Tank Closure Plans for 620 Central Avenue, Alameda, CA

Dear Ms. Chin,

This office has reviewed the tank closure plans for tank removals at the above site. The following is a list of required changes/additions/reminders to the closure plans, that must be addressed in an addendum:

- o Samples collected from and around the waste oil tank pit must be analyzed for all the waste oil constituents listed in Table 2 of the Regional Water Quality Control Board's (RWQCB) Staff Recommendations for the Preliminary Evaluation and Investigation of Underground Storage Tanks. These constituents are: TPHg, TPHd, TOG, BTEX, Chlorinated Hydrocarbons (using Method 8010 or 8240), Heavy metals (Cd, Cr, Pb, Zn, Ni), and PCB, PCP, PNA, and creosote (using Method 8270).
- o You are required to submit copies of Hunt Drilling Company's Certificate of Workman's Comp, their Hazardous Substances Removal and Remedial Actions Certification, their State Contractors State License Board Certification, and their Health & Safety Training Certification.
- o Copies of approved drilling permits from Zone 7 need to be submitted.
- o The closure plan states that there is a possibility that ground water may be pumped and discharged into the storm sewer system in order to depress the water table. However, it is the understanding of this office that ground water cannot be discharged into the storm sewer system, even if sample analysis is Non Detect, unless RWQCB grants an exemption through a permitting process.

Ms. Beverly Chin
Re: 620 Central Ave.
December 16, 1993
Page 2 of 3

It is advisable to contact RWQCB for additional information before proposing this option. This office is requesting that you include in your addendum a more detailed description of **acceptable** procedures for ground water discharge or disposal, after contacting the RWQCB.

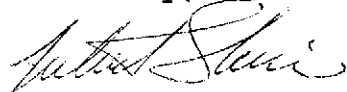
- o The piping, that has been proposed to be closed in place, must be capped in addition to being triple rinsed, per Article 7, Title 23 California Code of Regulations.
- o Only one copy of the report documenting the tank removal, and associated activities, should be submitted to the County.

Per my conversation with Tim Smith, T & T Earth Services, on December 15, 1993, Tank 1 contains #2 diesel, Tank 2 contains waste oil, and Tank 3 may contain diesel. If insufficient documentation is available to confirm the past uses of Tank 3, then this tank must be treated as an "unknown" tank, under RWQCB's Staff Recommendations for the Preliminary Evaluation and Investigation of Underground Storage Tanks, and all samples collected in association with this tank must be analyzed for all the above listed waste oil constituents.

During my conversation with Mr. Smith, he stated that the proposed borings may be used in place of the required tank pit sidewall samples. However, this may not be acceptable since sidewall samples are discretionary and are collected from the most **visually** contaminated areas during the actual tank removals. Therefore, additional soil samples will probably be required from all the tank pit sidewalls at the time of the excavation and tank removal.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

✓ R02903
R048

Ms. Beverly Chin
Re: 620 Central Ave.
December 15, 1993
Page 3 of 3

cc: Roger Cone
Serrano & Cone Inc.
2092 Omega Rd., Ste F
San Ramon, CA 94583

Tim Smith
T & T Earth Services
P.O. Box 1618
Sutter Creek, CA 95685

Edgar Howell-File(JS)