

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

December 27, 2006

Mr. Michael C. Irby
City of Livermore, Engineering Division
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Fuel Leak Case No. RO0002909 and Geotracker Global ID T06019786373, City of Livermore Airport, 636 Terminal Drive, Livermore, CA 94550 – Work Plan Comments

Dear Mr. Sidhu:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above referenced site, including the recently submitted document entitled, "Proposed Phase II Soil and Groundwater Sampling and Site Assessment Work Plan, prepared on your behalf by Consolidated Engineering Laboratories. The Work Plan proposes soil and groundwater sampling from eight soil borings, most of which are located south and west of the fuel lines and remote fill area. As discussed in the technical comments below, investigation is required in closer proximity to the potential sources of contamination to assess the extent of residual contamination and water quality beneath. Therefore, we request that the proposed boring locations be revised as shown on the attached Revised Figure 2 and two additional borings be advanced near potential source areas. The proposed scope of work may be implemented without submittal of a revised Work Plan provided that the technical comments and modifications to the site investigation are addressed and incorporated during the field investigation. Submittal of a revised work plan is not required unless you make an alternate proposal to the scope of work discussed in the technical comments below.

We request that you address the following technical comments, 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 jerry.wickham@acgov.org) prior to the start of field activities.

REQUEST FOR INFORMATION

Please submit for ACEH files, the June 14, 2006 letter referenced in the Work Plan, which was prepared by Consolidated Engineering Laboratories regarding soil stockpile sampling. This letter is not currently included in ACEH files.

TECHNICAL COMMENTS

1. **Documentation of Excavation and Sampling Activities.** The Work Plan provides general background information regarding excavation and sampling activities that took place from November 2005 to June 2006 for the fuel line upgrade. Documentation of disposal of soils is also provided. However, limited oversight and observation by the environmental consultant

appears to have taken place during excavation to document the field activities. Documentation and reporting of the excavation activities remains incomplete. Additional investigation is required in the area of the fuel line and remote fill area to assess the conditions.

2. **Proposed Soil Boring Locations.** The Work Plan proposes eight soil borings, primarily located south and west of the fuel line and remote fill area. Only one soil boring is proposed in close proximity to the sources of petroleum contamination. Additional investigation is required in the area of the fuel line and remote fill to assess the extent of fuel releases in the source area, the potential presence of free product, and impacts to water quality. As discussed in technical comment 1, limited information is currently available in the area of the fuel releases. Therefore, we request that the soil boring locations be revised and two additional borings advanced as shown on the attached Revised Figure 3 in order to assess the extent of contamination in the source area and impacts to groundwater.
3. **Proposed Soil Sampling.** We request that soils be continuously logged and screened in the field. Soil samples are to be collected for laboratory analysis at significant vertical changes in soil type, the top of the capillary fringe, and from zones where visible staining, odor, or elevated PID readings are observed. Please note that if visible staining, odor, or elevated PID readings are observed, a sufficient number of soil samples must be collected to characterize the vertical interval over which the contamination occurs. If no visible soil staining, odor, or elevated PID readings are observed, a minimum of three soil samples are to be collected for laboratory analysis from each soil boring with one soil sample collected at the depth interval most likely to be impacted by the nearest potential source (depth immediately below fuel line or UST or 2 feet bgs for surface source), one soil sample collected at a lithologic change between 10 to 20 feet bgs, and one soil sample collected from the capillary fringe. Please present boring logs, well completion diagrams, screening results, and analytical data for soil samples in the Site Investigation Report requested below.
4. **Proposed Groundwater Sampling and Analyses.** The proposed grab groundwater sampling and analyses are acceptable. Please present results in the Site Investigation Report requested below.
5. **Well Survey.** We request that you locate all water supply 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 the Zone 7 Water Agency and the State of California Department of Water Resources, at a minimum. Submittal of maps showing the location of all wells identified in your study, and the use of tables to report the data, including well construction details, collected as part of your survey are required. Well construction details are to include the well diameter, screen slot size, total depth of the boring, depths of the screened interval, depths of the filter pack, year of installation, and other construction details that may be relevant. The status of the water supply well, whether active, decommissioned, or unknown is to be included where known. Please present your results in the Site Investigation Report requested below.
6. **Geotracker Submittals.** A review of the SWRCB Geotracker website indicates that no data or reports have been submitted to Geotracker for your site (Geotracker Global ID T06019786373). Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001,

all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please upload all analytical data (collected on or after September 1, 2001) and a copy, in PDF format, of all reports prepared after July 1, 2005.

TECHNICAL REPORT REQUEST

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

- **May 17, 2007 – Site 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.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will 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 (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. 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 monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (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

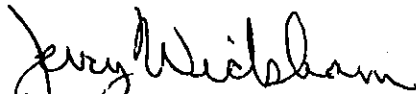
Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, we strongly encourage you to call the Fund for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

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) 567-6791.

