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

06-27-01

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

June 26, 2001
StID 1233/RO0000296

Ms. Suzanne Patton
AC Transit
10626 E. 14th St.
Oakland CA 94603

Re: AC Transit, 1100 Seminary Ave., Oakland CA 94621

Dear Ms. Patton:

Our office has received and reviewed the May 7, 2001 monitoring report for the referenced site prepared by Safety-Kleen Consulting. Analytical results appear consistent with past results. As you have noted, there appears to be a localized area of free and dissolved petroleum product near monitoring well MW-2. You have proposed to perform free product removal during each monitoring event. Our office encourages you to perform more aggressive remediation of free product by considering more frequent removals, over purging, and/or addition of chemical oxidants, surfactants, microbes et al. Once dissolved hydrocarbon concentrations have stabilized, you can consider requesting case closure.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. B. Wright, Safety-Kleen Consulting, 2233 Santa Clara Ave., Alameda, CA 94501
Rem1100Seminary

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

03-29-01

P0296

ENVIRONMENTAL HEALTH SERVICES
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1131 Harbor Bay Parkway, Suite 250
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(510) 567-6700
FAX (510) 337-9335

March 27, 2001
StID # 1233

AC Transit
Ms. Suzanne Patton
10626 E. 14th St.
Oakland CA 94603

Re: Quarterly Groundwater Monitoring Report for AC Transit, 1100 Seminary Ave., Oakland 94621

Dear Ms. Patton:

Thank you for the submission of the March 14, 2001 Groundwater Monitoring Report for the above referenced site. The results appear consistent with pass results. It appears that a localized release of dissolved and free product remains near MW-2. At a minimum, free product removal should be performed from this well on a regular schedule. As recommended in my August 30, 2000 letter, you may want to consider some type of active remediation. You are reminded that as a requirement for closure as a low risk site, free product to the extent possible, should be removed.

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

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. B. Wright, Safety-Kleen Consulting, 2233 Santa Clara Ave., Alameda CA 94501
2-1100Seminary

SEST 8-31-00

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

RO # 296

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

August 30, 2000
StID # 1233

AC Transit
Ms. Suzanne Patton
10626 E. 14th St.
Oakland CA 94603

Re: Soil and Groundwater Investigation at AC Transit, 1100 Seminary Ave., Oakland CA 94621

Dear Ms. Patton:

Our office has received and reviewed the August 17, 2000 Groundwater Monitoring Report for the above site as prepared by Safety-Kleen, your consultant. This report details the analysis of groundwater samples for both petroleum constituents and inorganic bio-indicator parameters in the six existing wells. The analytical results are somewhat consistent with the past (2/00) sampling event in that only monitoring well MW-2 reported elevated TPH and BTEX concentrations. In fact, MW-2, as has been reported in the past, detected free product. The only difference noticed in the May 2000 and the February 2000 event is the distribution of the TPH. In the May 2000 event, TPH as motor oil or high boiler was reported as the predominant petroleum component whereas TPH as diesel and gasoline were mostly predominant in the February sampling. Is there a significance or explanation for this difference in TPH composition from quarter to quarter? Is this an analytical laboratory related issue?

In order to meet the requirements of site closure for a low risk groundwater site our office has the following observations and requirements:

- Prior to site closure, please have a groundwater sample from MW-2 analyzed to obtain a lower detection limit than <1000 ppb for MTBE.
- Please consider active remediation to remove the free product from within the area of MW-2. You might consider over-purging, dual phase extraction, chemical oxidation et al. At a minimum stable dissolved TPH concentrations must exist prior to closure.
- Please provide a more comprehensive evaluation of the bio-attenuation parameters collected from the wells. Each parameter (dissolved oxygen, oxidation-reduction potential, nitrate, sulfate and iron) should be evaluated to see if there is a positive, negative or neutral correlation with that which would be expected.
- In order to complete the chemical analysis on the former mechanic pit area, Mr. Brad Wright of Safety-Kleen offered to analyze a soil boring from SB-13 for the heavy metals; cadmium, chromium, lead, nickel and zinc. Please perform this analysis and include in your next quarterly report.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. B. Wright, Safety-Kleen Consulting, 2233 Santa Clara Ave., Alameda CA 94501
1100Seminary

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

RO296

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

August 9, 1999
StID # 1233

AC Transit
Ms. Suzanne Patton
10626 E. 14th St.
Oakland CA 94603

Re: Subsurface Investigation at AC Transit, 1100 Seminary Ave., Oakland, CA 94621

Dear Ms. Patton:

Our office has received and reviewed the July 28, 1999 Subsurface Investigation Report for the above site as prepared by Environmental Decision Group (EDG). I have also discussed the contents of the report with Mr. Brad Wright of EDG. As you are aware, this report summarizes the historical data involving various environmental issues, details the results of the recent investigations and offers a recommendation for future work.

