

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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August 15, 2007

Mr. Ronald Silberman  
Fordham Properties Inc.  
5835 Doyle Street, #101  
Emeryville, CA 94608

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

Subject: Fuel Leak Case No. RO0000402 (Global ID # T0600118672), AC Transit, 1177 47<sup>th</sup> Street, Emeryville, CA

Dear Mr. Silberman:

In correspondence from February 2007, Downey Brand previously requested that you complete an access agreement with AC Transit that (i) enables AC Transit and their consultant, Cameron-Cole, to perform the necessary work and (ii) is signed by all relevant parties. To date, you have not responded to this request.

Under the direction of this office, AC Transit is conducting an environmental investigation for a property located at 1177 47<sup>th</sup> Street, Emeryville, CA. Groundwater contamination has been detected in a monitoring well near your property. The extent of the groundwater contamination is currently unknown but potentially could extend beneath your property. ACEH is requiring AC Transit to characterize the extent of contamination emanating from their site. Downey Brand, on behalf of AC Transit, previously submitted an access agreement to you to allow exploratory borings at 4701 Doyle Street, Emeryville, CA. It is imperative that this access agreement be resolved in order to define the extent of contamination and prevent future contaminant migration. This request is being made pursuant to California Health and Safety Code Section 25185.5 which states, "any authorized representative of the department may...enter and inspect any real property which is within 2,000 feet of a deposit of hazardous waste or a hazardous waste property and do any of the following:

- a) Obtain samples of the soil, vegetation, air, water, and biota on or beneath the land.
- b) Set up and maintain monitoring equipment for the purpose of assessing or measuring the actual or potential migration of hazardous waste on, beneath, or toward the land.
- c) Survey and determine the topography and geology of the land.


Owners of adjacent properties are generally not responsible for the cost of investigation and cleanup of contamination that migrates onto their property from an adjacent fuel leak site. However, owners of adjacent properties are expected to cooperate with the responsible party's investigation and cleanup activities to the extent that they are not experiencing undue hardship or alteration to their property. The Regional Water Quality Control Board may hold an uncooperative property owner responsible for investigation and cleanup costs if he or she refuses to provide reasonable access to a responsible party attempting to investigate and cleanup pollution that has moved onto adjacent sites. To date, you have not responded to repeated requests to provide reasonable access to your property. Therefore, unless we hear from you within 21 days, we will take steps to hold you responsible for investigation and cleanup costs for the contamination that has potentially migrated onto your property.

Mr. Ronald Silberman  
August 15, 2007  
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These requests are made pursuant to Water Code Section 13267, which allows ACEH to require technical reports from persons whose activities may have an impact on water quality. You may be subject to administrative civil liability of up to \$1,000 per day pursuant to Water Code Section 13268 if you fail to respond, respond late, or submit an inadequate response.

Please contact me at (510) 383-1767 or via email at <mailto:steven.plunkett@acgov.org> with any questions regarding this case.

Sincerely,



Steven Plunkett  
Hazardous Materials Specialist

cc: Ms. Suzanne Chaewsky  
AC Transit  
10626 E. 14<sup>th</sup> Street  
Oakland, CA 94603

Mr. Robert Soran  
Downey Brand  
555 Capitol Mall, 10th Floor  
Sacramento, CA 95814

Mr. Brad Wright  
Cameron-Cole LLC  
101 West Atlantic Blvd., Building 90  
Alameda, CA 94501

Donna Drogos, ACEH  
Steven Plunkett, ACEH  
File

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October 9, 2006

Ms. Suzanne Chaewsky  
AC Transit  
10626 E. 14<sup>th</sup> Street  
Oakland, CA 94603

Subject: Fuel Leak Case Number [REDACTED] AC Transit Facility, 1177 47<sup>th</sup> Street, Emeryville, CA – Work Plan Approval

Dear Ms. Chaewsky:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document titled, "Work Plan for Downgradient Subsurface Investigation," dated September 2006. The scopes of work for the Soil Water Investigation (SWI) proposes 7 soil borings with soil and groundwater sampling and the installation of up to 4 groundwater monitoring wells to help define soil and groundwater conditions immediately downgradient of the subject site. In addition, evaluation of remedial alternatives and objectives will be assessed for the site, following the completion of the SWI. ACEH concurs with the proposed scope of work as stated in the Work Plan provided that following technical comments are addressed.

We request that you perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to [steven.plunkett@acgov.org](mailto:steven.plunkett@acgov.org)) prior to the start of field activities.

**TECHNICAL COMMENTS**

1. **Soil and Groundwater Sampling.** During soil boring installation, soil samples should be collected at the capillary fringe just above first encountered groundwater and at any interval where obvious staining, odor or elevated PID reading are detected. ACEH agrees with the groundwater sampling as recommended by Cameron-Cole.
2. **Downgradient Monitoring Well Installation.** ACEH suggests the use of monitoring wells designed with sand pack intervals of 2'-5' or less, as these wells will likely be representative of depth discrete groundwater conditions. Upon completion of the SWI, ACEH request that you submit all well construction details, technical specifications and well lithologic logs prior to monitoring well installation. In addition, we request that a licensed professional surveyor survey the monitoring well location. Please present your rationale for well design and monitoring well locations in the SWI Report requested below.
3. **Site Conceptual Model.** ACEH suggests that once the SWI is completed, the SCM should be updated to reflect the results of the investigation. In addition, review of any data gaps

### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Steve Plunkett), according to the following schedule:

- **December 1, 2006** – 4<sup>th</sup> Quarter 2006 Groundwater Monitoring Report
- **90 Days After Completion of Soil and Groundwater Investigation** – Soil and Groundwater Investigation Report with Updated Site Conceptual Model
- **120 Days After Completion of Soil and Groundwater Investigation** – Remedial Action Plan

These reports are being requested pursuant to California Health and Safety Code Section 25296.10, 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

### ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic\\_reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

### PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or

certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,



Steven Plunkett  
Hazardous Materials Specialist

cc: Brad Wright  
Cameron-Cole LLC  
101 West Atlantic Blvd., Building 90  
Alameda, CA 94501

Donna Drogos, ACEH  
Steven Plunkett, ACEH  
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August 23, 2006

Ms. Suzanne Chaewsky  
AC Transit  
10626 E. 14<sup>th</sup> Street  
Oakland, CA 94603

Subject: Fuel Leak Case No. [REDACTED] AC Transit Facility, 1177 47<sup>th</sup> Street, Emeryville, CA

Dear Ms. Chaewsky:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site including the "Technology Screening Report" dated June 2004. Current Laboratory analytical results from the sampling conducted in February 2006, indicate that groundwater from well MW-13 contains free phase petroleum hydrocarbon. Furthermore, a supplemental off site investigation conducted in October 2003 detected elevated levels of dissolved petroleum hydrocarbon contamination in groundwater in soil boring SB-8, at concentrations of 26,000 µg/L, 110,000 µg/L, 84,000 µg/L, 250 µg/L, and 125 µg/L for TPHg, TPHd, TPHss, MiBE and benzene, respectively.

Based on the presence of free phase product in on site monitoring well MW-13 and soil boring SB-4 and elevated concentrations of dissolved petroleum hydrocarbons in groundwater off site in soil borings SB-8 and SB-9, ACEH has concluded that characterization of this site is not complete. Therefore, you are required to conduct additional off-site investigation to determine the extent of plume migration, combined with groundwater monitoring and cleanup in order to reach site closure.

According to the June 2004 "Technology Screening Report", remediation technology screening was performed for the site, and several remedial alternatives were deemed to be appropriate as possible interim remedial measures. ACEH agrees that free product removal in the source area and offsite plume migration controls should be implemented. Lastly, the preparation of a Site Conceptual Model (SCM) is recommended to provide a framework, which can then be used to help guide the investigation and clean up process.

Based on ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to [steven.plunkett@acgov.org](mailto:steven.plunkett@acgov.org)) prior to the start of field activities.

**TECHNICAL COMMENTS**

1. **Off Site Soil and Groundwater Characterization.** The lateral and vertical extent of soil and groundwater contamination off site has not been fully defined. Soil borings SB-7, SB-8 and SB-9 extend to depths of 24 feet, 16 feet and 24 feet, respectively. Review of the soil boring

data indicate there is a more permeable unit at approximately 20 to 22 feet bgs., which may be acting as a conduit for off site plume migration. Also, groundwater analytical data collected from these soil borings indicate that the dissolved contamination plume has not been fully delineated. Furthermore, contamination migration appears to be consistent with the projected groundwater gradient, toward the west/northwest. These conclusions confirm that further off site investigation is needed to define the extent of contamination down gradient of the site.

The Work Plan requested below is to include plans to characterize petroleum hydrocarbon concentrations in groundwater within the shallow groundwater zone and possible deeper water-bearing zones. Please consider the use of depth discrete groundwater samples collected along a west/northwest trending transect to characterize off site conditions prior to installation of monitoring wells. We request that you use detailed hydrogeologic cross sections to determine the appropriate location and design for monitoring wells that are needed to appropriately characterize the three-dimensional extent of soil and groundwater contamination down gradient of the site. To appropriately evaluate your site, the monitoring wells will need to be screened in the permeable zones with screen lengths that match the stratigraphic sequence. Please include the above information in the Work Plan requested below.

2. **Evaluation of Remedial Action Objectives and Remedial Alternatives.** During quarterly monitoring in 2002, seven feet of free product was discovered in onsite monitoring well MW-13. The initial release was linked to a leak from the hydraulic hoist, and free product removal was implemented to mitigate the release. In May 2004 AC Transit presented a series of corrective measures that are intended to help mitigate source area contamination and control plume migration off site. ACEH agrees with the need for free product recovery in the source area and the implementation of off site plume migration control. However, prior to the commencement of any remedial actions a feasibility study should be conducted to determine the efficacy of the chosen remedial alternative. Please discuss in detail your approach to remove free product from the source area, and your plan to control down gradient dissolved petroleum hydrocarbon contamination migration. Please present your rationale for the remedial method chosen in the Work Plan requested below.
3. **Well Survey.** ACEH requests that you locate all wells (monitoring and production wells: active, inactive, standby, decommissioned, abandoned and dewatering, drainage and cathodic protection wells) within 2,000 ft of the subject site. We recommend that you obtain well information from both Alameda County Public Works and the State of California Department of Water Resources, at a minimum. As part of your well survey, please perform a background study of the historical land uses of the site and properties in the vicinity of the site. Please refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your well survey. Please include the results of your Well Survey in the Work Plan requested below.
4. **Project Approach and Investigation Reporting – Site Conceptual Model.**

We anticipate that characterization and remediation work in addition to what is requested in this letter will be necessary at and down gradient from your site. Considerable cost savings can be realized if your consultant focuses on developing and refining a viable Site Conceptual Model (SCM) for the project. A SCM is a set of working hypotheses pertaining to

all aspects of the contaminant release, including site geology, hydrogeology, release history, residual and dissolved contamination, attenuation mechanisms, pathways to nearby receptors, and likely magnitude of potential impacts to receptors. The SCM is used to identify data gaps that are subsequently filled as the investigation proceeds. As the data gaps are filled, the working hypotheses are modified, and the overall SCM is refined and strengthened. Subsurface investigations continue until the SCM no longer changes as new data are collected. At this point, the SCM is said to be "validated." The validated SCM then forms the foundation for developing the most cost-effective corrective action plan to protect existing and potential receptors.

When performed properly, the process of developing, refining and ultimately validating the SCM effectively guides the scope of the entire site investigation. We have identified, based on our review of existing data, some key data gaps in this letter and have described several tasks that we believe will provide important new data to refine the SCM. **We request that your consultant develop a SCM for this site, identify data gaps, and propose specific supplemental tasks for future investigations.** There may need to be additional phases of investigations, each building on the results of the prior work, to validate the SCM. Characterizing the site in this way will improve the efficiency of the work and limit its overall cost.

The SCM approach is endorsed by both industry and the regulatory community. Technical guidance for developing SCMs is presented in API's Publication No. 4699 and EPA's Publication No. EPA 510-B-97-001 both referenced above; and "Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C," prepared by the State Water Resources Control Board, dated March 27, 2000.

The SCM for this project would incorporate, but not be limited to, the following:

- a) A concise narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include a list of technical references you reviewed, and copies (photocopies are sufficient) of regional geologic maps, groundwater contours, cross-sections, etc.
- b) A concise discussion of the on-site and off-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to down gradient and above-ground receptors. Be sure to include the vapor pathway in your analysis. Maximize the use of large-scale graphics (e.g., maps, cross-sections, contour maps, etc.) and conceptual diagrams to illustrate key points. Include structural contour maps (top of unit) and isopach maps to describe the geology at your site. Geologic cross-sections, which include an interpretive drawing of the vertical extent of soil and groundwater contamination (i.e., an interpretive drawing—not a plot of laboratory results). The SCM report requested below is to include one cross section parallel and one cross section perpendicular to the contaminant plume axis. Each cross section should include, but not be restricted to, the following:
  1. Subsurface geologic features, depth to groundwater and man-made conduits.
  2. Surface topography. The cross sections should be extended off-site where necessary to show significant breaks in slope.
  3. Soil descriptions for all borings and wells along the line of section.
  4. Screen and filter pack intervals for each monitoring well.



5. Sampling locations and results for soil and grab groundwater samples.
  6. Site features such as the tank pit, dispensers, buildings etc. Where appropriate, monitoring well locations and soil boring locations should be projected back to the strike of the cross section line.
- c) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.
  - d) Proposed activities to investigate and fill data gaps identified above.
  - e) The SCM shall include an analysis of the hydraulic flow system at and downgradient from the site. Include rose diagrams for groundwater gradients. The rose diagram shall be plotted on groundwater contour maps and updated in all future reports submitted for your site. Include an analysis of vertical hydraulic gradients. Note that these likely change due to seasonal precipitation and pumping.
  - f) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head measurements. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams.
  - g) Other contaminant release sites exist in the vicinity of your site. Hydrogeologic and contaminant data from those sites may prove helpful in testing certain hypotheses for your SCM. Include a summary of work and technical findings from nearby release sites and incorporate the findings from nearby site investigations into your SCM.

Please report the information discussed above in your initial SCM and include it in the Work Plan requested below.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **September 21, 2006** – Work Plan for Soil and Groundwater Investigation, with Site Conceptual Model and Well Survey
- **90 days following ACEH approval of Work Plan** – Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### **PERJURY STATEMENT**

Suzanne Chaewsky  
August 18, 2006  
Page 5

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

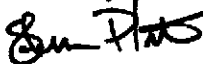
However, please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

#### AGENCY OVERSIGHT

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If you have any questions, please call me at (510) 383-1767.

Sincerely,



Steven Plunkett  
Hazardous Materials Specialist

Suzanne Chaewsky  
August 18, 2006  
Page 6

cc: Samhita Lahiri  
Essel Technology, Inc.  
1305 Franklin Street #200  
Oakland, CA 94612

Brad Wright  
Cameron-Cole LLC  
101 West Atlantic Blvd., Building 90  
Alameda, CA 94501

Donna Drogos, ACEH  
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August 11, 2006

Ms. Suzanne Chaewsky  
AC Transit  
10626 E. 14<sup>th</sup> Street  
Oakland, CA 94603

Subject: Fuel Leak Case No. [REDACTED], AC Transit Facility, 1177 47<sup>th</sup> Street, Emeryville, CA

Dear Ms. Chaewsky:

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Based on ACEH staff review of the case file, we request that you address the following technical comments and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to [steven.plunkett@acgov.org](mailto:steven.plunkett@acgov.org)) prior to the start of field activities.

**TECHNICAL COMMENTS**

1. **Off Site Soil and Groundwater Characterization.** The lateral and vertical extent of soil and groundwater contamination off site has not been fully defined. Soil borings SB-7, SB-8 and SB-9 extend to depths of 24 feet, 16 feet and 24 feet, respectively. Review of the soil boring

data indicate there is a more permeable unit at approximately 20 to 22 feet bgs., which may be acting as a conduit for off site plume migration. Also, groundwater analytical data collected from these soil borings indicate that the dissolved contamination plume has not been fully delineated. Furthermore, contamination migration appears to be consistent with the projected groundwater gradient, toward the west/northwest. These conclusions confirm that further off site investigation is needed to define the extent of contamination down gradient of the site.

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3. **Well Survey.** ACEH requests that you locate all wells (monitoring and production wells: active, inactive, standby, decommissioned, abandoned and dewatering, drainage and cathodic protection wells) within 2,000 ft of the subject site. We recommend that you obtain well information from both Alameda County Public Works and the State of California Department of Water Resources, at a minimum. As part of your well survey, please perform a background study of the historical land uses of the site and properties in the vicinity of the site. Please refer to the Regional Board's guidance for identification, location, and evaluation of potential deep well conduits when conducting your well survey. Please include the results of your Well Survey in the Work Plan requested below.
4. **Project Approach and Investigation Reporting – Site Conceptual Model.**

We anticipate that characterization and remediation work in addition to what is requested in this letter will be necessary at and down gradient from your site. Considerable cost savings can be realized if your consultant focuses on developing and refining a viable Site Conceptual Model (SCM) for the project. A SCM is a set of working hypotheses pertaining to

all aspects of the contaminant release, including site geology, hydrogeology, release history, residual and dissolved contamination, attenuation mechanisms, pathways to nearby receptors, and likely magnitude of potential impacts to receptors. The SCM is used to identify data gaps that are subsequently filled as the investigation proceeds. As the data gaps are filled, the working hypotheses are modified, and the overall SCM is refined and strengthened. Subsurface investigations continue until the SCM no longer changes as new data are collected. At this point, the SCM is said to be "validated." The validated SCM then forms the foundation for developing the most cost-effective corrective action plan to protect existing and potential receptors.

When performed properly, the process of developing, refining and ultimately validating the SCM effectively guides the scope of the entire site investigation. We have identified, based on our review of existing data, some key data gaps in this letter and have described several tasks that we believe will provide important new data to refine the SCM. **We request that your consultant develop a SCM for this site, identify data gaps, and propose specific supplemental tasks for future investigations.** There may need to be additional phases of investigations, each building on the results of the prior work, to validate the SCM. Characterizing the site in this way will improve the efficiency of the work and limit its overall cost.

The SCM approach is endorsed by both industry and the regulatory community. Technical guidance for developing SCMs is presented in API's Publication No. 4699 and EPA's Publication No. EPA 510-B-97-001 both referenced above; and "Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C," prepared by the State Water Resources Control Board, dated March 27, 2000.

The SCM for this project would incorporate, but not be limited to, the following:

- a) A concise narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include a list of technical references you reviewed, and copies (photocopies are sufficient) of regional geologic maps, groundwater contours, cross-sections, etc.
- b) A concise discussion of the on-site and off-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to down gradient and above-ground receptors. Be sure to include the vapor pathway in your analysis. Maximize the use of large-scale graphics (e.g., maps, cross-sections, contour maps, etc.) and conceptual diagrams to illustrate key points. Include structural contour maps (top of unit) and isopach maps to describe the geology at your site. Geologic cross-sections, which include an interpretive drawing of the vertical extent of soil and groundwater contamination (i.e., an interpretive drawing—not a plot of laboratory results). The SCM report requested below is to include one cross section parallel and one cross section perpendicular to the contaminant plume axis. Each cross section should include, but not be restricted to, the following:
  1. Subsurface geologic features, depth to groundwater and man-made conduits.
  2. Surface topography. The cross sections should be extended off-site where necessary to show significant breaks in slope.
  3. Soil descriptions for all borings and wells along the line of section.
  4. Screen and filter pack intervals for each monitoring well.

5. Sampling locations and results for soil and grab groundwater samples.
  6. Site features such as the tank pit, dispensers, buildings etc. Where appropriate, monitoring well locations and soil boring locations should be projected back to the strike of the cross section line.
- c) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.
  - d) Proposed activities to investigate and fill data gaps identified above.
  - e) The SCM shall include an analysis of the hydraulic flow system at and downgradient from the site. Include rose diagrams for groundwater gradients. The rose diagram shall be plotted on groundwater contour maps and updated in all future reports submitted for your site. Include an analysis of vertical hydraulic gradients. Note that these likely change due to seasonal precipitation and pumping.
  - f) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head measurements. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams.
  - g) Other contaminant release sites exist in the vicinity of your site. Hydrogeologic and contaminant data from those sites may prove helpful in testing certain hypotheses for your SCM. Include a summary of work and technical findings from nearby release sites and incorporate the findings from nearby site investigations into your SCM.

Please report the information discussed above in your initial SCM and include it in the Work Plan requested below.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Steven Plunkett), according to the following schedule:

- **September 15, 2006** – Work Plan for Soil and Groundwater Investigation, with Site Conceptual Model and Well Survey
- **90 days following ACEH approval of Work Plan** – Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

#### **PERJURY STATEMENT**

Suzanne Chaewsky  
August 11, 2006  
Page 5

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

#### UNDERGROUND STORAGE TANK CLEANUP FUND

Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

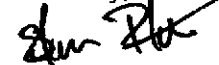
However, please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

#### AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 383-1767.

Sincerely,



Steven Plunkett  
Hazardous Materials Specialist



Suzanne Chaewsky  
August 11, 2006  
Page 6

cc: Samhita Lahiri  
Essel Technology, Inc.  
1305 Franklin Street #200  
Oakland, CA 94612

Brad Wright  
Cameron-Cole LLC  
101 West Atlantic Blvd., Building 90  
Alameda, CA 94501

Donna Drogos, ACEH  
Steven Plunkett, ACEH  
File

**Drogos, Donna, Env. Health**

---

**From:** Drogos, Donna, Env. Health  
**Sent:** Wednesday, June 14, 2006 2:09 PM  
**To:** 'bwright@cameron-cole.com'  
**Subject:**  
**Attachments:** ftpUploadInstructions\_2006\_0531.pdf

Hi Brad, Attached is the procedure for posting to our website. Thanks, Donna

Donna L. Drogos, PE  
LOP Program Manager  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

510-567-6721  
donna.drogos@acgov.org

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

RO0000402

September 12, 2003

Ms. Suzanne Patton  
AC Transit  
10626 East 14<sup>th</sup> Street  
Oakland, CA 94603

**RE: Work Plan Approval for AC Transit at 1177 47<sup>th</sup> Street, Emeryville, CA**

Dear Ms. Patton:

I have completed review of Cameron-Cole's July 2003 *Workplan for Supplemental Subsurface Investigation* prepared for the above referenced site. Cameron-Cole proposed to advance up to six soil borings along Doyle Street to further define the extent of TPH and stoddard solvent in groundwater. In addition, two soil borings are proposed within the known plume onsite to get a better understanding of the sand layer encountered at approximately 25 feet bgs. The proposed work plan is acceptable with the following technical comments.

- If groundwater is encountered within borings SB-11 and SB-12, a grab groundwater samples should be collected for laboratory analysis.
- Borings SB-13 and SB-14 should be advanced to a minimum of 35 feet bgs to evaluate the sand layer, if encountered.
- To delineate the vertical extent of contamination, soil samples collected below groundwater elevation should be field screened and submitted for laboratory analysis if warranted.
- Should groundwater monitoring wells be warranted, the vertical length of the screen should not exceed 5 feet.
- Soil and groundwater samples should be analyzed for TPHg, TPHss, TPHd, BTEX, and MTBE. Select groundwater samples may need to be analyzed for hydraulic oil, too.