Sincerely,


Jerry Wickham, P.G.
Hazardous Materials Specialist

Attachment: Revised Figure 2

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

Mr. Michael C. Irby
December 27, 2006
Page 5

cc: Colleen Winey, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

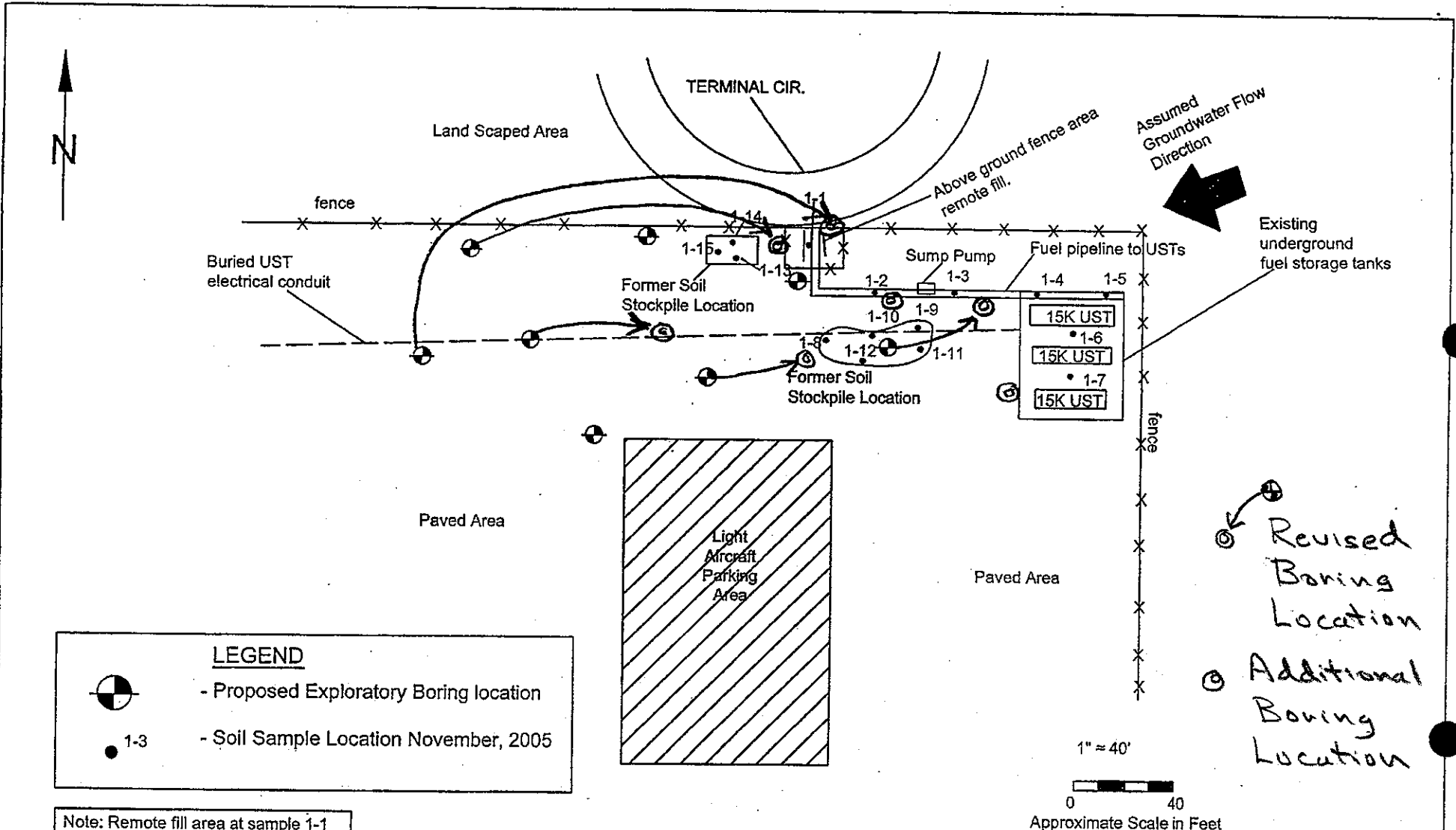
John Rigter
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

Harjit Sidhu
City of Livermore, Engineering Division
1052 S. Livermore Ave.
Livermore, CA 94550

Sunil Ramdass
SWRCB Cleanup Fund
1001 I Street, 17th floor
Sacramento, CA 95814-2828

Christopher Palmer
Consolidated Engineering Laboratories
5466 Pirrone Road
Salida, CA 95368

Donna Drogos, ACEH
Jerry Wickham, ACEH
File



LEGEND

- Proposed Exploratory Boring location
- 1-3 - Soil Sample Location November, 2005

Note: Remote fill area at sample 1-1 excavated to depth of 15-feet to remove contaminated soil.

Revised Figure 3

Proposed Exploratory Boring Locations Airport Jet Fuel Line Replacement	81-01824-A	December 2006
CONSOLIDATED ENGINEERING LABORATORIES	City of Livermore, Airport Livermore, CA	Figure 3 Site Plan

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HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



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September 22, 2006

Mr. Harjit Sidhu
City of Livermore, Engineering Division
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Fuel Leak Case No. RO0002909, City of Livermore Airport, 636 Terminal Drive, Livermore, CA 94550 – Request for Work Plan

Dear Mr. Sidhu:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site, which includes the documents listed below. This correspondence supercedes our recent September 15, 2006 correspondence since we recently reviewed additional items previously submitted by the City of Livermore. In our initial correspondence dated May 1, 2006, we requested that you submit a Work Plan for a soil and groundwater investigation. Our request for a Work Plan was based on review of the report entitled, "Environmental Sampling, Testing and Evaluation of Soil," dated November 16, 2005. However, additional excavation and sampling beyond that described in the November 16, 2005 report has taken place at the site. The City of Livermore responded to the May 1, 2006 request by submitting several of the additional documents listed below on May 24, 2006. Based on our recent review of the additional documents submitted on May 24, 2006, the descriptions of the excavation and sampling activities are incomplete as discussed in the technical comments below.