I would like to summarize my concerns and comments regarding the three areas of concern; the former underground fuel tanks, the former waste oil tanks and the former mechanic pit area.

The former waste oil tank pit was investigated by advancing borings 9-11 in the presumed location of these former tanks. Soil and groundwater samples from this area exhibited low TPH, and BTEX concentrations. MTBE, volatile organics, semi-volatiles and heavy metals did not appear to be a problem. However, groundwater was not found in all the borings and some problems were encountered while attempting to drill boring 10, which is why it was not analyzed. It was noted that Table 3 reported the benzene results for SB-9, SB-11 and SB-13 as less than 10 ppm, when it should actually have read less than 10 ppb. In addition, these borings did not encounter fill material typical of a tank backfill, leaving you to wonder where the tanks really were. However, since the locations are a best guess based on past figures and drawings, our office agrees, based on the available information, no further action is required for this area.

In the former mechanic pit area, borings 12-14 were advanced and soil and groundwater samples collected. These borings encountered typical tank backfill material, confirming the likelihood of this area being the former over-excavated pit area. The soil sample from SB-13 exhibited the highest TPH-mo (412 ppm), but did not detect any volatiles or semi-volatiles, with the exception of 53 ppm acetone, a common laboratory solvent. Due to laboratory error, the five heavy metals were not run on this sample. Mr. Wright stated he could attempt to recover this sample and have it run for the requested metals. Groundwater from SB-14 exhibited up to 9250 ppb TPHmo, however, no volatile organics or semi-volatile compounds were detected. The records indicate that the Water Board had approved reuse of excavated soil with TPHmo less than 1000ppm and the concentration of soil samples in this area are consistent with that which would have been permitted for reuse. With the exception of analyzing a soil sample for the requested heavy metals, no further action is required for this area.

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

P0296

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

June 2, 1999
StID # 1233

AC Transit
Ms. Suzanne Patton
10626 E. 14th St.
Oakland CA 94603

Re: Work Plan for Additional Subsurface Investigation at AC Transit, 1100 Seminary Ave. Oakland CA 94603

Dear Ms. Patton:

Thank you for the opportunity to meet at the above facility to discuss the past work which occurred at the site and to have a site visit. This letter responds to your recent May 10, 1999 and May 24, 1999 letters and the work plans within these letters.

As you are aware, there remains considerable uncertainty regarding the underground tank removals and the other excavated areas, which were apparently impacted by a release of petroleum hydrocarbon. This may be the result of poor field notes, questionable field activities or some of both. It is recognized that a fuel release occurred from the former USTs located on the north side of the site. Though a final report has not been sent to our office, I have spoke with Mr. Brad Wright regarding the results of the recent soil borings and monitoring well sampling. It appears additional investigation will be necessary. Your May 10, 1999 letter recommends initiating a product recovery program for MW-2 plus the analysis of this free product recovery into this well. This work is approved. In addition, based on these results, please recommend an appropriate schedule for the removal of free product.

To investigate the area of the former waste oil tanks/sumps, three borings are proposed in the general area of these former tanks. The location of these borings is shown in Figure 1 of Environmental Decision Group's 5/17/99 drawing. I have been shown the location of these proposed borings and I agree on their locations. At a minimum, one soil and one grab groundwater sample will be collected from each Geoprobe boring. Please take a soil sample every five feet to observe lithology and obtain a qualitative field measurement of organic vapor. The samples analyzed will be run for TPH as motor oil, as diesel and as gasoline, BTEX, MTBE and chlorinated solvents by EPA Method 8260, semi-volatiles by EPA Method 8270 and the heavy metals; cadmium, chromium, lead, nickel and zinc.

