



20159

July 19, 2007

Mr. Steven Plunkett
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RECEIVED
JUL 23 2007
ENVIRONMENTAL HEALTH SERVICES

Subject: Offsite Monitoring Well Installation
3635 13th Avenue
Oakland, California
AEI Project No. 270852

Dear Mr. Plunkett:

This letter documents AEI's request for access and permission on behalf of Mr. John Williamson to install a groundwater monitoring well on the fire station property to the south of the subject site. The installation of offsite well(s) has been requested to investigate the down-gradient extent of the petroleum release at the site.

As you'll recall, offsite wells had previously been proposed for installation in the street on the south side of 13th Avenue. However, due to the strict insurance requirements of the City of Oakland for a well in the public right-of-way, the permits could not be obtained. As you are aware, these specific insurance requirements are not available from many insurance providers and has been an impediment to these types of activities at other sites within the City.

As an alternative, we had discussed the possibility of installing a well in a down-gradient location on the property on the other side of 13th Avenue. This property is occupied by City of Oakland Fire Station #16, located at 3600 13th Avenue. A call was made to the station inquiring about the possibility of access and associated requirements onto the station property and I was referred to the Captain of the station, Mr. Jim Delacey. Captain Delacey stated that such a request for access should be directed to the office of the Chief of the Oakland Fire Department. An assistant of Chief Daniel Pharel, by the name of Rebecca, called me back and referred us to the City of Oakland Engineering and Building Services Department (COEBSD). I asked Rebecca if she was aware of who owned the Fire Station 16 property, and she stated it was the City of Oakland. A search on Chicago Title's property assessment database confirmed that the property is indeed owned by the City of Oakland. I spoke to an individual named Tim at the COEBSD about the requirements for the installation of a well on the fire station. I was told that their requirements would be those for obtaining an encroachment permit for the installation of monitoring wells in the public right of way, one of the requirements specifically being an insurance certificate forwarded by the legal owner indemnifying and holding harmless the City of Oakland, along with the City of Oakland's "officers, agents, employees, officials, volunteers,

and representatives" with a public liability of not less than \$300,000 and property damage liability not less than \$50,000. As mentioned above, Mr. Williamson had not been able to obtain this certificate during previous attempts.

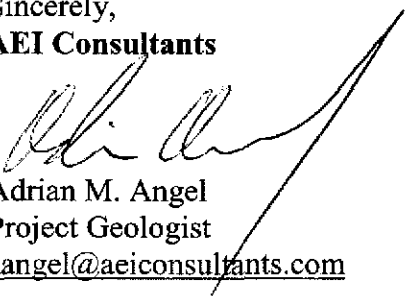
While we agree that offsite investigation in some manner would significantly add to the overall quality and thoroughness of the site dataset and conceptual model, we do not believe that further delays in onsite characterization of remedial efforts should be delayed by this matter.

As outlined during previous correspondence, we have completed the initial source investigation soil borings and are planning to install the additional onsite monitoring wells. This scope of work is outlined in the letter dated September 6, 2006 and additional correspondence from your office dated July 10, 2006, October 2, 2007 and October 6, 2007.

In brief, the scope of work will include the installation of three (3) wells in the locations shown on the attached Figure 1. Upon completion of monitoring these wells, a report will be prepared for your review prior to proceeding with corrective action pilot testing or implementation. The previous presented remedial approach will be evaluated and discussed within the report; recommendations for modifications or changes will be included, as warranted by the data.

We look forward to working with Mr. Williamson and your office in efforts to close this case. Should you have any questions regarding this matter, please contact me at (925) 283-6000, extension 132. Thank you.