We request that you prepare a Work Plan that proposes additional investigation to assess the extent of soil contamination and determine if groundwater contamination is present beneath your site. We recommend that your investigation incorporate expedited site assessment techniques to collect soil samples and depth-discrete groundwater samples prior to the installation of groundwater monitoring wells. In addition, we request that the Work Plan include a section that documents the fuel line excavation and sampling activities that were conducted at the site.

Please submit a work plan documenting the soil excavation and sampling activities and detailing your proposal to define the extent of soil and groundwater contamination **by December 8, 2006**. This report is being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code.

DOCUMENTS IN ACEH FILES

1. Report entitled, "Environmental Sampling, Testing and Evaluation of Soil," dated November 18, 2005 and Revised December 14, 2005, prepared by Consolidated Engineering Laboratories (34 pages).

2. Letter entitled, "Earthwork Report," dated December 30, 2005, prepared by Consolidated Engineering Laboratories (1 page).
3. Analytical Report dated December 12, 2005, prepared by Severn Trent Laboratories, Inc. (12 pages).
4. Analytical Report dated November 15, 2005, prepared by Severn Trent Laboratories, Inc. (66 pages).
5. Analytical Report dated November 15, 2005, prepared by Severn Trent Laboratories, Inc. (31 pages).
6. Site Plan (1 page)
7. Report entitled, "Environmental Sampling, Testing and Evaluation of Soil," dated November 16, 2005, prepared by Consolidated Engineering Laboratories (13 pages).
8. Internal Memo from Christopher Palmer to Marc Hachey, Consolidated Engineering Laboratories, undated (2 pages).
9. Livermore Pleasanton Fire Department Contaminated Site Case Transfer Form dated November 28, 2005 and Unauthorized Release Form dated November 18, 2005.

TECHNICAL COMMENTS

1. **Documentation of Excavation and Sampling Activities.** The two reports entitled, "Environmental Sampling, Testing and Evaluation of Soil," one dated November 16, 2005 and the other dated November 18, 2005 - Revised December 14, 2005 do not document the excavation and sampling activities sufficiently to assess the effectiveness of the excavation and the extent of contamination left in place. The reports do not describe the project background such as fuel line upgrade activities, observations of staining or odor, whether any screening activities were conducted, or documentation of site activities other than collection of 15 soil samples on November 10, 2005. Based on review of an internal memo, it appears that additional excavation beyond that discussed in the December 14, 2005 report occurred at the site between November 10 and November 21, 2005. Analytical reports indicate that soil samples were collected on November 21, 2005; however, the December 14, 2005 report does not present or discuss these data. The following documentation and descriptions of the excavation are not provided: the location and extent of the final excavation, whether contamination was observed in the sidewalls or bottom when excavation was halted, the location and rationale for confirmation samples collected on November 21, 2005, screening results during the excavation, and disposal of contaminated soils. In order to assess the effectiveness of excavation activities in removing contaminated soil at the site, we request that you provide adequate documentation of the project background and complete excavation activities in the Work Plan requested below.
2. **Site Plan.** The Site Plan labeled Figure 1 in the December 14, 2005 report requires several improvements. In the Work Plan requested below and in future reports, please provide a Site Plan that includes all features associated with the fuel lines and the excavation, utilities that

may act as preferential pathways, a description of the surface cover such as concrete, asphalt, or bare ground, a scale, any features that would be obstructions for future work at the site, any major features that can be used as reference points, and a key that locates the site plan within the airport.

3. **Comparison to Screening Levels and Tables.** The text and tables in the December 14, 2005 report present Total Petroleum Hydrocarbon as gasoline (TPHg) concentrations in ppm and compare the concentrations to screening levels with units of ppm. The analytical reports for 15 soil samples collected on November 10, 2005 report TPHg concentrations in micrograms per kilogram ($\mu\text{g}/\text{kg}$) rather than ppm. As an example, soil sample 1-1 is identified in the text and table of the December 14, 2005 report as having a TPHg concentration of 8,000 ppm as compared to an Environmental Screening Level (San Francisco Regional Water Quality Control Board) of 400 ppm. However, the analytical report for sample 1-1 indicates that the concentration of TPHg in the sample is 8,000 $\mu\text{g}/\text{kg}$, which is equivalent to 8 ppm. Please correct the reported TPHg values in future reports. The Environmental Screening Levels cited in the text and table appear to be incorrectly cited and are also not appropriate for the site. The site is within a drinking water basin; therefore, a comparison to screening levels where groundwater is not a current or potential source of drinking water is not acceptable.
4. **Soil Disposal.** Please document the final disposal or reuse of excavated soil in the Work Plan requested below.

TECHNICAL REPORT REQUEST

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

- **December 8, 2006** – Work 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

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will 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 (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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requirement to submit documents to the Alameda County ftp site. 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 monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (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 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, we strongly encourage you to call the Fund for an application.

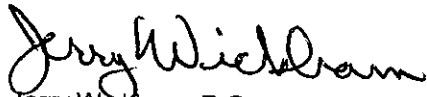
AGENCY OVERSIGHT

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.