Field work should commence within 60 days of the date of this letter, or by **November 17, 2003**. Please provide at least 72 hours advance notice of field activities. If you have any questions, I can be reached at (510) 567-6762 or by email at [echu@co.alameda.ca.us](mailto:echu@co.alameda.ca.us).

eva chu  
Hazardous Materials Specialist

c: Donna Drogos  
email: Brad Wright, Cameron-Cole

actransit-9

RO-402

# AC Transit

Alameda Contra Costa Transit District

**Suzanne Patton, P.E.**

Environmental Engineer

(510) 577-8869

July 10, 2003

Alameda County  
JUL 15 2003  
Environmental Health

Ms. eva chu  
Alameda County Health Division  
Division of Environmental Protection  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502

Dear Ms. chu:

Subject: Quarterly Groundwater Monitoring Report,  
AC Transit, 1177 47th Street, Emeryville

AC Transit hereby submits the enclosed quarterly groundwater monitoring report for the AC Transit facility located at 1177 47<sup>th</sup> Street in Emeryville. The report was prepared by our consultant, Cameron-Cole, LLC, and contains the results of the May 2003 sampling event.

Groundwater samples were collected from three monitoring wells (MW-11, MW-12, and MW-13). These wells are sampled quarterly and all eleven on-site wells are sampled semi-annually. Samples were analyzed for total extractable petroleum hydrocarbons (TEPH) using modified EPA Method 8015 and benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE) using EPA Method 8021B. A groundwater sample was not collected from MW-13 due to the presence of a 2.88 inch free phase hydrocarbon layer.

Analytical results indicate that concentrations in well MW-11 are consistent with past sampling events. Results of the sample collected from MW-12 show below detection limits for benzene and toluene and increased concentrations of diesel, gasoline, ethylbenzene, xylenes and MBTE.

If you have any questions regarding this report or other matters pertaining to this site, please call me at (510) 577-8869.

Sincerely,



Suzanne Patton, P.E.  
Environmental Engineer

Enclosure

Evachu07'10'03.doc

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

RO0000402

June 16, 2003

Ms. Suzanne Patton  
AC Transit  
10626 East 14<sup>th</sup> Street  
Oakland, CA 94603

RE: Additional Investigation for AC Transit at 1177 47<sup>th</sup> Street, Emeryville, CA

Dear Ms. Patton:

I have completed review of the case file, and the March 2003 *Groundwater Monitoring Report* and the May 2003 *Subsurface Investigation Report*, both prepared by Cameron-Cole LLC for the above referenced site. In February 2003, five soil borings, SB-1 through SB-5, were drilled to delineate the extent of the hydraulic oil plume. Groundwater from boring SB-1 contained 17,000 ppb stoddard solvent, SB-3 contained 9,500 ppb TPHmo, and SB-4 contained free product and was not sampled. Four soil borings were proposed to further delineate the extent of the plume. It is requested that you address the following technical comments:

- Soil borings proposed are on the west side of Doyle Street. It is recommended that soil borings be advanced along the storm drain line that acts as a preferential pathway for the migration of contaminants. Proposed borings west of the storm drain line may not provide pertinent information.
- Geologic cross-sections did not include storm drain or other utility lines. Please include in an amended cross-section map.
- Groundwater monitoring wells at the site are screened at various depths, some from 5 to 14.5 feet bgs, some from 10 to 19.5 feet bgs, and still others from 15 to 29.5 feet bgs. Depth to water at the site has ranged from approximately 3 to 6.5 feet bgs, with depth to water in wells MW-10, MW-12 and MW-13 ranging from 8.5 to 10.5 feet bgs. A more permeable lens appears to be at about 25 feet bgs. The vertical extent of the plume needs to be better characterized. It is recommended that soil borings be advanced within the plume and depth discrete soil and groundwater samples collected to depths of at least 35 to 40 feet bgs. Data from this investigation will determine if the wells are screened properly.

A work plan to address the above concerns is due within 45 days of the date of this letter, or by July 29, 2003. If you have any questions, I can be reached at (510) 567-6762 or by email at [echu@co.alameda.ca.us](mailto:echu@co.alameda.ca.us).

eva chu  
Hazardous Materials Specialist

c: Donna Drogos  
email: Brad Wright, Cameron-Cole

actransit-8

RO-402

# AC Transit

Alameda Contra Costa Transit District

**Suzanne Patton, P.E.**  
Environmental Engineer  
(510) 577-8869  
April 11, 2003

Alameda County  
APR 16 2003  
Environmental Health

Ms. eva chu  
Alameda County Health Division  
Division of Environmental Protection  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502

Dear Ms. chu:

Subject: Quarterly Groundwater Monitoring Report,  
AC Transit, 1177 47th Street, Emeryville

AC Transit hereby submits the enclosed quarterly groundwater monitoring report for the AC Transit facility located at 1177 47<sup>th</sup> Street in Emeryville. The report was prepared by our consultant, Cameron-Cole, LLC, and contains the results of the February 2003 sampling event.

Groundwater samples were collected from eleven monitoring wells and analyzed for total extractable petroleum hydrocarbons (TEPH) using modified EPA Method 8015 and benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE) using EPA Method 8021B. A groundwater sample was not collected from MW-13 due to the presence of a free phase hydrocarbon layer.

Analytical results indicate that total petroleum hydrocarbons (TPH) as degraded diesel was detected in nine wells in concentrations that range from 58 ppb to 990 ppb. TPH as degraded gasoline was detected in five wells in concentrations that range from 200 ppb to 5,300 ppb. Benzene was detected in wells MW-6 and W-1 at concentrations of 63 and 11 ppb, respectively. MTBE above the Maximum Contaminant Level (MCL) of 13 ppb was detected in monitoring wells MW-1 (17 ppb) and MW-2 (18 ppb).

If you have any questions regarding this report or other matters pertaining to this site, please call me at (510) 577-8869.

Sincerely,

  
Suzanne Patton, P.E.  
Environmental Engineer

enclosure

## Chu, Eva, Env. Health

---

**From:** Chu, Eva, Env. Health  
**Sent:** Friday, November 22, 2002 10:00 AM  
**To:** Patton, Sue (E-mail)  
**Subject:** FW: AC Transit, 1177 47th Street, Emeryville

Hi Sue,

Back in August 2002, I requested that geologic cross sections be prepared for the above referenced site. The most recent QMR did not include the cross-sections. Please have Cameron-Cole do that. I'm still concerned about possible offsite migration of petroleum hydrocarbons via preferential pathways, and into Temescal Creek. The levels of TPHd in well MW-6 suggests there is free product at the source (USTs?). A series of soil borings may be warranted around MW-6 to find the source of contamination. Please have Cameron-Cole check into this, too. Thanks.

eva

-----Original Message-----

**From:** Chu, Eva, Env. Health  
**Sent:** Monday, August 19, 2002 9:54 AM  
**To:** Patton Sue (E-mail)  
**Subject:** AC Transit, 1177 47th Street, Emeryville

Hi Suzanne,

Please be sure all monitoring wells are sampled in the August 2002 sampling event. The subsequent report should include geologic cross sections that include at a minimum lithology, groundwater elevation, well screen interval, storm drain and other utility depths. Thanks.

*eva chu*  
Hazardous Materials Specialist  
1131 Harbor Bay Parkway  
(510) 567-6762  
(510) 337-9335 (fax)

RO-402

# AC Transit

Alameda-Contra Costa Transit District

10626 East 14th Street, Oakland, California

94603 ☐ (510) 577-8804

FAX ☐ (510) 577-8859

November 6, 2002

Ms. eva chu  
Alameda County Health Division  
Division of Environmental Protection  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502

**Alameda County**

NOV 14 2002

**Environmental Health**



Dear Ms. chu:

**Subject: Notification of Release to Groundwater and Submittal of Quarterly Groundwater Monitoring Report, AC Transit, 1177 47th Street, Emeryville**

During quarterly groundwater sampling at our Emeryville facility, floating product was discovered on groundwater in monitoring well MW-13 that had previously been observed to be free of floating product. This letter hereby provides written notification to your agency of this finding as a follow-up to the verbal notification given by phone on November 6, 2002. Enclosed is the quarterly groundwater monitoring report for the AC Transit facility located at 1177 47<sup>th</sup> Street in Emeryville for the September 2002 sampling event.

The floating product in well MW-13 was measured to be about 7-feet in depth and appears to be hydraulic oil. We suspect that the hydraulic oil in the well originated from an underground release from the hydraulic lifts located in the nearby Tire Shop. Actions taken to investigate the nature and magnitude of the problem include locking and tagging out the lift and scheduling a leak test of the underground piping for the system. If feasible, repairs will be made and contaminated soil will be removed. If repairs are not feasible, AC Transit will permanently close the hoist and convert to an above ground system. Cameron-Cole, our groundwater monitoring contractor, has been directed to immediately start a program of bailing product from the well on a daily basis until additional studies are performed and a course of action is determined.

If you have any questions regarding this report or other matters pertaining to this site, please call me at (510) 577-8869.

Sincerely,

*Suzanne Patton*  
Suzanne Patton, P.E.  
Environmental Engineer

enclosure



**Chu, Eva, Env. Health**

---

**From:** Chu, Eva, Env. Health  
**Sent:** Monday, August 19, 2002 9:54 AM  
**To:** Patton Sue (E-mail)  
**Subject:** AC Transit, 1177 47th Street, Emeryville

Hi Suzanne,

Please be sure all monitoring wells are sampled in the August 2002 sampling event. The subsequent report should include geologic cross sections that include at a minimum lithology, groundwater elevation, well screen interval, storm drain and other utility depths. Thanks.

*eva chu*  
Hazardous Materials Specialist  
1131 Harbor Bay Parkway  
(510) 567-6762  
(510) 337-9335 (fax)

Rb. 402

**Chu, Eva, Env. Health**

---

**From:** Chu, Eva, Env. Health  
**Sent:** January 03, 2002 12:29 PM  
**To:** 'Patton, Sue'  
**Subject:** AC Transit at 1177 47th Street, Emeryville, CA

Hi Sue,

I reviewed the November 2001 report for the above referenced site. For the next sampling event, please analyze groundwater from well MW-11 for chlorinated solvents and ethylene glycol.

It also appears that well MW-12 was constructed and screened from 15 to 30 feet bgs. Cameron-Cole assumed that groundwater at the site is under confined conditions. I am not convinced this is the case. After another one or two sampling events, I may request that a shallow well (screened from approximately 5 to 15 feet bgs) be installed downgradient of the small UST for the emergency generator and near the storm drain line.

Happy New Year,

*evachu*

Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502  
(510) 567-6762  
(510) 337-9335 fax

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

R00000402

August 2, 2001

Ms. Suzanne Patton  
AC Transit  
10626 East 14<sup>th</sup> Street  
Oakland, CA 94603

*spattn@actransit.org*

**RE: Workplan Approval for 1177 47<sup>th</sup> Street, Emeryville, CA**

Dear Ms. Patton:

I have completed review of the July 2001 *Amendment to Workplan for Installation of Three Monitoring Wells* prepared for the above referenced site. The three proposed locations of the wells are acceptable. The wells will be installed in the third quarter of 2001. Please provide 72 hours advance notice of field activities.

Quarterly groundwater monitoring should be implemented for the newly installed wells, not semi-annually as proposed in your letter. After four quarters, I will evaluate the groundwater data to decide if the sampling frequency should be modified.

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

eva chu  
Hazardous Materials Specialist

c: Brad Wright, Cameron-Cole, ~~2233 Santa Clara Ave~~, Alameda, CA 94501

*101 W. Atlantic Ave Bldg 90*

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

RO0000402

June 28, 2001

Ms. Suzanne Patton  
AC Transit  
10626 East 14<sup>th</sup> Street  
Oakland, CA 94603

RE: **Workplan for 1177 47<sup>th</sup> Street, Emeryville, CA**

Dear Ms. Patton:

I have completed review of Safety-Kleen Consulting's May 2001 *Groundwater Monitoring Report* prepared for the above referenced site. That report also summarized additional subsurface investigations conducted by Tank Farm No. 2 and by the west perimeter of the property.

The groundwater monitoring event in March 2001 revealed results that were consistent with previous sampling events. The grab groundwater samples collected from Tank Farm No. 2 area identified elevated ethylene glycol concentrations and low levels of PCE and TCE. The grab groundwater samples from the west perimeter of the property contained elevated dissolved diesel. Groundwater from boring SB-7 contained TPHd concentrations that suggest the presence of free product.

Soil samples were also collected from soil borings advanced at Tank Farm No. 2. Soil samples were collected at depths ranging from 9 to 16 feet bgs. Soil analytical results revealed up to 560ppm TPHg and unremarkable levels of other analytes sought.

At this time, permanent groundwater monitoring wells should be installed near boring SB-1, SB-6 and SB-7. A workplan detailing the proposed scope of work is due within 60 days of the date of this letter, or by **August 31, 2001**. In addition, groundwater monitoring may be discontinued for wells MW-4, MW-5, MW-8, W-3 and W-4. The monitoring frequency of the remaining wells may be reduced to a semi-annual basis. Groundwater should be sampled in the first and third quarters of each year, until further notice.

Lastly, please explain why soil samples around Tank Farm No. 2 were collected below groundwater elevation. The approved workplan stated that soil samples would be collected from the capillary fringe, which should have been at about 4 feet bgs.

If you have any questions regarding the contents of this letter, I can be reached at (510) 567-6762.

A handwritten signature in black ink, appearing to read "eva chu".

eva chu  
Hazardous Materials Specialist

c: Brad Wright, Safety-Kleen, 2233 Santa Clara Ave, Alameda, CA 94501

actransit-6

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

StID 1232

December 11, 2000

Ms. Suzanne Patton  
AC Transit  
10626 East 14<sup>th</sup> Street  
Oakland, CA 94603

**RE: Work Plan Approval for 1177 47<sup>th</sup> Street, Emeryville, CA**

Dear Ms. Patton:

I have completed review of Safety-Kleen's December 2000 *Addendum to the Workplan for Additional Subsurface Investigation* prepared for the above referenced site. The proposal to advance a total of four soil borings in the vicinity of Tank Farm No. 2 is acceptable with the following changes/additions:

- Soil and groundwater samples should also be analyzed/quantified for TPH as stoddard solvent, TPH as motor oil, TPH as ATF, ethylene glycol, and chlorinate solvents.

In addition, Safety-Kleen's August 2000 *Workplan for Additional Subsurface Investigation* prepared to address the diesel fuel release at Tank Farm No. 1 is also acceptable. Bear in mind that unless it can be demonstrated that groundwater at the site is under confined conditions, future groundwater monitoring wells should be screened from approximately 5 to 20 feet bgs.

Field work should commence within 60 days of the date of this letter, or by **February 14, 2001**. Please provide 72 hours advance notice of field activities. If you have any questions, I can be reached at (510) 567-6762.

A handwritten signature in black ink, appearing to read 'eva chu'.

eva chu  
Hazardous Materials Specialist

c: Brad Wright, Safety-Kleen, 2233 Santa Clara Ave., Alameda, CA 94501

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

StID 1232

November 20, 2000

Ms. Suzanne Patton  
AC Transit  
10626 E 14<sup>th</sup> Street  
Oakland, CA 94603

**RE: Additional Investigations Required for 1177 47<sup>th</sup> Street, Emeryville, CA**

Dear Ms. Patton:

In October 2000 I reviewed Safety-Kleen's August 2000 *Workplan for Additional Subsurface Investigation* prepared for the above referenced site. Safety-Kleen proposed to advance four grab groundwater borings to delineate the extent of the diesel plume at the western end of the property. Based on the laboratory analytical results, two permanent groundwater monitoring wells will be installed at the site.

The workplan is adequate for addressing the diesel plume due to the former diesel fuel release at Tank Farm No. 1. However, the workplan did not include soil borings in the vicinity of Tank Farm No. 2. I had requested investigations at Tank Farm No. 2 in a letter to you, dated May 24, 2000. I had spoken with Mr. Brad Wright at Safety Kleen to submit a revised work that should also include the advancement of soil borings in the vicinity of Tank Farm No. 2. To date I have not received a revised workplan.

A revised workplan is due within 30 days of the date of this letter, or **by December 21, 2000**. Please be advised that some of the existing monitoring wells are screened from 15 or 18 feet bgs to 25 feet bgs. Please provide evidence that groundwater beneath the site is under confined conditions, otherwise, wells should be screened from approximately 5 to 20 feet bgs.

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

eva chu  
Hazardous Materials Specialist

c: Brad Wright, Safety Kleen, 2233 Santa Clara Ave, Alameda, CA 94501

# AC Transit

Alameda-Contra Costa Transit District

10626 East 14th Street, Oakland, California

94603 ☐ (510) 577-8804

FAX ☐ (510) 577-8859

PROTECTION  
00 JUL 21 PM 2:20



July 21, 2000

Ms. eva chu  
Alameda County Health Division  
Division of Environmental Protection  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502


Dear Ms. chu:

Subject: Request for Workplan – Additional  
AC Transit, 1177 47th Street, Emeryville

The purpose of this letter is to confirm our July 19 conversation that the submittal deadline for the investigation workplan (requested in your May 24, 2000, letter) for AC Transit's Emeryville facility is changed from July 26, 2000, to August 15, 2000.

If you have any questions regarding this matter, please call me at (510) 577-8869.

Sincerely,

  
Suzanne Patton, P.E.  
Environmental Manager

SP/sp

cc: Brad Wright, Safety-Kleen Consulting

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

StID 1232

May 24, 2000

Ms. Suzanne Patton  
AC Transit  
10626 E 14<sup>th</sup> Street  
Oakland, CA 94603

**RE: UST Closure Report and Additional Investigations Required for 1177 47<sup>th</sup> Street,  
Emeryville, CA**

Dear Ms. Patton:

Thank you for the submittal of Safety-Kleen Consulting's May 1, 2000 *Groundwater Monitoring Report* prepared for the above referenced site. When groundwater was sampled in March 2000, Well MW10 revealed up to 1,300ppb TPHd and Well W-1 revealed up to 3,400ppb TPHg, 1,800ppb TPHd, and 20ppb benzene.

At this time, additional investigations are required to delineate the extent of the hydrocarbon plume. It is recommended that two additional groundwater monitoring wells be installed adjacent to the storm drain along Doyle Street. Please submit a workplan proposal to delineate the contaminant plume within 60 days of the date of this letter, or by **July 26, 2000**.

Also, in December 1999, six USTs were removed from Tank Farm #2. This office is not in receipt of a tank closure report documenting removal activities, soil and groundwater analytical results, manifests, etc. The UST Closure Report is also due by July 26, 2000. At the time of the UST removal, an excessive quantity of pea gravel in the pit prevented the collection of soil samples from the excavation. Soil borings should be advanced around the former tank excavation for the collection of soil and grab groundwater samples. This work should also be outlined in the above required workplan.

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

eva chu  
Hazardous Materials Specialist

c: Nathan King, Safety-Kleen, 2233 Santa Clara Ave, Alameda, CA 94501



# Alameda County Environmental Health

1131 Harbor Bay Pkwy., #250  
Alameda CA 94502-6577  
Telephone (510) 567-6700 FAX (510) 337-9335

## FACSIMILE COVER SHEET

TO:

SUE PATTON

FROM:

ROB WESTON

DATE:

3-1-2000

Total number of pages including cover sheet

9

-NOTES-

UST Removal Docs

**PURCHASE ORDER**



Alameda-Contra Costa Transit District  
10626 International Blvd., Oakland, CA 94603  
(510) 577-8819

SHOW THIS NUMBER ON ALL INVOICES, B/L, PACKAGES, SHIPPING MEMOS, AND CORRESPONDENCE.

132337  
132337

<b>VENDOR</b> 9175		<b>SHIP TO</b>		<b>P.O. DATE</b>	<b>AMENDED</b>
SAFETY KLEEN CONSULTING 2233 SANTA CLARA AVE., STE 7		AC TRANSIT 10626 E. 14TH STREET		07-25-00	07-17-00
ALAMEDA, CA 94501-0000		OAKLAND, CA 94603-0000		<b>NEEDED BY</b>	10-31-00
<b>TERMS</b>		<b>BID INFO</b>		<b>COMMENTS</b>	
NET 30 DAYS		INFORMAL BID <input type="checkbox"/> FORMAL BID <input type="checkbox"/> Y <input checked="" type="checkbox"/>		SR#83170 (PATTON) AND 2-ADD ADD'L TASKS LAW ALA.CO. HCS LTR DTD 5/24/00. [REDACTED] JMS	
<b>CONFIRMING TO</b>		<b>CLOSED</b>		<b>FOB</b>	<b>SHIPPING POINT</b>
BRAD WRIGHT FAX: 510-337-9335				VIA	BEST WAY

LINE TYPE	QTY	AC NBR	PART NO.	UNITS	UNIT PRICE	EXTENDED PRICE	STAT
PART DESCRIPTION				PO/RQST	WOL/N	ORG ACCOUNT TASK GRANT	ORD#
01	GS	1	950305	3RD QUARTER TEST	JOB	2,575.00	OP
				GROUND WELL WATER TESTING	51404	2711 50394 CAP	0975
02	GS	1	950305	4 QUARTER TEST	JOB	1,800.00	OP
				GROUND WELL WATER TESTING	514014	2711 50394 CAP	0975
03	GS	1	950305	1ST QUARTER TEST	JOB	1,800.00	OP
				GROUND WELL WATER TESTING	51404	2711 50394 CAP	0975
04	GS	1	950305	2ND QUARTER TEST	JOB	1,800.00	OP
				GROUND WELL WATER TESTING	51404	2711 50394 CAP	0975
05	GS	1	950305	TEST ADD'L SAMP.	JOB	236.00	OP
				ANALYZE SAMPLES BY EPA 8020	83147	2711 50394 041	
06	GS	1	950305	ADDITIONAL WELLS	JOB	1,910.00	OP
				DEVELOP & SAMPLE WELLS W1 & W4	83147	2711 50394 041	
07	GS	1	950305	INVESTIGATE	JOB	900.00	OP
				LOCATE WELLS W2 AND W3	83147	2711 50394 041	
08	GS	1	950305	REPORTING	JOB	200.00	OP
				DATA ANALYSIS FOR ADD'L TASKS	83147	2711 50394 041	
09	GS	1	950305	MEETINGS	JOB	2,529.00	OP
				WORKPLANS & AGENCY MEETINGS	83170	2711 50394 041	
10	GS	1	950305	ABANDON & REPAIR	JOB	568.00	OP
				ABANDON W-2/MODIFY WELL W-3	83170	2711 50394 041	

SERVICES	
MATERIALS	
SALES TAX	
TOTAL	

Seller warrants that the price set forth in this purchase order conforms in every respect to the requirements of Executive Orders No. 11818, 11827, 11896 and 11723, or any revisions or amendments thereto.

1. MAIL 8 COPIES OF INVOICE TO: P.O. BOX 28807, OAKLAND, CA 94603
2. NO DELIVERIES ACCEPTED SATURDAYS, SUNDAYS, OR HOLIDAYS, NOR AFTER 2:00 P.M. WEEKDAYS
3. YOUR ACCEPTANCE OF THIS ORDER MEANS YOUR COMPLIANCE WITH CONDITIONS SHOWN ON REVERSE SIDE OF THIS ORDER.
4. THE DISTRICT LIMITS ITS LIABILITY TO THE TOTAL AMOUNT OF THIS PURCHASE ORDER.

**PURCHASE ORDER**



SHOW THIS NUMBER ON ALL INVOICES, B/L, PACKAGES, SHIPPING MEMOS, AND CORRESPONDENCE.