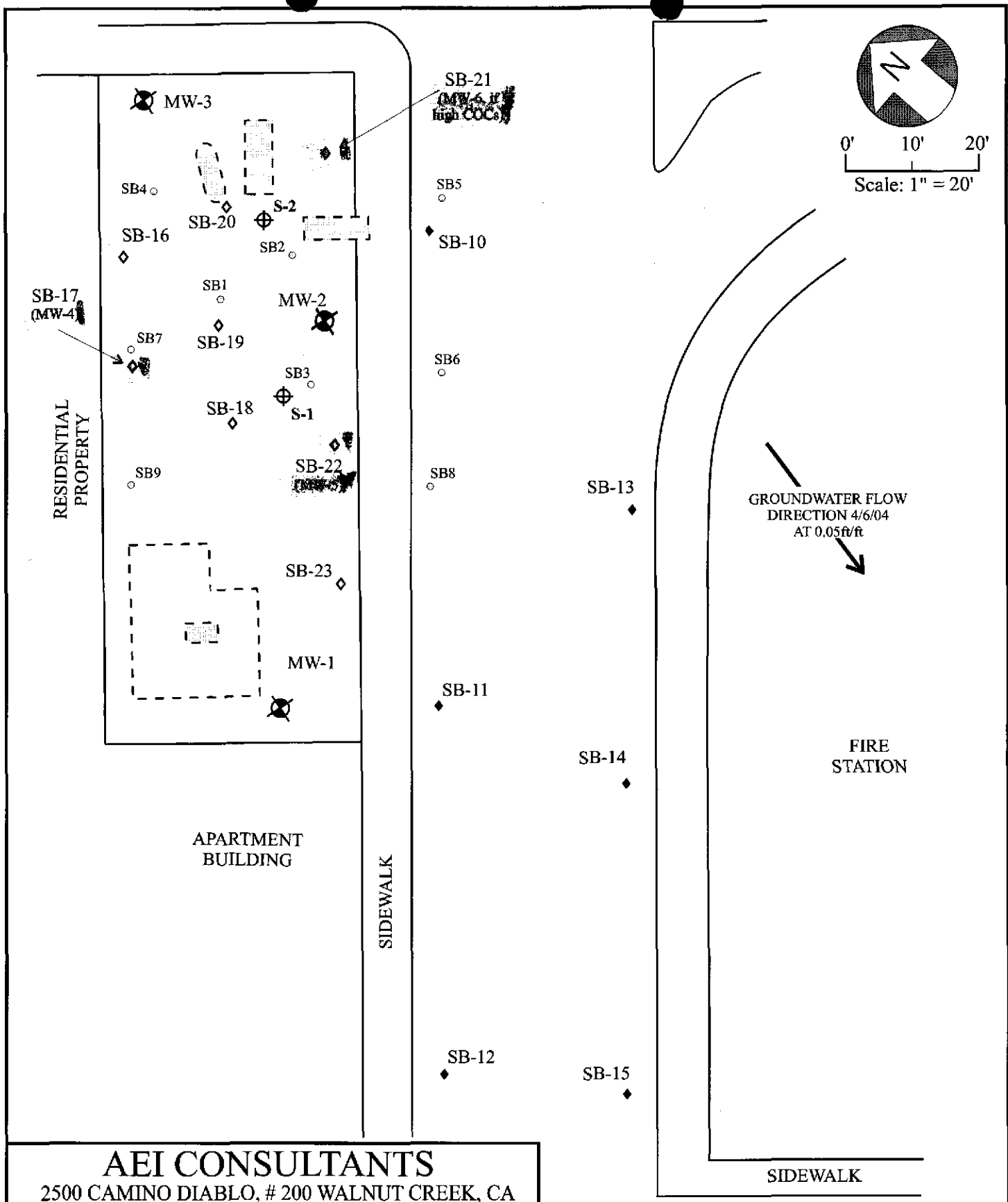
Sincerely,
AEI Consultants



Adrian M. Angel
Project Geologist
aangel@aeiconsultants.com

Attachment

cc:
John Williamson
P. McIntyre, AEI



AEI CONSULTANTS
 2500 CAMINO DIABLO, # 200 WALNUT CREEK, CA

PROPOSED BORING AND WELL LOCATIONS

3635 13th Avenue
 Oakland, California

FIGURE 1
 AEI Project # 110803

LEGEND		(REV. 9/06)	
	Monitoring Well		Proposed Boring / monitoring well
	Previous Borings		Tentative sparge well

Ro. 159



State Water Resources Control Board



Linda S. Adams
Secretary for
Environmental Protection

Division of Financial Assistance
1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5757 • FAX (916) 341-5806 • www.waterboards.ca.gov/cwphome/ustcf

Arnold Schwarzenegger
Governor

MAR 22 2007

Alameda County

MAR 23 2007

Environmental Health

JOHN WILLIAMSON
3906 LAGUNA AVE
OAKLAND, CA 94602

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 009184, PA # 3
SITE ADDRESS: 3635 13TH AVE, OAKLAND, CA 94610**

I have reviewed your request, received on March 1, 2007, for pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the September 6, 2006, AEI Consultants workplan approved by the Alameda County EHD (County) in their October 6, 2006 letter, is **\$ 43,084**; see the table below for a breakdown of costs.

Be aware that this pre-approval does not constitute a decision on reimbursement: **necessary** (as determined by the Fund) corrective action costs for action work **directed and approved by the County** will be eligible for reimbursement at costs consistent with those pre-approved in this letter. However, depending on what happens in the field, some costs may not actually be necessary.

All costs for corrective action must meet the requirements of Article 11, Chapter 16, Underground Storage Tank Regulations in order to be eligible for reimbursement.

- The work products must be acceptable to the County and the Regional Water Quality Control Board.
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.