Mr. Harjit Sindhu
September 22, 2006
Page 5

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

Danielle Stefani
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

John Rigter
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Donna Drogos, ACEH
Jerry Wickham, ACEH
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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

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

September 15, 2006

Mr. Robert Tingley
City of Livermore, Engineering Division
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Fuel Leak Case No. RO0002909, City of Livermore Airport, 636 Terminal Drive, Livermore, CA 94550 – Second Request for Work Plan

Dear Mr. Tingley:

In correspondence dated May 1, 2006, Alameda County Environmental Health (ACEH) requested a Work Plan for soil and water investigation at the above-referenced site by July 14, 2006. To date, we have not received a Work Plan. Your site overlies a sensitive drinking water aquifer, and limited progress has been made toward evaluating potential petroleum hydrocarbon impacts. The lateral and vertical extents of subsurface contamination at the site are undefined. We reiterate the request made in our May 1, 2006 correspondence (copy attached) to evaluate whether groundwater has potentially been affected by a fuel release.

Your soil and water investigation Work Plan is late, and your fuel leak site is not in compliance with ACEH directives. We request that you submit a Work Plan **no later than December 8, 2006**. This date is not an extension of your due date, reports for this site are late and your site is out of compliance. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10, 23 CCR sections 2652 through 2654, and 2721 through 2728 outline the duties of a responsible party in response to a reportable unauthorized release from a petroleum UST system, and require your compliance with this request.

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

Please note that further delays in investigation, late reports, or enforcement actions may result in your becoming ineligible to receive cost reimbursement from the State's Underground Storage Tank Cleanup Fund.

TECHNICAL REPORT REQUEST

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

- **December 8, 2006** – Work 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

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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.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site.

At this time, we require that you submit a complete mailing list of all record fee title owners of the site, which states, at a minimum, the following:

A. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*

- OR -

B. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure*.

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

A. *In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*

cleanup proposal (Corrective Action Plan)

request for case closure

local agency intention to make a determination that no further action is required

local agency intention to issue a closure letter

- OR -

Mr. Robert Tingley
September 15, 2006
Page 4

B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

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, we strongly encourage you to call the Fund for an application.

AGENCY OVERSIGHT

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If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201
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100 North Canyons Parkway
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Danielle Stefani
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

RECEIVED

By loprojectop at 3:05 pm, May 24, 2006



GETTLER - RYAN INC.

CITY OF LIVERMORE

CONSTRUCTION DIVISION RATE SCHEDULE

(Effective June 1, 2005)

LABOR RATES

Project Manager -----	\$85.00 per hour
Superintendent -----	82.00 per hour
Foreman -----	79.00 per hour
Electrician -----	79.00 per hour
Journeyman Technician -----	74.00 per hour
Laborer -----	66.00 per hour

Overtime will be charged at 1.5 times the hourly rate prior to 8:00 am and after 4:30 pm, Monday through Friday, and on Saturdays. Overtime will be charged at 2.0 times the hourly rate on Sundays, holidays and all hours worked past 12 in a single day.

EQUIPMENT RENTAL RATES

Air Compressor -----	\$200.00 per day -	\$25.00 per hour
6 Yard Dump Truck -----	320.00 per day -	40.00 per hour
Pipe Truck & Tools -----	96.00 per day -	12.00 per hour
Backhoe/Loader (operated) -----		98.00 per hour
Komatsu Excavator (operated) -----		210.00 per hour
Paving Equipment -----		55.00 per hour
Truck Mounted Crane -----		45.00 per use
Confined Space Equipment -----		195.00 per day
Concrete Sawing -----		2.50 per l.f.
Water/Transfer Pump -----		15.00 per hour
Generator -----		15.00 per hour
Red Jacket Precision Leak Tester -----		35.00 per test
Vapor Tester -----		35.00 per test
Helium Tester -----		160.00 per test
A/L Tester -----		50.00 per test
Steam Cleaner -----		15.00 per hour
Hydrocarbon Surveyor -----		35.00 per test
Safety Equipment (Gloves, Eye Protection, etc.) -----		4.50 per day
Mileage -----		.50 per mile

Materials and subcontract work used in the completion of or in the performance of any project will be billed at costs plus a 15% markup.

Wickham, Jerry, Env. Health

Subject: RO2909 City of Livermore Airport, 636 Terminal Drive, Livermore

Status: Not Started

Percent Complete: 0%

Total Work: 0 hours

Actual Work: 0 hours

Owner: Wickham, Jerry, Env. Health

Hajit Sidhu, project manager for City of Livermore called on 5/2/2006. Received NOR and stated that City of Livermore is the only land owner for the property. This meets the landowner notification requirements.

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

May 1, 2006

Mr. Robert Tingley
City of Livermore, Engineering Division
1052 S. Livermore Ave.
Livermore, CA 94550

Subject: Fuel Leak Case No. RO0002909, City of Livermore Airport, 636 Terminal Drive, Livermore, CA 94550 – Request for Work Plan

Dear Mr. Tingley:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the report entitled, "Environmental Sampling, Testing, and Evaluation of Soil," dated November 16, 2005, prepared on behalf of the City of Livermore by Consolidated Engineering Laboratories. The report summarizes the results from 15 soil samples collected on November 10, 2005 within and near a jet fuel line excavation. Total petroleum hydrocarbons (TPH) as gasoline were detected in the soil samples at concentrations up to 360,000 milligrams per kilogram (mg/kg) and TPH as diesel were detected at concentrations up to 1,100 mg/kg.