132337  
132337

VENDOR 9175		SHIP TO		P.O. DATE	AMENDED
SAFETY KLEEN CONSULTING 2253 SANTA CLARA AVE., STE 7		AC TRANSIT 10626 E. 14TH STREET		07-25-00	07-17-00
ALAMEDA, CA 94501-0000		OAKLAND, CA 94603-0000		NEEDED BY	10-31-00
TERMS		BID INFO		PRIORITY	NORMAL
NET 30 DAYS		INFORMAL BID <input type="checkbox"/> FORMAL BID <input type="checkbox"/>		COMMENTS	
CONFIRMING TO		CLOSED		FOB	SHIPPING POINT
BRAD WRIGHT FAX: 510-333-9335				VIA	BEST WAY

LINE TYPE	QTY	AC NBR	PART NO.	UNITS	UNIT PRICE	EXTENDED PRICE	STAT
PART DESCRIPTION				PO/RQST	WO/LN	ORG ACCOUNT TASK GRANT ORD#	
11	GS	2	950305	GR. WATER SAMPLES	LOY	1,847.00	DP
				INSTALL 4 BORINGS-COLLECT SAMP	83120	2211 50394 041	
12	GS	1	950305	ADDITIONAL WELLS	JOB	1,877.00	DP
				LOCATE 2 MONITOR WELLS	83170	2711 50394 041	
13	GS	1	950305	ADD'L SAMPLES	JOB	548.00	DP
				SAMP./TEST WATER-FROM NEW WELL	83170	2711 50394 041	
14	GS	1	950305	ADD'L REPORTING	JOB	814.00	DP
				3RD QTR RPT: INCLUDE NEW WELLS	83170	2711 50394 041	

SERVICES	19,904.00
MATERIALS	0.00
SALES TAX	0.00
TOTAL	19,904.00

Seller warrants that the price set forth in this purchase order conforms in every respect to the requirements of Executive Orders No. 11615, 11627, 11695 and 11723, or any revisions or amendments thereto.

1. MAIL 3 COPIES OF INVOICE TO: P.O. BOX 28507, OAKLAND, CA 94604
2. NO DELIVERIES ACCEPTED SATURDAYS, SUNDAYS, OR HOLIDAYS NOR AFTER 2:00 P.M. TUESDAYS
3. YOUR ACCEPTANCE OF THIS ORDER MEANS YOUR COMPLIANCE WITH CONDITIONS SHOWN ON REVERSE SIDE OF THIS ORDER
4. THE DISTRICT LIMITS ITS LIABILITY TO THE TOTAL AMOUNT OF THIS PURCHASE ORDER

*Handwritten signature*

Purchasing and Materials Management  
PAGE 2 OF 3

*Handwritten initials*

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

StID 1232

February 2, 2000

Ms. Suzanne Patton  
AC Transit  
10626 E 14<sup>th</sup> Street  
Oakland, CA 94603

**RE: QMR for 1177 47<sup>th</sup> Street, Emeryville, CA**

Dear Ms. Patton:

I have completed review of Safety-Kleen Consulting's January 2000 *Groundwater Monitoring* report prepared for the above referenced site. That report documented groundwater sampling of onsite wells MW-1 through MW-10. Total petroleum hydrocarbon as diesel (TPHd) was detected in all wells. BTEX was detected in wells MW-6 and MW-7.

At this time, please continue with quarterly groundwater monitoring at the site. Quarterly monitoring reports (QMRs) are due 60 days upon completion of field activities. Future QMRs should also include laboratory analytical data, QA/QC, and field notes. Groundwater should be analyzed for TPHg, TPHd, TPHmo, BTEX, and MTBE. The next sampling event should be in February 2000. If Wells W1, W2 and W3 have not been decommissioned, groundwater from these wells should also be sampled and monitored on a quarterly basis.

This office is also expecting to receive a report document the removal of USTs in December 1999 and any reports of follow-up investigations conducted for the diesel release into Temescal Creek.

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

eva chu  
Hazardous Materials Specialist

c: Brad Wright, Safety-Kleen, 2233 Santa Clara Avenue, Alameda, CA 94501

white - env. health  
 yellow - facility  
 pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH  
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy  
 Alameda CA 94502  
 510/567-6700

II, III

Site ID # \_\_\_\_\_ Site Name Ac Transit Today's Date 12/20/99

Site Address 1177 47<sup>th</sup> St.

City Emeryville Zip 94 Phone \_\_\_\_\_

\_\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

**Inspection Categories:**

\_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

III. Under ground Storage Tanks Removal

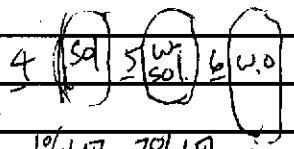
\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**Comments:**

Tank 1 Motor Oil 8K 5%LEL; 12%O2 6 USTs - all double-walled  
700 gravel backfill.

Tank 2 ATF 8K 0%LEL; 12%O2 Tank 1, 2, 3, 4, 5, 6 all appear  
structurally intact. Some

Tank 3 Motor Oil 8K 0%LEL; 12%O2 staining at the west end of the  
W.O. tank



Oil globules noted in groundwater beneath  
each tank. Most severe was beneath  
W.O. tank. water will be pumped tomorrow (8 AM)  
(Pump out ~ 4500 gallons - slight sheen  
still noted on surface of water)

(TPH standard / mineral spirit; diesel, motor oil, ATF), Sulfur metals  
and HVOc (8010)

6W sample collected from below West Fresh oil UST at 6.5' bgs  
and below ATF tank. Analyze for TPH, BTEX, MTBE, TEPT,  
Vent lines below grade will be grouted in place  
Product line will be removed but 2ndary containment will  
remain in place

SS collect beneath each W.O. remote fill line.

Contact Joel Greger  
 Title Geo Logic  
 Signature Joel Greger

Inspector ESA Chy  
 Signature [Signature]

II, III

white -env.health  
yellow -facility  
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

II, III

Site ID # \_\_\_\_\_ Site Name Ac Forest Today's Date 8/20/04

Site Address 1777 17th St

City Berkeley Zip 94 Phone \_\_\_\_\_

\_\_\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

**Inspection Categories:**

\_\_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

\_\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

\_\_\_\_\_ III. Under ground Storage Tanks Under

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**Comments:**

Tank 1 (circled) 0% HCl, 5% H<sub>2</sub> Tank 1, 2, 3, 4, 5 & 6 are empty  
Tank 2 (circled) 2% HCl, 12% H<sub>2</sub> & recently contact  
Tank 3 (circled) 0% HCl, 12% H<sub>2</sub> 50% of the rest of the  
All cylinders used in gym bags, beneath  
and back most were from the  
United States and the remaining (2 Am)  
(2 Am) were from Mexico (1 Am)  
(1 Am) were from Canada (1 Am)  
(1 Am) were from the UK (1 Am)  
(1 Am) were from the UK (1 Am)  
(1 Am) were from the UK (1 Am)  
(1 Am) were from the UK (1 Am)

II, III

Contact \_\_\_\_\_  
Title \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector \_\_\_\_\_  
Signature \_\_\_\_\_

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 ENVIRONMENTAL HEALTH SERVICES  
 1131 HARBOR BAY PARKWAY, RM 250 ENVIRONMENTAL  
 ALAMEDA, CA 94502-6577 PROTECTION  
 PHONE # 510/567-6700

99 DEC -7 AM 10:21

ACCEPTED

Underground Storage Tank Closure Permit Application  
 Alameda County Division of Hazardous Materials  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to ensure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.  
 One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.  
 Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspectors Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

\*\*\*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS\*\*\*

Contact Specialist:

*Robert Weston*

DEC 09 1999

UNDERGROUND TANK CLOSURE PLAN

\* \* \* Complete plan according to attached instructions \* \* \*

1. Name of Business AC TRANSIT  
 Business Owner or Contact Person (PRINT) SUZANNE PATTON
2. Site Address 1177 47TH ST.  
 City EMERYVILLE Zip 94608 Phone (510)891-4928
3. Mailing Address 1600 FRANKLIN ST.  
 City OAKLAND Zip 94612 Phone (510)577-8869
4. Property Owner AC TRANSIT  
 Business Name (if applicable) AC TRANSIT  
 Address 1600 FRANKLIN ST.  
 City, State OAKLAND, CA Zip 94612
5. Generator name under which tank will be manifested  
AC TRANSIT  
 EPA ID# under which tank will be manifested CA D 9 8 1 3 8 9 5 4 7

6. Contractor PARADISO MECHANICAL  
Address 2600 WILLIAMS ST.  
City SAN LEANDRO Phone (510)614-8390  
License Type BC8 C10 C61/D23 HAZA ID# 677909
7. Consultant (if applicable) \_\_\_\_\_  
Address \_\_\_\_\_  
City, State \_\_\_\_\_ Phone \_\_\_\_\_
8. Main Contact Person for Investigation (if applicable)  
Name SUZANNE PATTON Title ENVIRONMENTAL ENGINEER  
Company AC TRANSIT  
Phone (510)577-8869
9. Number of underground tanks being closed with this plan SIX  
Length of piping being removed under this plan 600'  
Total number of underground tanks at this facility (\*\*confirmed with owner or operator) 15
10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**\*\* Underground storage tanks must be handled as hazardous waste \*\***

a) Product/Residual Sludge/Rinsate Transporter

Name ECI EPA I.D. No. CAD 982030173  
Hauler License No. 1533 License Exp. Date MAY-2000  
Address 255 PARR BLVD.  
City RICHMOND State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name ROMIC ENVIRONMENTAL EPA ID# CAD 009452657  
Address 2081 BAY RD.  
City EAST PALO ALTO State CA Zip 94303



c) Tank and Piping Transporter

Name ECI EPA I.D. No. CAD 982030173  
Hauler License No. 1533 License Exp. Date MAY-2000  
Address 255 PARR BLVD.  
City RICHMOND State CA Zip 94801

d) Tank and Piping Disposal Site

Name ECI EPA I.D. No. CAD 009466392  
Address 255 PARR BLVD.  
City RICHMOND State CA Zip 94801

11. Sample Collector

Name JOEL GREGER  
Company GEO-LOGIC  
Address 1140 5TH AVE.  
City CROCKETT State CA Zip 94525 Phone (510)787-6867

12. Laboratory

Name CAL COAST ANALYTICAL  
Address 4072 WATTS ST.  
City EMERYVILLE State CA Zip 94608  
State Certification No. 1236

13. Have tanks or pipes leaked in the past? Yes [ ] No [] Unknown [ ]

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank(s) inert:

TANK WILL BE EMPTIED OF ALL PUMPABLE PRODUCT,  
RINSED AND PUMPED AGAIN. SOLID CO<sub>2</sub> PELLETS (DRY ICE)  
WILL BE ADDED AT RATE OF 25#/1000 GALLONS OF TANK CAPACITY

Before tanks are pumped out and inerted, all associated piping must be flushed back into the tank(s). All accessible piping must then be removed. Inaccessible piping must be permanently plugged using grout.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to have a functional combustible gas indicator on-site to verify that the tank(s) is inerted.

15. Tank History and Sampling Information \*\*\* (see instructions) \*\*\*

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
D2-9/8000	12/98         	GROUNDWATER   SOIL	SOIL SAMPLE FROM EACH WALL OF EXCAVATION AT WATER INTERFACE (TOTAL OF 4 SAMPLES) TWO WATER SAMPLES WILL BE TAKEN FROM EXCAVATION
D2-10/8000			
D2-11/8000			
D2-12/4000			
D2-13/3000			
D2-14/3000			

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

Excavated/Stockpiled Soil

Stockpiled Soil Volume  
(estimated)

250 - 300 CUBIC YARDS

Sampling Plan

ONE GRAB SAMPLE PER  
100 CUBIC YARDS

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [] yes [ ] no [ ] unknown

If yes, explain reasoning SITE CONTAMINATION DUE TO  
REPLACEMENT OF EXCAVATED MATERIAL UNLIKELY

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from this office. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling activities.

16. Chemical methods and associated detection limits to be used for analyzing samples:

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPHG TPHD BTEX MTBE TPH-STANDARD ETHYLENE GLYCOL LUFT 5 PCB, PCP O+G	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; width: fit-content; margin: 0 auto;"> <del>TO BE DETERMINED</del> </div>        8. HVOCS SVOCS		

18. Submit Worker's Compensation Certificate copy

Name of Insurer MEIER COMMERCIAL INSURANCE

19. Submit Plot Plan **\*\*\* (See Instructions) \*\*\***

20. Enclose Deposit (See Instructions)

21. Report all leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one-B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

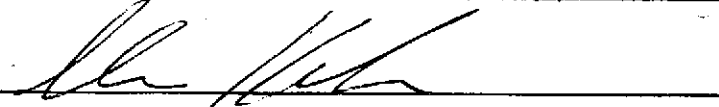
I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business PARADISO MECHANICAL

Name of Individual SHAW KAWAKAMI

Signature  Date 12-6-99

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business \_\_\_\_\_

Name of Individual \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

## INSTRUCTIONS

### General Instructions

- \* Three (3) copies of this plan plus attachments and a deposit must be submitted to this Department.
- \* Any cutting into tanks requires local fire department approval.
- \* One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- \* State of California Permit Application Forms A and B are to be submitted to this office. One Form A per site, one Form B for each removed tank.

### Line Item Specific Instructions

2. SITE ADDRESS  
Address at which closure is taking place.
5. EPA I.D. NO. under which the tanks will be manifested  
EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781.
6. CONTRACTOR  
Prime contractor for the project.
10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
  - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
  - c) Tanks must be hauled as hazardous waste.
  - d) This is the place where tanks will be taken for cleaning.
15. TANK HISTORY AND SAMPLING INFORMATION  
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.  
  
Material to be sampled - e.g. water, oil, sludge, soil, etc.  
  
Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

ENVIRONMENTAL  
PROTECTION

99 DEC -7 AM 10: 21

STATE OF CALIFORNIA  
STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD

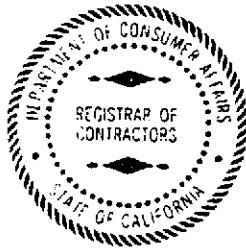


*Building Quality*



# HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.



Qualifier: Paul Anthony Paradiso

License No.: 677909

Business Name: Paradiso Mechanical, Inc.

WITNESS my hand and official seal this  
4th day of November, 1993

*David R. Phillips*  
Registrar of Contractors

ISL-36 (12/91)

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A 5933

**PERMIT**

Permit Issued To

(Insert Employer's Name, Address and Telephone No.)

Paradiso Mechanical Inc 2600 Williams St San Leandro CA 94577-3153  (510) 614-8390
--

No.	_____
Date	12/6/98
Region	1
District	4
Tel.	(510) 568-8602

Type of Permit T1-ANNUAL TRENCH/EXCAVATION

Pursuant to Labor Code Sections 6500 and 6502, this Permit is issued to the above-named employer for the projects described below.

State Contractor's License Number		677909		Permit Valid through		December 31, 1999	
Description of Project	Location Address	City and County	Anticipated Dates				
			Starting	Completion			
Various	Statewide		1/1/99	12/31/99			

**This Permit is issued upon the following conditions:**

1. That the work is performed by the same employer. If this is an annual permit the appropriate District Office shall be notified, in writing, of dates and location of job site prior to commencement.
2. The employer will comply with all occupational safety and health standards or orders applicable to the above projects, and any other lawful orders of the Division.
3. That if any unforeseen condition causes deviation from the plans or statements contained in the Permit Application Form the employer will notify the Division immediately.
4. Any variation from the specification and assertions of the Permit Application Form or violation of safety orders may be cause to revoke the permit.
5. This permit shall be posted at or near each place of employment as provided in 8 CCR 341.4

Received From		Received By	
Eric Montesano		Permit Unit	
<input type="checkbox"/> Cash	Amount	Date	
<input checked="" type="checkbox"/> Check 697	\$100.00	12/6/98	

Investigated by	_____	Safety Engineer	Date
Approved by	<i>H. J. ...</i>	Permit Unit	12/6/98
			Date



**AACORD** **GENERAL LIABILITY INSURANCE** DATE (MM/DD/YY) 1/5/89

**PRODUCER**  
MEIER COMMERCIAL INSURANCE  
11 EMBARCADERO WEST, SUITE 133  
OAKLAND, CA 94607  
(510) 893-1222 FAX (510) 594-9470

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

- COMPANIES AFFORDING COVERAGE**
- COMPANY A
  - COMPANY B
  - COMPANY C
  - COMPANY D INDUSTRIAL INDEMNITY COMPANY

**INSURED**  
PARADISO MECHANICAL, INC  
P.O. BOX 1838  
SAN LEANDRO, CA 94577

**COVERAGES**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT				GENERAL AGGREGATE \$ PRODUCTS - COMP/CP AGG \$ PERSONAL & ADV INJURY \$ EACH OCCURRENCE \$ FIRE DAMAGE (Any one fire) \$ MED EXP (Any one person) \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EACH ACCIDENT \$ AGGREGATE \$
	<b>EXCESS LIABILITY</b> <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$
D	<b>WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY</b> THE PROPRIETOR/PARTNER/EXECUTIVE OFFICERS ARE <input type="checkbox"/> INCL <input type="checkbox"/> EXCL	JY521043-1	1/01/89	1/01/00	X   STATUTORY LIMITS EACH ACCIDENT \$ 1,000,000 DISEASE - POLICY LIMIT \$ 1,000,000 DISEASE - EACH EMPLOYEE \$ 1,000,000
	OTHER				10 DAY NOTICE OF CANCEL FOR NON-PAYMENT OF PREMIUM

DESCRIPTION OF OPERATIONS/LOCATION/VEHICLES/SPECIAL ITEMS  
RE: ALL CALIFORNIA OPERATIONS PERFORMED BY NAMED INSURED.

**CERTIFICATE HOLDER** **CANCELLATION**

**INSURED'S COPY**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE  
ANITA TONI MEIER *Toni Meier*



State of California  
CONTRACTORS STATE LICENSE BOARD  
ACTIVE LICENSE



License Number **677909**

Entity **CORP**

Business Name **PARADISO MECHANICAL INC**

Classification(s) **B C-8 C10 C61/D23 HAZ A**

Expiration Date **09/30/2001**

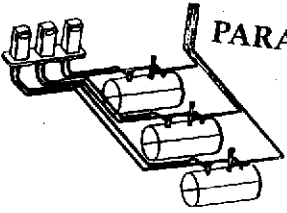


ADISO MECHANICAL, INC. 2600 WILLIAMS STREET, SAN LEANDRO, CA 94577

Environmental Health Permit for Alameda County

033652

Job #573 Other 425



**PARADISO MECHANICAL, INC.**

GENERAL & PETROLEUM CONTRACTORS  
and ENVIRONMENTAL SERVICES

P.O. BOX 1838  
2600 WILLIAMS STREET  
SAN LEANDRO, CA 94577

LICENSE NO. 677909  
PHONE (510) 614-8390  
FAX (510) 614-8398

WELLS FARGO BANK  
91-4288-1210

033652

CHECK NO.  
33652

DATE

AMOUNT

\*\*Two thousand two hundred eighty dollars and no/cents\*\*

12-06-99

\*\*\$2,280.00\*\*

Treasurer of Alameda County  
1131 Harbor Bay Pkwy #250  
Alameda, CA 94502-6577

PARADISO MECHANICAL, INC.

*[Handwritten Signature]*

⑈033652⑈ ⑆121042882⑆0588432336⑈

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Security features included. Details on back.

ENVIRONMENTAL  
PROTECTION

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S I T E   H E A L T H

&

S A F E T Y   P L A N

AC TRANSIT  
1177 47<sup>TH</sup> STREET  
EMERYVILLE, CA

PARADISO PROJECT #99-573

EMERGENCY INFORMATION

IN CASE OF AN EMERGENCY, USE THIS SHEET

EMERGENCY PHONE NO:

911

SITE ADDRESS:

AC TRANSIT  
1177 47<sup>TH</sup> STREET  
EMERYVILLE, CA

SITE LOCATION

(SEE ATTACHED MAP)

# C O N T E N T S

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## 1.0 INTRODUCTION

This Health & Safety Plan is based on the work plan activities and the requirements of Title 29 of the Code of Federal Regulations, Section 1910.120 (29 CFR 1910.120).

## 2.0 WORK ACTIVITIES

The following subsections provide a description of the various work performed at the site, as well as health and safety hazards associated with each task.

### 2.1 SITE SECURITY

Access during all on-site activities will be restricted to authorized personnel. All personnel and authorized visitors must contact the Site Foreman/Safety Coordinator prior to entering and exiting the site.

### 3.0 ON-SITE ORGANIZATION

Each person shall be responsible for following the Health and Safety Plan's guidelines at the site. The Safety Officer is the appointed Foreman and his duties are as follows:

- Ensure that the Health and Safety Plan is implemented;
- Conduct "tailgate" meetings on a weekly basis and document items discussed;
- Conditions may change on site. Determine extent and conduct "tailgate" meetings on a basis that relates to conditions on site. Document items discussed.
- Stop work if the health and safety of workers is in question;
- Observe workers for signs and symptoms of exposure or heat stress;
- Evaluate the effectiveness of the personal protective equipment program on an ongoing basis and upgrade the program as needed;
- Inform the Field Supervisor of any deficiencies or changes in health and safety practices;
- Perform daily review of the work practices and compliances with this Health and Safety Plan;

- Determine exclusion zones and assign personnel duties at each zone in case of an emergency;
- Prevent unauthorized personnel or equipment from entering the exclusion zones;

All essential and nonessential personnel entering or exiting any of the exclusion zones must comply with health and safety practices and procedures described in this Health and Safety Plan.

### 3.1 PROJECT CONTACTS

Unanticipated occurrences at the site must be reported to the following personnel as soon as possible

- ERIC V. MONTESANO, Safety Coordinator                      510-614-8390  
Paradiso Mechanical, Inc.  
San Leandro, CA 94577
- PAUL PARADISO, Project Manager                                      510-614-8390  
Paradiso Mechanical, Inc.  
San Leandro, CA 94577

### HEALTH AND SAFETY HAZARDS

Health and safety concerns on site may consist of:

- Chemical hazards:
  - Diesel, Gasoline, Benzene, Toluene, Ethyl Benzene and Xylenes.
- Physical hazards:
  - Operation of heavy equipment;
  - Semi-Trucks/Automobiles and other vehicle traffic;
  - Excavation pits/trenches;
  - Underground electrical, water and sewer lines.

### 3.3 HAZARD ANALYSIS

To the best of our knowledge, the property previously operated gasoline, diesel, and waste oil tanks. Historic data and evaluation of subsurface data indicates the presence of elevated levels of petroleum hydrocarbons.

### 3.4 EXPOSURE PREVENTION AND SAFETY REQUIREMENTS

This section describes the hazard and danger of exposure to chemicals and physical hazards present at the site. Possible



contingency plans and safety requirements are also presented on this section.

3.4.1 HAZARD EXPOSURE GUIDELINES

Substances	CAL OSHA PEL	1990-91 ZSVHOJ/ TLV
Benzene	1 ppm (TWA) 25 ppm (Ceiling)	1 ppm (TWA)
Toluene	100 ppm (TWA) 150 ppm (STEL)	100 ppm (TWA) 150 ppm (STEL)
Ethylbenzene	100 ppm (TWA) 125 ppm (STEL)	100 ppm (TWA) 125 ppm (STEL)
Xylene	100 ppm (TWA) 150 ppm (STEL)	100 ppm (TWA) 150 ppm (STEL)
Gasoline	300 ppm (TWA) 500 ppm (STEL)	300 ppm (TWA) 500 ppm (STEL)
Oil Mist	5 mg/m3 (TWA) 10 mg/m3 (STEL)	5 mg/m3 (TWA) 10 mg/m3 (STEL)
Petroleum Distillates	400 ppm (TWA)	400 ppm (TWA)

3.4.2 DIESEL & GASOLINE FUEL HAZARDS

A. Eye and skin exposure hazards: irritant

In case of exposure:

- Remove contaminated clothing and shoes;
- Flush affected areas with plenty of water for a minimum of 15 minutes;
- IF IN EYE, hold eyelids open and flush with plenty of water for a minimum of 15 minutes;
- If irritation or discomfort continues, seek medical aid immediately.