To investigate the area of the former maintenance building, three additional borings will be advanced to the west of the current maintenance building, alongside the work bays. These samples will represent any residual soil or groundwater contamination from the former sumps in the original maintenance building. I agreed to the tentative locations of these borings as indicated by Mr. Wright of EDG. One soil and one grab groundwater will be collected from each boring

and run for Total Petroleum Hydrocarbons as motor oil with a silica gel cleanup. The soil and groundwater sample containing the highest TPH concentration will also be analyzed for volatile organic compounds (EPA 8260), semi-volatiles (EPA 8270) and the metals; cadmium, chromium, lead, nickel and zinc. If the TPH concentration is less than 100 ppm in soil or less than 1ppm in groundwater, these additional tests will be not be required.

Additionally, you agreed to investigate the disposition of all excavated soils. In doing this, please estimate the amount of soil in cubic yards which was generated during each tank removal and the excavation of the old maintenance building and describe where this soil was disposed. Your report will include the results of these proposed investigations, the results of the recent investigation, the technical information regarding the excavated soils and a work plan for any additional recommended investigations.

Please contact me prior to this onsite work. You may contact me at (510) 567-6765 if you have any comments or questions.

Sincerely,

Barney M. Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. B. Wright, EDG Inc., 2233 Santa Clara Ave., Suite 7, Alameda, CA 94501

Wpap1100Seminary

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

RO # 296

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

April 13, 1999
StID # 1233

Ms. Suzanne Patton
AC Transit- Environmental
10626 E. 14th St.
Oakland CA 94603

Re: Request for Technical Report for Subsurface Investigation at 1100 Seminary Ave., Oakland CA, 94621

Dear Ms. Patton:

Our office last wrote to you in my November 12, 1998 letter, in which I conditionally approved the work plan from your consultant, Environmental Decision Group (EDG). This work plan proposed the advancement of eight borings in the assumed down-gradient direction of the former underground fuel tanks, in the northeast portion of this site. In addition, the existing monitoring wells would be located, examined and sampled. All work was proposed to determine the extent of the petroleum release from the former petroleum USTs. This work took place on January 8, 1999 under the direction of Mr. Brad Wright of EDG. The investigation was partially successful in determining the extent of soil contamination. Groundwater was not encountered in all of the borings, however, and free product was observed in one of the wells. Mr. Wright recommended and I verbally agreed upon the removal of the free product and water from the impacted well.

Also during this time, our office came upon additional files on this site from the Regional Water Quality Control Board (RWQCB), which described additional subsurface investigation that had occurred. This work involved the following:

- Apparently, a number of the waste oil tanks were also removed from the southern portion of the site. Saturated oily soil was found in the backfill area of these tanks. Borings were advanced around this area which detected elevated hydrocarbon concentrations.
- Also in this same general area, during the construction of the new maintenance building, petroleum contamination was encountered in the southwest corner of the current building. Areas of concern included the sump and service pit areas. Extensive soil was excavated from this area, some of which, was disposed and the other, which was reused as fill.
- It is somewhat unclear what was found during the removal of the underground fuel tanks to the northeast of the maintenance building. Certainly what was and is currently being found in the existing wells is largely accountable by the release from these tanks. There is some evidence that soil excavation occurred just to the west of this tank in the mechanic pit area. Elevated extractable hydrocarbons were found in soil samples from this area.

Based on this additional information, you requested that these reports be copied and given to your consultant for review. It was hoped that you would include a summary of this information along with the results of the recent investigation. In addition, any future recommendations would address the above areas, if needed, along with that necessary to evaluate the release from the underground fuel tanks.