COST PRE-APPROVAL BREAKDOWN

#	Task*	Amount Pre-Approved	Comments
1	Project Setup and Permitting	\$1,705	This cost includes all time, materials and markups associated with this task. Copies of all permits must be submitted to the Fund at the time of reimbursement.
2	Monitoring of 3 Well	\$1,721	This cost includes all time, materials and markups associated with this task. Copies of all sub-invoices and reports must be submitted to the Fund at the time of reimbursement.
3	Install 8~25' Soil Borings, Analytical, PM, etc.	\$11,958	This cost includes all time, materials and markups associated with this task. Copies of all sub-invoices must be submitted to the Fund at the time of reimbursement.
4	Installation of 3~25' Monitoring Wells	\$8,063	This cost includes all time, materials and markups associated with this task. Note: Any change in the proposed scope of work, needs to be approved by the Local Agency in writing. Copies of all approval letters, reports and sub-invoices must be submitted to the Fund at the time of reimbursement.
5	Development of 3 Wells and Sampling of 6 Wells	\$3,400	This cost includes all time, materials and markups associated with this task. Copies of all sub-invoices and reports must be submitted to the Fund at the time of reimbursement.
6	Report of Investigation	\$3,955	This cost includes all time, materials and markups associated with this task. A copy of this report must be submitted to the Fund at the time of reimbursement.
7	QMRs of 6 MWs for 3 Events (\$4,094 per Event)	\$12,282	This cost includes all time, materials and markups associated with this task. Copies of all sub-invoices and reports must be submitted to the Fund at the time of reimbursement.
	TOTAL PRE-APPROVED	\$ 43,084	

* Task descriptions are the same as those identified in AEI Consultants's February 26, 2007 cost estimate.

- Only the tasks/costs reflected on the above table are pre-approved at this time. The Fund will review any tasks/costs that go beyond the pre-approved amount to be determined if the additional tasks and costs are necessary and reasonable.

- Although I have referred to the AEI Consultants proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated February 26, 2007 by AEI Consultants for conducting the work approved by the County.

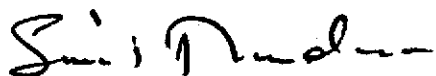
I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all necessary future corrective action work. If you need assistance in procuring contractor and consultant services, don't hesitate to call me.

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed. ***Please insure that your consultant prepares their invoices to include the required breakdown of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:***

- *subcontractor invoices,*
- *technical reports, when available, and*
- *applicable correspondence from the County.*

Please call if you have any questions; I can be reached at (916) 341-5757

Sincerely,



Sunil Ramdass, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

cc: Steven Plunkett
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

Peter McIntyre, P.G.
AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597

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

October 6, 2006

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602-1715

Subject: Fuel Leak Case Number [REDACTED] Mobil, 3635 13th Avenue, Oakland, CA – Work Plan Approval

Dear Mr. Williamson:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document titled, "Work Plan Revision," dated September 6, 2006. The scopes of work for the Soil Water Investigator (SWI) proposes 8 soil borings combined with depth discrete groundwater sampling and the installation of up to 3 groundwater monitoring wells to help define soil and groundwater conditions immediately downgradient of the source area. In addition, quarterly groundwater monitoring, a sensitive receptor survey and a site conceptual model will be prepared for the site. Lastly, an interim corrective action pilot test will be implemented using ozone sparging over a 2 month time period to determine the efficacy of the remedial technique. ACEH concurs with the proposed scope of work as stated in the Work Plan Revisions with the following comments.

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) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Downgradient Monitoring Well Installation.** ACEH is aware of the permitting difficulties with well installation on the City of Oakland public right of way. However we consider the installation of downgradient monitoring wells integral to the site characterization process. ACEH believes the monitoring well network -in its current design- is insufficient to adequately define the extent of contamination downgradient of MW-2. ACEH concur with the opinion that site characterization should continue; however, downgradient monitoring well installation should be implemented during a separate phase of contamination plume characterization.
2. **Soil and Groundwater Analysis.** ACEH agrees with the assessment if results from sample analysis indicate that fuel additives are not detected during the investigation, these fuel additives may be removed from future sampling activities.
3. **Groundwater Monitoring.** ACEH agrees with the recommendation that quarterly groundwater sampling will be re-instated, with the first round of monitoring to occur prior to

the SWI. Please present the result of the groundwater monitoring and sampling in the report requested below.

TECHNICAL REPORT REQUEST

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

- **December 1, 2006** – 4th Quarter 2006 Groundwater Monitoring Report
- **90 Days After Completion of Soil and Groundwater Investigation** – Soil and Groundwater Investigation Report with Site Conceptual Model

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%20reporting)).

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

John Williamson
October 6, 2006
Page 3

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: Peter McIntyre
AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

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

October 2, 2006

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602-1715

Subject: Fuel Leak Case Number [REDACTED], Mobil, 3635 13th Avenue, Oakland, CA – Work Plan Approval

Dear Mr. Williamson:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Work Plan Revisions," dated September 6, 2006. The Work Plan proposes soil borings and monitoring well installation to investigate the lateral and vertical extent of petroleum hydrocarbons in soil and groundwater beneath the site. ACEH concurs with the proposed scope of work. Please implement the quarterly groundwater monitoring program prior to the installation of soil borings, as recommended. Once the SWI has been completed please suggest a schedule for quarterly groundwater monitoring for calendar year 2007.

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) prior to the start of field activities.

TECHNICAL REPORT REQUEST

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

- **December 1, 2005** – 4th Quarter 2006 Groundwater Monitoring Report
- **January 15, 2007** – Soil and Groundwater Investigation Report and Site Conceptual Model

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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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

John Williamson
October 2, 2006
Page 3

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,

A handwritten signature in black ink, appearing to read "Steven Plunkett", with a long horizontal line extending to the right.