B. Internal exposure hazards: Harmful if swallowed.

In case of exposure:

- Seek medical attention;

- If victim is CONSCIOUS have victim drink water or milk;
- DO NOT INDUCE VOMITING.

C. Fire hazards: Combustible

Since flammable or combustible vapors are likely to be present, all potential sources of ignition must be eliminated. Caution must be taken to prevent the discharge of static electricity and to prevent accumulations of vapor at ground level. A combustible gas indicator should be used continuously to check hazardous vapor concentrations, lower explosive limit (LEL). Alarm of the combustible gas indicator should be set at 20% of LEL. Under alarm conditions, all work activities will cease and the area will be evacuated until the combustible vapor concentration can be controlled below 20% of the LEL. All open flame or spark-producing equipment in the area should be shut down and any electrical equipment used must be explosion proof.

In case of fire:

- Extinguish with dry chemical, foam or carbon dioxide.
- If fire cannot be extinguished within 30 seconds, call Fire Department immediately.
- Water may be ineffective on fire.

#### 3.4.3 TRAFFIC HAZARDS

Stay at least 10 feet away from moving equipment. If closer than 10 feet:

- 1) Keep equipment in sight at all times;
- 2) Inform the operator of your location at all times.

The working area will be closed to traffic with barricades, caution tape, cones and other traffic control equipment. If the area cannot be barricaded, a flagperson will be assigned to direct traffic.

No unauthorized or unessential vehicles will be allowed to enter the barricaded area.

#### 3.4.4 OPEN EXCAVATION PIT HAZARDS

Open excavation pits shall be clearly marked and barricaded. No confined space entry will be allowed. If a person falls into an open pit:

- DO NOT ENTER THE EXCAVATION PIT.
- If the person is conscious and can move, lower a ladder into the pit so that the person can climb out.
- If the person is unconscious, call the Fire Department.

#### 3.4.5 UNDERGROUND POWER LINE HAZARDS

Call U.S. Alert at least 3 days before commencing excavation work. The owner will identify aboveground structures and utilities and will provide as-built blueprints for contractor use prior to start of project. If the location of underground utilities such as water, sewer or electrical lines is still unclear, the contractor will obtain the service of a utility location company before beginning any excavation. An area for excavated soil stockpile will be provided adjacent to the excavation.

If a power line is discovered or damaged during the work:

- Stop all activities.
- Stop all engines, mechanical and electrical equipment.
- Call Utility Company/U.S. Alert immediately.  
(U.S. Alert - 1-800-642-2444)

In case of electrical injury:

- Shut off the source of electrical power before attempting rescue or treatment.
- Seek professional electrical personnel (Fire Department) to assist in rescue.
- Beware of, and expect, live electrical currents.

#### 3.4.6 PERSONNEL SAFETY EQUIPMENT

The following personal protective equipment will be required AT ALL TIMES:

- Hard Hat
- Steel-toed shoes
- Safety glasses
- Nitrile gloves (required for personnel who will come in contact with soil or groundwater).

The following personal protective equipment will be optional or required as the need arises:

- Hearing protection equipment
- Coveralls - disposable (Tyvek), or fabric (any chemical protective needs).
- Gloves

Additional protection requirements are described in Section 6.0.

### 3.4.7 GENERAL SAFETY EQUIPMENT

The following equipment must be available and easily accessible for use:

- First Aid Kit
- Fire extinguishers (Foam, dry chemical or carbon dioxide)

Each company vehicle is equipped with the following items:

- First Aid Kit
- Fire Extinguisher
- "Stop/Slow" traffic signs
- Warning Triangle/Flare Kit

### 4.0 TRAINING

All personnel who may be exposed to onsite contaminants must provide documentation of the following:

- Current certification of 40 hours of (OSHA) classroom instruction/hands-on training to include:
- Three days of field experience under the supervision an experienced supervisor.
- Eight hours of annual classroom refresher training.
- Eight hours of supervisory training if a team member is a designated supervisor.
- Hazard communications training.

### 5.0 PROJECT-SPECIFIC TRAINING

Project-specific training and information will be provided either before traveling to the site or at the site before entry into the exclusion zone. The information and training will be documented and will include the following:

- The contents of this Health and Safety Plan
- A discussion of the health and safety hazards; protective measures and work practices for handling contaminated soil, water or equipment.

6.0

LEVELS OF PROTECTION FOR EACH WORK ZONE

Protective equipment has been selected for use in each work zone based on anticipated hazards. Specific protective equipment requirements are as follows:

- Exclusion zone - Level D protection will be required within the exclusion zone for any workers engaged in sample collection or other activities on site. Level D protection will include a hard hat, steel-toed boots, safety glasses, hearing protection, and Nitrile gloves. Coveralls are optional but recommended.
- Level C protection will be required if PID readings exceeding 100 ppm total volatile organics over background concentration are recorded in the workers breathing zone. Level C protection will consist of disposable Tyvek coveralls, steel-toed boots, chemical resistant boot covers, splash goggles, chemical resistant disposable gloves (inner) and chemical resistant outer gloves. MSHA/NIOSH approved half-face or full face air-purifying respirator with dual organic vapor cartridges.
- Support Zone - No specific requirements.

6.0.1

ASBESTOS

Protective Clothing: Whenever there is a need for removing material containing asbestos, Contractor shall provide the following protective clothing or equipment and respirators.

- Full body disposable coveralls;
- Disposable shoe covers & hood;
- Impermeable gloves;
- Approved half mask or full face respirator with HEPA filter cartridge as a minimum;
- All protective clothing shall be handled and disposed in accordance with the applicable laws.

Asbestos Caution signs shall be displayed at all entrances to the work area in accordance with applicable laws.

7.0

WASTE HANDLING AND DISPOSAL

The waste handling procedures discussed in the work plan will be followed. Waste generated by implementation of this Health and Safety program may include spent protective clothing such as Tyvek suits, gloves and wash and rinse solutions. Protective clothing will be collected in a lined container. Liquid wastes will be collected and pumped or poured into holding tanks with equipment decontamination rinsate.

8.0

PERSONAL INJURY

In case of a minor personal injury, general first aid procedures should be implemented. A first aid kit will be available at the site at all times. More serious injuries may require assistance from paramedics. The Field Foreman or another designated person will contact the appropriate emergency personnel by dialing 911. Field Foreman or another designated person will contact the Safety Coordinator immediately following contact of medical personnel.

9.0            EMERGENCY PHONE NUMBERS

HOSPITAL LOCATIONS ON NEXT PAGE

READICARE  
1350 OCEAN AVENUE  
EMERYVILLE, CA 94608  
510/652-5800

AMBULANCE	CALL 911
FIRE DEPARTMENT	CALL 911
POLICE DEPARTMENT	CALL 911

AGENCY TELEPHONE NUMBERS:

National Response Center  
800-424-8802

California Department of Health Services  
510 271-4320

Regional Water Quality Control Board  
510 286-1255

Bay Area Air Quality Management District  
415-771-6000

Environmental Protection Agency  
415-974-8076

Chemtrec  
800-424-9300

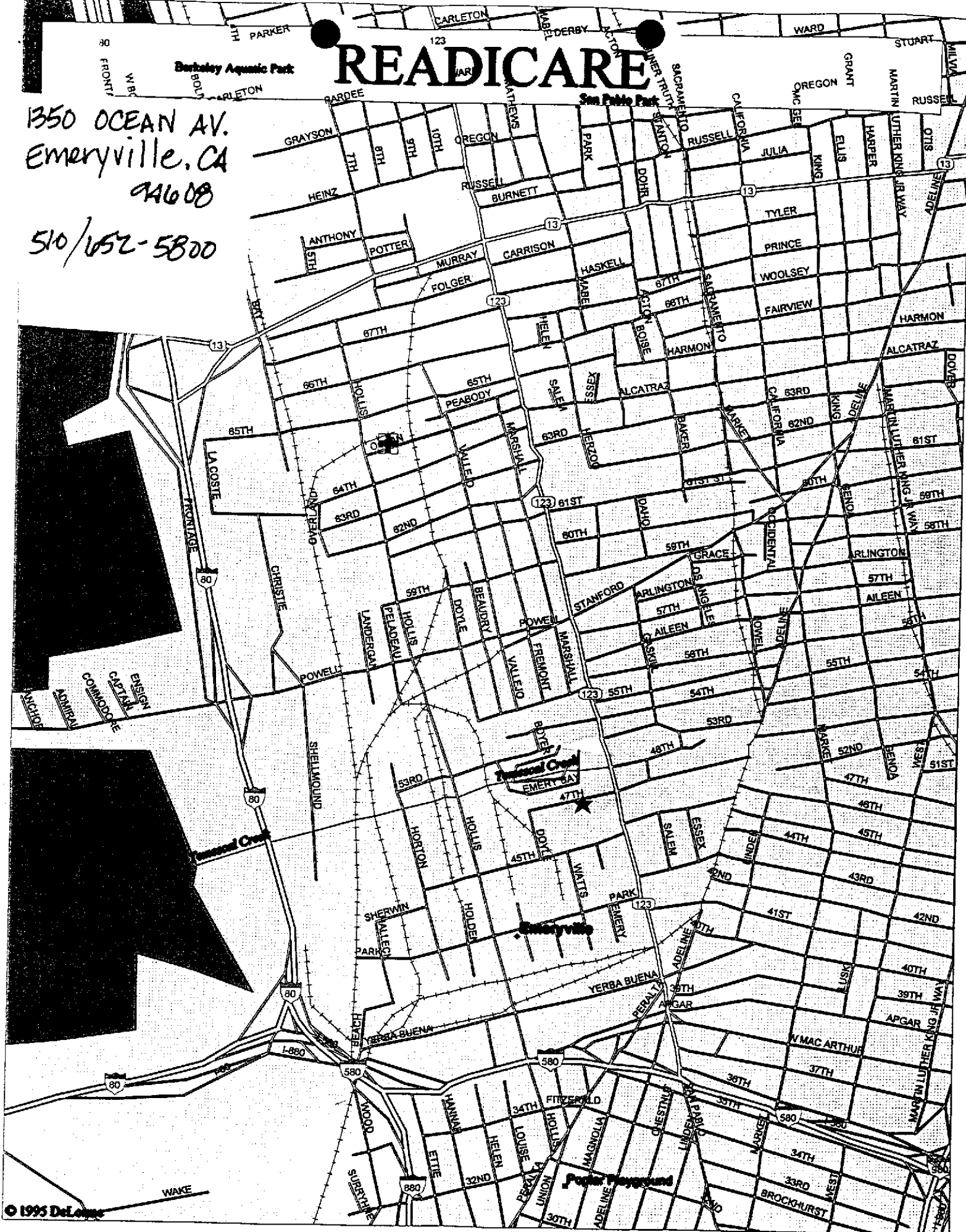
Department of Transportation  
510 286-4444

U.S. Alert Services  
800-642-2444



# READICARE

1350 OCEAN AV.  
Emeryville, CA  
94608  
510/652-5800



TO WHOM IT MAY CONCERN:

PARADISO MECHANICAL, INC. FIELD EMPLOYEES HAVE RECEIVED THE 40 HOUR TRAINING REQUIREMENT UNDER OSHA STANDARD 29CFR1910.120 HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE TRAINING. ALL FIELD EMPLOYEES COMPLETED SUCH TRAINING FROM THE OCCUPATIONAL HEALTH AND SAFETY GROUP, INC., SANTA CLARA, CALIFORNIA, AND RECEIVED CERTIFICATES FOR COMPLETION OF SUCH TRAINING. CERTIFICATES ARE LOCATED AT THE HEAD OFFICE.

JOB: AC TRANSIT #573  
1177 47<sup>TH</sup> STREET  
EMERYVILLE, CA

SIGNATURE SHEET

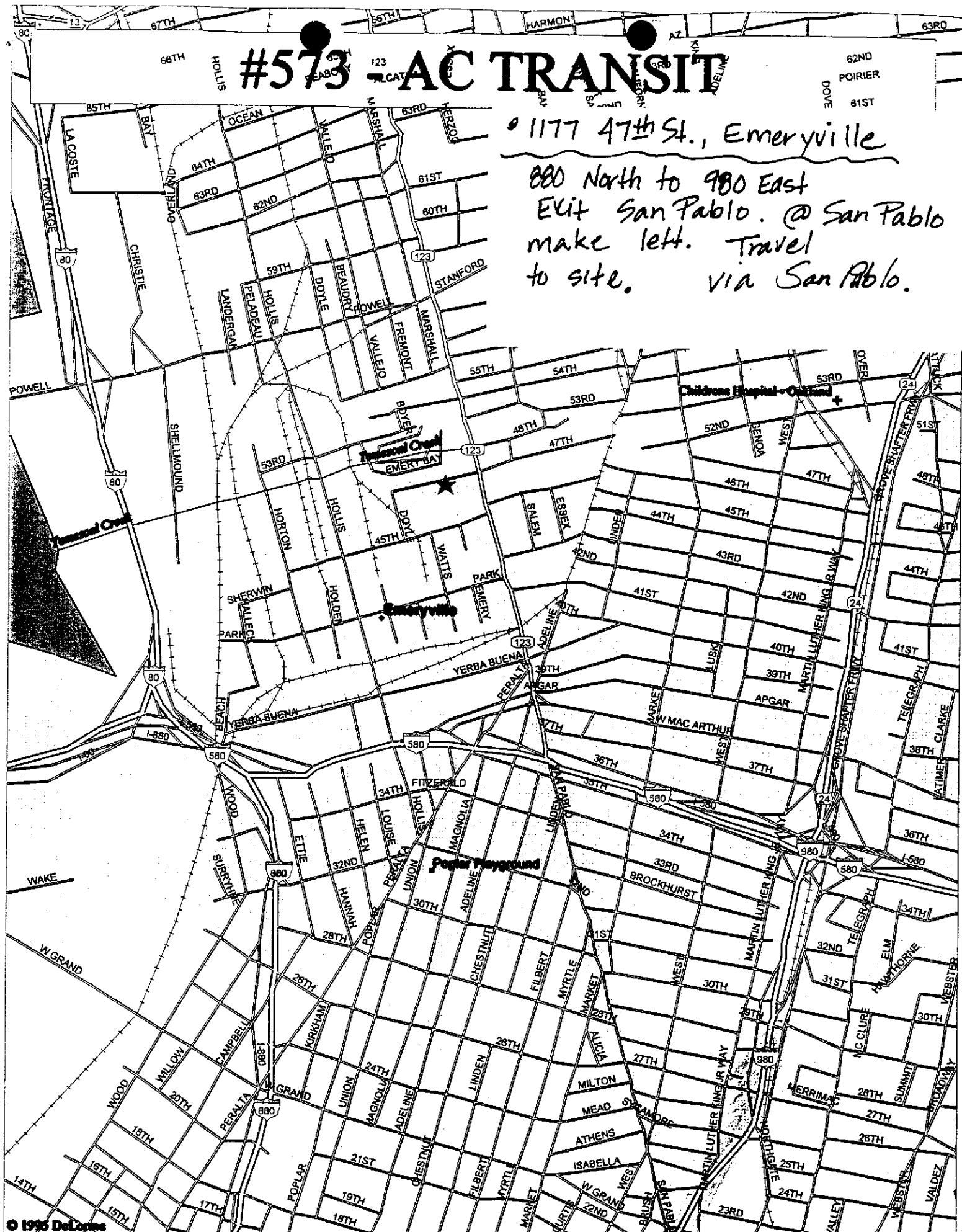
I have read the attached Site Health and Safety Plan  
for this project and understand the contents therein.

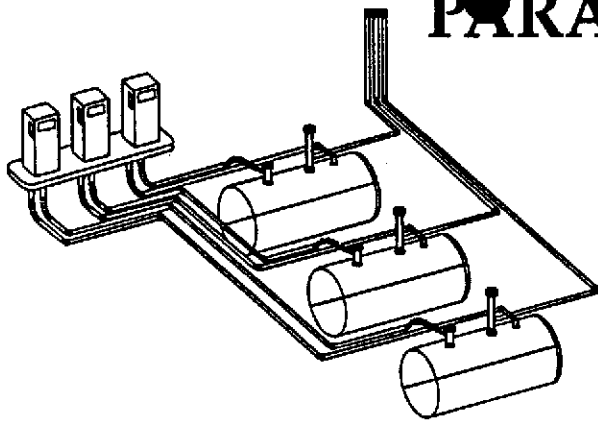
<u>NAME</u>	<u>DATE</u>
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# #573 - AC TRANSIT

• 1177 47th St., Emeryville

880 North to 980 East  
Exit San Pablo. @ San Pablo  
make left. Travel  
to site. via San Pablo.





# PARADISO MECHANICAL, INC.

GENERAL & PETROLEUM CONTRACTORS  
and ENVIRONMENTAL SERVICES

P.O. BOX 1836  
2600 WILLIAMS STREET  
SAN LEANDRO, CA 94577

LICENSE NO. 677909  
PHONE (510) 614-8390  
FAX (510) 614-8396

December 6, 1999

Mr. Robert Weston  
ALAMEDA COUNTY HEALTH AGENCY  
DIVISION OF HAZARDOUS MATERIALS  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway, Room 250  
Alameda, CA 94502-6577

**RE: UST REMOVAL  
A.C. TRANSIT  
1177 47<sup>TH</sup> STREET  
EMERYVILLE**

Mr. Weston,

On behalf of A.C. Transit, I am submitting an application for a Permit to Remove (3) 8,000 gallon, (1) 4,000 gallon and (2) 3,000 gallon underground storage tanks at the site referenced above.

Enclosed are applications, site health & safety plan, our Contractor Information (3) sets of plans and a check for \$2,280.00 (two thousand two hundred eighty dollars and 00/100) for removal of (6) tanks.

Please contact me if any additional information is required at this time.

Very truly yours,  
Paradiso Mechanical, Inc.

Shaw Kawakami  
Permit Expeditor

enclosures

# AC Transit

Alameda-Contra Costa Transit District

10626 East 14th Street, Oakland, California

94603 ☐ (510) 577-8804

FAX ☐ (510) 577-8859

ENVIRONMENTAL  
PROTECTION

99 JUL -9 PM 2: 37



July 8, 1999

Ms. eva chu  
Alameda County Health Division  
Division of Environmental Protection  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, CA 94502

Dear Ms. chu:

Subject: Subsurface Investigation Reports for AC Transit, 1177 47th Street, Emeryville

In response to your request, AC Transit hereby submits the enclosed report, "Site Characterization and Conceptual Remedial Action Plan, Diesel leak at AC Transit, Emeryville." This report, prepared by Kaiser Engineers in 1989, summarizes the activities taken by AC Transit to investigate and cleanup the 1989 diesel fuel spill at the facility's fuel island. Also enclosed for your information is a copy of a letter sent to the Emeryville Public Works Department in 1994 from Mr. Patrick Rotell of AC Transit that states, "**AC Transit has not been involved with any work at Temescal Creek since the spill of 1989.**"

**Reports of quarterly ground water monitoring conducted since the 1989 incident cannot be found. AC Transit is currently soliciting proposals from environmental consulting firms so that quarterly ground water can be reinstated at the site. We anticipate that the first sampling event will be performed before the end of August 1999.**

If you have any questions regarding this information or other matters pertaining to this site, please call me at (510) 577-8869.

Sincerely,

Suzanne Patton, P.E.  
Environmental Engineer

SP/sp

enclosures

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

StID 1232

February 24, 1999

Ms. Suzanne Patton  
AC Transit  
10626 E 14<sup>th</sup> Street  
Oakland, CA 94603

**RE: Subsurface Investigation Reports for AC Transit, 1177 47<sup>th</sup> Street,  
Emeryville, CA 94608**

Dear Ms. Patton:

I have completed review of the case file for the above referenced site. Subsurface investigations were conducted at the Old Tank Farm, the Old Maintenance Building, and the Existing Diesel Tank Farm from 1986 through 1989. It appears that most of the hydrocarbon-impacted soils were removed from the Old Tank Farm and the Old Maintenance Building at that time. A significant diesel fuel release occurred at the Existing Diesel Tank Farm in 1989. The diesel release found it way into Temescal Creek. Areas of the creekbed which were contaminated were subsequently removed.

This office is not in receipt of any reports of follow-up or subsequent subsurface investigations conducted at the site and at Temescal Creek. Please submit any reports documenting final cleanup of Temescal Creek, recent subsurface activities at the existing diesel tank farm, and quarterly monitoring events conducted since 1989. In addition, quarterly monitoring/sampling should be re-instated for the site. Quarterly monitoring reports are due within 60 days upon completion of field work.

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

eva chu  
Hazardous Materials Specialist

# AC Transit

Alameda-Contra Costa Transit District

10626 East 14th Street, Oakland, California

94603 ☐ (510) 577-8804

FAX ☐ (510) 577-8859

PROTECTION  
98 NOV -6 PM 3:15



November 4, 1998

Mr. Rob Weston  
Alameda County Health Agency  
Division of Environmental Protection  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, California 94502

Dear Mr. Weston:

Subject: Underground Storage Tank Unauthorized Release (Leak)/  
Contamination Site Report, AC Transit, 1177 47<sup>th</sup> Street, Emeryville

Enclosed for your information is a completed Unauthorized Release (Leak)/  
Contamination Site Report for AC Transit's facility located at 1177 47<sup>th</sup> Street in  
Emeryville. During the installation of new fuel dispenser containment sumps at the fuel  
island, diesel fuel was discovered in the soil below the former dispensers. Affected soil  
was removed and will be disposed of at a permitted disposal facility.

If you have any questions regarding this matter, please call me at (510) 577-8869.

