

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Sent 2-25-2000
including eal's

STID# 4086 : Santa Rita - Old Graystone
e 580 E. Santa Rita Rd. Dublin
(RO # 791)

StID 6664

February 25, 2000

Mr. Rod Freitag
GSA-Technical Services Department
1401 Lakeside Drive
Oakland, CA 94612-4305

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

RE: Parcel 3 of Parcel Map 7355, Dublin, CA

Dear Mr. Freitag:

I have completed review of the packet recently submitted regarding the above referenced site. GSA is requesting that soil previously spread on Parcel 3 be approved for use in a high-density residential area.

In 1995, approximately 500 cubic yards of petroleum hydrocarbon-impacted soil (derived from UST 18/19 closures, "Old Graystone" tank closures, and surplus backfill material from Highland Hospital) was spread in 6" to 12" layer over the surface of Parcel 3, which was then zoned for commercial development. Presently a portion of Parcel 3 is being rezoned from commercial to high-density residential.

In 1995, Versar, Inc. prepared a SESOIL analysis to determine the potential leachability and vertical transport of hydrocarbons in soil if spread at grade. Versar concluded that the soil would not adversely affect underlying groundwater and it was expected that approximately 90 percent of the diesel and oil and grease constituents in soil will have degraded or volatilized within four years of spreading at grade. Since 1995, a portion of the area over which the soil was spread has been redeveloped as part of the Tassajara Road widening project. The remaining area will be developed with parking and three-story residential buildings with minimal landscaping. Considering that five years have elapsed, it does not appear that residual hydrocarbons in soil would pose a risk to human health (in a commercial or residential scenario) or the environment.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, this office approves of the use of this soil in a high-density residential site.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Material Specialist

Parcel3-1

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0791

RAFAT A. SHAHID, Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Environmental Protection Division
1131 Harbor Bay Parkway, #250
Alameda, CA 94502-6577
(510) 567-6700

August 17, 1995

STID 5541

Mr. Rod Freitag
General Services Agency
Engineering & Environmental Management Department
1401 Lakeside Drive, 11th Floor
Oakland, CA 94612

RE: 4TH AND MADIGAN SITE, SANTA RITA REHABILITATION FACILITY -
CENTRAL PARCEL

Dear Mr. Freitag:

As we discussed yesterday, the August 2, 1995 Versar, Inc. subsurface investigation work plan, as amended and annotated August 16, 1995, has been accepted with concurrence from Mr. Kevin Graves of the San Francisco Bay Regional Water Quality Control Board (RWQCB). Please be certain that the report documenting the completion of this work is endorsed by a California-registered geologist or civil engineer.

Please contact this office when field work has been scheduled to begin. I may be reached at 510/567-6783.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scott O. Seery', written over a horizontal line.

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Jun Makishima, Acting Director
Kevin Graves, RWQCB
John Bird, Versar, Inc., 1255 Harbor Bay Pkwy., Ste.100
Alameda, CA 94502

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0793

RAFAT A. SHAHID, Assistant Agency Director

StID 181

June 12, 1995

Mr. John Lilla, VP
Paco Pumps, Inc/Newflow Corp
310 Camp Craft Rd, Suite 100
West Lake Hills
Austin, TX 78746

Alameda County CC4580
Dept. of Environmental Health
Environmental Protection Division
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577

RE: Workplan Approval for 845 92nd Ave, Oakland 94603

Dear Mr. Lilla:

I have completed review of Jonas and Associates' June 5, 1995 Work Plan, Installation of Monitoring Well 8MW3 & Destruction of 8MW2, and the ammendment to the June 5, 1995 Work Plan for the above referenced site. The proposal to replace well 8MW2 with well 8MW3 is acceptable. It is agreed that wells 8MW1 and 8MW2 should not be destroyed at this time. Rather, they will be used for water elevation measurements. No sampling is required of these wells. Once well 8MW3 is installed, it should be sampled quarterly for at least two quarters, at which time it will be evaluated if continued monitoring is required.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

cc: Mark Jonas, 2815 Mitchell Dr, #290, Walnut Creet 94598
Mike Reichlin, Paco Pump, 845 92nd Ave, Oakland 94603
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

R0791

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

CC4580

STID 4086

June 7, 1995

Rod Freitag
Alameda County General Services Agency
Engineering and Environmental Management Dept.
1401 Lakeside Drive, 11th Floor
Oakland, CA 94612

RE: SANTA RITA REHABILITATION CENTER - "OLD GRAYSTONE"

Dear Mr. Freitag:

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 closure of the underground storage tank (UST) investigations at the referenced site. This case closure would encompass the UST investigations associated with the former fueling complex (USTs 11, 12, 12A) and mess hall (UST 9).

