

ALAMEDA COUNTY
HEALTH CARE SERVICES



Ro# 853

AGENCY
DAVID J. KEARS, Agency Director

ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

STID 2013

Alameda County CC4580
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

January 2, 1996

Mr. Paul Mazza
City and County of San Francisco
Water Department
P.O. Box 730
Millbrae, CA 94030

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

Dear Mr. Mazza:

The Alameda County Environmental Health Department, Environmental Protection Division, has received concurrence from the Regional Water Quality Control Board, San Francisco Bay Region (RWQCB), for case closure for the referenced San Francisco Water Department (SFWD) site.

Prior to the issuance of a "Remedial Action Completion Certificate" by this office, however, the monitoring wells at the site must be properly destroyed should SFWD have no further use for them. Well destruction is performed under permit issued by Zone 7 - Alameda County Flood Control and Water Conservation District.

Please advise me if the wells will be destroyed, and when well destruction has been completed, as appropriate. I may be reached 510/567-6783.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Jun Makishima, Acting Agency Director
Kevin Graves, RWQCB
Craig Mayfield, Zone 7
Robert Weston, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



GREEN

R0853

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

STID 2013

June 1, 1994

Mr. Paul Mazza
San Francisco Water Department
2901 Crystal Springs Road
San Bruno, CA 94066

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

Dear Mr. Mazza:

I have completed review of the January 1994 Camp, Dresser & McKee, Inc. (CDM) document entitled, *Report of Groundwater Monitoring, Third Quarter, San Antonio Pump Station*. During review of this report, I became aware that the requested sampling, reporting, and monitoring schedules, as outlined in the March 12, 1992 correspondence from this office addressed to Mr. John Hetzner, have not been followed. A copy of this letter is attached for your reference.

To summarize the content of the cited March 1992 correspondence, the San Francisco Water Department (SFWD) was requested to measure ground water levels **monthly** for the first 12 consecutive months, followed by a quarterly schedule thereafter. Ground water samples were to be collected and analyzed **quarterly**. Reports documenting the results of work occurring during each quarter were to be submitted on a **quarterly** schedule.

Based on the data submitted to date, the wells at the referenced site were sampled initially during June 1992, again during June 1993, and most recently during January 1994. These events have been documented in three reports presented to date. Reference is made in the January 1994 CDM report, however, that the wells were additionally sampled during September 1993. We have not received the report documenting this event, should it have occurred.

Lastly, review of the laboratory reports attached to the January 1994 CDM report indicate the detection limits for TPH-diesel, TPH-gasoline, and BTEX are from one to two orders-of-magnitude higher than what is acceptable. Reported detection limits for halocarbons, as presented in this same report, are also up to an order-of-magnitude higher than in past laboratory analyses. Although the need for future halocarbon analyses is debatable, and, hence, this point mute, future TPH-D, -G and BTEX analyses must reflect acceptable method detection limits.

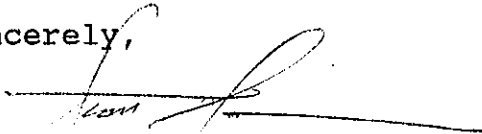
Mr. Paul Mazza
RE: San Antonio Pump Station, 5555 Calaveras Road, Sunol
June 1, 1994
Page 2 of 2

I am aware that there have been a number of personnel changes at the SFWD over the last year or so. I also realize that you have been rigorously working to bring your Alameda County sites into compliance. The issues discussed in this letter may be the last needing your attention and fine tuning at this site.

At this time please begin adhering to the requested sampling, monitoring and reporting schedules, and acceptable method detection limits for the noted target compounds. These schedules should be implemented beginning no later than the 3rd quarter of 1994. Additionally, future analyses for halocarbons are not required at this time.

Please call me at 510/271-4530 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

attachment

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Kevin Graves, RWQCB
Ed Laudani, Alameda County Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0853

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 2013

February 11, 1993

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. John Hetzner
Public Utilities Commission,
City and County of San Francisco
P.O. Box 730
1000 El Camino Real
Millbrae, CA 94030

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

Dear Mr. Hetzner:

The Department has not received the report documenting the results of the soil and water investigation at this site. This work was proposed in an Environmental Bio-Systems, Inc. (EBS) work plan dated February 3, 1992. The cited EBS work plan was modified and approved in correspondence from the Department dated March 12, 1992. Nearly a year has passed since this approval was granted.