Based on the concentrations of TPH detected in the soil, an investigation is required to assess the extent of soil contamination and determine if groundwater contamination is present beneath your site. We recommend that your investigation incorporate expedited site assessment techniques to collect soil samples and depth-discrete groundwater samples prior to the installation of groundwater monitoring wells. Other options for additional investigation or remediation may also be appropriate at your site.

Please submit a work plan detailing your proposal to define the extent of soil and groundwater contamination **by July 14, 2006**. This report is being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code.

TECHNICAL REPORT REQUEST

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

- **July 14, 2006** – Work 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

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will 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 (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. 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 monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

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.

LANDOWNER NOTIFICATION REQUIREMENTS

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site.

At this time, we require that you submit a complete mailing list of all record fee title owners of the site by **June 9, 2006**, which states, at a minimum, the following:

A. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:*

- OR -

B. *In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.*

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure*.

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

A. *In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*

cleanup proposal (Corrective Action Plan)

request for case closure

local agency intention to make a determination that no further action is required

local agency intention to issue a closure letter

- OR -

Mr. Robert Tingley
May 1, 2006
Page 4

B. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (name of primary responsible party), certify that I am the sole landowner for the above site.

(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)

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, we strongly encourage you to call the Fund for an application.

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) 567-6791.

Sincerely,



Jerry Wickham, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Donna Drogos, ACEH
Jerry Wickham, ACEH
File



7

AGENCY

DAVID J. KEARS, Agency Director

Certified Mail #: 7002 2030 0006 9574 1211
April 12, 2006

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

NOTICE OF RESPONSIBILITY

Case ID: **RO0002909**

Site Name & Address:

CITY OF LIVERMORE AIRPORT
636 TERMINAL CIR
LIVERMORE, CA 94550

Responsible Party:

ROBERT TINGLEY
CITY OF LIVERMORE
1052 S LIVERMORE AVENUE
LIVERMORE, CA 94550

Release Information:

Date First Reported	Substance	Code
11/18/05	Aviation gasoline and additives, Grade 80, 100, & 100LL (low lead)	1
	Jet Fuel and additives: A (kerosene type), A-1 (kerosene type), B (wide cut or Jet Fuel and additives: A (kerosene type), A-1 (kerosene type), B (wide cut or naphtha)	12037

Funding for Oversight:

LOPF LOP Funding Fund

Multiple RPs?: **No**

Pursuant to sections 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed in the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter (Remedial Action Completion Certification). For purposes of implementing section 25297.15, this agency has identified CITY OF LIVERMORE as the primary or active Responsible Party. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency, within 20 calendar days of receipt of this notice, which identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 341-5808 or telephone (916) 341-5650.

Pursuant to section 25299.37(c)(7) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the designation process.

Please contact your caseworker Jerry Wickham, at this office at (510) 567-6791 if you have questions regarding your site.

ARIU LEVI, Chief
Contract Project Director

Date: 4/12/06

Circle One: Add Delete Change
Reason: New Case

cc: Jenniffer Jordan, SWRCB
D. Drogos, J. Wickham

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com®

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Robert Tingley
City of Livermore
1052 S. Livermore Avenue
Livermore, CA 94550

See Reverse for Instructions

PS Form 3800, June 2002

7002 2030 0006 9574 2211



CONSOLIDATED ENGINEERING
LABORATORIES

RECEIVED

JAN - 9 2006

CITY OF LIVERMORE
ENGINEERING DIVISION

December 30, 2005

Mr. Bob Follenfant
City of Livermore
Engineering Division
1052 South Livermore Avenue
Livermore, CA 94550

RECEIVED

By loprojectop at 2:56 pm, May 24, 2006

RE: Airport Jet Fuel Line Replacement
636 Terminal Circle
Livermore, CA
CEL Project #81-01824PW

Inspection Date: 11/23/05
Location: Jobsite
Inspector: E. Forstreuter
Report #001

EARTHWORK REPORT

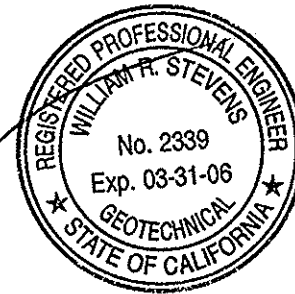
Our representative observed site operations and/or performed nuclear gauge moisture and density determinations on compacted soils at the above project. Enclosed are the results of this testing.

NOTE: Inspector observed the placement of approximately 12 yards of a control density fill (CDF) within excavation made for removal of contaminated soils. Contractor attempted to line excavation with visqueen prior to pour but 100% success was not achieved. Weight of falling slurry pulled at material unevenly causing gaps in coverage, especially along the east wall. Photo's taken. C.D.F. was placed up to bottom of adjacent trench.

The work represented in the attached reports was in compliance with project plans and specifications.

REVIEWING ENGINEER: WILLIAM R. STEVENS, C.E., G.E.

cc: City of Livermore (2)



All reports are submitted as the confidential property of clients. Publication of statements, conclusions or extracts is reserved pending our written approval.