Steven Plunkett
Hazardous Materials Specialist

cc: Peter McIntyre
AEI Consultants.
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

July 10, 2006

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602-1715

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

Dear Mr. Williamson

Subject: Fuel Leak Case Number RO0000159, Mobil, 3635 13th Avenue, Oakland, CA

Alameda County Environmental Health (ACEH) staff have reviewed the case file and the report titled "Remedial Investigation and Interim Corrective Action Plan," prepared by AEI Consultants and dated July 19, 2004. The scope of work as described in the Work Plan indicates that seven onsite soil borings are proposed to define the lateral and vertical extent of contamination within the source area, with two or three of the soil borings to be converted into onsite monitoring wells. In addition, AEI proposes an interim corrective action pilot test of chemical oxidation by ozone sparging as a means to enhance the degradation of petroleum hydrocarbon in the source area. ACEH generally agrees with the scope of work as proposed in the Work Plan, but with the following revisions described in the Technical Comments below. Based on our review of the case file we have made the following determination.

Previous investigation conducted off site indicate that petroleum hydrocarbons as gasoline, diesel, and fuel additives MtBE and Benzene were detected in groundwater at elevated concentrations up to 12,000 µg/L, 28,000 µg/L, 330 µg/L and 430 µg/L, respectively. During review of the boring logs for off site borings SB-10 through SB-15 it appears that a discrete lithologic unit may be acting as a preferential pathway for offsite contamination migration. Additionally, no offsite monitoring wells have been installed, which would aid in the delineation and monitoring of plume migration. Consequently, ACEH requests that you prepare a revised Work Plan that will address monitoring groundwater conditions off site, helping to define the extent of groundwater contamination immediately down gradient of the site.

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) prior to the start of field activities.

TECHNICAL COMMENTS

- 1. Soil Sampling and Analysis.** ACEH requests that one soil sample be collected at the capillary fringe, approximately 2 feet above first groundwater, at distinct changes in lithology and at approximately 5 foot intervals until total depth of the boring is reached. In addition, ACEH requests that soil samples be submitted for laboratory analyses at all depth intervals where staining, odor, or elevated PID readings are observed. If staining, odor, or elevated PID readings are observed over an interval of several feet, a sufficient number of soil samples from this interval should be submitted for laboratory analyses to

characterize the contamination within this interval. It is also important to determine the depth at which soil is not impacted by petroleum hydrocarbon contamination, and thus demonstrate the vertical profile of soil contamination.

After further review of the location for the proposed soil borings, ACEH request the installation of one additional soil boring approximately midway between MW-1 and SB-22 adjacent to the sidewalk. This additional soil boring location should help define plume geometry onsite. Results from the Soil and Groundwater Investigation (SWI) are to be presented in the report requested below.

- 2. Monitoring Well Installation.** Currently, three monitoring wells at the site have screen intervals that are a minimum of 12 feet in length. Please explain your rationale for defining the vertical extent of groundwater contamination and to assess, based on site-specific conditions, whether the long screen wells provide accurate groundwater monitoring results, which may not be consistent with the collection of depth discrete groundwater samples due to various conditions that can occur within the well bore. ACEH suggests the use of monitoring wells designed with sand pack intervals of 5 feet or less, as these wells will likely be representative of depth discrete groundwater conditions.

Given groundwater gradient is toward the southwest we propose offsite monitoring wells are to define the extent to dissolved contamination down gradient of the site. ACEH request that you propose the installation of additional groundwater monitoring wells off site on 13th Street in the vicinity of SB-11 and SB-14. However, taking into consideration the need for monitoring data immediately down gradient of the site, ACEH considers these monitoring wells an important component overall site characterization. Please present your rationale for the proposed monitoring well locations and long screen wells in the Revised Work Plan requested below.

- 3. Depth Discrete Groundwater Sampling.** ACEH requests that grab groundwater samples be collected at first groundwater encountered from each direct push soil boring and at locations determined during the soil boring installation. Considering the possibility that a discrete lithologic unit exists at approximately 15 to 20 feet bgs, ACEH requests that depth discrete groundwater samples be collected from this material to determine whether it maybe contributing to the migration of contamination down gradient of the site. Please present the result from the investigation in the SWI requested below.
- 4. Soil and Groundwater Analysis.** ACEH requests that all soil and groundwater samples collected below five feet bgs. be analyzed for the following constituents; TPHg and TPHd by EPA Method 8015M or 8260, BTEX, EDB, EDC, MtBE, TAME, ETBE, DIPE, TBA and EtOH by EPA Method 8260. Please include results from the investigation in the Soil and Groundwater Investigation Report requested below.
- 5. Sensitive Receptor Survey.** It appears that the sensitive receptor survey has not yet been completed as requested. Therefore, in addition to the Department of Water Resources well survey, ACEH requests that you include an Alameda County Department of Public Works well survey within a 2000 feet radius of the site. Please incorporate the results of the survey in the Site Conceptual Model requested below.
- 6. Groundwater Monitoring.** Based upon the assessment of hydraulic gradient, plume delineation, and groundwater monitoring wells requested in technical comments 2, please suggest a groundwater monitoring program in the Revised Work Plan requested below.
- 7. Interim Corrective Action Plan and Pilot Test.** The pilot test will be used to determine the efficacy of