Prior to the issuance of a "no further action" letter by this office, the monitoring wells at the site must be properly destroyed under permit issued by Zone 7 - Alameda County Flood Control and Water Conservation District. When completed, please provide me with a copy of the final well destruction document produced by your consultant.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director
Kevin Graves, RWQCB
Craig Mayfield, Zone 7

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

R0791

STID 4086

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

February 21, 1995

Mr. Rod Freitag
Alameda County General Services Agency
Engineering & Environmental Management Dept.
1401 Lakeside Drive, 11th Floor
Oakland, CA 94612

RE: SANTA RITA - OLD GRAYSTONE, USTs #6, 7, 10

Dear Mr. Freitag:

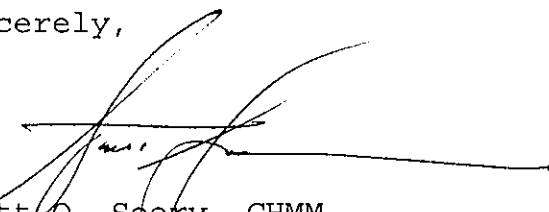
This office has reviewed the December 11, 1990 Certified Environmental Consulting, Inc. (CEC) report documenting the closure of four of the underground storage tanks (UST) associated with the noted Santa Rita subsite, USTs #6, 7, 9, and 10. The subject USTs previously served the former county rehabilitation center.

The referenced report documents that no noteworthy releases of petroleum hydrocarbons from USTs #6, 7, and 10 have occurred. Consequently, no further environmental investigations are required for these UST sites. UST #9, the remaining tank of those referenced in the cited CEC report, is currently in the last stages of its post-closure investigation.

This department is satisfied that USTs #6, 7, and 10 have been closed in full compliance with the requirements of Title 23, California Code of Regulations.

Please contact me at 510/567-6783 should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director
Tom Peacock, ACDEH
Rob Weston, ACDEH
Jim Ferdinand, Alameda County Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0791

RAFAT A. SHAHID, Assistant Agency Director

STID 4086

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

February 21, 1995

Mr. Rod Freitag
Alameda County General Services Agency
Engineering & Environmental Management Dept.
1401 Lakeside Drive, 11th Floor
Oakland, CA 94612

RE: SANTA RITA - OLD GRAYSTONE CASE CLOSURE STATUS

Dear Mr. Freitag:

As you are aware, there have been two active underground storage tank (UST) investigations occurring within the Santa Rita - Old Graystone subsite. One such project, involving the assessment and subsequent limited remediation of the UST #11, 12, and 12A site, was successfully completed, receiving RWQCB concurrence on January 17, 1995. The remaining Old Graystone project is associated with UST #9. Based on data presented during this investigation to date, I anticipate the successful completion of this project in the near future.

I anticipate final case closure for the Old Graystone subsite to occur upon receipt of RWQCB concurrence for the UST #9 project. Please call me at 510/567-6783 should you have any further questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott O. Seery".

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director
Tom Peacock, ACDEH
Rob Weston, ACDEH
Jim Ferdinand, Alameda County Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

R0791

January 26, 1995

ALAMEDA COUNTY CC4530
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PKWY., #250
ALAMEDA CA 94502-6577

(3)

Mr. Andy Garcia
Alameda County General Services Agency
Engineering & Environmental Management Dept.
1401 Lakeside Drive, 11th Floor
Oakland, CA 94612

RE: SANTA RITA REHABILITATION CENTER

Dear Mr. Garcia:

As we discussed at yesterday's meeting, in order to facilitate development and ownership transfer of the contiguous Alameda County property previously identified as the "Santa Rita Rehabilitation Center," the subject parcel has been divided administratively into three separate sites. Divisions are based on geographic location, planned use, and relative locations of former underground storage tank (UST) clusters.

Each site has been assigned a distinct site identification number and name, as follows:

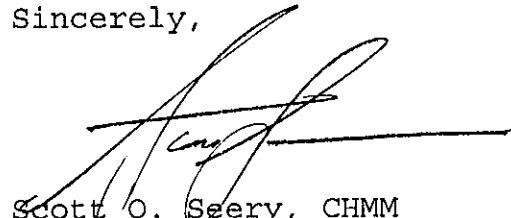
<u>SITE NAME</u>	<u>UST</u>	<u>STID</u>
Santa Rita - Old Graystone	9, 11 12, 12A	4086 (R0791)
Santa Rita - Central Parcel	1, 2, 3 4, 4A, 4B 18, 19	5541 (R0901)
Santa Rita - Engineer's Hill	23	5540 (R0646)

In a few days your office will be receiving notification letters for each of the new Santa Rita sites, the exception being the "Old Graystone" subsite. These notices will inform you of the reimbursement mechanism through the State Water Resources Control Board for this agency's continued oversight of the remaining UST projects.

Mr. Andy Garcia
RE: Santa Rita
January 26, 1995
Page 2 of 2

Please contact me at 510/567-6783 should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott O. Seery", written over a horizontal line.

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director
Tom Peacock, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0791

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 4086

May 24, 1994

Mr. Pete Kinney
Alameda County General Services Agency
4400 MacArthur Boulevard
Oakland, CA 94619

RE: SANTA RITA FACILITY, UST #9 LEAK ASSESSMENT

Dear Mr. Kinney:

I have completed review of the May 5, 1994 Versar, Inc. preliminary site assessment (PSA) work plan, as amended May 23, 1994. The cited work plan proposes the installation of a single ground water monitoring well to be located directly southeast of the former UST #9. Placement of this well is based on local topography and drainage patterns for the region, and the results of ground water flow direction calculations for the adjoining well network at the former "Old Graystone" fueling complex.

The cited Versar PSA work plan has been accepted for this stage of the investigation at this UST site.