Sincerely,

Suzanne Patton, P.E.  
Environmental Engineer

SP/sp

Enclosure



# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM. <i>Robert Weston</i> 11-9-98 SIGNED _____ DATE _____
REPORT DATE 11/1/98	CASE #	

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT <b>SUZANNE PATTON</b>	PHONE <b>(510) 577-8869</b>	SIGNATURE <i>Suzanne Patton</i>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME <b>AC Transit</b>		
	ADDRESS <b>1177 47th Street</b> <b>Emeryville</b> <b>CA</b> <b>94608</b>			

RESPONSIBLE PARTY	NAME <b>AC Transit</b> <input type="checkbox"/> UNKNOWN	CONTACT PERSON <b>Suzanne Patton</b>	PHONE <b>(510) 577-8869</b>
	ADDRESS <b>10626 E. 14th Street</b> <b>Oakland</b> <b>CA</b> <b>94603</b>		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) <b>AC Transit</b>	OPERATOR <b>AC Transit</b>	PHONE <b>(510) 891-4928</b>	
	ADDRESS <b>1177 47th St.</b> <b>Emeryville</b> <b>Alameda</b> <b>94608</b>			
	CROSS STREET <b>San Pablo Avenue</b>			

IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME <b>Alameda County Health Agency</b>	CONTACT PERSON <b>Rob Weston</b>	PHONE <b>(510) 567-6700</b>
	REGIONAL BOARD <b>SFRWQCB</b>	<b>CITIZEN HEAD LBY</b>	PHONE <b>(510) 622-2433</b>

SUBSTANCES INVOLVED	(1) NAME <b>Diesel fuel</b>	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED <b>11/01/98</b>	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <b>pipe replacement for USTs</b>
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER <b>install dispenser pan</b>
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE <b>11/02/98</b>	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> PIPING LEAK <input checked="" type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> OTHER <b>leak</b>
--------------	--	---

CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
-----------	--

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY
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REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> VACUUM EXTRACT (VE)	<input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)	<input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> TREATMENT AT HOOKUP (HU)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VENT SOIL (VS)
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COMMENTS  
**CONTAMINATION DISCOVERED DURING MODIFICATIONS ON USTs FOR 12/22/98 COMPLIANCE.**  
*RW*

## ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

08/26/97

## UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL INSPECTOR: SH  
 StID: 1232 SUBSTANCE: 12034 -Diesel  
 SITE NAME: AC Transit DATE REPORTED : 07/15/88  
 ADDRESS : 1177 47th St DATE CONFIRMED: 07/17/88  
 CITY/ZIP : Emeryville, CA 94608 MULTIPLE RP's : N

CASE TYPE: 0 CONTRACT STATUS: 3 PRIOR:2B4 EMERGENCY RESPONSE:

RP SEARCH	: S	DATE END:	01/12/96
PRELIM ASSESSMENT	:	DATE BEGIN:	DATE END:
REMEDIAL INVESTIG	:	DATE BEGIN:	DATE END:
REMEDIAL ACTION	:	DATE BEGIN:	DATE END:
POST REMED MONITOR:	DATE BEGIN:	DATE END:	

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 01/12/96

## UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: 3HSCAW CASE CLOSED: on:

DT EXC START: 11/01/86 REMEDIAL ACTIONS TAKEN: ED

RP #1: CONTACT: Mr. Bruce King RP COST:  
 RP COMPANY NAME: AC Transit Ph:  
 ADDRESS: 10626 E. 14th Street  
 CITY/STATE: Oakland, California 94603

*8/26/97 Transfer case to B.O.*

Listing all LOP DAILY activities since 1991 for StID # 1232  
as of 08/26/97

Act91\_4  
Act92\_1  
Act92\_2  
Act92\_3  
Act92\_4  
Act92\_5  
Act93\_1  
Act93\_2  
Act93\_3  
Act93\_4  
Act94\_1  
Act94\_2  
Act94\_3  
Act94\_4  
Act95\_1  
Act95\_2  
Act95\_3  
Act95\_4  
Act96\_1

ActivDat	Insp	ACT	Activ	StID	ActCostF	acomment
01/12/96	SH	200	1.	1232	\$57.95	RP search, NOR sent out
01/22/96	SH	212	0.4	1232	\$23.18	talked to Bruce King re: investigation of wells on site
01/25/96	SH	210	2.	1232	\$123.70	on site, met with Bruce King (AC Transit), sampling all the on site wells
01/25/96	SH	215	1.5	1232	\$86.92	review files
01/31/96	BC	212	0.2	1232	\$9.90	sp with Bruce of AC Transit
02/01/96	SH	212	0.4	1232	\$23.18	talked to Bruce King (AC Transit)re: monitoring
02/02/96	SH	210	2.5	1232	\$152.67	on site, sampling wells, met with Bruce
03/04/96	SH	212	0.4	1232	\$23.18	talked to Bruce King re: case closure
03/26/96	TP	212	0.1	1232	\$5.29	w/Bruce Cane
Act96_2						
Act96_3						
Act96_4						
04/11/97	SH	215	1.	1232	\$0.00	review files, summary
08/07/97	BO	47	0.5	1232	\$0.00	removal meeting for closure in place
08/14/97	BO	45	1.	1232	\$0.00	
08/14/97	BO	200	1.	1232	\$0.00	site visit
08/18/97	BO	45	1.	1232	\$0.00	plan approved
08/18/97	BO	45	1.5	1232	\$0.00	on site cancelled inspection
08/19/97	BO	41	1.	1232	\$0.00	modification of piping
08/19/97	BO	41	1.	1232	\$0.00	ust tinstall
08/19/97	BO	200	1.5	1232	\$0.00	on site sampling with consultant/andmeeting with consultant/contractor
08/19/97	BO	200	1.5	1232	\$0.00	sampling/meeting
08/20/97	BO	41	1.5	1232	\$0.00	ust install

complete

white - env. health  
yellow - facility  
pink - files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # 1232 Site Name A C Transit Today's Date 8/25/97  
Site Address 1177 45th ST  
City Emeryville Zip 94608 Phone \_\_\_\_\_

\_\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

### Inspection Categories:

- \_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER  
\_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials  
 III. Under ground Storage Tanks

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments: LOP

8:00 On site for soil removal over-excavation  
waiting for installation completion  
unable to over-excavate will return at  
later time this day.

1:30 On site for over-excavation  
area removed 4' x 15' feet & approximately  
1 foot of soil removed and will be placed  
in 6 bags - to be analyzed

Required Action

(1) Provide analytical sample of  
soil area removed

(2) dispose of stockpiled soil  
at an approved landfill  
following results of sample and

Contact \_\_\_\_\_  
Title \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector Amable  
Signature \_\_\_\_\_

II, III



August 18, 1997

Mr. Brain Oliva  
Alameda County Health Agency  
Division of Environmental Protection  
Department of Environmental Health  
1131 Harbor Bay Parkway, Second Floor  
Alameda, California 94502

Dear Mr. Oliva:

Subject: Underground Storage Tank Unauthorized Release (Leak)/  
Contamination Site Report, AC Transit, 1177 47th Street, Emeryville

Enclosed for your information is a completed Unauthorized Release (Leak)/Contamination Site Report for AC Transit's facility located at 1177 47th Street in Emeryville. In response to investigating the cause of a line leak alarm for the diesel fuel tanks, a leak into the annular space of one pipe was discovered on August 7, 1997. In the process of repairing this leak, the contractor discovered on August 14, 1997, that a section of each line near the fuel filters had also leaked which resulted in the release of a small amount of diesel fuel into the soil. The piping will be removed and replaced with double walled piping and affected soil will be removed and transported off-site for disposal.

If you have any questions regarding this matter, please call me at (510) 577-8869.

Sincerely,

*Suzanne Patton*  
Suzanne Patton, P.E.  
Environmental Engineer

SP/sp

Enclosure

Rs #402  
ec LOP

## UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

<b>EMERGENCY</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>FOR LOCAL AGENCY USE ONLY</b> I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
<b>REPORT DATE</b> 08/14/97		<b>CASE #</b> _____		<b>SIGNED</b> _____ <b>DATE</b> 4/23/01		
<b>REPORTED BY</b>	<b>NAME OF INDIVIDUAL FILING REPORT</b> Suzanne Patton		<b>PHONE</b> (510) 577-8869		<b>SIGNATURE</b> Suzanne Patton 8-18-97	
	<b>REPRESENTING</b> <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER _____		<b>COMPANY OR AGENCY NAME</b> AC Transit			
	<b>ADDRESS</b> 10626 E. 14th Street    Oakland    CA    94603					
<b>RESPONSIBLE PARTY</b>	<b>NAME</b> AC Transit <input type="checkbox"/> UNKNOWN		<b>CONTACT PERSON</b> Suzanne Patton		<b>PHONE</b> (510) 577-8869	
	<b>ADDRESS</b> 1177 47th Street    Emeryville    CA    94608					
<b>SITE LOCATION</b>	<b>FACILITY NAME (IF APPLICABLE)</b> AC Transit - Division 2		<b>OPERATOR</b> AC Transit/Steve Tracey		<b>PHONE</b> (510) 891-4928	
	<b>ADDRESS</b> 1177 47th Street    Emeryville    Alameda    94608					
	<b>CROSS STREET</b> San Pablo Avenue					
<b>IMPLEMENTING AGENCIES</b>	<b>LOCAL AGENCY</b> Alameda County Health Agency		<b>CONTACT PERSON</b> Brian Oliva		<b>PHONE</b> (510) 567-6737	
	<b>REGIONAL BOARD</b> _____ <b>PHONE</b> (    )					
<b>SUBSTANCES INVOLVED</b>	(1)		<b>NAME</b> Diesel fuel		<b>QUANTITY LOST (GALLONS)</b> _____ <input checked="" type="checkbox"/> UNKNOWN	
	(2)		_____		<input type="checkbox"/> UNKNOWN	
<b>DISCOVERY/ABATEMENT</b>	<b>DATE DISCOVERED</b> 08/14/97		<b>HOW DISCOVERED</b> <input type="checkbox"/> INVENTORY CONTROL <input checked="" type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER _____			
	<b>DATE DISCHARGE BEGAN</b> _____ <input checked="" type="checkbox"/> UNKNOWN		<b>METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)</b> <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input checked="" type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER _____			
	<b>HAS DISCHARGE BEEN STOPPED?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO    IF YES, DATE 08/14/97					
<b>SOURCE/ CAUSE</b>	<b>SOURCE OF DISCHARGE</b> <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER _____		<b>CAUSE(S)</b> <input type="checkbox"/> OVERFILL <input checked="" type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER _____			
	<b>CHECK ONE ONLY</b> <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
<b>CURRENT STATUS</b>	<b>CHECK ONE ONLY</b> <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY					
	<b>CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)</b> <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT) _____					
<b>COMMENTS</b>	_____					

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<b>FOR LOCAL AGENCY USE ONLY</b> I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
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REPORT DATE 01 8 <sub>M</sub> 1 <sub>D</sub> 8 <sub>D</sub> 9 <sub>Y</sub> 7 <sub>Y</sub>	CASE #	SIGNED: <u>[Signature]</u> DATE: <u>6/23/01</u>
--	--------	---

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Suzanne Patton	PHONE (510) 577-8869	SIGNATURE Suzanne Patton	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME AC Transit		
	ADDRESS 10626 E. 14th Street Oakland CA 94603			

RESPONSIBLE PARTY	NAME AC Transit <input type="checkbox"/> UNKNOWN	CONTACT PERSON Suzanne Patton	PHONE (510) 577-8869
	ADDRESS 1177 47th Street Emeryville CA 94608		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) AC Transit - Division 2	OPERATOR AC Transit/Steve Tracey	PHONE (510) 891-4928	
	ADDRESS 1177 47th Street Emeryville Alameda 94608			
	CROSS STREET San Pablo Avenue			

IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Health Agency	CONTACT PERSON Brian Oliva	PHONE (510) 567-6737
	REGIONAL BOARD		

SUBSTANCES INVOLVED	(1) NAME Diesel fuel	QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2)	<input type="checkbox"/> UNKNOWN

DISCOVERY/ABATEMENT	DATE DISCOVERED 01 8 <sub>M</sub> 1 <sub>D</sub> 4 <sub>D</sub> 9 <sub>Y</sub> 7 <sub>Y</sub>	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input checked="" type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER
	DATE DISCHARGE BEGAN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 01 8 <sub>M</sub> 1 <sub>D</sub> 4 <sub>D</sub> 9 <sub>Y</sub> 7 <sub>Y</sub>	<input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input checked="" type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER

SOURCE/ CAUSE	SOURCE OF DISCHARGE	CAUSE(S)
	<input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	<input type="checkbox"/> OVERFILL <input checked="" type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER

CASE TYPE	CHECK ONE ONLY
	<input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS	CHECK ONE ONLY
	<input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY

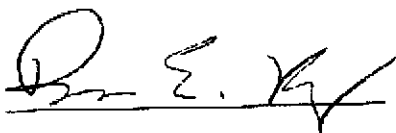
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)	<input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)
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COMMENTS	
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Memorandum

Date : 4/19/96  
From : Bruce King, AC Transit, (510) 577-8869  
To : Brian Oliva, Alameda County Health Dept.  
Subj : Pea Gravel at Emeryville Division

1. Brian, on 1/10/96 you found evidence of diesel contamination in pea gravel ballast surrounding our uncovered tanks at the Emeryville Division Fuel Island.
2. Per your instructions, 82 cubic yards of contaminated gravel were removed and segregated from the clean gravel. Samples taken at the most severely contaminated locations indicated non-detectable levels of gasoline and BTEX. Diesel contamination averaged 80-120 PPM, with isolated areas (taken from the vicinity of tank fill pipes) reaching 800-1100 PPM. A strong diesel fuel odor was evident in the samples.
3. AC Transit investigated various microbial products, and selected "Bio-Marine Clean" (QC 2000 products, PA., 610-270-2999) liquid microbial concentrate. This product contains bacteria specifically designed to eat diesel fuel.
4. On 2/20/96, 8 gallons of "Bio-Marine Clean" microbial concentrate mixed with 72 gallons of tap water was applied evenly to the gravel pile. The pile was turned by backhoe during the application process, then covered with black plastic visqueen.
5. On 4/11/96, the entire gravel pile was carefully examined. No diesel odor was evident, even in areas which had been most severely contaminated. There was a strong compost odor from bacteria which had multiplied while feeding on diesel and other nutrients. One sample each from the north, east, west, and south sectors of the pile were taken and retained for examination by Alameda County Health Services.
6. On 4/13/96, Delta Sand and Rock, Inc.(510-684-0991) arrived on sight with trucks and backhoe. Company representatives carefully turned the pile and examined the gravel. They could not detect any diesel by sight or odor, but noted the compost odor from the bacteria. Delta Sand and Rock removed the gravel for their own use.
7. Please let me know if you require further information. I will hand deliver the gravel samples and/or a sample of "Bio-Marine Clean" at your request.





white -env.health  
yellow -facility  
pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # 1252 Site Name AC TRANSIT Today's Date 3/24/96

Site Address 45th ST

City Emeryville Zip 94 Phone \_\_\_\_\_

\_\_\_\_ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

**Inspection Categories:**

- \_\_\_\_ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- \_\_\_\_ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**Comments:**

*on site - site visit - re 45T modifications  
all tank modifications appear complete  
will set up final inspection  
on monitoring sensors  
and complete permit process*

Contact \_\_\_\_\_  
Title \_\_\_\_\_  
Signature \_\_\_\_\_

Inspector *[Signature]*  
Signature \_\_\_\_\_

II, III

# Transfer of Eligible Local Oversight Case

 STID 1232 Date of input/By na 1/12/96

 Date: 1/11/96 From: SUSAN HUGO

 Site Name: AC TRANSIT

 Address: 1177 ~~1177~~ ~~45th~~ Street City: Emeryville Zip: 94608

To be eligible for LOP, case must meet 3 qualifications:

1.  Y  N Tanks Removed? # of removed? 5 Date removed: 11/86 & 10/87
2.  Y  N Samples received? Contamination level: 7200 ppm  
 Type of test \_\_\_\_\_  
 Contamination should be over 100 ppm TPH to qualify for LOP
3. Y N Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet  
 • diesel • waste oil • kerosene • solvents

Procedure to follow should your site meet all the above qualifications:

1.
    - a. \_\_\_\_\_ Close the deposit refund case.
    - b. \_\_\_\_\_ Account for **ALL** time you have spent on the case.
    - c. \_\_\_\_\_ Turn in account sheet to Leslie.  
 If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. **DO NOT** attempt to continue to oversee the site simply because there are funds remaining!
- Remaining DepRef \$'s: \_\_\_\_\_  
 DepRef Case Closed with Candyce/Leslie? Y N (If no, explain why below.)
2. Submit the completed **A** and **B** permit application forms to **NORMA**.
  3. Give the entire case to the proper LOP staff.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID L. KEARS, Agency Director



BARAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
30 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 371-4320

June 12, 1995

Mr. Bruce King,  
c/o AC Transit,  
10626 East 14th St.,  
Oakland, CA 94603

**Subject: Modification of Underground Storage Tanks at AC Transit Facility, 1177 46th Street, Emeryville, CA 94608**

Dear Mr. King:

This letter is being written in response to your request following a meeting that took place at our office on June 12, 1995. During the meeting, a discussion took place concerning the requirements for "up-grading" and otherwise complying with Title 23, Division 3, Chapter 16 of the California Code of Regulations. The regulations involved are related to underground storage tanks that contain hazardous materials.

During the discussion, this office referenced the above laws regarding the installation/modification of the construction of underground storage tanks (USTs). The underground storage tanks at the above facility require a five year permit to legally operate. To obtain the permits, it will be necessary to comply with State Law, as the County of Alameda has a "Memorandum of Understanding" with the State Water Resources Control Board (SWRCB).

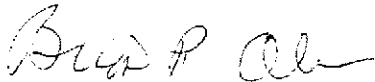
In the meeting that took place on June 12, 1995, you requested that the requirements of liquid tightness for the access casings (sumps) be waived at this time. Such requirements are specified in the Title 23, Sections 2636. This office cannot modify, or interpret the regulations as promulgated by the SWRCB, as these Laws are subject to strict interpretation. You are, therefore, required to comply with the request by this office to install or modify the sumps at you facilities in Alameda County, so as to be "liquid tight", by October 12, 1995.

Please be advise that failure to comply with the requirements of Title 23, may lead to legal action being taken by the Alameda County Office of District Attorney. In light of the fact that this office has endeavored for two years to permit the USTs in Emeryville, action must be taken to complete the permit process or the matter will be refered to the District Attorney for enforcement. The amount for fines for said enforcement are in excess of five hundred (500.00) dollars per day per tank.

page 2 of 2

If you have any questions, please do not hesitate to call this office. The number is (510) 567-6737.

Sincerely,



Brian P. Oliva, REHS, REA  
Hazardous Materials Specialist

cc: Gil Jensen, Alameda Co. Deputy District Attorney  
Ariu Levi, Manager, North Area  
✓ Susan Hugo, Senior Hazardous Materials Specialist, Al Co.

SH



February 8, 1994

Mike Mahoney  
Public Works Superintendent  
Emeryville Public Works Department  
2200 Powell St.  
Emeryville, CA. 94608

Mr. Mahoney:

This is a follow up on our January 13, 1994 phone conversation, and subsequent meeting at Temescal Creek, to discuss and look at the three booms you and the City of Emeryville feel were put there by AC Transit.

AC Transit has not been involved with any work at Temescal Creek since the spill of 1989. At that time, the entire creek was cleaned to the satisfaction of the City of Emeryville, and a stormwater filtration system was installed at AC Transit's Emeryville Facility.

A parking lot from an adjacent housing complex drains into the creek, as do some of the city streets and businesses. Are there oil/water separators at these areas to keep contaminated run off from entering the creek? Could the booms have come from these areas if a possible spill had occurred? The 30 tires found in the creek, who did these belong to?

If the City wishes to discuss this matter further, the District requests that a meeting be held with AC Transit's General Counsel and the Emeryville City Attorney.

Sincerely

Patrick Rotell  
Facilities Administrator

copy: General Counsel  
AGM/Operations  
Emeryville City Attorney  
file



FEB - 8 AM 11:30

10626 East 14th Street, Oakland, CA 94603 ☐ (415) 577-8800

February 5, 1991

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

Attention: Mr. Barney Chan  
Hazardous Material Specialist

RE: TABLE #2: HAZARDOUS WASTE GENERATION BY ACTIVITY FORM

I have attached an approximate listing of the waste generation activity at the Seminary and East 14th facilities within AC Transit.

If more information is needed, please let me know. I can be reached at (415) 620-8926.

Sincerely,

*Pat Rotell*

Patrick Rotell  
Facilities Maintenance Supervisor

PR:1Mc

Attachments: Forms

(Ref:HWG-FORMS)

*10626  
E 14th St -  
94603  
Deydrey C. Dreyfus  
577-8822*

4 - 20 - 89 •

Sign WP

<u>Name</u>	<u>Agency</u>	<u>Telephone</u>
MICHAEL BUELNA	DEPT. FISH & GAME	707 944 5500
Hossain Kazemi	Reg. watv. Q. B)	(415) 464-1255
DICK CUREY	Kaiser Engineers	415/891-4888
Frank Fenzel	K.E.	415-268-6376
Sean Sultzer	Technical Assistance Team	(415) 777-2811
Wally Kolb	EMERYVILLE	654-6161
Dennis Byrne	Alameda County Environ. Health	271-4320
Brad Shipley	EPA	415 974-8108
Pat Nott	ACT	577-8830
George Shapiro	ACT	577-8803
Caral Bahyer	ACT	891-4827
GEORGE GRANDISON	ACT	891-4864
J. DAVID PEELY	ACT	891-4807

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
MEMORANDUM

DATE : 29 December, 1988  
TO : Rafat  
FROM : Dennis  
SUBJECT: Emergency Response, Temescal Creek, Emeryville, 12/22/88.

At 1000 on the 22nd of December, 1988, I was called by Lt. William King of the Emeryville Fire Department. He requested that I investigate the presence of floating oil reported in Temescal Creek, which drains into the Bay south of Powell Street.

I followed Temescal Creek as best as I could from Shellmound Road to the east. The creek is difficult to follow as it is primarily below the ground surface and snakes under buildings and industrial facilities.

The source of contamination was discovered along a railroad trestle which is located just off 53rd Street and between the PG and E facility and the Cetus Complex. Weeds heavily contaminated with oil or diesel fuel could be seen on either side of the creek. Relatively clean water would enter the weeds from under the PG and E facility and carry very obvious levels of oil downstream.

Lt. King was informed of the situation and samples were collected for analysis. One sample of oil absorbing weeds and one of underlying streambed sediment were delivered to the Environmental Health Laboratory. I requested an analysis for High Boiler TPH and Total Oil and Grease.

I left the scene at about 1230.

Most of Friday, 12/23/88, was involved in the pursuit of this issue.

A meeting was held at Temescal Creek with Mark Ransom of the Southern Pacific Railroad, Chief Friday of the U.S.C.G., Derek Garner of Ecology and Environment, Inc., who is under contract to the EPA for emergency response, Dave McGhee, Director of Environmental Health and Safety for Cetus Corporation, and myself. No representatives of the City of Emeryville were available at this time due to the holiday. All were queried as to who was going to clean up the contaminated weeds and sediments.



Due to the lowered water level on this day an old boom was observed downstream of the contaminated site. All present were asked of any knowledge they had as to anyone attempting to contain any spill on this stretch of the creek. Nobody had any recollection of any such situation.

Mr. Ransom was reticent about committing Southern Pacific Railroad to conducting any cleanup of this site for two reasons;

- 1) It was obvious that the spillage had to have come from further upstream and any cleanup conducted by Southern Pacific could be construed as an admission of having caused the problem.

- 2) Southern Pacific's legal staff had decided that Alameda County Flood Control and not Southern Pacific was responsible for any streambed maintenance along Temescal Creek.

The party adjourned without any consensus having been reached and I called Alameda Flood Control to request that a boom be placed downstream of the contaminated region to prevent further release of oily water. My contact was Tom Ringot, who agreed to do as I requested. However, Roger Campbell, of Alameda County Flood Control, informed me that they considered it to be Southern Pacific's responsibility to conduct any cleanup, as Temescal Creek had been bypassed to an underground culvert at some point upstream of the contaminated site. Two booms were placed across this area at about 1400.

Tom Ringot informed me that AC Transit had discharged waste oil into this area on 12/30/87. There is no mention of this episode in our files or emergency response log, but it was confirmed by Wally Kolb, of the Emeryville Public Works Department. Lydia Wang, of the Regional Board was reported to have overseen the cleanup. Lydia is unavailable until the 3rd of January, but Mr. Kolb assured me that the cleanup was thorough and that no oily weeds were present at this site during the summer of 1988.

With Wally Kolb's assistance I traced the storm sewer line feeding into the creek. It passes the AC Transit facility on Doyle Street. The manhole cover was lifted and diesel fumes were very strong, however, the AC Transit facility did not seem to be the source.

Emergency Response, Temescal Creek, Emeryville, 12/22/88.  
Page 3 of 3.