LIVERMORE - PLEASANTON FIRE DEPARTMENT
3560 Nevada Street, Pleasanton, CA 94566

Contaminated Site Case Transfer Form

Referral To:

Date	November 28, 2005		
By (name)		Phone	
Agency	Alameda County Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502		
Attention	Donna L. Drogos, LOP/TOXICS Program Manager		
Transferred as:	X <input type="checkbox"/> LOP <input type="checkbox"/> TOXICS		
Level of Update requested:	X <input type="checkbox"/> distribution list <input type="checkbox"/> all meetings <input type="checkbox"/> all site visits <input type="checkbox"/> closure sign off <input type="checkbox"/> all the above		

Site Information:

Site Name	Livermore Airport
Site Address	636 Terminal Circle, Livermore CA 94550
Site Phone	925-373-5281
Site Contractor/Consultant (if available)	Consolidated Engineering Laboratories
Site DBA	

Site Conditions:

UST	
Initiating Event <input type="checkbox"/> Closure X <input type="checkbox"/> Work on system <input type="checkbox"/> Other	
If UST(s) removed: # removed: _____ Date removed: _____	
Contents: <input type="checkbox"/> gasoline <input type="checkbox"/> diesel <input type="checkbox"/> waste oil <input type="checkbox"/> heating oil <input type="checkbox"/> solvents <input type="checkbox"/> kerosene <input type="checkbox"/> stoddard solvent X <input type="checkbox"/> other (specify) AV-GAS and Jet-A Fuel	
Observations of system (holes, leaks)?	<input type="checkbox"/> Yes X <input type="checkbox"/> No
Observed contamination (free product, smell, soil/water discoloration)?	X <input type="checkbox"/> Yes <input type="checkbox"/> No
Unauthorized Release Form filed?	X <input type="checkbox"/> Yes <input type="checkbox"/> No
NON-UST	
Former industrial use?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Former Use Specify:	
ALL REFERRALS	
Detectable concentrations of soil and/or groundwater contamination?	X <input type="checkbox"/> Yes <input type="checkbox"/> No
o Highest Concentration Detected in Soil Contaminant (specify) AV-GAS Concentration 360,000 ppm (in pea gravel backfill material)	
o Highest Concentration Detected in Water Contaminant (specify) _____ Concentration _____ ppb	
Future intended use if known? If Yes, specify Continued use as Airport	X <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>If available, attach pertinent reports</i>	

cc: Colleen Winey, Zone 7



November 28, 2005

Leander Hauri
 City of Livermore Airport
 636 Terminal Circle,
 Livermore, CA 94551

Subject: Sampling, Underground Storage Tank Systems, City of Livermore Airport

Dear Hauri,

On November 10, 2005, soil samples were collected from below the piping systems associated with the AV-Gas and Jet-A fueling systems at the airport. The sampling results indicate that a release of aviation fuel related compounds has occurred in the area of the Underground Storage Tank systems. Gasoline, diesel, motor oil, toluene, ethyl benzene and xylenes were detected. The report from Consolidated Engineering Laboratories report, dated November 16, 2005 provides additional detail.

Based upon the sampling results above, LPFD advised Livermore Public Works Engineering to obtain guidance and direction from Alameda County Health Care Services, Environmental Health Division (the lead agency), and their geotechnical consultant. We understand that Ms. Donna Drogos of the Division was contacted on November 17, 2005.

Further, an Unauthorized Release Report has been submitted by the City of Livermore, and the document will be distributed by LPFD to the required agencies.

For additional information related to this case, please contact Ms. Donna Drogos at:

Alameda County Health Care Services
 1131 Harbor Bay Parkway
 Alameda, CA 94502
 510-567-6700

If you have any questions concerning this letter, please contact me directly at 925-454-2337. Thank you for your cooperation in this matter.

Sincerely,

John Rigter
 Hazardous Materials Inspector
 Livermore-Pleasanton Fire Department

Cc: Harjit Sidhu, City of Livermore, Public Works Engineering
 Robert Tingley, City of Livermore, Public Works Engineering
 Donna Drogos, PE, Alameda County Health Care Services, Environmental Health Division

Alameda County
 DEC 05 2005
 Environmental Health

Attachments: Consolidated Engineering Laboratories report of November 16, 2005, Site Transfer Form, and Unauthorized Release Report.

3560 Nevada Street, Pleasanton, CA 94566

Administration & Suppression
 (925) 454-2361
 Fax 249-2397

Fire Prevention Bureau
 (925) 454-2361
 Fax 454-2367

002

RECEIVED

By loppjectop at 3:06 pm, May 24, 2006

Subj: MEMO Livermore, CA pipeline field observation/discussion summary
To: Marc A. Hachey and file project no. 81-01824-PW
From: Christopher Palmer

MEMO

Christopher Palmer met Dave Boyd of Consolidated Engineering Laboratories, Inc. at the site on November 21, 2005 and he showed me the excavation. Representatives of Gettler Ryan (GR working on the pipeline) and the City were there also. Dave ran through a brief overview that the excavation was "chasing" assumed soil jet fuel contaminants and that the remote pipeline might have carried other petroleum products in the past (I believe the City was going to check that). The contaminated soil was segregated for off-site disposal. The excavation was I think about 16 feet total depth. Dave was collecting soil samples to vertically profile the excavation. Field evidence appeared to show some past leakage. The soil excavation removed some of the past contaminant leakage we might try a calculation regarding volume removed. Groundwater was not encountered in the excavation pit according to Dave's notes.