Please submit a technical report addressing the above items along with providing the results of the recent subsurface investigation. Your report should also provide the recommendations to complete site characterization. Please submit this report **within 30 days or by May 14, 1999.**

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. B. Wright, Environmental Decision Group, 2233 Santa Clara Ave., Alameda CA 94501

Rprq1100 Seminary

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

RO# 296

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
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November 12, 1998
StID # 1233

Ms. Suzanne Patton
AC Transit- Environmental
10626 E. 14th St.
Oakland CA 94603

Re: Workplan for Subsurface Investigation at 1100 Seminary Ave., Oakland CA 94621

Dear Ms. Patton:

Thank you for the submittal of the work plan for subsurface investigation prepared by your consultant, Environmental Decision Group. I have completed my review of the work plan and have the following observations, comments and requirements:

1. The work plan states that the existing monitoring wells, MW-1 through MW-3 will be assessed, redeveloped and sampled. In the site map, MW-4 is identified as still existing, please include the same process for MW-4 if still in existence or verify its proper abandonment. These wells should also be resurveyed to obtain reliable groundwater elevation readings.
2. Eight borings are proposed in the assumed down-gradient direction relative to the former underground tanks. Both soil and groundwater samples will be collected for chemical analysis. The results will be used to evaluate whether natural bio-remediation has occurred.

In regards to this proposed work please observe the following:

- Because of the potential human health threat to the occupants of the existing building, if MW-4 is not viable, please locate one boring near the existing building. It appears that MW-8 could be moved to this location.
- To define the extent of soil and groundwater contamination, please make every attempt to analyze at least one of each type of sample per boring. In the absence of any indication of contamination, please analyze the soil sample closest to groundwater. However, because if the closeness of MW-2 and MW-3, you may use discretion an omit sampling groundwater from borings 6 and 7 if deemed duplicative.
- The samples are to be analyzed for the parameters TPH-F and BTEX. Please insure that the fuel analysis includes TPHg and TPHd. In addition, please analyze the water samples from the monitoring wells for MTBE. If MTBE is detected, its presence should be confirmed by analyzing via EPA Method 8240 or 8260. In addition, please add the bio-indicator parameters; dissolved oxygen, oxidation-reduction potential, nitrate, sulfate and ferrous iron to the analytes requested for the monitoring well samples.

Please contact me at least **72 working hours prior** to this work. I may be reached at (510) 567-6765 if you have any comments or questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
T. C. Hobbs, Environmental Decision Group, 2233 Santa Clara Ave., Alameda CA 94501
Wpsp1100

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

RO# 296

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

September 18, 1998
StID # 1233

Ms. Suzanne Patton
AC Transit-Environmental
10626 E. 14th St.
Oakland CA 94603

Re: Subsurface Investigation at AC Transit Facility, 1100 Seminary Ave., Oakland 94621

Dear Ms. Patton:

Our office has received and reviewed the recently submitted packet of reports from AC Transit regarding the tank removal investigation at the above referenced site. It appears that you do not have any additional information beyond that found in the County files.

Based on the existing data, it appears that soil was impacted with petroleum hydrocarbon contamination immediately around the former underground tank location. In addition, a hydrocarbon plume migrated from the tank area and was detected at least on one occasion in monitoring wells MW-1 through MW-5. This is consistent with the west-southwest groundwater gradient anticipated at this site. Because no additional data exists, likely because no further work was performed, additional site investigation is necessary to complete site characterization. Your consultant recommends the abandonment of the three monitoring wells, performing a site reconnaissance and submission of an appropriate work plan. This approach is acceptable.

Please insure that representative groundwater samples are taken in your field work in the event that temporary borings are proposed. The work plan should also include a schedule for the proposed work, an evaluation of the data and a recommendation for either further investigation or justification for site closure. **Please submit your work plan within 45 days or by November 9, 1998.**

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

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. Fred Davis, Polymatrix Associates, 3056 Castro Valley Blvd., Suite 183, Castro Valley CA 94546

Wpsub1100

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

RO # 296

ENVIRONMENTAL HEALTH SERVICES
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August 12, 1998
StID #1233

Ms. Suzanne Patton
AC Transit-Environmental
10626 E. 14th St.
Oakland CA 94603

Re: Request for Technical Reports for AC Transit Facility, 1100 Seminary Ave., Oakland CA 94621

Dear Ms. Patton:

In an attempt to clarify the status of the environmental investigation at the above site, our office requested for specific technical reports in my April 27, 1998 letter. Subsequently, I spoke to you wherein you stated that you had contacted a consultant to perform a file search to respond to my request. To date, our office has not received any response or reports regarding the petroleum fuel release at the Seminary Ave. facility.

I have enclosed a copy of my April 27, 1998 letter for your reference.