ozone sparging as an interim remedial alternative. ACEH concurs with the proposed interim corrective action with the following comments. Given the linear distance from sparge point S-2 to monitoring well MW-2, approximately 18 feet to 20 feet. It appears that the linear distance may be beyond the radius of influence of the proposed sparge point. Furthermore, soil permeability can have a limiting influence on the radius of influence of a sparge point. Review of boring logs from the Phase II Investigation indicates the presence of silty sandy clay between 13 feet and 20 feet bgs. Given these factors it may be prudent to locate the sparge points no more than 10 feet from their associated monitoring well.

8. 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 initial 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.

Both industry and the regulatory community endorse the SCM approach. 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 shall 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 location and soil boring locations will 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 down gradient 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) Several 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.
- h) Plots of chemical concentrations vs. time and vs. distance from the source. Plots should be shown for each monitoring well, which has had detectable levels of contaminants
- i) Summary tables of chemical concentrations in each historically sampled media (including soil, groundwater and soil vapor).
- j) Boring and well logs (including construction/screening), and a summary table indicating construction specifications for each monitoring and extraction well.

TECHNICAL REPORT REQUEST

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

- **August 15, 2006** – Revised Work Plan for Remedial Investigation
- **October 30, 2006** – Soil and Groundwater Investigation Report and Site Conceptual Model

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) require that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be

John Williamson
July 10, 2006
Page 6

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

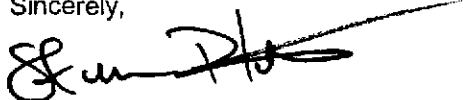
Please note that delays in investigation, later reports, or enforcement actions *may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.*

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 contact me at (510) 383-1767.

Sincerely,



Steven Plunkett
Hazardous Materials Specialist
Local Oversight Program

cc: Mr. Peter McIntyre
AEI Consultants
Walnut Creek, Ca 94597

Donna Drogos, ACEH
Steven Plunkett, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 6, 2005
	REVISION DATE: May 31, 2006
	PREVIOUS REVISIONS: October 31, 2005, December 16, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

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.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
 - or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of: **ftp Site Coordinator**.
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload)

Drogos, Donna, Env. Health

From: Peter McIntyre [pmcintyre@aeiconsultants.com]

Sent: Thursday, April 21, 2005 5:37 PM

To: Gholami, Amir, Env. Health; Drogos, Donna, Env. Health

Subject: Meet today 3635 13th Ave, Oakland

Good Afternoon Amir and Donna:

Thank you both for your time yesterday afternoon....and the information on your Livermore project.

Amir, could you please forward me the title of the Robbins paper we discussed – I'd like to read it if it's not one that I've seen.

Thanks again – Peter

Peter McIntyre, P.G.
AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597
ph 925/283-6000, ext 104
fx 925/283-6121
cell 925/285-8286



AEI CONSULTANTS
 2500 Camino Diablo, Suite 200
 Walnut Creek, CA 94597
 PHONE: (800) 801-3224
 (925) 283-6000 ex. 104
 FAX: (925) 283-6121

10/15/99

Date: 6/29/04

Hard Copy Sent? Y N

To: Mr. Don Hwang
 ACHCSA
Phone: 510/567-6746
Fax: 510/337-9335

From: Peter McIntyre

Pages: 2, including this cover page

Subject:

Hi Don: Following is the DWR well survey request form for the LUST case at 3635 13th Avenue (R00000159) per your request for a sensitive receptor survey.

Please complete the information and fax it back to me at your earliest convenience.

Thank you - Peter

STATE OF CALIFORNIA - THE RESOURCES AGENCY

GRAY DAVIS, Governor

DEPARTMENT OF WATER RESOURCES

CENTRAL DISTRICT
3251 S Street
Sacramento, CA 95816
(916) 227-7832
(916) 227-7600(Fax)

NORTHERN DISTRICT
2440 Main Street
Red Bluff, CA 96080
(530) 529-7300
(530) 529-7322 (Fax)

SAN JOAQUIN DISTRICT
3374 East Shields Avenue
Fresno, CA 93726
(559) 230-3300
(559) 230-3301 (Fax)

SOUTHERN DISTRICT
770 Fairmont Avenue
Glendale, CA 91203
(818) 543-4600
(818) 543-4604 (Fax)

WELL COMPLETION REPORT RELEASE AGREEMENT--AGENCY
(Government and Regulatory Agencies and their Authorized Agents)

Project/Contract No. 3635 13th Avenue Oakland County Alameda

Township, Range, and Section _____ Radius 1/4 mile
(Must include entire study area and a map that shows the area of interest.)