The City reps were discussing the need for further assessment work and I suggested first completing the work in the excavation, getting back the soil chemical data for review, performing the needed analysis for proper off-site disposal of soil and the GR could finish their work as the City needed to get the pipeline back into operation. A work plan could then be prepared to send to the County (assumed lead agency) for review and comment. I assume work plan probably doing borings for more soil and to water and some definition to ascertain vertical and horizontal extent.

City reps wanted to know if they could aerate soil on-site. I said they could as did GR, but they (City) needed to air permits, spread and treat on plastic, confirmation soil samples, etc. The City reps seemed to feel it was not worth the effort and the GR rep concurred. It was my understanding that the contaminated soil would be hauled to the proper landfill with the proper documentation for acceptance.

GR needed to backfill the excavation and have it "stand" so they could complete their work. The GR rep stated he wanted to place concrete slurry to hold the walls of the excavation backfill itself for them to complete their work. This concrete slurry could be removed if further definition or excavation was required. I said I saw no problem with doing this, as it would not "affect" in-place contaminants in my opinion as long as we could remove if needed in the future. The City reps did not appear to have a problem with this approach to backfill and

pipeline work completion. GR was apparently going to use that slurry approach to complete the work when I left the site.

We agree to analyze the selected soil samples in Dave's notes and that the data would be reviewed and then a summary of the excavation/sampling analysis work and work plan could be prepared as needed. We (GR and I) told the City that they should file the appropriate paperwork and to report the spill to the oversight agency (I assume the Alameda County and/or RWQCB for this case).



Christopher M. Palmer HG 246; CEG 1262
for Consolidated Engineering Laboratories, Inc.

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 AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.	
REPORT DATE 11/18/05		CASE #		11/28/05	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT HARJIT SIDHU		PHONE 925-960-4531	SIGNATURE <i>[Signature]</i> 11/22/05	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> REGIONAL BOARD <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> OTHER...		COMPANY OR AGENCY NAME CITY OF LIVERMORE		
	ADDRESS 1052 SOUTH LIVERMORE AVENUE, LIVERMORE, CA 94550				
RESPONSIBLE PARTY	NAME CITY OF LIVERMORE (AIRPORT) <input type="checkbox"/> Unknown		CONTACT: LEANDER HAURI	PHONE 925-373-5281	
	ADDRESS 636 TERMINAL CIRCLE, LIVERMORE, CA 94550				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) LIVERMORE MUNICIPAL AIRPORT		OPERATOR LEANDER HAURI	PHONE 925-373-5281	
	ADDRESS 636 TERMINAL CIRCLE, LIVERMORE, ALAMEDA 94550				
	CROSS STREET AIRWAY BOULEVARD				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME LIVERMORE-PLEASANTON FIRE DEPT.		CONTACT: JOHN RIGTER		PHONE 925-454-2337
	REGIONAL BOARD OAKLAND OFFICE		PHONE		
SUBSTANCES INVOLVED	(1) NAME AV-GAS		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> Unknown		
	(2) NAME JET-A		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> Unknown		
DISCOVERY/ABATEMENT	DATE DISCOVERED 11/17/05		HOW DISCOVERED <input type="checkbox"/> Tank Test <input type="checkbox"/> Tank Removal <input type="checkbox"/> Nuisance Conditions <input type="checkbox"/> Inventory Control <input type="checkbox"/> Subsurface Monitoring <input checked="" type="checkbox"/> Other... SAMPLING BELOW PRODUCT LINE		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> Unknown		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> Remove Contents <input type="checkbox"/> Close Tank <input type="checkbox"/> Repair Tank <input type="checkbox"/> Change Procedure <input type="checkbox"/> Replace Tank <input checked="" type="checkbox"/> Other... PRODUCT PIPING REMOVED THAT WILL BE REPLACED. <input type="checkbox"/> Repair Piping		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		IF YES, DATE ON 11/7/05		
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> Tank Leak <input checked="" type="checkbox"/> Piping Leak <input type="checkbox"/> Unknown <input type="checkbox"/> Other...		CAUSE(S) <input type="checkbox"/> Overfill <input type="checkbox"/> Corrosion <input type="checkbox"/> Rupture/Failure <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Spill <input type="checkbox"/> Other...		
	CASE TYPE <input checked="" type="checkbox"/> Undetermined <input 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"/> Case Closed (Cleanup Completed or Unnecessary) <input type="checkbox"/> Leak Being Confirmed <input checked="" type="checkbox"/> Pollution Characterization <input type="checkbox"/> Remediation Plan <input type="checkbox"/> Post Cleanup Monitoring in Progress <input type="checkbox"/> Preliminary Site Assessment Workplan Submitted <input type="checkbox"/> Cleanup Underway <input type="checkbox"/> Preliminary Site Assessment Underway		RECEIVED NOV 28 2005 FIRE PREVENTION		
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> Cap Site (CD) <input type="checkbox"/> Excavate & Treat (ET) <input type="checkbox"/> Treatment at Hookup (HU) <input checked="" type="checkbox"/> Other... OTHER ACTION TO BE DETERMINED <input type="checkbox"/> Contamination Barrier (CB) <input type="checkbox"/> No Action Required (NA) <input type="checkbox"/> Enhanced Bio Degradation (IT) <input type="checkbox"/> Vacuum Extract (VE) <input type="checkbox"/> Remove Free Product (FP) <input type="checkbox"/> Replace Supply (RS) <input checked="" type="checkbox"/> Excavate & Dispose (ED) <input type="checkbox"/> Pump & Treat Groundwater (GT) <input type="checkbox"/> Vent Soil (VS)				
COMMENTS	DURING REPIPING FROM TANK SUMP UP THE SOIL SAMPLES FOUND PRESENCE OF AV-GAS AND JET-A IN SOIL UNDER DISPENSER RACK AND STOCKPILED PEA-GRAVEL THAT WAS REMOVED FROM VARIOUS AREAS.				