The next access point to the sewer line is within the driveway of the Del Monte Canning facility located at the intersection of 45th and Doyle. Diesel odors were strong here and a small residue of oil was observed at the bottom of the manway. There were two access pipes into this junction. One oriented towards a storm drain in front of AC Transit's facility at the intersection of 45th and Emery St.. The other oriented into the Del Monte Canning facility. Neither diesel odors nor obvious oil could be detected at the AC Transit storm drain.

A review of the Del Monte Business Plan, Facility Diagram within our files shows no connection to a storm drain system leading into the Temescal Creek basin. Wally Kolb was unable to locate this drainage pipe on a Public Work's Department map, but he expressed a desire to consult some older maps at his disposal.

This situation has been discussed with M. Hosain Kazemi of the Regional Board and Norm Healy.

12/28/88 meeting w/ wally Kollb - situation discussed, wally attests to clean state of creek this summer.

only inlet line to creek passes ACXit on Doyle street (mid-block), looks clean but smells of diesel.

Line proceeds around corner of Doyle + 45th.

45th +  
Doyle

\* Manhole cover removed on 45th in driveway of del Monte cannery - smells of diesel - oil observed in hole (small quantity).

Line proceeds up 45th to grid in front of ACXit lot (intersect 45th + Emery St.)  
Grid smells clean + no oil!

12/27/88 0845 - wally Kolb - nobody home - left msg  
654-6161

Arreuin

Juan - AC Transit, 6 months ago, some Chinese  
lady at Ala Co.

Juan to look up file to ID contact of A.C. Tit  
will call me back this PM or 12/28

Howard

12/27/88

0815 - Placed call to Tom Ringert ALCO FCD,  
~~670~~ 670-5500 - msg left

Roger Corbell -

Not AC FCD responsibility

his understanding was that Southern Pacific  
will contract with IT

Ringert on vacation until

Mark Ransom 12/27/88 541-1495

After consultation with SP attorney, was not certain  
that SP was responsible for stream maintenance  
at this point. called of IT contract due  
to possibility of RP being identified.

Dec 30 1987 - Jim Fuersole EFD,

wally kalb

Kazemi was involved but to what extent is  
uncertain

whether AC + IT or Emeryville conducted cleanup  
is uncertain - Kalb should know -

Boom designed to hold  $\approx$  10 x own weight in oil

No record of response in haz met van,

Lidia Huang

100' diameter oil slick on

100' s of culvert

Gene Farris

1900 Powell St suite

455-7311

S/Powell E/580

DOMS notes - no observed discharge  
possible general oil slick runoff from  
highway due to heavy rainfall.

Phase of discharge oil is Emeryville 12/1/88  
shellmound + Temescal catch - heavy load

Temescal + 53rd E/PG + E - relatively clean PG+E

Temescal + Horton - w/ Creative Spaces - obvious oil  
→ under Cetar <sup>stream</sup> relatively clean water but <sup>plane</sup> consistent + <sup>stream</sup> of oil

Temescal + RR track w/ Pfizer - relatively clean,  
some oil plane observable

7457

667-7722

667-7722

12/23/88

Greg Sheppard 541-2545

Mark Ransom - 541-1495

Kazimi contact owner

Norm Henly - 707-745-1543

Kathlene - Emeryville DPW 654-6161

city Attorney → Alameda Flood Control

470-5500

467-7721 (after hours)

Tom Ringer - Flood Control - I explained the situation

field crew to be contacted relative to installation of a new boom to contain downstream runoff,

I requested notification as to when crew will be on

hand, - Flood control + RWQCB to confer

relative to setting up turb for future cleanup on Tuesday

Old boom noticed downstream of contaminated site, some past effort to control problem - not followed-up properly. But if on record, could ID RP

Another opening to Tenascoal Creek, upstream at 53rd + Emery Bay

465-541-1495

convers w/ Bernice of Fenwickville DPW, city Hall  
colleague of Wally Kolb - AC Transit Facility  
at 45 + Doyle released oil into Teresca Creek  
about six months ago. cleaned up (under  
whose supervision?)

Review of Haz Mat Files shows no record of  
any such discharge

Efforts to contact Ransom + Perry unsuccessful  
latter in the day, msg left on machine for  
Ransom - AC Transit Discharge Reported  
Also Flood Control response



EMERYVILLE FIRE DEPARTMENT  
INCIDENT REPORT

Inc. # 881099

Alarm (Still) <sup>walk</sup> <sub>in</sub> Type Spill Time Out 0835 In 0904 Date 12-22-88

Location (address) 53rd between hollis and Horton Shift B-1

Occupant \_\_\_\_\_ Phone \_\_\_\_\_ #Injured \_\_\_\_\_

Owner \_\_\_\_\_ Phone \_\_\_\_\_ #Deaths \_\_\_\_\_

Fire Discovered By \_\_\_\_\_ Phone \_\_\_\_\_

Construction \_\_\_\_\_ Stories \_\_\_\_\_ Use \_\_\_\_\_

Exposures Involved \_\_\_\_\_

Point of Origin \_\_\_\_\_

Probable Cause \_\_\_\_\_

Elect. Off \_\_\_\_\_ Gas Off \_\_\_\_\_ Water Off \_\_\_\_\_ Bldg. Secured To \_\_\_\_\_

Building Protection Used: Sprinklers \_\_\_\_\_ Standpipes \_\_\_\_\_ House Lines \_\_\_\_\_ Special \_\_\_\_\_

Dry Chem \_\_\_\_\_ CO<sub>2</sub> \_\_\_\_\_ Water \_\_\_\_\_ Other \_\_\_\_\_ Alarm System \_\_\_\_\_

• VEHICLE •

INHALATOR \_\_\_\_\_ FIRST AID \_\_\_\_\_ RESCUE \_\_\_\_\_

Driver \_\_\_\_\_

Victim Name \_\_\_\_\_

Address \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Lic# \_\_\_\_\_

Phone \_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_

Owner \_\_\_\_\_

Cause \_\_\_\_\_

Address \_\_\_\_\_

Condition on Arrival \_\_\_\_\_

Phone \_\_\_\_\_

Aid Given \_\_\_\_\_

Type Veh. \_\_\_\_\_ Make \_\_\_\_\_

Doctor @ Scene \_\_\_\_\_

Lic# \_\_\_\_\_ State \_\_\_\_\_

Cond. on Depart. \_\_\_\_\_

Remarks \_\_\_\_\_

Hosp. \_\_\_\_\_ Via \_\_\_\_\_ 02 \_\_\_\_\_

Remarks \_\_\_\_\_

EQUIPMENT AND MANPOWER USED

Units @ Scene S-Van \_\_\_\_\_ Chiefs \_\_\_\_\_ Officers \_\_\_\_\_ Men 1

Pump Time \_\_\_\_\_ Hrs \_\_\_\_\_ Min; Gallons of Water \_\_\_\_\_ Wet Water \_\_\_\_\_ Foam \_\_\_\_\_

Hose: \_\_\_\_\_ '5", \_\_\_\_\_ '2½", \_\_\_\_\_ '1½", \_\_\_\_\_ '1", Foam Eductor \_\_\_\_\_

Nozzles: \_\_\_\_\_ 2½", \_\_\_\_\_ 1½", \_\_\_\_\_ 1" \_\_\_\_\_ Monitor(s), \_\_\_\_\_ Ladder Pipe, \_\_\_\_\_ Bresnan

Hydrant # \_\_\_\_\_ Hydrant Wrench \_\_\_\_\_ Hose Clamp \_\_\_\_\_ Float Pump \_\_\_\_\_

Generator \_\_\_\_\_ Extension Cords \_\_\_\_\_ Smoke Ejector \_\_\_\_\_ Lights \_\_\_\_\_ Water Vac \_\_\_\_\_ K-12 \_\_\_\_\_

Ladders \_\_\_\_\_

Axes \_\_\_\_\_ Pinch Bar \_\_\_\_\_ Hayward Lock Breaker \_\_\_\_\_ Bolt Cutter \_\_\_\_\_ Pike Poles \_\_\_\_\_ Shovel \_\_\_\_\_

Port-Radio \_\_\_\_\_ Hand Light \_\_\_\_\_ Mop \_\_\_\_\_ Squeegee \_\_\_\_\_ Broom \_\_\_\_\_ Salv Cover \_\_\_\_\_ Pitch Fork \_\_\_\_\_

Air Pack \_\_\_\_\_ Spare Air \_\_\_\_\_ E & J Flynn \_\_\_\_\_ Blanket \_\_\_\_\_ Towel \_\_\_\_\_ F Aid Kit \_\_\_\_\_ Splint \_\_\_\_\_

Other \_\_\_\_\_

NEEDED: \_\_\_\_\_ BROKEN/LOST \_\_\_\_\_

RANK Act. Lt. King

NAME William King

SIGNATURE

*William W. King*

### SUMMARY OF ACTION TAKEN

After F.F. Rickey Hurtado verified that a film of oil like substance was floating in the creek, I called Alameda Haz Mat response team. I talked to Dennis Burns he informed me that he was called out to the scene 2 days earlier it looked to him at the time that it might be run-off from the rains. He then went back to the scene at my request were he found what looked to be waste oil dumped on weeds that were growing in temescal creek on 53rd near the train tracks between Hollis and Horton.

Dennis told me he would take samples back with him to determine what it is and then notify the Fire Dept.

The Coast Guard was also notified. Cheif Friday said he would break a guy free to investigate the spill if they could, they were awfully busy.

Water Quality Control was called. I was told to speak to a Lisa McCain but she was gone for the rest of the day and no one else could help me.

Since the spill is near the train tracks on 53rd it appears to be on property owned by Southern Pacific Railroad. I am know in the process of contacting Southern Pacific to find out if indeed it is their property so that they can begin clean up procedures.

RANK Act. Lt. King

NAME William King

SIGNATURE William W. King

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Since the spill is near the train tracks on 53rd it appears to be on property owned by Southern Pacific Railroad. I am now in the process of contacting Southern Pacific to find out if indeed it is their property so that they can begin clean up procedures.

12/29/88

Phone conv. w/ Lt. King - updated him on the situation - He informed me that Del Monte was moving out.

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 ENVIRONMENTAL HEALTH LABORATORY

ANALYTICAL REQUEST

Laboratory No. 89-005

Sample Identification Samples from RR Track and Temescal Creek, 53rd Ave

Analyses Requested by: D. Byrne

Date Collected: 12-22-88 Collected by: D. Byrne

Date Received: 12-22-88 Received by: S. Hugo

Analyses Requested TPH, Oil and Grease and VOC.

Background Information Samples obtained through an emergency response.

ANALYTICAL RESULTS

Parameter	Observation or Result	
Sample Identification-	122288DB-1	122288DB-2
Total Petroleum Hydrocarbons- DOHS Method for High Boilers.	Water N.D. Detection limit= 10 ppm.	Creek Sediment Approx. 100 mg/l (ppm) in the diesel fuel range 4.1% by wt.
Total Oil and Grease- Methods 503 A and D, Std. Methods	21 mg/l	
Volatile Organics- GC-FID , Direct Injection of Aqueous layer.	N.D. Detection Limit= 5 ppm	N.D.

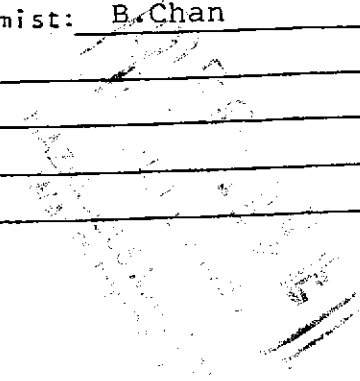
Conclusions: \_\_\_\_\_

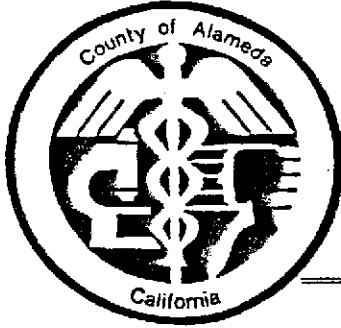
Date Analyses Completed: 1-11-89

Chemist: B. Chan

Approved: bc

Distribution: R. Shahid, T. Shirasawa, G. Winn





HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH

GERALD H. WINN, DIRECTOR

HAZARDOUS MATERIALS MANAGEMENT DIV.

470 - 27th ST., RM. 322

OAKLAND, CA 94612 (415) 874-7237

- ( ) HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)  
( ) EMERGENCY RESPONSE

1. INFORMATION RECEIVED BY: William King  
DATE: 12-22-88 TIME: 0835
2. INCIDENT LOCATION: 53rd St. Between Hollis and Horton Emeryville Ca.
3. DATE OF INCIDENT: 12-22-88 TIME OF INCIDENT: 0835
4. REPORTED BY: Pedestrian AGENCY: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_ CONTACT NAME: \_\_\_\_\_
5. TYPE OF DISCHARGE:  
\_\_\_ Discharge from vehicle License Plate No. \_\_\_\_\_  
\_\_\_ Manifest/Shipping Information: \_\_\_\_\_  
\_\_\_ Abandoned Material Fixed Facility  
Name: \_\_\_\_\_ Address: \_\_\_\_\_  
City: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Other (Specify) Dumped in Temescal Creek
6. ESTIMATED QUANTITY DISCHARGED: ? QUANTITY THREATENED TO BE  
RELEASED: \_\_\_\_\_
7. NATURE OF MATERIAL:  
\_\_\_ Solid  Liquid \_\_\_ Gas \_\_\_ Powder \_\_\_ Granular  
\_\_\_ Radio Active \_\_\_ Other  
Chemical Name ? Common Name \_\_\_\_\_
8. HAZARDOUS PROPERTIES: \_\_\_ Corrosive \_\_\_ Ignitable \_\_\_ Toxic \_\_\_ Reactive  
\_\_\_ Other
9. HAZARDOUS MATERIAL WAS RELEASED TO:  
\_\_\_ Air \_\_\_ Storm Drain \_\_\_ San Francisco Bay \_\_\_ Sanitary Sewer  
 Other Natural Waterway (creek, lake, reservoir) \_\_\_ Ground  
Water \_\_\_ Ground Surface (soil, road, etc.) \_\_\_ Other (Specify)  
\_\_\_\_\_
10. WEATHER CONDITIONS: Raining
11. NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: None  
NAMES AND ADDRESSES OF HOSPITALS UTILIZED:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT

## 12. PERSONS PRESENT AT SCENE:

<u>NAME</u>	<u>AFFILIATION</u>	<u>PHONE NO.</u>
Rickey Hurtado	Emeryville Fire Fighter	652-4575
Dennis Burns	Alameda County Haz Mat Team	271-4320

## 13. RESPONSIBLE PARTY:

NAME: \_\_\_\_\_ ? \_\_\_\_\_ PHONE NO. \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

## 14. EVIDENCE COLLECTED (SAMPLES, PHOTOGRAPHS, ETC.)

Dennis Burns

## 15. CLEAN-UP ACTIONS:

NAMES AND ADDRESSES OF PERSONS DOING CLEAN-UP

\_\_\_\_\_

\_\_\_\_\_

DESCRIPTION OF CLEAN-UP ACTIONS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 16. TIME INCIDENT CLOSED: \_\_\_\_\_

## 17. ELAPSED TIME: \_\_\_\_\_

## 18. DISCHARGE NOT TO BE NOTIFIED ( )

Unlikely to Cause Substantial Injury to Public Health & Safety  
 Public knowledge  Ongoing criminal investigations  Permitted Discharge  Other

## 19. DISCHARGE NOT TO BE NOTIFIED ( )

FACTORS DETERMINING THAT THIS HAZARDOUS WASTE DISCHARGE OR POTENTIAL DISCHARGE IS LIKELY TO CAUSE SUBSTANTIAL INJURY TO THE PUBLIC HEALTH OR SAFETY \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

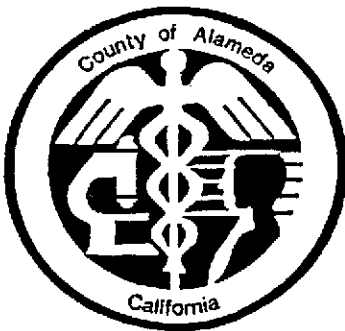
## 20. NOTIFICATION

Board of Supervisors  
 Health Officer  
 Alameda County Press Room  
 California Department of Health Services  
 Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we are hereby submitting this information on behalf of all designated employees of the Department of Environmental Health, according to Section 25180.7, Health & Safety Code. The information submitted in this report is based upon the best available information at the time the report was completed.

Inspector's Name: William King Date: 12-22-88

Inspector's Signature: William King



ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621  
(415) 271-4320

- HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)  
 EMERGENCY RESPONSE

1. INFORMATION RECEIVED BY: Dennis Byrne  
DATE: 12/22/88 TIME: 1000
2. INCIDENT LOCATION: 53rd St + Temescal Creek  
CITY: Emeryville ZIP CODE: 94608
3. DATE OF INCIDENT: 12/22/88 TIME OF INCIDENT: 1000
4. REPORTED BY: Dennis Byrne AGENCY: Alameda County Haz Mat Div  
ADDRESS: 80 Swan Way Rm 200 CITY, ZIP: 94621  
TELEPHONE: (415) 271-4320 CONTACT: William King  
PHONE: 652-4575
5. TYPE OF DISCHARGE:  
 Discharge from vehicle License Plate No. \_\_\_\_\_  
Manifest/Shipping Information: \_\_\_\_\_  
 Abandoned Material  Fixed Facility  
Name: \_\_\_\_\_ Address: \_\_\_\_\_  
City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Other (specify) spill of heavy diesel or waste oil
6. ESTIMATED QUANTITY DISCHARGED: unknown  
QUANTITY THREATENED TO BE RELEASED: \_\_\_\_\_
7. NATURE OF MATERIAL:  
 Solid  Liquid  Gas  Powder  Granular  
 Radioactive  Other  
Chemical Name: \_\_\_\_\_ Common Name: Diesel fuel/oil
8. HAZARDOUS PROPERTIES:  Corrosive  Ignitable  Toxic  
 Reactive  Other
9. HAZARDOUS MATERIAL WAS RELEASED TO:  
 Air  Storm Drain  San Francisco Bay  Sanitary Sewer  
 Other Natural Waterway (creek, lake, reservoir)  Groundwater  
 Groundsurface (soil, road, etc.)  Other (specify) \_\_\_\_\_
10. WEATHER CONDITIONS: Rainy
11. NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: None  
NAMES AND ADDRESSES OF HOSPITALS UTILIZED: \_\_\_\_\_

12. PERSONS PRESENT AT SCENE: PHONE NO. (415) 271-4320  
NAME: Dennis Byrne AFFILIATION: Alameda County  
Dept. Environmental Health

13. RESPONSIBLE PARTY: PHONE NO. (415) 891-7816  
NAME: Southern Pacific Railroad  
ADDRESS: \_\_\_\_\_

14. EVIDENCE COLLECTED (SAMPLES, PHOTOGRAPHS, ETC.)  
one water and one soil sample collected for analysis  
photographs taken

15. CLEAN-UP ACTIONS: Southern Pacific Railroad to clean-up  
NAMES AND ADDRESSES OF PERSONS DOING CLEAN-UP:  
\_\_\_\_\_  
\_\_\_\_\_

DESCRIPTION OF CLEAN-UP ACTIONS:  
contaminated vegetation and creek sediments will have  
to be removed for disposal

16. TIME INCIDENT CLOSED: \_\_\_\_\_

17. ELAPSED TIME: \_\_\_\_\_

18. [ ] DISCHARGE NOT TO BE NOTIFIED:  
\_\_\_\_ Unlikely to Cause Substantial Injury to Public Health & Safety  
\_\_\_\_ Public knowledge \_\_\_\_ Ongoing criminal investigations  
\_\_\_\_ Permitted Discharge \_\_\_\_ Other

19. [✓] DISCHARGE TO BE NOTIFIED:  
FACTORS DETERMINING THAT THIS HAZARDOUS WASTE DISCHARGE OR  
POTENTIAL DISCHARGE IS LIKELY TO CAUSE SUBSTANTIAL INJURY TO THE  
PUBLIC HEALTH OR SAFETY:  
Extent of ecological damage to Bay uncertain, quantity of  
material released uncertain

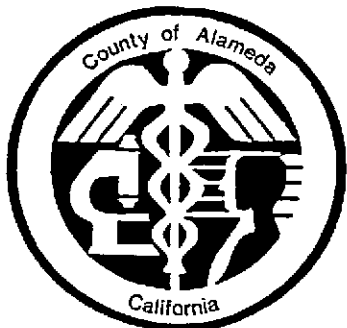
20. NOTIFICATION:  
✓ Board of Supervisors  
✓ Health Officer  
✓ Alameda County Press Room  
✓ California Department of Health Services  
✓ Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we are hereby submitting this information on behalf of all designated employees of the Department of Environmental Health, according to Section 25180.7, Health & Safety Code. The information submitted in this report is based upon the best available information at the time the report was completed.

Inspector's Name: Dennis Byrne  
Inspector's Signature: Dennis J Byrne

Date: 12/22/88  
EH/mam/88





Alan

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621  
(415) 271-4320

- HAZARDOUS MATERIALS RELEASE AND NOTIFICATION REPORT (H&SC 25180.7)
- EMERGENCY RESPONSE

1. INFORMATION RECEIVED BY: MARY NEWMAN CARTER

DATE: 12/20/89 TIME: \_\_\_\_\_

2. INCIDENT LOCATION: SOUTH A Powell St. + East of 580  
CITY: EMERYVILLE ZIP CODE: \_\_\_\_\_

3. DATE OF INCIDENT: 12/20/80 TIME OF INCIDENT: \_\_\_\_\_

4. REPORTED BY: JOANN KNIGHT AGENCY: CDHS  
ADDRESS: \_\_\_\_\_ CITY, ZIP: \_\_\_\_\_  
TELEPHONE: 540-2055 CONTACT: \_\_\_\_\_  
PHONE: \_\_\_\_\_

5. TYPE OF DISCHARGE:  
 Discharge from vehicle License Plate No. \_\_\_\_\_  
Manifest/Shipping Information: \_\_\_\_\_  
 Abandoned Material  Fixed Facility  
Name: \_\_\_\_\_ Address: \_\_\_\_\_  
City: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Other (specify) \_\_\_\_\_

6. ESTIMATED QUANTITY DISCHARGED: unk  
QUANTITY THREATENED TO BE RELEASED: unk

7. NATURE OF MATERIAL:  
 Solid  Liquid  Gas  Powder  Granular  
 Radioactive  Other  
Chemical Name: \_\_\_\_\_ Common Name: Black Substance look like oil

8. HAZARDOUS PROPERTIES:  Corrosive  Ignitable  Toxic  
 Reactive  Other

9. HAZARDOUS MATERIAL WAS RELEASED TO:  
 Air  Storm Drain  San Francisco Bay  Sanitary Sewer  
 Other Natural Waterway (creek, lake, reservoir)  Groundwater  
 Groundsurface (soil, road, etc.)  Other (specify) \_\_\_\_\_

10. WEATHER CONDITIONS: Rainy

11. NUMBER OF INJURED PERSONS REQUIRING HOSPITALIZATION: NA  
NAMES AND ADDRESSES OF HOSPITALS UTILIZED: \_\_\_\_\_

12. PERSONS PRESENT AT SCENE:

NAME:

AFFILIATION

PHONE NO.

C. Dotts

540-2055

They will be sending someone out to look at the site.

13. RESPONSIBLE PARTY:

NAME:

PHONE NO.