Please be reminded that the cited March 12, 1992 letter approving the scope of work at this site required that ground water elevations be measured monthly for the first 12 consecutive months, reduced to a quarterly frequency thereafter, and that ground water samples be collected quarterly. Reports were to be submitted quarterly until case closure.

Please contact the undersigned at 510/271-4320 to discuss the status of the initial assessment outlined in the cited EBS work plan, and the results of the additional monitoring and sampling occurring subsequent to the initial phase of this investigation.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Eddy So, RWQCB
Tim Babcock, Environmental Bio-Systems
Ed Howell - files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0853

RAFAT A. SHAHID, Assistant Agency Director

October 2, 1992

Ron Carlins
SFWD San Antonio Pumping Station
5555 Calaveras Rd.
Sunol, CA 94586

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE
TANK(S) [USTs] AT 5555 Calaveras Rd., Sunol**


This is in regard to a letter which was sent to you in the past. In that letter you were asked to submit to this office all pertinent information regarding your underground storage tank(s). This information is necessary for permitting of your tanks. To this date this office has not received any response from you. Please complete the following items and return them to me within 30 days:

1. Complete UST PERMIT FORM A-one per facility.
2. Complete UST PERMIT FORM B-one per tank.
3. Complete UST PERMIT FORM C-one per tank if information is available.
4. A written tank monitoring plan.
5. Results of precision tank test(s) (initial and annual).
6. Results of precision pipeline leak detector tests (initial and annual).
7. An accurate and complete plot plan.
8. A written spill response plan.
9. A copy of your inventory reconciliation statement for this year which indicates that all of your inventory reconciliation data are within "allowable variations" or which indicates a list of the periods of times and the corresponding variations when the allowable variation is exceeded. Allowable variation is 1% of the monthly deliveries plus 130 Gallons. Item 9 is necessary only if inventory reconciliation is used to monitor your tank(s).

Forms A, B, and C as well as examples of items 4, 7, and 8 indicated above were provided to you in the first letter.

Please be advised that Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact me at (510) 271-4320, if you have any questions regarding the mandatory five-year permit process.

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0853

RAFAT A. SHAHID, Assistant Agency Director

May 1, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Mr. Ron Carlins
SFWD
5555 Calaveras Rd.
Sunol, Ca 94546

**Re: FIVE-YEAR PERMITS FOR OPERATION OF THREE
UNDERGROUND STORAGE TANKS (UST'S) AT 5555
CALAVERAS RD SUNOL**

According to our records the above mentioned facility has not received a five-year permit to operate UST's. Please complete the following items marked below and return them to me within 30 days. The example plans enclosed, should be used only as guidelines and may not meet your requirements under Title 23.

- 1. Complete UST PERMIT FORM A-one per facility. (enclosed)
- 2. Complete UST PERMIT FORM B-one per tank. (enclosed)
- 3. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- 4. A written tank monitoring plan. (enclosed)
- 5. Results of precision tank test(s) (initial and annual).
- 6. Results of precision pipeline leak detector tests (initial and annual).
- 7. An accurate and complete plot plan. (enclosed)
- 8. A written spill response plan. (enclosed)

Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact Amir K. Gholami at (510) 271-4320, if you have any questions which may arise in completing the mandatory five-year permit process.

Sincerely,

Ravi Arulanantham
Senior Hazardous Materials Specialist
(5YR)

cc: Gil Jensen, Alameda County District Attorney
Rafat Shahid, Assistant Agency Director, Alameda
County Department of Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0853

RAFAT A. SHAHID, Assistant Agency Director

March 12, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Mr. John Hetzner
Public Utilities Commission,
City and County of San Francisco
P.O. Box 730
1000 El Camino Real
Millbrae, CA 94030

RE: SAN ANTONIO PUMP STATION, 5555 CALAVERAS ROAD, SUNOL

Dear Mr. Hetzner:

The Department is in receipt and has completed review of the following Environmental Bio-Systems, Inc. (EBS) reports: the January 10, 1992 Soil Sampling Report, submitted under San Francisco Public Utilities Commission (PUC) cover dated January 17, 1992; and, the February 3, 1992 Work Plan #WP92001. The cited January 10 EBS report documents activities associated with the November 1991 closure of three (3) underground storage tanks (UST) from the referenced facility. Such activities included a limited environmental investigation conducted at the site following the discovery of an unauthorized release upon closure of a 500-gallon waste oil UST previously located adjacent to the west exterior wall of the pump building. The cited EBS work plan describes proposed tasks designed to mitigate the impact the release had to native soils, and to investigate the presence and extent of any ground water contamination.