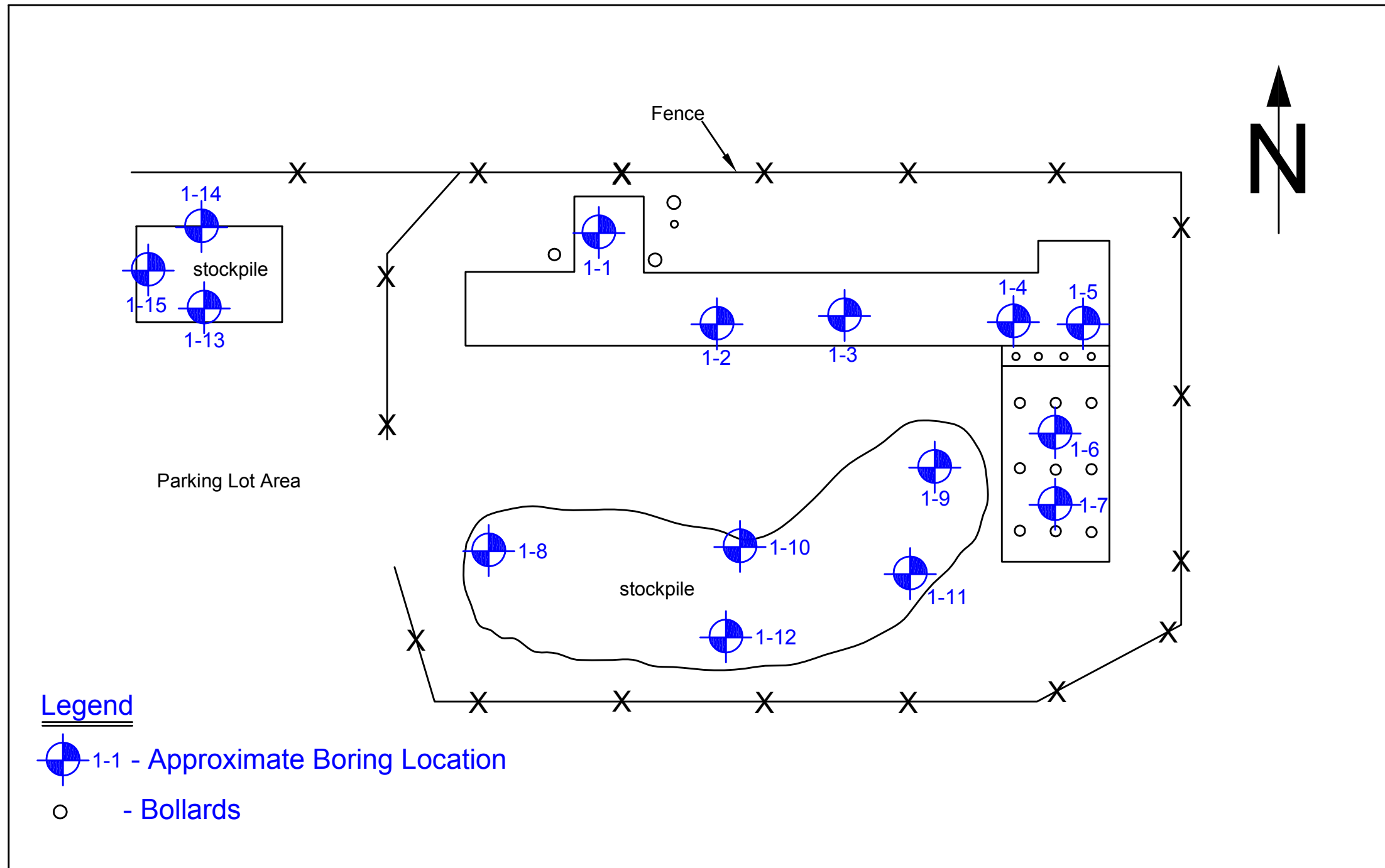
dehloptoxic, Env. Health

From: Tingley, Robert [rctingley@ci.livermore.ca.us]
Sent: Thursday, November 17, 2005 9:07 AM
To: Drogos, Donna, Env. Health
Subject: Figure1.pdf
Follow Up Flag: Follow up
Flag Status: Red
Attachments: Figure1.pdf



Livermore test locations to match sampling report.


Thank you so much for your help.

Bob



Legend

-  1-1 - Approximate Boring Location
-  - Bollards

 CONSOLIDATED ENGINEERING LABORATORIES	Airport Jet Fuel Line Replacement	81-01824	November 2005
		Livermore, California	Figure 1 Site Plan

Drogos, Donna, Env. Health

From: Tingley, Robert [rctingley@ci.livermore.ca.us]
Sent: Thursday, November 17, 2005 8:53 AM
To: Drogos, Donna, Env. Health
Subject: AnalyticalReport
Follow Up Flag: Follow up
Flag Status: Red
Attachments: AnalyticalReport.doc