ADDRESS:

unk

14. EVIDENCE COLLECTED (SAMPLES, PHOTOGRAPHS, ETC.)

NA

15. CLEAN-UP ACTIONS:

NA

NAMES AND ADDRESSES OF PERSONS DOING CLEAN-UP:

NA

DESCRIPTION OF CLEAN-UP ACTIONS:

NA

16. TIME INCIDENT CLOSED:

NA

17. ELAPSED TIME:

NA

18. [ ] DISCHARGE NOT TO BE NOTIFIED:

- Unlikely to Cause Substantial Injury to Public Health & Safety
- Public knowledge  Ongoing criminal investigations
- Permitted Discharge  Other

19. [ ] DISCHARGE TO BE NOTIFIED:

FACTORS DETERMINING THAT THIS HAZARDOUS WASTE DISCHARGE OR POTENTIAL DISCHARGE IS LIKELY TO CAUSE SUBSTANTIAL INJURY TO THE PUBLIC HEALTH OR SAFETY:

20. NOTIFICATION:

- Board of Supervisors
- Health Officer
- Alameda County Press Room
- California Department of Health Services
- Reporting Agency or Individual

By copy of this report to the above listed agencies and officials, we are hereby submitting this information on behalf of all designated employees of the Department of Environmental Health, according to Section 25180.7, Health & Safety Code. The information submitted in this report is based upon the best available information at the time the report was completed.

Inspector's Name: \_\_\_\_\_  
Inspector's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

white -env.health  
 yellow -facility  
 pink -files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200  
 Oakland, CA 94621  
 (415) 271-4320

## Hazardous Materials Inspection Form

II, III

Site ID # \_\_\_\_\_ Site Name SP Railroad Tract Today's Date 12/22/88

Site Address 53rd + Temescal creek

City Emeryville Zip 94608 Phone \_\_\_\_\_

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

**Inspection Categories:**

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

\* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

**Comments:**

Request by Emeryville FD to investigate oil being discharged into Temescal creek and flowing into SF Bay.

located source of oil - heavily contaminated weeds on either side of railroad tracks crossing Temescal creek.  
 Oil entering via rain runoff passing through weeds.

Two samples collected for lab analysis  
 1) 10 oz water - 122288-DB-1  
 2) 6 oz soil - 122288-DB-2

soils appeared to be heavily contaminated as did above ground vegetation.

Emeryville FD advised to notify southern Pacific and request cleanup. Prop 65 issued.

II, III

**II.A BUSINESS PLANS (Title 19)**

- \_\_\_ 1. Immediate Reporting 2703
- \_\_\_ 2. Bus. Plan Stds. 25503(b)
- \_\_\_ 3. RR Cars > 30 days 25503.7
- \_\_\_ 4. Inventory Information 25504(a)
- \_\_\_ 5. Inventory Complete 2730
- \_\_\_ 6. Emergency Response 25504(b)
- \_\_\_ 7. Training 25504(c)
- \_\_\_ 8. Deficiency 25505(a)
- \_\_\_ 9. Modification 25505(b)

**II.B ACUTELY HAZ. MATLS**

- \_\_\_ 10. Registration Form Filed 25533(a)
- \_\_\_ 11. Form Complete 25533(b)
- \_\_\_ 12. RMPP Contents 25534(c)
- \_\_\_ 13. Implement Sch. Req'd? (Y/N) \_\_\_\_\_
- \_\_\_ 14. OffSite Conseq. Assess. 25524(c)
- \_\_\_ 15. Probable Risk Assessment 25534(d)
- \_\_\_ 16. Persons Responsible 25534(g)
- \_\_\_ 17. Certification 25534(f)
- \_\_\_ 18. Exemption Request? (Y/N) 25536(b)
- \_\_\_ 19. Trade Secret Requested? 25538

**III. UNDERGROUND TANKS (Title 23)**

- General**
- \_\_\_ 1. Permit Application 25284 (H&S)
  - \_\_\_ 2. Pipeline Leak Detection 25292 (H&S)
  - \_\_\_ 3. Records Maintenance 2712
  - \_\_\_ 4. Release Report 2651
  - \_\_\_ 5. Closure Plans 2670

- Monitoring for Existing Tanks**
- \_\_\_ 6. Method
    - 1) Monthly Test
    - 2) Daily Vadose Semi-annual groundwater One time soils
    - 3) Daily Vadose One time soils Annual tank test
    - 4) Monthly Gndwater One time soils
    - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
    - 6) Daily Inventory Annual tank testing Cont pipe leak det
    - 7) Weekly Tank Gauge Annual tank testing
    - 8) Annual Tank Testing Daily Inventory
    - 9) Other \_\_\_\_\_

- \_\_\_ 7. Precls Tank Test Date: \_\_\_\_\_ 2643
- \_\_\_ 8. Inventory Rec. 2644
- \_\_\_ 9. Soil Testing 2646
- \_\_\_ 10. Ground Water. 2647

- New Tanks**
- \_\_\_ 11. Monitor Plan 2632
  - \_\_\_ 12. Access. Secure 2634
  - \_\_\_ 13. Plans Submit Date: \_\_\_\_\_ 2711
  - \_\_\_ 14. As Built Date: \_\_\_\_\_ 2635

Rev 6/88

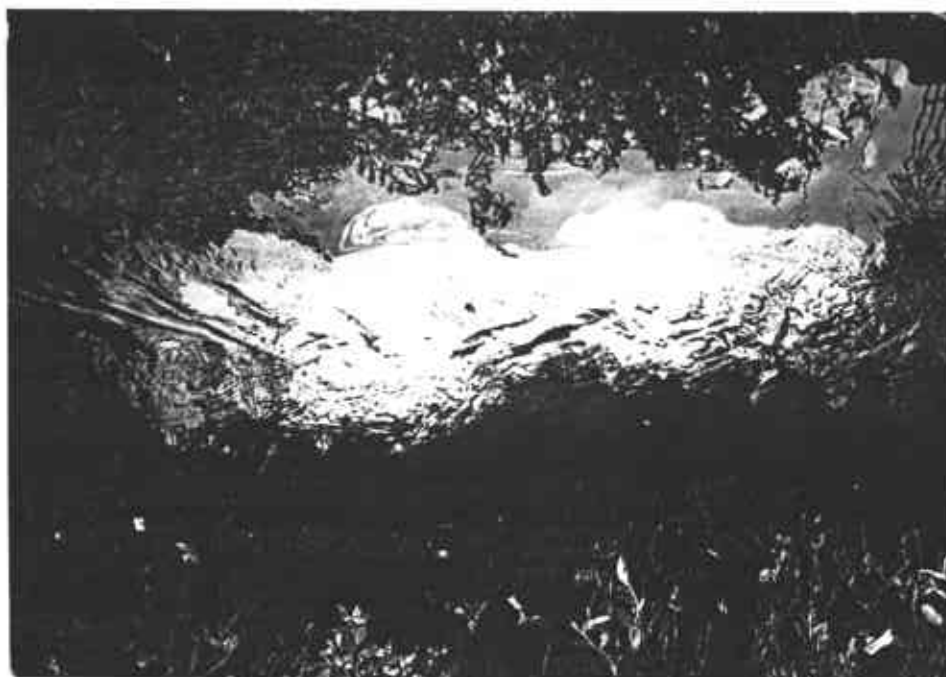
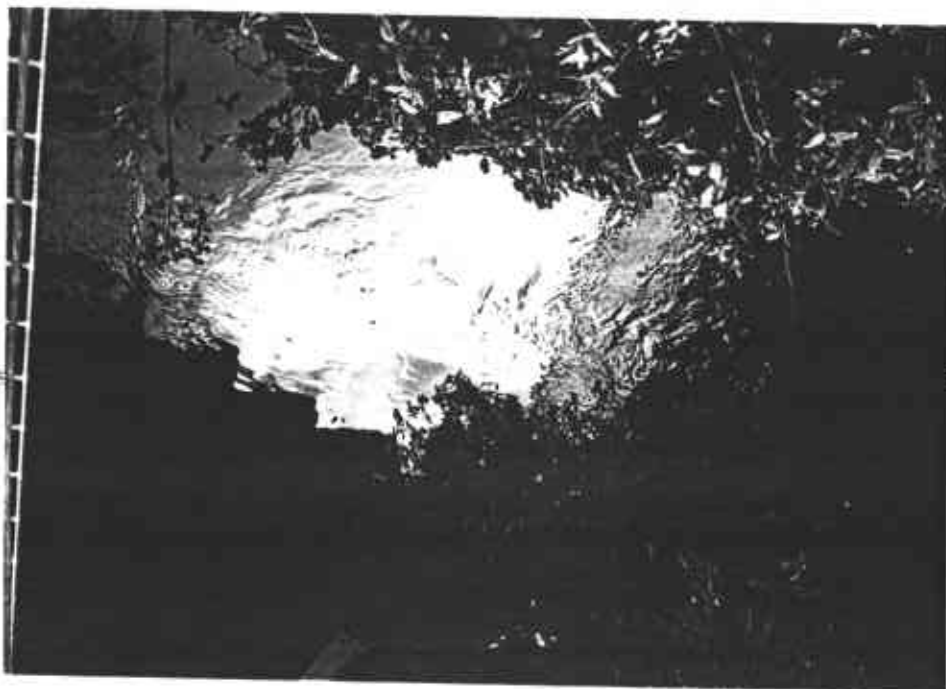
Contact: \_\_\_\_\_

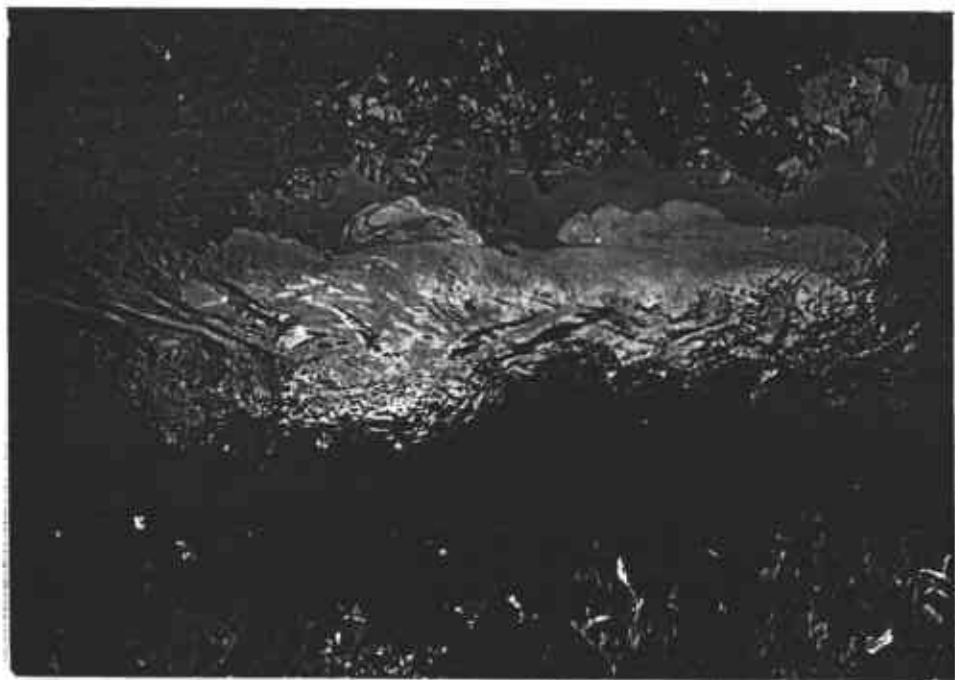
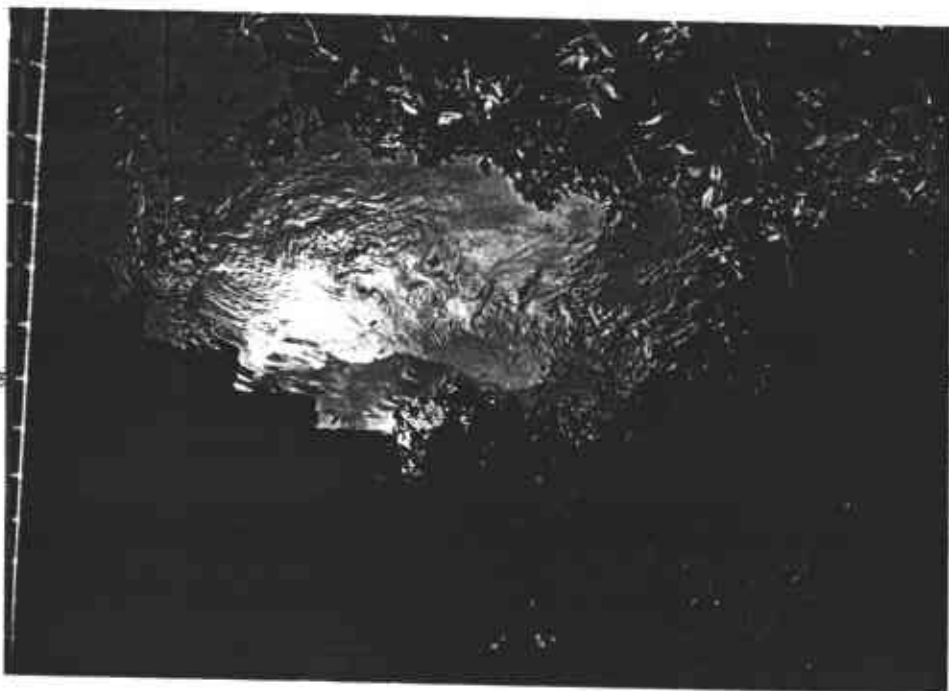
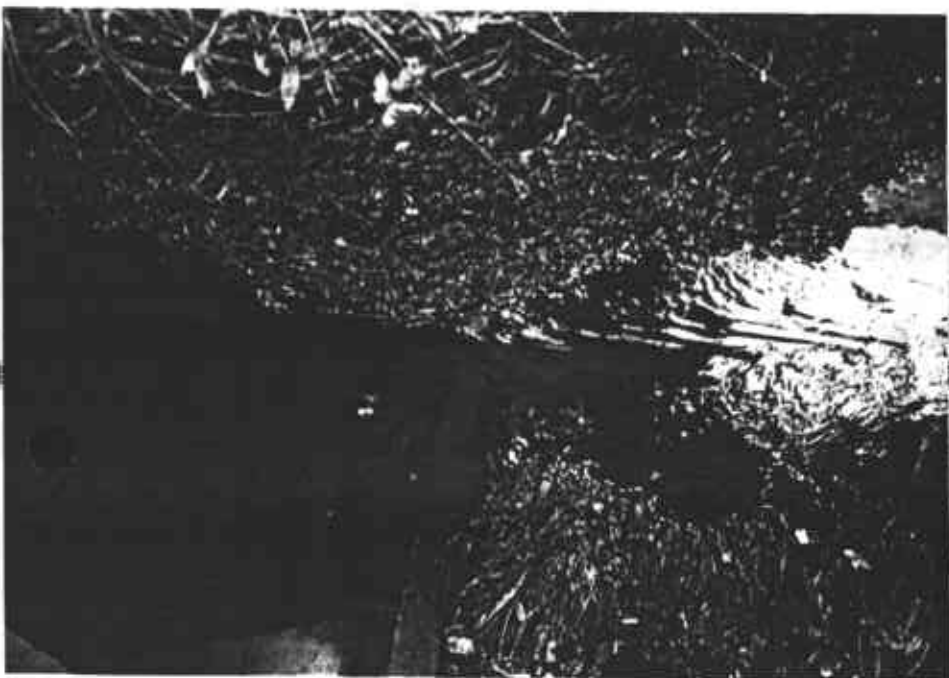
Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Inspector: D. Byrne

Signature: Dean J. Bee





Room 200

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

Telephone Number: (415) 271-4320

21 July 1988

Harold Nahler  
Kaiser Engineers Inc.  
1800 Harrison St.  
P.O. Box 23210  
Oakland, Ca. 94623

CALIFORNIA REGIONAL WATER

JUL 25 1988

QUALITY CONTROL BOARD

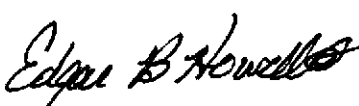
Dear Mr. Nahler:

Thankyou for presenting to our office the analytical data and site remediation plan for the AC Transit facility located at 1177 47th Street in Emeryville. A review of the submitted material indicates that the work conducted to remove all heavily contaminated soil for bioremediation treatment has been sufficiently thorough and conducted in a manner consistent with guidelines established by the Regional Water Quality Control Board. Therefore, the Alameda County Department of Environmental Health, Hazardous Materials Division, has no objection to your pursuing construction operations at this location as detailed in your report to us.

We anticipate that you will keep us informed of all data derived from the remediation and monitoring well activities progressing at this site. In the near future, one of our inspectors will conduct an overview of the facility.

If you have any questions concerning this matter, please contact, Dennis Byrne, Hazardous Materials Specialist, at (415)271-4320.

Sincerely,

*for*   
Rafat A. Shahid, Chief,  
Hazardous Materials Division

RAS:DB

cc:Lisa McCann, RWQCB

**KAISER  
ENGINEERS**

LHM

NC

KAISER ENGINEERS (CALIFORNIA) CORPORATION  
1800 HARRISON STREET  
POST OFFICE BOX 23210  
OAKLAND, CALIFORNIA 94623  
(415) 268-6000

July 13, 1988

**CALIFORNIA REGIONAL WATER**

JUL 15 1988

Regional Water Quality Control Board  
1111 Jackson St., Room 6000  
Oakland, CA 94607

**QUALITY CONTROL BOARD**

Attention: Peter Johnson

This letter transmits a copy of the report entitled "Characterization and Conceptual Remedial Action Plan for Soil at a Portion of AC Transit's Emeryville Facility."

This report was prepared for AC Transit by Kaiser Engineers' Environmental Controls and Remediation Department, upon request of the Alameda County Health Agency.

If you have any questions, please do not hesitate to call Frank Fenzel at (415) 268-6376.

Very truly yours,

Frank Fenzel

Attachment

**KAISER  
ENGINEERS**

ZHM

NC

KAISER ENGINEERS (CALIFORNIA) CORPORATION  
1800 HARRISON STREET  
POST OFFICE BOX 23210  
OAKLAND, CALIFORNIA 94623  
(415) 268-6000

July 13, 1988

**CALIFORNIA REGIONAL WATER**

**JUL 15 1988**

**QUALITY CONTROL BOARD**

Regional Water Quality Control Board  
1111 Jackson St., Room 6000  
Oakland, CA 94607

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If you have any questions, please do not hesitate to call Frank Fenzel at (415) 268-6376.

Very truly yours,

Frank Fenzel

Attachment



**KAISER  
ENGINEERS**

KAISER ENGINEERS (CALIFORNIA) CORPORATION  
1800 HARRISON STREET  
POST OFFICE BOX 23210  
OAKLAND, CALIFORNIA 94623  
(415) 268-6000

July 11, 1988

Alameda County Health Agency  
80 Swan Way, Room 200  
Oakland, California 94621

Attention: Dennis Byrne

Dear Mr. Byrne:

This letter transmits a copy of the report entitled "Characterization and Conceptual Remedial Action Plan for Soil at a Portion of AC Transit's Emeryville Facility."

This report was prepared for AC Transit by Kaiser Engineers' Department of Environmental Controls and Remediation.

This report has been prepared to provide the information requested by the Alameda County Health Agency in a meeting on June 22, 1988 attended by Lowell Miller and Dennis Byrne of the Alameda County Health Agency and Frank Fenzel of Kaiser Engineers.

Attached to this letter is the agency requested check for \$700.00 to cover the cost of reviewing this document.

KE would like to request a meeting with you at your earliest convenience to discuss how soon it will be possible to resume construction at the site. This sense of urgency follows from the fact that AC Transit urgently needs the bus parking area that construction will furnish.

If you have any questions, please do not hesitate to call Frank Fenzel at 415 - 268-6376.

Very truly yours,

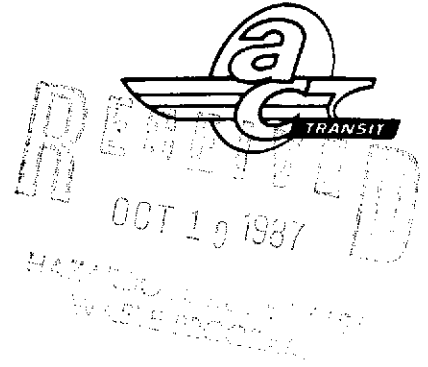


Frank Fenzel

Attachment

Project # US24536  
Fee Paid \$700.00  
Date 7/11/88

October 15, 1987



Mr. Peter Johnson  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1111 Jackson Street, Rm. 6040  
Oakland, CA 94607

Dear Mr. Johnson:

Subject: AC Transit Facilities Improvement Program  
Division 2, Emeryville Reconstruction  
Contract D2-5, Demolition, Paving & Soundwall  
Finding of Contaminated Soils

In the process of investigating the underground storage tanks at the Emeryville site, Kaiser Engineers has notified us that there is evidence of hydrocarbon contamination in a confined area of soils under the building being razed. The source of the contamination seems to be the mechanic's pit in the old bus maintenance building. There is minimal evidence of tank leakage based on current data; however, these tanks are contained in a concrete vault.

We have undertaken a more comprehensive investigation of the area and will within 8 weeks submit a report to the Regional Water Quality Control Board that will include

- o characterization of contaminants;
- o definition of site plan;
- o description of remedial actions to be taken;
- o evaluation of any residual risks and costs, if mitigation is required; and
- o monitoring program plan.

If you have any questions, please call me at 891-4959; Hal Nahler, Project Manager, Kaiser Engineers, at 891-4888; or Dr. Beverly Ausmus, Manager of Environmental Controls and Remediation, Kaiser Engineers, at 268-6330.

Very truly yours,

George Skezas  
Facilities Administrator

gd

cc: Lowell Miller - Alameda County  
B. Ausmus - KE  
H. Nahler - KE  
S. Whitehead - KE

NRC Case # : Region Case #: 87-3837  
Date Reported: 09/04/87 Time: 935 Received By: CJ/TAT

Reported By : LOC/TAT  
Organization: CITY OF EMERYVILLE(W. KOBE) Calling as: LOCAL  
Address : 2200 POWELL ST. 12TH FLR.  
ALAMEDA <-- County  
EMERYVILLE , CA 94608  
Telephone : 415-654-6161

Resp. Party : SUSPECTE:AC TRANSIT  
Address : 508 16TH ST.  
ALAMEDA <-- County  
OAKLAND , CA 94612  
Telephone : 415-891-4777

Spill Location: S.P.R.R. W./S OF 53RD ST.  
ALAMEDA  
EMERYVILLE , CA

Spill Date: 09/04/87 Spill Time: 830

Material =	0	UN/DOT	CAS	CHRIS	QUANT	UNITS	RQ	>R
OIL					0		0	
					0		0	
					0		0	

Source of Spill: - PIPELINE VID#: NONE  
--Description-- Source Code: 0  
FR:PIPE NR:CREEK/FLO TO WATER.

Medium Affected: - WATER Waterway: TEMESCAL CREEK Code: 203

Cause of Spill : - UNKNOWN  
--Description--  
FR:PIPE NR:CREEK/FLO TO WATER.

Deaths: Injuries: Property Damage > \$50,000 :

--Response Action-- Evacuation : N  
ALAMEDA/CONTRA COSTA TRANSIT SYSTEM=CU/BOOMED & PUMPED OUT.

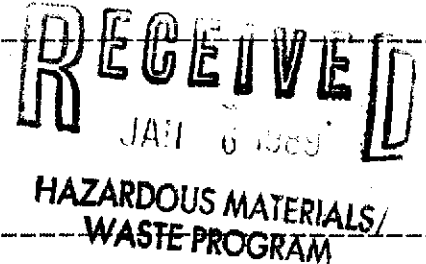
Caller Notified: - STATE/LOCAL  
Agency Name : CITY/CODOH/RWQCB/CF&G/TAT

--Comments-- Additional Info: N  
POOL OF OIL UNDER PIPE/TAT NOTIFIED CF&G;RWQCB/RWQCB & CODOH RESPONDED./BE-  
LIEVE RP IS AC TRANSIT-COMING FROM THEIR GARAGE.