Please provide copies of the requested reports **within 30 days or by September 16, 1998**. You should also inform our office of the status of all monitoring wells at the site. If you deem necessary, you may proceed to redevelop and sample the wells to assess current site conditions.

This request for technical reports is consistent with the Water Code Section 13267 (b) and Title 23, Division 3, Chapter 16 Section 2652 (d). The failure to provide the requested reports may result in civil liability.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Enclosure

C: B. Chan, files

2rep1100

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

RO# 296

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

April 27, 1998
StID # 1233

Ms. Suzanne Patton
AC Transit- Environmental
10626 E. 14th St.
Oakland CA 94603

Re: Subsurface Environmental Investigation at AC Transit Facility, 1100 Seminary Ave., Oakland CA 94621

Dear Ms. Patton:

Our office has become aware of past tank removals and subsurface investigations which have occurred at the above referenced site. Our files, however, are incomplete. We are aware that prior to the removal of existing underground tanks, on September 17 and 18, 1986 three test borings were advanced into soil between and adjacent to the underground tanks. These borings were identified as B1,B1A and B2. Up to 13,000 mg/kg total hydrocarbons was exhibited in these samples, the highest concentration being detected in the sample between the tanks. These tanks were presumed to be in a concrete vault. In March 87, monitoring wells MW-1 through MW-3 were advanced around the underground tanks and their associated fuel islands. Up to 2200 mg/kg total hydrocarbons was exhibited in the 8-8.5' boring from MW-2. The groundwater sample from this well exhibited 50 mg/l total hydrocarbons and 13,6.0,2.9 mg/l BTX, respectively. To further define the extent of contamination in groundwater, MW-4 was installed in the northern corner of the proposed building footprint. On March 20, 1987 monitoring wells MW-5, MW-7 and MW-8 were advanced also within the area of the proposed building footprint. In addition, boreholes B-10 through B-13 were drilled to determine the depth to water within the footprint of the building. The results of chemical analysis of these investigations is presented in Weiss Associates April 13, 1987 report. Groundwater contamination in the form of TPH and BTX was detected in MW-1 through MW-5. The highest concentration was found in MW-4 which exhibited 290 mg/l TPH.

This is the extent of the information our office has on the subsurface investigation at this site. We are not aware of its current status. Please provide any information available to clarify this situation. Please provide any of the following items:

- Additional monitoring reports
- Copy of a regulatory site sign-off or closure letter for our records
- Copy of any reports of additional investigation
- Copies of environmental correspondence from regulatory agencies
- Copies of tank removal reports, etc.

At this time, our office will transfer this site to Alameda County Local Oversight Program (LOP). As you may be aware, our office is delegated the authority to oversee fuel contaminated sights from underground storage tanks. We oversee the site investigation up to the point of recommendation for site closure to the Water Board.

Please provide any of the requested technical mentioned above. You will soon be notified of the administrative act of transferring this site to the LOP. To expedite site closure and complete the County files please respond as soon as possible.

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

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Rep1100

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

R0296

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

September 19, 1990

Keith Steckly
AC Transit District Seminary
1100 Seminary Ave.
Oakland,CA 94621

Re: Waste Minimization Assessment

Dear Keith Steckly:

Your business has been selected to receive a hazardous waste minimization assessment. As you are probably aware, hazardous waste reduction has become a statewide, if not a national, issue. To address this issue at a county level, Alameda County is establishing its own Hazardous Waste Minimization Program and is planning to conduct waste minimization assessments for all hazardous waste generating facilities in the County.

We have chosen businesses in the auto repair industry to receive the first round of waste minimization assessments. It is our hope that these assessments will assist participating businesses in minimizing their hazardous wastes - and will give us further information on the best way to structure our minimization program.

One of our Hazardous Materials Specialists will be contacting you during the week of September 24 to arrange a meeting with you for an assessment of your business. During this meeting and assessment, the Specialist will work with you in examining your business's hazardous waste generating practices. The Specialist will then provide you with materials on waste reduction technology and assist you in setting up appropriate hazardous waste minimization practices.

We look forward to working with you in reducing the amount of hazardous waste your business generates. Of course, your comments and suggestions are encouraged; we need your input in order to best serve you! Please direct any comments and questions to Katherine Chesick at 415/271-4320.