Please contact me at 510/271-4530 when field work is slated to begin.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scott O. Seery', written over a horizontal line.

Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Ed Laudani, Alameda County Fire Department
John Russell, Versar, Inc., 1255 Harbor Bay Pkwy, Ste. 100
Alameda 94502

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0791

RAFAT A. SHAHID, Assistant Agency Director

STID 4086

July 18, 1994

Mr. Pete Kinney
Alameda County General Services Agency
4400 MacArthur Boulevard
Oakland, CA 94619

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

RE: STOCKPILE SAMPLING AND *SESOIL* LEACHABILITY MODELING
ANALYSIS - 4TH AND MADIGAN SITE (UST 4, 4A, 4B), SANTA RITA
CORRECTIONAL FACILITY

Dear Mr. Kinney:

I am in receipt of and have reviewed the November 22, 1993 Environmental Science & Engineering, Inc. (ESE) report documenting the results of sampling and analyses, as well as the December 28, 1993 Versar *SESOIL* modeling analysis, of soil stockpiled at the referenced subsite, generated during the May 1992 tank closures. My review of data presented in the cited ESE and Versar reports was performed in context with the body of work completed at the referenced site to date.

In summary, reports documenting activities associated with the removal of underground storage tanks (UST) 4, 4A, and 4B indicate approximately 500 yds³ of soil were excavated and stockpiled during this process. This stockpiled material remained on-site approximately 18 months before resampling occurred during November 1993. Samples were collected at a rate of one discrete sample per 50 yds³ and analyzed for the presence of total petroleum hydrocarbons as diesel (TPH-D), and benzene, toluene, ethylbenzene and total xylene isomers (BTEX).

Results of sample analyses revealed detectable concentrations of TPH-D present in 5 of ten samples. Of these 5, TPH-D was present in all but one sample at concentrations of <50 parts per million (ppm). The TPH-D concentration of the remaining sample was 100 ppm. Of the aromatic compounds sought, only xylene was present in only one sample of the ten at a concentration of 0.008 ppm.

The cited *SESOIL* analysis evaluated the leachability and vertical transport potential of the contaminants still present in the 500 yds³ of stockpiled soil should this soil be reintroduced to the subject site. The *SESOIL* program required the input of parameters for climate, soil type, target chemicals and application data. Climate data were reportedly supplied with the *SESOIL* software. Soil parameters were derived from site-specific boring logs (Graystone) which reportedly identified four distinct lithologic groups underlying the site. Chemical parameters reportedly included biodegradability, molecular weight, and Henry's Constant.

Mr. Pete Kinney
RE: SESOIL analysis, 4th and Madigan site, Santa Rita facility
July 18, 1994
Page 2 of 2

Two separate model runs were conducted: 1) xylene in diesel; and, 2) diesel, alone. A conservative approach was maintained in the performance of this program in that, of the confirmatory soil samples for which no detectable target compounds were found, it was assumed that said concentrations were equal to the reporting limit. These values were subsequently inserted into the program.

The calculated mass of diesel and xylene, theoretically applied to the top layer of soil at the site to simulate initial loading conditions, was 13.648 and 0.0027 kilograms (kg), respectively. A period of 30 years was used for each simulation.

Versar reports that the result of the SESOIL simulations indicate the maximum depth of xylene in a nondegrading diesel ligand after a 30 year period would be 2.362 meters (m) with 90% of the initial mass having either been (bio)degraded or volatilized within the first 5 years. The maximum xylene concentration remaining adsorbed to soil after 30 years was 2.63×10^{-5} micrograms per kilogram (ug/kg). The reported maximum depth of diesel after 30 years is 1.118 m with 90% of the initial mass having been (bio)degraded or volatilized in the first 4 years. The maximum average concentration of diesel remaining adsorbed to the soil after 30 years is 6.4×10^{-6} ug/kg, found primarily in the top 0.6 m of soil.

The results of the SESOIL analysis, as presented in the cited Versar report, indicate a low probability for remaining contaminants to leach into underlying ground water at this site. Therefore, the subject soil may be reintroduced **at grade** to the site of origin (Santa Rita facility).

Please call me at should you have any questions. Our temporary telephone number is 510/337-2866.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Kevin Graves, RWQCB
Ravi Arulanantham, Staff Toxicologist, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SITE: 580 E. Santa Rita Rd.
Dublin, CA 94568

R0791

RAFAT A. SHAHID, Assistant Agency Director

STID 4086

July 15, 1994

Mr. Pete Kinney
Alameda County General Services Agency
4400 Mac Aurthur Boulevard
Oakland, CA 94619

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

RE: SANTA RITA FACILITY - UST 1, 2, 3 SOIL AND GROUND WATER
INVESTIGATION

Dear Mr. Kinney:

Thank you for our recent receipt of the June 24, 1994
Environmental Science & Engineering, Inc. (ESE) preliminary site
assessment (PSA) work plan for the initial investigation of the
referenced subsite. This work plan was submitted under ESE cover
also dated June 24, 1994.

The scope of the June 24, 1994 ESE work plan has been accepted as
proposed.