Under California Water Code Section 13752, the agency named below requests permission from Department of Water Resources to inspect or copy, or for our authorized agent named below to inspect or copy, Well Completion Reports filed pursuant to Section 13751 to (check one):

- Make a study, or,
- Perform an environmental cleanup study associated with an unauthorized release of a contaminant within a distance of 2 miles.

In accordance with Section 13752, information obtained from these reports shall be kept confidential and shall not be disseminated, published, or made available for inspection by the public without written authorization from the owner(s) of the well(s). The information shall be used only for the purpose of conducting the study. Copies obtained shall be stamped **CONFIDENTIAL** and shall be kept in a restricted file accessible only to agency staff or the authorized agent.

AEI Consultants
Authorized Agent

ACHCSA
Government or Regulatory Agency

2500 Camino Diablo #200
Address

1131 Harbor Bay Pkwy #200
Address

Walnut Creek CA
City, State, and Zip Code 94597

Alameda CA 94502
City, State, and Zip Code

Signature [Signature]

Signature _____

Title Project Manager

Title _____

Telephone (925) 944-2899 ex 104

Telephone () _____

Fax (925) 944-2895

Fax () _____

Date 6/29/04

Date _____

E-mail pmcintyre @ aeiconsultants.com

E-mail _____

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

January 27, 2004

John Williamson
1511 Wellington St.
Oakland, CA 94602

Dear Mr. Williamson,

Subject: Fuel Leak Case No. **RO000159**, John's Mobil, 3635 13th Ave., Oakland, CA

Alameda County Environmental Health (ACEH) staff has reviewed "Soil and Groundwater Investigation Report" dated October 30, 2003 by AEI Consultants. This investigation included the collection and analyses of soil and groundwater samples collected from six off-site soil borings (SB-10 to SB-15) advanced downgradient of the source area to further define the extent of the release. We request that you address the following technical comments and send us the technical reports requested below.

TECHNICAL COMMENTS

- 1) Corrective Action Plan (CAP) – Propose a CAP, which shall include an assessment of the impacts, a feasibility study, and applicable cleanup levels.
- 2) Groundwater Analyses – We request that you include the other fuel oxygenates Tertiary Amyl Methyl Ether (TAME), Ethyl Tertiary Butyl Ether (ETBE), Di-Isopropyl Ether (DIPE), and Tertiary Butyl Alcohol (TBA), Ethanol by EPA Method 8260 and the lead scavengers, Ethylene Dibromide (EDB), Ethylene Dichloride (EDC) for analyses of grab and monitoring well groundwater samples. If any of the latter compounds are detected, and are determined to be of concern (poses a risk to human health, the environment, or water resources) it is to be incorporated into your regular monitoring plan.
- 3) Well Survey – Locate wells within a quarter mile radius of the site. Show the location of the wells on a map and list well construction details for each well. Indicate which of the wells may be potential receptors.
- 4) Preferential Pathway Study – We request a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for horizontal and vertical migration that may be present in the vicinity of the site. Of particular concern is the identification of abandoned wells and improperly-destroyed wells that can act as vertical conduits to deeper water bearing zones, pumping wells in the vicinity of your site, and manmade conduits for shallow migration. Discuss your analysis and interpretation of the results of the preferential pathway study (including the detailed

well survey and utility survey requested below). Please include an evaluation of the probability of the contaminant plumes encountering preferential pathways and conduits that could spread the contamination, particularly in the vertical direction to deeper water aquifers.

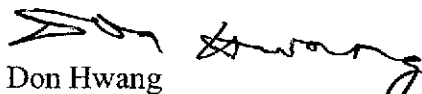
An evaluation of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s) is required as part of your study. Submittal of map(s) and cross-sections showing the location and depth of all utility lines and trenches within and near the site and plume area(s) is required as part of your study. Please report your results in the Soil and Water Investigation Report (SWI) requested below.

- 5) Historical Hydraulic Gradients – Please show using a rose diagram with magnitude and direction; include cumulative groundwater gradients in all future reports submitted for this site.

TECHNICAL REPORT REQUEST

Please submit the information requested to Alameda County Environmental Health (Attention: Don Hwang), by March 27, 2004. If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist
Local Oversight Program

C: AEI Consultants, Camino Diablo, Suite 200, Walnut Creek, CA 94597
Donna Drogos
✓file

Gholami, Amir, Env. Health

From: Peter McIntyre [pmcintyre@aeiconsultants.com]
Sent: Tuesday, August 19, 2003 10:44 AM
To: Gholami, Amir, Env. Health
Subject: STID 1121: 3635 13th Avenue, Oakland

Amir. 20159

94610
note

We will be drilling at 3635 13th Avenue on Thursday 8/21. I will be out there myself, starting at about 8-8:30 am. If you would like to reach me that day, please call 925/285-8286. The analytical data will be available about 1 week later, and the report issued probably early to mid Sept.