The cited work plan has been accepted with the following modifications:

EXCAVATION

- 1) Confirmatory sample locations should be based not only the anticipated depth of contaminants, but also on any other visual, olfactory, or field screening indicators;
- 2) Soil samples collected for the purpose of classification prior to disposal should be based on the target disposal facility's own requirements;
- 3) Soil planned for reuse must be sampled according to current RWQCB requirements (i.e., one discrete sample for every 20 yards³);

Mr. John Hetzner
RE: 5555 Calaveras Blvd., Sunol
March 12, 1992
Page 2 of 2

BORINGS / WELLS

- 1) Soil samples are to be collected at 5-foot intervals and any significant changes in lithology noted as the borings are advanced. Those collected from MW-1 and -3 may be screened in the field or lab, but at least two (2) samples from each are to be analyzed, one of which shall be that collected from the capillary fringe. Because MW-2 will be advanced through fill introduced to the site following excavation, at least one sample should be collected from the capillary fringe if the excavation did not extend to this depth;
- 2) Before purging and sampling, subjective determination of the presence of sheen or free product should be made, in addition to measuring the depth to ground water. All ground water measurements are to be converted to elevations above mean sea level (MSL);
- 3) Soil and water samples are to be analyzed for TPH-G/D, BTEX, TOG (Series 5520 method), semivolatile organic compounds (method 8270), and at least one round of volatile organic compounds (methods 8010/8020, or, 8240);
- 4) Ground water elevations are to be measured monthly for 12 consecutive months, and then quarterly thereafter. Ground water samples are to be collected quarterly at this time.

Summary reports shall be submitted quarterly until this site is eligible for final "sign off" by the RWQCB. Such reports are due the first day of the second month of each subsequent quarter (i.e., May 1, August 1, November 1, and February 1). Hence, the next report is due for submittal May 1, 1992 and shall document the results of work conducted during the first quarter of 1992.

Please call me at 510/271-4320 should you have any questions.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health
Gil Jensen, Alameda County District Attorney's Office
Eddie So, RWQCB
Howard Hatayama, DTSC
Tim Babcock, Environmental Bio-Systems, Inc.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



✓ R0853 (5555 Calaveras)
R0340 (505 Paloma)

April 26, 1989

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

271-4320

Mr. James Cooney
San Francisco Water Dept.
425 Mason Street
San Francisco, CA 94102

RE: QUARTERLY MONITORING REPORTS, TANK TESTING AND BUSINESS PLANS,
SAN FRANCISCO WATER DEPT. (SFWD) FACILITIES, SUNOL

Dear Mr. Cooney:

This letter is in response to a telephone conversation between Mr. James Chia of the Department of Public Works (DPW) and Mr. Scott Seery of this office. Mr. Seery was informed by Mr. Chia that two of the SFWD facilities in Sunol, 505 Paloma and 5555 Calaveras Roads, are now under the direction of the SFWD which, we understand, you head. The remaining Sunol facility, 8653 Calaveras Road, is currently still under the direction of the DPW.

As was explained to Mr. Chia, one condition of this office granting approval of the underground storage tank (UST) monitoring plans for the 505 Paloma and 5555 Calaveras Roads sites, as submitted by Clayton Environmental Consultants, Inc., was the submittal of quarterly monitoring reports to this office. Approval of the monitoring plans for the two referenced sites was granted in letters from this office dated September 2 and 16, 1988, respectively. To date, we are not in receipt of monitoring reports for the last quarter of 1988 (Oct. - Dec.) and the first quarter of 1989 (Jan. - Mar.). These reports are required to be submitted within 15 days from the end of each quarter.