Sincerely,

Edgar B. Howell

Edgar B. Howell, Chief,
Alameda County Hazardous Materials Division

EBH:kac

cc: Fire Department
Files

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

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

Telephone Number: (415)

R0296

Certified Mail # P 691 202 281

August 9, 1988

Mr. George Skezas
Director of Maintenance & Construction
AC Transit
1600 Franklin St.
Oakland, CA 94612

SUBJ: Status of Tank Installation Plan Review, AC Transit,
1100 Seminary Drive, Oakland, CA 94621

Dear Mr. Skezas:

The underground storage tank installation plans for 1100 Seminary Dr., were resubmitted to our office per our letter request of June 6, 1988. However, our review reveals that these plans are incomplete and still do not meet the requirements of Chapter 6.7 of the California Health and Safety Code, and Subchapter 16 of Chapter 3, Title 23, of the California Administrative Code. While we are aware that your contractors are working on revising these plans, we wish to remind you that we will not approve the plans until they meet the above specified requirements. Tanks installed from plans not meeting these requirements will not be issued operating permits.

To cover the amount of time we are spending communicating with all parties involved in this project and to cover our time on-site gathering information from project engineers, we require another deposit of $750.00.

If you have any questions, please contact Katherine Chesick, Hazardous Materials Specialist, at 271-4320.

Sincerely,

Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:KC:mnc

cc: Bill O'Hare, Kaiser Engineers
Mark Present, Roebbelen Engineering, Inc.
Bill Dove, E.H. Morrill Co.
Katherine Chesick
Files

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

R0296

Telephone Number: (415) 271-4320

6 June 1988

Mr. George Skezas
Director of Maintenance and Construction
AC Transit
1600 Franklin Street
Oakland, California 94612

Subject: Status of Tank Installation Plan Review, 1100 Seminary Drive, Oakland

Dear Mr. Skezas:

This letter summarizes the plan review status for the four underground storage tanks to be installed by AC Transit at 1100 Seminary Drive, Oakland. Our review to date reveals the need for plan revision in order for the tank and monitoring specifications to meet the requirements of Chapter 6.7 of the California Health and Safety Code, and Subchapter 16 of Chapter 3, Title 23 of the California Administrative Code. To avoid confusion, we request that the existing plans be retrieved from our office, amended and resubmitted in triplicate. The following information should be added during plan revision:

1) Piping specifications;
2) Specifications for continuous monitoring of the annular space between primary and secondary tanks;
3) Specifications for continuous monitoring of the pipe annular space; and
4) Specifications indicating compatibility of the primary and secondary tank and piping materials with the proposed tank contents.

When the plans are retrieved from our office, we will also provide a four page leaflet outlining the submittals required for final permitting of the four new tanks, blank permit applications, and a blank business plan.

In order to review the revised plans, we require deposit of an additional $750.

R0296

If you have any questions, please contact Katherine Chesick, Hazardous Materials Specialist, at 271-4320.

Sincerely,

RAS

Rafat A. Shahid, Chief,
Hazardous Materials Division

RAS:kc

cc: Katherine Chesick
Bill O'Hare, Kaiser Engineers
Mark Present, Roebbelen Engineering, Inc.
Bill Dove, E. H. Morrill Co.
Files

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

SITE: 1100 Seminary Ave.

R0296

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

December 12, 1986

Mr. Mike Chambers
S.J. Amaroso Construction Co., Inc.
348 Hatch Drive
Foster City, CA 94404

Dear Mr. Chambers:

We are in receipt of your plan of correction for A.C. Transit Facility, Division 4, Seminary Ave., Oakland, CA.

In general, the plan is acceptable, however, under item III, if any soil contamination is found greater than 100 ppm, a water monitoring well must be installed in accordance with the policy and guidelines set forth by the Regional Water Quality Control Board, San Francisco Bay Region.

Also, please submit copies of all completed manifest, analysis of all samples taken and monitoring well log and lab analysis.

If you have any questions, please contact Edgar B. Howell, III, Senior Hazardous Materials Specialist, at 874-7237.

Sincerely,

Edgar B Howell III

Rafat A. Shahid, Chief
Hazardous Materials Program

RAS:mn-c

cc: Peter Johnson, RWQCB
Dwight Hoenig, DOHS