In the meantime, if you need any other information or have any questions, please let me know

Peter McIntyre
Project Manager, Geologist
AEI Consultants
2500 Camino Diablo, Suite 200
Walnut Creek, CA 94597
ph: 925/283-6000 ext. 104
fx: 925/283-6121
pmcintyre@aeiconsultants.com

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

From: Gholami, Amir, Env. Health [mailto:agholami@co.alameda.ca.us]
Sent: Friday, February 21, 2003 10:23 AM
To: 'Pmcintyre@aeiconsultants.com'
Subject:

<< File: lettes to everyone2.doc >>

ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

To: PETER MCINTYRE

From: DON HWANG 510-567-6746

Date: 3/6/03

Notes: SORRY, COULD N'T FIND
A SIGNED COPY.

November 4, 2002

STID 1121

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602

RE: Property at 3635 13th Ave., Oakland, CA 94610

Dear Mr. Williamson:

I have received and reviewed "Workplan" document dated September 9, 2002, submitted by Mr. Peter McIntyre of All Environmental Inc., regarding the above referenced site. As you are aware, this office approves the proposed workplan regarding the above referenced site dated December 3rd, 1999, which included installations of two additional monitoring wells along with the recently requested amendment as specified in the workplan document referred to above. However, please be advised that having completed the soil borings as specified, you should install a monitoring well properly in order to monitor the status of the plume.

Furthermore, all existing monitoring wells must be properly maintained and quarterly monitoring should continue.

Please notify this office in advance regarding your fieldwork schedule, so that a representative of this office could be present during the field works event if necessary.

Should you have any questions, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Peter McIntyre, All Environmental, Inc. 901 Moraga Road,
Suite C, Lafayette, CA 94549
Files

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ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

To: PETER MCINTYRE

From: DON HUANG 510-567-6746

Date: 3/6/03

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 5, 2001

STID 1121

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602

RE: Property at 3635 13th Ave., Oakland, CA 94610

Dear Mr. Williamson:

I am in receipt of "Well installation and Sampling" document, dated October 25, 2001, submitted by Mr. Peter McIntyre of All Environmental Inc., concerning the above referenced site. This office had previously received and approved the proposed workplan regarding the above referenced site dated December 3rd, 1999. This included installations of two additional monitoring wells. In my previous correspondence I had indicated that the workplan was acceptable due to the following:

The groundwater flow gradient is southeasterly and the proposed monitoring wells are either cross-gradient (MW-4) or down-gradient and off-site (MW-5).

SB5, SB6, and SB8, all off-site borings, revealed existence of some contaminants in soil and ground water, the petroleum contaminants seems to have migrated off-site to the southeast.

Furthermore, I suggest that the proposed MW-5 well be moved about 10 feet further to the northeast, from the previously proposed location, to better situate the well for capturing any down-gradient contaminants.

Additionally all existing monitoring wells must be properly maintained.

Please notify this office in advance regarding your fieldwork schedule, so that a representative of this office could be present during the field works event if necessary.

If you have any questions, please do not hesitate to call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Peter McIntyre, All Environmental, Inc. 901 Moraga Road,
Suite C, Lafayette, CA 94549
Files

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

October 25, 2001

Mr. Amir Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Well Installation and Sampling
3635 13th Avenue
Oakland, California
AEI Project No. 4575

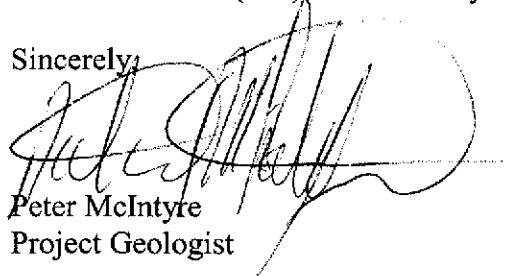
Dear Mr. Gholami:

This letter is written to serve as an update to the fuel release investigation at the above referenced project. AEI was recently retained to complete the scope of work outlined in AEI Consultants December 3, 1999 workplan approved by your office in a letter dated December 16, 1999. This scope of work consists of initial sampling of the existing monitoring wells, followed by the installation of two (2) additional down-gradient (off-site) wells. The location of the wells had been chosen based on previous groundwater flow direction determinations and previous off-site soil borings.

AEI has scheduled the preliminary sampling of the existing wells to occur within approximately 2 weeks. The drilling work will be setup to occur once the lab results of the initial sampling are received.

Please call me at (925) 283-6000 if you have any questions.

Sincerely,


Peter McIntyre
Project Geologist

Corporate Headquarters

Los Angeles
(310) 798-4255

Phoenix
(602) 240-5990

San Francisco
(800) 801-3224

Seattle
(425) 401-8500

New York
(212) 279-7770

STP
11/21 ✓

RE view with offsite
files
11/5/01
OCT 30 2001
MAY



3210 Old Tunnel Road, Suite B, Lafayette, CA 94549-4157

Phone: (925) 283-6000 Fax: (925) 283-6121

October 25, 2001

Mr. Amir Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Well Installation and Sampling
3635 13th Avenue
Oakland, California
AEI Project No. 4575

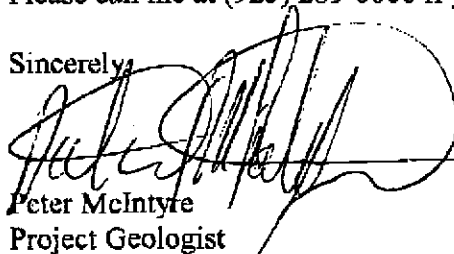
Dear Mr. Gholami:

This letter is written to serve as an update to the fuel release investigation at the above referenced project. AEI was recently retained to complete the scope of work outlined in AEI Consultants December 3, 1999 workplan approved by your office in a letter dated December 16, 1999. This scope of work consists of initial sampling of the existing monitoring wells, followed by the installation of two (2) additional down-gradient (off-site) wells. The location of the wells had been chosen based on previous groundwater flow direction determinations and previous off-site soil borings.