Responding Agency: - DISCHARGER  
Agency Name : RP=CU

--Comments--

Referred: CAP#: HAZ/DISP#:



Del Monte Corporation - Plant No. 35  
1250 Park Avenue, Emeryville, CA 94608-3685  
Telephone: (415) 420-2500



JOHN T. UPMEIER  
SHIFT SUPERVISOR

*John T. Upmeier*

DRAFT APPROACH TO SITE INVESTIGATION/REMEDIATION

AC Transit Facility  
Emeryville, California

1)

- a: Begin initial free-product recovery in pea gravel area.
- b: Remediate sewer and culvert area where lost hydrocarbons flowed after interceptor.

2)

- a: Review all data available from the original tank removal (~two years ago), from work done at the facility since then and work done due to this leak.
- b: Put together a workplan for a comprehensive soil and groundwater investigation to address the facility as a whole, including: offsite sources; groundwater quality coming onto the site; and groundwater quality leaving the site.
- c: Perform program to characterize site.

3)

Review all data from site investigation and prepare a workplan for site remediation that deals with vadose and saturated zone soils and groundwater as well as surface water. Design an overall site plan that will deal with all the facility's needs in one plan.

4)

Prepare a monitoring program for the facility and train AC Transit personnel to perform all tasks that can be handled by AC Transit.

check 5901 Christie for UGT record

1st leak 4/4 reported sheer seen

Excavation to start Friday 4/21  
Meeting to be held Monday 3:30

Meet 4/24

Fri changed Booms and pads  
oil residue found below soil surface

caution tape to be placed around access

Elain Leches } Ericson geologists  
Sherwood Lovejoy }

80,000 gallons of water + diesel collected from AC lot  
20% product

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY  
~~XXXXXXXXXXXX~~ Agency Director



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

March 5, 1987

Mr. Steve Whitehead  
Kaiser Engineers  
508 - 16th Street  
Oakland, CA 94612

Dear Mr. Whitehead:

We are in receipt of your letter with attachments of Baseline Environmental Consultants reports for both, the excavation and monitoring well installation at 1140 - 45th Street, Emeryville, and copies of the manifest generated due to this clean-up. Thank you for your response.

With these documents, we consider your plan of correction as completed.

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

Sincerely,

Rafat A. Shahid, Chief  
Hazardous Materials Program

RAS:mm-c

cc: Dwight Hoenig, DOHS  
Peter Johnson, RWQCB  
Gil Jensen, Alameda County District Attorney, Consumer & Environmental  
Protection Agency  
Gerald Winn, Director, Environmental Health

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY  
~~XXXXXXXXXXXX~~ Agency Director



*Handwritten signature*

*File*

CALIFORNIA REGIONAL WATER

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

FEB 23 1987

February 18, 1987

QUALITY CONTROL BOARD

*B3*  
*3/10/87*  
*GSZ*

Mr. Steve Whitehead  
Kaiser Engineers  
508 - 10th Street  
Oakland, CA 94612

*AC TRANSIT*

*New Co. 01*

Dear Mr. Whitehead:

On February 3, 1987, an on-site visit of 1140 - 45th Street, Emeryville, revealed that the tanks had been removed, the holes refilled with soil and concrete pod had been placed over the area.

*Alameda*

Please submit to this office, as requested in our letter dated, December 12, 1986:

1. analysis of soils taken from the removal site
2. analysis of soils taken below the contaminated soils to assure that the area was cleaned of all contamination exceeding 1,000 ppm Total Hydrocarbons, (Petroleum)
3. manifests for all soil removed from the site and location of disposal
4. well log of the monitoring well installed per RWQCB requirements
5. site plan showing the location of the monitoring well installed

*TC*

When these items are received, we will check the site for final inspection and submit a letter to that effect.

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

Sincerely,

*Rafat A. Shahid*

Rafat A. Shahid, Chief  
Hazardous Materials Program

RAS:mnc

- cc: Dwight Hoenig, DOHS  
Pete Johnson, RWQCB  
Gerald Wim, Director, Environmental Health  
Gil Jensen, Alameda County District Attorney, Consumer & Environmental Protection Agency



ALAMEDA COUNTY  
HEALTH CARE SERVICES



DAVID J. KEARS AGENCY  
~~XXXXXXXXXXXX~~, Agency Director

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

December 12, 1986

Mr. Steve Whitehead  
Kaiser Engineers  
508 - 16th Street  
Oakland, CA 94612

Dear Mr. Whitehead:

We are in receipt of your plan of correction for A. C. Transit facility in Emeryville, CA. The plan is acceptable in general, but we must receive copies of:

- (1) All completed manifest
- (2) Analysis of samples taken to assure all contaminated soil exceeding 1,000 mg/kg is removed
- (3) Well log and results of monitoring well samples taken

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

Sincerely,

Rafael A. Shahid, Chief  
Hazardous Materials Program

RAS:mn-c

cc: Dwight Hoenig, DOHS  
Peter Johnson, RWQCB  
Gerald Winn, Director, Environmental Health

**KAISER  
ENGINEERS**

KAISER ENGINEERS (CALIFORNIA) CORPORATION  
C/O AC TRANSIT  
508-16TH STREET  
OAKLAND, CALIFORNIA 94612  
(415) 891-4888

RECEIVED  
NOV 08 1986

October 29, 1986

HAZARDOUS MATERIAL/  
WASTE CONTROL

Mr. Rifat Shaid  
Manager Hazardous Material  
Alameda County Dept. of Environmental Health  
470 27th Street, Room 322  
Oakland, CA 94612

Dear Mr. Shaid:

Subject: AC Transit Facilities Improvement Program  
Division 2, Emeryville Reconstruction  
Notice of Hazardous Material in Soil at Old Fuel Island

AC Transit is in the process of rebuilding the Emeryville Division located at 45th Street and San Pablo Avenue in Emeryville, California. This facility was constructed in 1937 and has been used as a bus operations center since that time. New fueling facilities have been constructed and have been in operation for two months.

During preparation for demolition of the old fuel island and for removal of the old underground diesel and gasoline tanks, the District engaged an environmental consulting firm to perform soil sampling in the underground tank area and to perform analyses on the soil samples. The results of such tests show that over the years leakage or spillage has occurred such that the level of hydrocarbons identified in the soil is above the action limits of the California Department of Health Services. A copy of test reports are attached as Attachment No. 1.

As-built drawings do not exist for the old facility, so it is not certain whether tanks were located with a concrete vault. Initially from surface features, it appeared a vault may have been present. However, from test results it appears that if a vault exists it did not necessarily provide containment of leaked material, or surface spillage went beyond the vault limits.

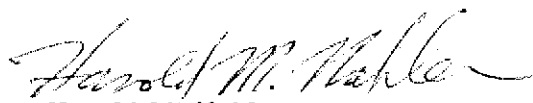
Further sampling and testing has been performed to better define the limits of the contamination and to plan for removal of the underground tanks and the contaminated soil. The report resulting from this testing is attached as Attachment No. 2.

Mr. Rifat Shaid  
October 29, 1986  
Page 2

The District plans to implement the plan recommended by the environmental consultant. This plan is to remove the tanks and to remove all material containing hydrocarbons in excess of 1000mg/kh. Following the tank and soil removal, soil samples will be taken and analyzed to verify that contaminated materials have been removed. In addition, a monitoring well will be installed to identify potential groundwater contamination. The above work will be in accordance with county and state regulatory requirements and will be coordinated with your agencies.

If you have any questions regarding this situation, you can contact me at 891-4888, or Mr. Steve Whitehead at 632-0575.

Very truly yours,



Harold M. Nahler  
Project Manager

rt  
Enclosures

cc: N.A. Gage - AC Transit  
S. Whitehead - KE  
Ted Gerow

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVE KEARS

AGENCY

Agency Director



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

July 22, 1986

Mr. Raymond Cambra  
Safety Coordinator  
A C Transit  
508 - 16th Street  
Oakland, CA 94612

Dear Mr. Cambra:

On July 16, 1986 an inspection was conducted of your premises at 1140 45th Street in Emeryville. The following violations of the California Administrative Code, Title 22, Division 4, Chapter 30, were discovered:

1. Sec. 66471 - The nature of the hazardous materials (waste coolant, waste oils, cleaning solvents, bus washing liquids, alkaline wash waters, rust inhibitors, discarded has not been determined).
2. Sec. 66480 - manifests were not prepared for transporting all the waste offsite.
3. 49CFR 172.304 and CAC Sec. 66504 - hazardous waste containers were not properly marked (5 gal cans in pit areas, drums stored around the site).
4. H & SC 25189.5 - Waste coolant ("Nalcool") was observed leaking near the bus pit areas. Oil and grease were observed on the ground in the drum storage areas. Diesel fuel and grease were also observed throughout the facility.
5. Sec. 67124 - Adequate aisle space was not available in the chemical storage areas.
6. Sec. 67126 - Arrangements were not made with local authorities for potential need for services.
7. Sec. 67140 - A contingency plan for the facility was not prepared.
8. 49CFR 172.304 and CAC Sec. 66504 - Hazardous waste containers were not properly marked (5 gal. storage cans, drums throughout the facility).
9. Sec. 67245 - The container storage area did not have an impervious base, proper slope, containment system

for leaks, or sumps.

In accordance with Sec. 66328, a Plan of Correction must be submitted to this office within 30 days of the receipt of this letter. The plan should specify the actions to be taken to address the above violations and the expected dates of completion.

In addition please submit plot plans which will include the piping from all potential hazardous material and hazardous waste storage areas. This should identify all sumps, drains, and tanks into which waste oil, transmission fluid, coolant, and bus washwater is drained.

Your attention is directed to sections 25184, 25189, and 25191 of the California Health and Safety Code which provides for civil and criminal penalties of up to \$50,000 per day per violation for violation of its regulations.

If you have any questions concerning this matter, please contact Lowell Miller at 874-7237.

Sincerely,

Rafat A. Shahid, Manager  
Hazardous Materials Program

cc: Dwight Hoenig, DOHS  
Gil Jensen, Alameda County District Attorney,  
Consumer and Environmental Protection

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



J. MICHAEL LEAHY, Agency Director

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

Site ID  
Name AC Transit Emeryville  
Address 1140 USA Street  
City/ZIP Emeryville, CA 94606

Date 7/16/86  
Contact Herman Johnson  
Phone 991-4928  
EPA ID

The marked items represent violations of the Calif. Administrative Code:  
General

- 1.  Waste ID 66471
- 2.  EPA ID's 66472
- 3.  >90 day Stor 66508
- 4.  Labels 66504
- 5.  Biennial RPT 66493
- 6.  Records 66492

Comments: 1. horizontal drum racks, no pens  
2. water and soap containers uncovered  
3. oil/grease, diesel disintegrated through out facility  
4. Natcool (coolant) spilled

- Manifest
- 7.  Correct 66480
  - 8.  Copies sent 66484
  - 9.  Except RPT 66484
  - 10.  Copies Rec 66492

5. ZEP container uncovered  
6. collection of fuel cans, oil, water not labeled (pit area)

- Misc
- 11.  Treatment 66371
  - 12.  On-site Disp H&S 25189.5 66371
  - 13.  ExHazWaste 66570

7. MSDS sheets not available  
8. oil spillage outside waste oil tank  
9. not clear where runoff from fuel tank

- Prevention
- 14.  Communica 67121
  - 15.  Aisle space 67124
  - 16.  Local Emer 67126
  - 17.  Maintenance 67120
  - 18.  Training 67105

10. Evidence of spillage in storage area  
11. drums, containers not properly labeled  
12. Curtis Wells, Leader man of Inspection pits accompanied inspection in facility

- Contingency
- 19.  Prepared 67140
  - 20.  Name List 67141
  - 21.  Copies 67141
  - 22.  EmerCoorTng 67144

- Containers, Tanks
- 23.  Condition 67241
  - 24.  Compatibility 67242
  - 25.  Maintenance 67243
  - 26.  Inspection 67244
  - 27.  Buffer zone 67246
  - 28.  Tank Insp 67259
  - 29.  Closure 67260
  - 30.  Safe Store 67261
  - 31.  Freeboard 67257

13. ~~Waste cans not stored~~ to oil water separator  
14. Prem storage area not up to standards

- Other
- 32.

Inspector  
Name Lowell Miller  
Sign Lowell Miller

Authorized Rep  
Name Herman Johnson  
Title Supervisor maintenance  
Sign Herman Johnson

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

CARL N. LESTER, Agency Director



NEW

DIVISION OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS MANAGEMENT UNIT

SECTION A  
MASTER FILE RECORD

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

A1. ESTABLISHMENT NAME

1141 IRVING ST. ELMWOOD

A2. MAILING ADDRESS  
STREET NUMBER

114101

STREET DIRECTION  
(N, S, E, W, ETC.)

1

STREET NAME OR P.O. BOX NUMBER

4517th St. W. Elwood

CITY

Elmwood

STATE

CA

ZIP CODE

94161018

BLDG/PLANT NO

111

A3. ESTABLISHMENT PHONE

819114191218

A4. CONTACT PERSON

HEIRIMANI

A5. ESTABLISHMENT ADDRESS (IF DIFFERENT FROM MAILING ADDRESS)  
STREET NUMBER

STREET DIRECTION  
(N, S, E, W, ETC.)

STREET NAME

CITY

STATE

A6. OWNER NAME

A8. NAME OF PREVIOUS OWNER

A10. SIC 1

A11. TOTAL NUMBER OF EMPLOYE

1611

This is an old address, though the building at 1140 - 45th St. is still being used. New address is 1177 - 47th St. 94608, phone 891-4928 + 4930 are ok. See: Site # 1232

A12. DO YOU HAVE PERMITS FOR ANY OF THE FOLLOWING:

- |  |  |                                      |  |
|--|--|--------------------------------------|--|
| AIR POLLUTION CONTROL DISTRICT         | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | HAZARDOUS WASTE HAULER REGISTRATION  | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |
| SEWER DISTRICT (FOR INDUSTRIAL WASTES) | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | REGIONAL WATER QUALITY CONTROL BOARD | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |
| HAZARDOUS WASTE FACILITY               | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |                                      |  |

SECTION B  
UNDERGROUND TANKS CONTAINING HAZARDOUS SUBSTANCES

Identify the type, number and total volume of underground tanks in your firm.

B1. Type	B2. No. of Tanks	B3. Total Volume/Gals.
1. Tank	13	100,000
2. Sump	2	
3. Lagoon, pit or pond	0	
4. Other	0	

no MSDS sheets on premises

- PA system
- ~~PA~~ ~~bill~~
- training programs - something being set up at <sup>Hampshire</sup>
- NAF/COULANT
- will look at winter facility

gully

ceiling

sewer line

acrylic reducer,

laser surface

horizontal chamber (reducer, laser thine

reducer

curtains wells

proper

Watson

water into sumps / trucks takes the out

transmission fluid

solvent barrels

drainage to send it stage area

so on and dirty water in uncovered  
not labelled

chessnut ~~and~~ checked over 4

grease oil

- ~~water~~ ~~oil~~ - ~~used~~ to go to ~~sewer~~ <sup>into sewer</sup>

retrofitting up the

green pit area & waste oil, etc goes to sewer,

water & fuel cans not labelled - solvent goes  
to waste oil sewer



SECTION C  
HAZARDOUS SUBSTANCES

C1. Please check if any of the following categories of hazardous substances is used or handled by your firm:

TOXIC	<input checked="" type="checkbox"/>	CORROSIVE	<input checked="" type="checkbox"/>
FLAMMABLE OR IGNITABLE	<input checked="" type="checkbox"/>	REACTIVE	<input type="checkbox"/>

C2. Please check the attached list for any of the chemical substances you receive, store, mix, treat, formulate, generate, manufacture, transport or dispose of, and enter each by the number identified on the list in the spaces below:

Sample:

11311	181610	181413	181314	181311	71916	151213	+ others 1 1 1

*Ray Camberra will complete*

CERTIFICATION

I hereby certify that the information on this form is to the best of my knowledge, true and complete

*Herman Johnson*  
Signature

Herman Johnson  
Typed or Printed Name

Superintendent - maintenance  
Title

7/16/86  
Date

Please return completed form to:

Alameda County Division of Environmental Health  
470-27th Street, Room 322  
Oakland, CA 94612  
(415) 874-7237

- waste oil burn - ~~lost~~ lots of spillage outside the area
  - recharging battery area
- Permy Island - lots of staining, spillage diesel, waste oil

- 1 gasoline
- 3 diesel tanks

disposal:

- unload gasoline, both enclosed
- back haul some AC Bus Wash - challenge clean to so good oil
- fuel island and bus wash area go to oil waste separate
- inventories not labeled PCBs going to be removed
- expected extensive contamination with diesel oil

open drums of 7EP FORM 9965E

old ones

3 diesel @ 12,000  
 1 gasoline 2000  
 New oil 8200  
 waste oil

NEW ONES

4 - 20,000 diesel  
 1 - 14,000 gas  
 into 1 - 8000 -  
 transmission  
 1 - 8000 - new oil  
 1 - 8000 rad waste  
 coolant

don't know how many tanks there are to be

LAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

CARL N. LESTER, Agency Director



Div. 2, Emeryville Reconstruction  
Bus Operating Division

DIVISION OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS MANAGEMENT UNIT

SECTION A  
MASTER FILE RECORD

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

A1. ESTABLISHMENT NAME  
 7 | A | C | T | R | I | A | N | S | I | T | I | D | I | S | T | R | I | C | T | E | M | E | R | Y | V | I | L | L | E | 36

A2. MAILING ADDRESS  
 STREET NUMBER: 5 | 0 | 1 | 8 | 37 44  
 STREET DIRECTION (N,S,E,W,ETC.): 45 46  
 STREET NAME OR P.O. BOX NUMBER: 1 | 6 | T | H | S | T | R | E | E | T | 47 66  
 CITY: 0 | A | K | I | L | A | N | D | 67 81  
 STATE: C | A | 82 83  
 ZIP CODE: 9 | 4 | 6 | 1 | 1 | 2 | 84 88  
 BLDG/PLANT NO: 93 96

A3. ESTABLISHMENT PHONE: 8 | 9 | 1 | 4 | 9 | 4 | 0 | 97 103

A4. CONTACT PERSON: G | L | G | R | O | S | S | 104 123

A5. ESTABLISHMENT ADDRESS (IF DIFFERENT FROM MAILING ADDRESS)  
 STREET NUMBER: 1 | 1 | 1 | 7 | 1 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 14  
 STREET DIRECTION (N,S,E,W,ETC.): 15 16  
 STREET NAME: 4 | 7 | T | H | S | T | R | E | E | T | 17 36  
 CITY: E | M | E | R | Y | V | I | L | L | E | 37 51  
 STATE: C | A | 52 53  
 ZIP CODE: 9 | 4 | 6 | 0 | 8 | 54 58  
 BLDG/PLANT NO: D | I | V | 2 | 63 66

A6. OWNER NAME: A | C | T | R | I | A | N | S | I | T | I | D | I | S | T | R | I | C | T | 67 86

A7. OWNER PHONE: 87 96

A8. NAME OF PREVIOUS OWNER: K | E | Y | S | I | S | T | E | M | 97 116

A9. DATE YOU STARTED OR ASSUMED BUSINESS  
 MO: 1 | DAY: 1 | YR: 6 | 1 | 0 | 117 122

A10. SIC 1: 4 | 1 | 1 | 7 | 1 | 2 | 52 53 or 37-3710

A11. TOTAL NUMBER OF EMPLOYEES: 1 | 6 | 1 | 5 | 1 | 5 | 8 11

A12. DO YOU HAVE PERMITS FOR ANY OF THE FOLLOWING:

AIR POLLUTION CONTROL DISTRICT	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	HAZARDOUS WASTE HAULER REGISTRATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
SEWER DISTRICT (FOR INDUSTRIAL WASTES)	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REGIONAL WATER QUALITY CONTROL BOARD	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
HAZARDOUS WASTE FACILITY	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N		

SECTION B  
UNDERGROUND TANKS CONTAINING HAZARDOUS SUBSTANCES

Identify the type, number and total volume of underground tanks in your firm.

B1. Type	B2. No. of Tanks	B3. Total Volume/Gals.
1. Tank	1 4	1 4 9 0 0 0
2. Sump	1	
3. Lagoon, pit or pond		
4. Other - oil separators	2	7 0 0 0

SECTION C  
HAZARDOUS SUBSTANCES

iv. 2 Emeryville Reconst  
Bus Operating Division

C1. Please check if any of the following categories of hazardous substances is used or handled by your firm:

TOXIC  CORROSIVE   
 FLAMMABLE OR IGNITABLE  REACTIVE

C2. Please check the attached list for any of the chemical substances you receive, store, mix, treat, formulate, generate, manufacture, transport or dispose of, and enter each by the number identified on the list in the spaces below:

Sample:

Diesel							
1311	355	803	807	813	814	821	831
834	835						

CERTIFICATION

I hereby certify that the information on this form is to the best of my knowledge, true and complete

Signature \_\_\_\_\_

Typed or Printed Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Please return completed form to:

Alameda County Division of Environmental Health  
 470-27th Street, Room 322  
 Oakland, CA 94612  
 (415) 874-7237

COMPLAINT/EVALUATION

DATE: 7-3-86 TIME: 1:40, 3:30 No: 185

COMPLAINT RECEIVED BY: Carthy - Tom

NAME OF COMPLAINANT: Anon - Tamara Tinto

ADDRESS: EPA Spill Phone CITY: SF. PHONE: 543-5099

SUBJECT OF COMPLAINT: Hydraulic fluid is routinely let leak on the ground - 100s of gallons - contamination all over.

ADDRESS OF FACILITY (SUBJECT OF COMPLAINT): 10626 E. 14th St, Oak

NAME: Oakland AC Transit yard PHONE: \_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_

ACTIONS TAKEN: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INVESTIGATED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

APPLIED TIME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

678

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVE KEARS AGENCY  
~~XXXXXXXXXX~~ Agency Director



*2/25/86  
file  
- to well - in file  
AC / Transit*

470-27th Street, Third Floor  
Oakland, California 94612  
(415) 874-6434

June 20, 1986

Mr. Hal McClain  
Kaiser Engineers, Inc.  
508-16th Street  
Oakland, CA. 94516

Attn: c/o A.C. TRANSIT

Dear Mr. McClain:

The question has been raised regarding the integrity of secondary containers to prevent passage of groundwater into the space between the primary and secondary container.

Reference is made to Section 2635 and Title 23 C.A.C. entitled, "General Construction Standards" and specifically sub-paragraph (c), (2) which states, "The secondary container must be capable of precluding the inflow of the highest groundwater anticipated during the life of the underground storage tank into the space between the primary and secondary containers." The code section is clear on this matter. The liner material of the secondary container be it fabric, concrete, fiberglass or any other material must preclude the loss of product from inside through the container skin or the inflow of liquid from outside.

It is not possible for this office to approve of or guarantee the permeability of the membrane liner installed at any site for a secondary containment. We accept the manufacturers documentation that such liner meets the standards (ASTM) for themoplastic materials.

We believe this correspondence will clarify our position relative to this matter.

Sincerely,

T. M. Gerow  
Public Health Engineer  
Division of Environmental Health

TMG/cdb  
McClain

cc: **Hazardous Materials**