Please be aware that we have recently moved. Our new address and
temporary telephone number are:

Alameda County Environmental Health Department
Hazardous Materials Division
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

510/337-2866

Please contact me when field work is slated to begin.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Jim Ferdinand, Alameda County Fire Department
Bart Miller, ESE

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director

STID 4086

May 3, 1994

Mr. Pete Kinney
Alameda County General Services Agency
4400 MacArthur Boulevard
Oakland, CA 94619



SITE ADDRESS: 580 E. SANTA
RITA RD.

R0791

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

RE: "ENGINEER'S HILL," UST 23, SANTA RITA FACILITY (old Graystone)

Dear Mr. Kinney:

I have completed review of the April 7, 1994 Environmental Science & Engineering, Inc. (ESE) *Workplan for Additional Site Investigation, Engineer's Hill*. This review was performed in context with the body of work performed to date, as documented in the February 1, 1994 *ESE Site Assessment Report, Engineer's Hill*.

The cited ESE work plan has been accepted with the following change:

- o Proposed maximum depth of each boring is "...approximately 60 feet in nonimpacted sediments beneath the apparently dipping pebbly sand layer." As illustrated in the east-west geologic cross-section presented as Figure No. 3 of the cited February 1, 1994 ESE assessment report, the apparent dip of the noted pebbly sand layer is very approximately 25° to the west. Assuming no changes in dip or thickness, the proposed initial boring site(s) may miss encountering the upper surface of this target layer before the 60 foot depth is reached.

Therefore, boring depths should be based solely on the depth at which the pebbly sand layer is encountered and fully penetrated (assuming contamination is exclusive to this layer), or any other field evidence of the presence or absence of hydrocarbon contamination.

Please contact me at 510/271-4530 when field work is slated to begin.

Sincerely,


Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Ed Laudani, Alameda County Fire Department
Bart Miller, ESE

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0791

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 4086

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 26, 1994

Mr. Pete Kinney
Alameda County General Services Agency
4400 MacArthur Boulevard
Oakland, CA 94619

RE: *SESOIL* LEACHABILITY MODELING ANALYSIS - OLD GRAYSTONE
FUELING AREA, SANTA RITA CORRECTIONAL FACILITY

Dear Mr. Kinney:

I am in receipt of and have reviewed the January 6, 1994 Versar, Inc. (Versar) report documenting the *SESOIL* modeling analysis of previously-excavated, fuel-impacted soil. My review of the data presented in the cited Versar report was performed in context with the body of work completed at the referenced site to date.

In summary, reports documenting activities associated with the removal of underground storage tanks (UST) 11, 12, and 12A indicate approximately 6500 yds³ of soil were excavated during this process. Of this total, approximately 5000 yds³ were assumed impacted by fuel hydrocarbons, and 1500 yds³ were not.

Impacted soil volume was subsequently recalculated and determined to be approximately 4235 yds³. The soil was resampled and analyzed for gasoline constituents. Approximately 2885 yds³ were found to exhibit <1 parts per million (ppm) of total petroleum hydrocarbons as gasoline (TPH-G). This soil was reportedly spread elsewhere on-site.

The remaining 1350 yds³, found to contain >1 ppm of TPH-G, was placed into a bio/aeration cell for treatment. After several months of treatment, final sample results revealed a significant reduction in TPH-G (< 8 ppm), TPH-diesel concentrations of < 30 ppm, petroleum oil and grease concentrations between 90 and 190 ppm, and nondetectable benzene, semivolatile organic compounds (SVOC) and halogenated volatile organic compounds (HVOC).

The cited *SESOIL* analysis evaluated the leachability and vertical transport potential of the contaminants still present in the 1350 yds³ of treated soil should this soil be reintroduced to the subject site. The *SESOIL* program required the input of parameters for climate, soil type, target chemicals and application data. Climate data were reportedly supplied with the *SESOIL* program. Soil parameters were derived from site-specific boring logs which reportedly identified four distinct lithologic groups underlying the site. Chemical parameters reportedly included biodegradability, molecular weight, and Henry's Constant.

Mr. Pete Kinney
RE: SESOIL analysis, Graystone area, Santa Rita facility
April 26, 1994
Page 2 of 2

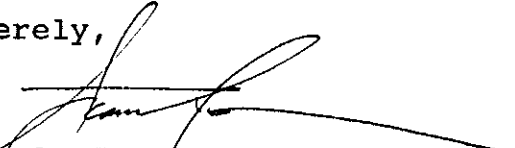
Four separate model runs were conducted, each using diesel as a ligand. The four model runs were: 1) gasoline in diesel; 2) toluene in diesel; 3) ethylbenzene in diesel; and 4) xylenes in diesel. A conservative approach in performance of this program was reportedly exercised in that, of the confirmatory soil samples for which no detectable target compounds were found, it was assumed that said concentrations were equal to the reporting limit. These values were subsequently inserted into the program.

Versar reports that the result of the SESOIL simulations indicate the maximum depth of gasoline constituents after a 30 year period would be 1.81 meters with 90% of the initial mass having either been (bio)degraded or volatilized within the first 20 years. Significant contaminant migration retardation was reportedly expected from underlying clay strata. Further, high soil adsorption capacity was expected to limit latent oil and grease migration.

The results of the SESOIL analysis, as presented in the cited Versar report, indicate a low probability for remaining contaminants to leach into underlying ground water at this site. Therefore, the subject soil may be reintroduced **at grade** to the site of origin (Santa Rita facility).