Regarding the results of integrity tests conducted August 4, 1988 on two manifolded 10,000-gallon diesel USTs at the 5555 Calaveras Road site, the recorded leak rate of -0.067 gallons/hour may indicate a potential leak in one or both tanks, or piping systems. Because the degree of accuracy is limited when tests are performed on USTs connected in this way, you are requested to retest these tanks independently so that more conclusive results may be generated. This will involve breaking-up the manifold system in order to isolate the tanks, and will likely require partial excavation of the tank overburden and drive slabs.

Although presumably interpreted by the consultant as listing "acceptable" leak rates, NFPA Pamphlet 329, Table A-4-3.11, actually identifies accuracy criterion for integrity tests based upon tank size. Until the California Health and Safety Code was amended in

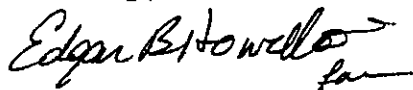
1987, NFPA 329 was cited under Section 25292(b)(1) only as a reference to what defined a "precision test." This reference was deleted in the 1987 amendments. In comparison, Section 2643(b) of Title 23, California Code of Regulations (CCR), in part requires such integrity, or precision tests to be capable of "... detecting a release of a hazardous substance at a rate of 0.05 gallons per hour." No adjustment to the required degree of accuracy is allowed based solely upon the size of the tank or tanks. Currently, however, AB 1030 proposes to amend sections of Title 23, including Section 2643, "Underground Storage Tank Testing." If passed into law as proposed, consideration for tank size will be provided only in terms of the potential for a given test method to detect a leak at or below a given threshold. Again, this does not identify "acceptable" leak rates, but rather provides acceptable working limitations to the accuracy of a given test method. This Bill will be presented before the Assembly in September of this year and, if passed without need of major revision, will be implemented some 6 months later.

Lastly, our records indicate that Hazardous Materials Business Plans have not been submitted for the 5555 Calaveras and 505 Paloma Roads sites as required under Chapter 6.95 of the California Health and Safety Code. Enclosed are three copies of the business plan form and instructions.

Please submit quarterly monitoring reports and completed business plans for the above referenced sites within 30 days of the receipt of this letter. Further, we request that isolated integrity tests be conducted on the two 10,000 gallon diesel tanks at the 5555 Calaveras Road site also within 30 days of the receipt of this letter. Results of these tests must be submitted to this office within 15 days of the completion of said tests.

Should you have any questions, please contact Scott Seery, Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:SOS:mam

cc: James Chia, SFDPW
Rich Hartman, SFWD
Robert Loeloff, SFWD
Paul Demeduk, SFWD
Sami Malaeb, Clayton Environmental Consultants, Inc.
Scott Seery, Alameda County Hazardous Materials Division
Files

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 R0853

Telephone Number: (415) 271-4320

September 16, 1988

City and County of San Francisco
Department of Public Works
Bureau of Engineering
Room 359, City Hall
San Francisco, CA 94102
Attn: Willy Tsai

SUBJECT: UNDERGROUND STORAGE TANK MONITORING PROPOSALS

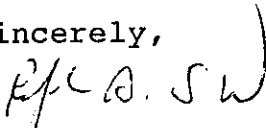
Dear Mr. Tsai:

The Alameda County Division of Hazardous Materials has reviewed and approved the proposed monitoring plans as submitted by your consultant Clayton Environmental Consultants, Inc. for the following site and tanks as described below:

<u>SITE</u>	<u>SF ID</u>	<u>SIZE</u>	<u>PRODUCT</u>	<u>PROPOSED STATE MONITORING ALTERNATIVE</u>
SF Water Department San Antonio Pumping Stn. 5555 Calaveras Rd.	17B	10,000	Diesel	Alt. #7 with in tank level monitor
	17C	10,000	Diesel	"
Sunol	17D	500	Waste Oil	"

Should you have any questions, please contact Lizabeth Rose, Hazardous Materials Specialist at 415/271-4320.

Sincerely,


Rafat A. Shahid, Chief
Hazardous Materials Division

cc: Richard Fehler, Clayton Environmental
Sami Malaeb, Clayton Environmental