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

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Rich Hiett, RWQCB
Ravi Arulanantham, Staff Toxicologist, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



✓ R0791
R0901
R02760
R02808

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 21, 1993

Mr. Jim de Vos
Alameda County General Services Agency
4400 Mac Arthur Boulevard
Oakland, CA 94619

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

RE: GSA ENVIRONMENTAL CASES

Dear Mr. de Vos:

This office is pleased with the positive and productive outcome of the September 15 meeting. Open communication between our offices will ensure that the efficiency and cost-effectiveness of current and future GSA environmental cases will stay in balance with project objectives, and within the spirit and scope of regulation.

As promised, following is a summary of the environmental cases discussed during our meeting which currently require some measure of initial or additional assessment, or corrective action:

Santa Rita facility STID 4086

(R0791)

USTs 1, 2, 3

Up to 15,500 ppm TPH-D and 1,097 ppm oil and grease (O & G) discovered in soil samples collected at a depth of 15.5' below grade (BG). Plan for overexcavation and "treatment" of contaminated soil proposed. No outcome of this plan reported.

NEEDS: 1) Preliminary site assessment (PSA) work plan to be developed, submitted for review, and implemented once approved.

2) Develop corrective action plan (CAP).

USTs 4, 4A, 4B

Up to 15,000 ppm TPH-D and 5,300 ppm O & G discovered in soil samples collected at a depth of 14' BG.

NEEDS: 1) PSA work plan to be developed, submitted for review, and implemented once approved.

2) Develop CAP.

Mr. de Vos
RE: GSA environmental cases
September 21, 1993
Page 2 of 3

UST 9

Up to 310 ppm TPH-D discovered in soil sampled from below tank during closure. No Unauthorized Release Report (ULR) filed.

- NEEDS:**
- 1) PSA work plan to be developed, submitted for review, and implemented once approved.
 - 2) Develop CAP.
 - 3) Submit ULR.

Juvenile Hall

STID 4342

Up to 1,500 ppm TPH-D discovered in soil samples collected below tank during July 1993 closure.

- NEEDS:**
- 1) PSA work plan to be developed, submitted for review, and implemented once approved.
 - 2) Schedule for removal of 2nd UST.

Fairmont Hospital

STID 1174

(R0901)

One (1) UST removed July 1993. Up to 12,000 ppm TPH-D discovered in soil sampled below tank.

- NEEDS:**
- 1) PSA work plan to be developed, submitted for review, and implemented once approved.
 - 2) Schedule for removal/closure of remaining USTs.

ALCO Garage

STID 3909

(R02760/R02808)

Significant concentrations of gasoline compounds have been detected in ground water collected from wells in proximity to active fuel USTs. Off-site migration is highly suspected. The source has not been determined.

- NEEDS:**
- 1) Develop and submit a soil and water investigation (SWI) work plan to define the extent of the contaminant plume. Implement the SWI once approved.

Mr. de Vos
RE: GSA environmental cases
September 21, 1993
Page 3 of 3

- 2) Determine the source of the contamination.
- 3) Develop CAP.

Currently, UST leak investigations for Santa Rita tank sites located at Old Greystone (11, 12, 12A) and Engineers Hill (23) are on track. Approval of the scope of the "limited" PSA proposed for tank 23 will be addressed under separate cover. A "no further action" letter will be sent regarding tank 5. Further, records documenting closure of tanks 18 and 19 will be reviewed and a determination made regarding the need for additional work. Additionally, I will contact the RWQCB to discuss the status of Eden Fire Station #2 and the need for additional assessment.

A schedule for implementation of the referenced tasks must be developed. This schedule should be developed following a prioritization of the affected sites, largely based on a perception of the potential impact to current or future beneficial use aquifers, ability to retain pollutants on site, impacts to adjoining properties, ambient regional water quality, and proximity to potential receptors, among others. Another factor to consider is the visibility a particular site may have.

Please develop a priority scheme for these sites, and propose a schedule for addressing each element for every site. This schedule should be submitted within 45 days.

Please call the individual case workers for site-specific questions, or me for questions regarding topics of this letter, at 510/271-4530.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Terry Hunt, GSA
Ed Howell, ACDEH, Chief
Tom Peacock, ACDEH, LOP
Ariu Levi, ACDEH
Robert Weston, ACDEH
Jeff Shapiro, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R0791

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 4086

August 10, 1993

Mr. Jim de Vos
Alameda County General Services Agency
4400 Mac Arthur Boulevard
Oakland, CA 94619

RE: SANTA RITA FACILITY - OLD GREYSTONE FUELING AREA

Dear Mr. de Vos:

This office has completed review of the July 21, 1993 Environmental Science and Engineering, Inc. (ESE) work plan for the assessment of soil and ground water conditions associated with underground storage tank (UST) leaks at the subject site. The cited work plan has been accepted with the following additions and clarifications:

- 1) Soil and ground water samples collected from all downgradient borings/wells are to be analyzed for, in addition to the proposed target analytes, the following potential waste oil constituents: semi-volatile organic compounds (SVOC) - EPA Method 8270, halogenated volatile organic compounds (HVOC), total petroleum hydrocarbons as diesel (TPH-D), and metals. Subsequent ground water sampling analytes will be determined following review of data resulting from the first few rounds of sampling.
- 2) The selection of soil samples collected during boring advancement should also be based upon field screening techniques (e.g., observations, odors, instrument "hits," etc.).
- 3) The Site Health and Safety should reflect the location of the hospital in Pleasanton on the corner of West Las Positas and Santa Rita Road.
- 4) All well and ground water elevation measurements must be surveyed relative to mean sea level (MSL).

Mr. Jim de Vos
RE: Santa Rita facility
August 10, 1993
Page 2 of 2

Please call me field work is slated to begin. I may be reached
at 510/271-4530.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Jim Ferdinand, Alameda County Fire Department
Bart Miller, ESE
files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0646
R0901

R0791 ✓

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 4086

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

June 21, 1993

Mr. Jim de Vos
Alameda County General Services Agency
4400 Mac Arthur Boulevard
Oakland, CA 94619

RE: SANTA RITA FACILITY - MEETING TO DISCUSS SCHEDULE FOR UST
LEAK SITE INVESTIGATIONS

Dear Mr. de Vos:

A meeting has been scheduled in your office the morning of Thursday, July 22, 1993, at 9:00 AM. The purpose of this meeting is to discuss the issues germane to the underground storage tank (UST) leak investigations at the Santa Rita facility.

As indicated in Mr. Ariu Levi's June 8 phone message to you, the following topics need to be resolved at this meeting:

- o Prioritization of the Santa Rita UST subsite investigations (based on the SWRCB prioritization scheme) relative to the universe of all GSA UST leak site assessments/cleanups
- o Schedule to implement the needed assessments/cleanups
- o Commitment to perform the work

We look forward to a positive outcome. Please call Ariu or me should you have any questions or comments.

Sincerely,

Scott O. Seery
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
Ed Howell, ACDEH
Ariu Levi, ACDEH
Tom Peacock, ACDEH
Jeff Shapiro, ACDEH
Pete Kinney, GSA

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

STID 4086

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

March 30, 1993

Mr. Jim de Vos
Alameda County General Services Agency
4400 Mac Arthur Boulevard
Oakland, CA 94619

RE: SANTA RITA FACILITY - MEETING TO DISCUSS SCHEDULE FOR UST
LEAK SITE INVESTIGATIONS

Dear Mr. de Vos:

This office is in receipt of the recent FAX transmission from Mr. Pete Kinney of your staff which outlines the General Services Agency's (GSA) fiscal schedule for addressing the underground storage tank (UST) issues at the many GSA facilities in Alameda County. Missing from this schedule of planned activities, however, were several of the UST leak sites at the Santa Rita facility which have not been addressed to date.

Mr. Kinney and I have discussed on several occasions (the most recent of which was a meeting February 10) the need to assess and potentially remediate several of these leak sites. Assessment of and corrective action for leaking UST sites are required pursuant to Sections 2652 through 2655, inclusive, and Article 11, Section 2720 et seq., of Title 23, California Code of Regulations (CCR).

Following is a listing of those sites still required under 23CCR to be assessed and evaluated for corrective action:

<u>TANK #</u>	<u>CLOSURE DATE</u>	<u>CONTAMINANT LEVELS</u>
(R0791) 1, 2, 3	March 1988	15,500 ppm TPH-D 1,097 ppm TOG 195 ppm TPH-G no BTEX analysis
4, 4A, 4B	May 1992	15,000 ppm TPH-D 5,300 ppm TOG
9	November 1990	310 ppm TPH-D
(R0646) 23	May 1992	190 ppm TPH-D (1,400 ppm TPH-D found at depth during subsequent stage of assessment)

Mr. Jim de Vos
RE: santa Rita Facility
March 30, 1993
Page 2 of 2

This office would like to meet with you to discuss the requisite assessments of the noted Santa Rita UST sites, and to determine how this office may best assist GSA in complying with the cited UST regulations. We plan to meet with you the week of April 11, 1993. A conference room has been set aside for the mornings of April 13, 14, 15, and 16 from 9:30 until 12 noon.

Please determine which day is most suitable for you, and contact Mr. Jeff Shapiro of this office no later than April 9 to confirm the date of this meeting. Jeff may be reached at 510/271-4320.

I will be away from the office from April 4 through 8. You may contact me the remainder of this week, however, should you have any questions.

Sincerely,



Scott O. Seery, CHMM
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director
Gil Jensen, Alameda County District Attorney's Office
John Jang, RWQCB
Ed Howell, ACDEH
Ariu Levi, ACDEH
Jeff Shapiro, ACDEH

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0791

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 4086

February 16, 1993

Mr. Pete Kenney
Alameda County General Services Agency
4400 Mac Aurthur Boulevard
Oakland, CA 94619

RE: OLD GRAYSTONE FACILITY, SANTA RITA CORRECTIONAL FACILITY -
(FORMER) UNDERGROUND STORAGE TANK SITES 11, 12, 12A

Dear Mr. Kenney:

The Department is in receipt and has completed review of the February 15, 1993 Environmental Science & Engineering, Inc. (ESE) addendum to the ESE Corrective Action Plan dated February 1, 1993. This addendum was developed following the February 10, 1993 meeting between Alameda County General Services Agency (GSA), ESE, as consultant to GSA, and this Department. The referenced corrective action plan (CAP) proposes work designed to remove soil and, to a certain extent, ground water impacted by motor vehicle fuel and waste oil constituents associated with past activities at former underground storage tank sites 11, 12, and 12A.

The scope of referenced February 1, 1993 CAP has been accepted as amended. The Department understands that field activities associated with implementation of the CAP are slated to begin tomorrow, February 17, 1993.

Please be advised that following completion of the current phase of work, a ground water investigation must be implemented to define the extent of any ground water problems associated with releases at this UST site. The ground water investigation phase should be initiated with the development and submittal of a viable work plan based on the Regional Water Quality Control Board's (RWQCB) Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, the State Water Resources Control Board Leaking Underground Fuel Tank (LUFT) Field Manual, and Article 11 of Title 23, California Code of Regulations.

Mr. Pete Kenney
RE: Santa Rita, Old Graystone
February 16, 1993
page 2 of 2

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
Gil Jensen, Alameda County District Attorney's Office
Rich Hiett, RWQCB
Jim de Vos, GSA
Jeff Shapiro, ACDEH
Pat Galvin, ESE
Ed Howell - files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0791

January 23, 1991

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

Ms. Patricia Beaujon, P.E.
Goldberg-Zoino & Associates, Inc.
38019 Schoolcraft Rd.
Livonia, MI 48150

Dear Ms. Beaujon:

In a letter to this office dated November 1, 1990, as well as in subsequent telephone conversations, you requested environmental information on several locations in Pleasanton, California. As I indicated to you over the phone, this office keeps no records on underground tanks in the city of Pleasanton; the Pleasanton Fire Department handles this. This office has no information on the following sites for which you requested file reviews:

Avis, 4390 Rosewood Dr.
Panache Cleaners, 4211 Rosewood Dr.
Shell gas station, I-580 & Santa Rita Rd. (a new facility)
Budget, 4011 Pimlico Dr.
Klean Kar, Pimlico Dr.
PIPS Printing, 3876 Old Santa Rita Rd.
Amona Cooling & Heating, 3862 Old Santa Rita Rd.
Bar Fence Co., 3722 Old Santa Rita Rd.
Central Electric, 3663 Old Santa Rita Rd.
Altamon Roofing, 3600 Old Santa Rita Rd.
Valley Cleaners, 3830 Old Santa Rita Rd.
(R02938) Fire Station #3, 3200 Santa Rita Rd.
Valley Medical Center, 5565 Las Positas Rd.
AT&T, 5775 Las Positas Rd.

Below is a list of the hazardous waste generators on which we have some information. Unless specified otherwise, none of these facilities has any CHMIRs files; all are also California hazardous waste generators unless indicated otherwise. None of these facilities has a TSD permit from the California Department of Health Services.

<u>FACILITY</u>	<u>ADDRESS</u>	<u>INFORMATION REQUESTED</u>
Val Strough Auto Village	4341 Rosewood Dr.	waste oil, antifreeze, solvent generated
Berkey Imported Cars	4350 Rosewood Dr.	waste oil, antifreeze, solvent generated
East Bay BMW	4355 Rosewood Dr.	waste oil, antifreeze, solvent generated

Ms. Patricia Beaujon
 January 23, 1991
 Page 2 of 3

<u>FACILITY</u>	<u>ADDRESS</u>	<u>INFORMATION REQUESTED</u>
Clean/Press for Less	4106 Pimlico Dr.	used perchloroethylene and filters generated
Pleasanton Cabinet Shop	3600 Old Santa Rita	small-quantity generator of waste oil, batteries
Pleasanton Auto Repair	3663 Old Santa Rita	waste oil, antifreeze, solvent, hot-tank waste generated
Earl Adams Tile & Coping	3675 Old Santa Rita	waste oil, solvent, old gasoline generated
Sportshop Auto Painting	3687 Old Santa Rita	waste lacquer thinner generated
Golden Gate Transmission	3878 Old Santa Rita	waste transmission fluid, solvent, hot tank sludge generated
Santa Rita Auto Wreckers	3908 Old Santa Rita	small-quantity generator of waste oil, batteries, antifreeze
Phil's Exxon	3192 Santa Rita Rd.	waste oil, solvent, antifreeze, old gasoline generated

At the site in boldface above, on March 7, 1990, between 20 and 50 gallons of gasoline spilled from a delivery truck and flowed south on Santa Rita Rd. Absorbent material was used to clean up standing gasoline in low-lying pockets; some gasoline flowed into a storm drain, through which it entered Arroyo Mocho. Four rows of absorbent booms were placed on the arroyo downstream of the outflow. The storm drain was later ventilated and the street steam-cleaned. Based on sampling data, some water containing dissolved gasoline flowed downstream, but is likely to have evaporated quickly.

(R0791) **Santa Rita Rehabilitation Center**

This is in an unincorporated portion of Alameda County and generates waste oils, solvents, paints, lacquer thinners, and floor-wash waste. The facility has at least 15 underground tanks, of which 11 are registered, and many are not in use. There may be more undocumented tanks at the facility. The installation dates and construction materials of the older tanks are not available; there is

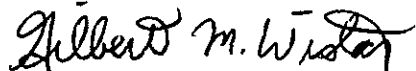
Ms. Patricia Beaujon
January 23, 1991
Page 3 of 3

a general plan to remove these tanks as the new jail facility is installed and goes into operation. In October 1990, as part of the new jail facility, six double-wall underground tanks were installed; these contain gasoline, diesel, and floor-wash waste.

This letter contains information limited to files in this office, and does not reflect information that may be available from other agencies or parties.

You will be billed for provision of this service; enclosed is a copy of the invoice sent to our Billing Department. As of January 1, 1991, our hourly fee for site searches is \$67. If you have any questions concerning this letter, please contact the undersigned at (415) 271-4320.

Sincerely,



Gil Wistar
Hazardous Materials Specialist

Enclosure

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



- Santa Rita Rehab.
center

R0791
ITAL HEALTH

June 11, 1990

Ms. Judy Shukraft (QIC 20102)
County Administrator's Office
1221 Oak St., Rm. 555
Oakland, CA 94612

Dear Ms. Shukraft:

As I indicated to Marian Breitbart over the phone last week, the County Hazardous Materials Division requires a deposit for all underground tank related work. This includes tank removals, installations, and remediations resulting from leaking tanks. The amount of the deposit depends on the number of tanks involved, and in the case of the six new underground tanks to be installed at the Santa Rita Rehabilitation Center, the deposit is \$1,287.00. Hazardous Material Specialists draw upon such deposits at an hourly rate as they work on the project. Once the tanks are installed and conform fully to state regulations, any money left over in the deposit account will be refunded.

Please send a deposit in the amount of \$1,287 to this office as soon as possible, to expedite our processing of the Santa Rita tank installation. Thank you for your attention to this matter.

If you have any questions about this letter, please contact the undersigned at 34320 (271-4320).

Sincerely,

Gil Wistar
Hazardous Materials Specialist

c: Marian Breitbart, CAO (QIC 20102)
John Schultz, Public Works Construction Dept. (QIC 50503)
Rafat A. Shahid, Asst. Agency Director, Environmental Health
files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO791

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

May 24, 1990

Paul LeCheminant
County of Alameda
4400 MacArthur Blvd.
Oakland,, CA 94619

Dear Mr. LeCheminant:

Recently you submitted underground tank permit applications for numerous sites in Alameda County that are controlled by GSA. On reviewing these applications I noticed some discrepancies as follows:

1. 580 E. Santa Rita Rd. lists 14 tanks at the site on the Form

580 E. Santa Rita
Rd.

(RO791)

A but there are only 11 Form B's, as follows:

- 7500 gal. No. 6 fuel oil
- 7500 gal. No. 6 fuel oil
- 1000 gal. oil
- 1000 gal. oil
- 10,000 gal. oil
- 500 gal. oil
- 10,000 gal. motor vehicle fuel
- 6,200 gal. motor vehicle fuel
- 15,000 gal. No. 6 fuel oil
- 15,000 gal. No. 6 fuel oil
- 1000 gal. oil

(NA) 2. 400 Broadway lists 3 tanks at the site on the Form A but there is only 1 Form B, as follows:

- 2000 gal. oil

(NA) 3. 2418 Railroad Ave. lists 3 tanks at the site on the Form A but there are only 2 Form B's, as follows:

- 3000 gal. motor vehicle fuel
- 550 gal. motor vehicle fuel

Enclosed please find the additional Form B's which you need to complete and submit to this office. These are needed so that the interim permits can be completed for those facilities.

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

Sincerely,

Thomas F. Peacock, Acting Chief
Hazardous Materials Division

TFP:tfp

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R0791

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

Certified Mail #P 833 981 435

May 30, 1989

Mr. Terry Hunt, Deputy Director, GSA-
Building Maintenance
General Services Agency
4400 MacArthur Blvd.
Oakland, CA 94619

RE: Santa Rita Jail Facility, Pleasanton, CA

Dear Mr. Hunt:

On April 14, 1989, Larry Seto from our office responded to an emergency call at the above site. A tank (previously containing diesel) caught on fire while being cut by a scrap dealer. Lt. T.C. Buckhout informed Mr. Seto that the scrap dealer bought the tank from your department.

Please be aware that your department may be in violation of the following:

- Section 2672(b)(1), Subchapter 16, California Code of Regulations, for not removing all residual liquid, solids or sludges before closure.
- Section 2672(b)(2), Subchapter 16, California Code of Regulations for not purging the flammable vapors to levels that would preclude an explosion.
- Section 2670(f), Subchapter 16, California Code of Regulations for failure to submit an underground tank closure plan to our department.
- Section 66472(c), Title 22, California Code of Regulations, for offering your hazardous waste to a transporter that does not have an EPA identification number.

Mr. Terry Hunt, Deputy Director, GSA-
Building Maintenance
General Services Agency
Oakland, CA 94619
May 30, 1989
Page 2 of 2

All underground tanks owned by Alameda County must be disposed of in an acceptable manner.

If you have any questions concerning the interpretation of the California Underground Storage Tank Regulations or the contents of this letter, please contact Larry Seto, Senior Hazardous Materials Specialist, at 271-4320.

Sincerely



Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:LS:mnc

cc: Lt. Cardo, Santa Rita
Lt. Buckhout, Santa Rita
Ted Ferrera, Fire Chief, Alameda County Fire District
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
Larry Seto, Alameda County Hazardous Materials
Files