AEI has scheduled the preliminary sampling of the existing wells to occur within approximately 2 weeks. The drilling work will be setup to occur once the lab results of the initial sampling are received.

Please call me at (925) 283-6000 if you have any questions.

Sincerely,



Peter McIntyre
Project Geologist

Los Angeles
(310) 798-4255

Phoenix
(602) 240-5990

Corporate Headquarters
San Francisco
(800) 801-3224

Seattle
(425) 401-8500

New York
(212) 279-7770

www.aeiconsultants.com

Aluminum ... 11/29/01
AEI

AEI

CONSULTANTS
ENVIRONMENTAL & CML ENGINEERING SERVICE

AEI CONSULTANTS
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549
PHONE: (800) 801-3224
(925) 283-6000
FAX: (925) 283-6121

SMB
1121

Date: 10/24/01

Hard Copy Sent? Y N

To: Mr. Amir Gholami
ACHCSA
Phone: 510 567-6876
Fax: 510 337-9335

From: Peter McIntyre

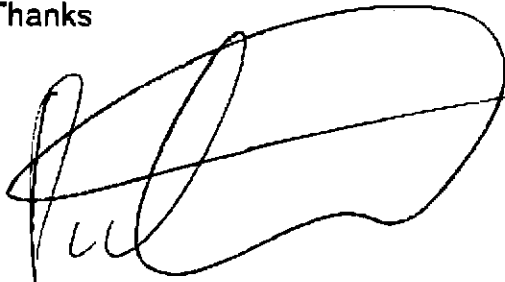
Pages: 2, including this cover page

Subject:

Mr. Gholami:

Following is the letter you requested. Please call me with any questions. I will keep you updated as we schedule this project.

Thanks





Winston H. Hickox
Secretary for
Environmental
Protection

DOISA
AG

State Water Resources Control Board

Division of Clean Water Programs

1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5757 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustict



Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

October 15, 2001

John Williamson
1511 Wellington St
Oakland, CA 94602

OCT 19 2001

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 009184, PA # 2
SITE ADDRESS: 3635 13TH AVE, OAKLAND, CA 94610**

I have reviewed your request, received on September 27, 2001, for pre-approval of corrective action costs. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the January 20, 1999, AEI Consultants workplan approved by the Alameda County EHD (County) in their December 15, 1999 letter, is \$ 20,012; see the table below for a breakdown of costs.

Be aware that this pre-approval does not constitute a decision on reimbursement: **necessary** (as determined by the Fund) corrective action costs for action work **directed and approved by the County** will be eligible for reimbursement at costs consistent with those pre-approved in this letter. However, depending on what happens in the field, some costs may not actually be necessary.

In an effort to expedite future reimbursement requests associated with the implementation of the corrective action tasks pre-approved in this letter, we ask that the attached 'Pre-Approval Specific Reimbursement Request Form' be completed, updated and submitted with each reimbursement request. All relevant supporting documentation must also be included with each reimbursement request.

In order for future costs for corrective action to be part of the expedited reimbursement process, they must be pre-approved in writing by Fund staff.

All costs for corrective action must meet the requirements of Article 11, Chapter 16, Underground Storage Tank Regulations in order to be eligible for reimbursement.

COST PRE-APPROVAL BREAKDOWN

#	Task*	Amount Pre-Approved	Comments
1	Initial Sampling (3 wells)	\$1,772	This cost includes all time and material associated with this task.
2	Well Installation (2 MW) & Report	\$8,640	The requested cost includes all time, material and permit costs associated with this task.
3	Quarterly Monitoring and Sampling of 5 Wells for 4 Events	\$9,600	This cost includes all time and material associated with this task. (Quarterly Monitoring and Sampling of 5 Wells for 4 events)
TOTAL PRE-APPROVED		\$ 20,012	

* Task descriptions are the same as those identified in All Environmental's September 23, 2001 cost estimate.

- Only the tasks/costs reflected on the above table are pre-approved at this time. The Fund will review any tasks/costs that go beyond the pre-approved amount to be determined if the additional tasks and costs are necessary and reasonable. However, if costs exceed the above pre-approved amounts, the Fund will be unable to expedite your Reimbursement Request.
- The work products must be acceptable to the County and the Regional Water Quality Control Board.
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.
- Although I have referred to the All Environmental proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated September 23, 2001 by All Environmental for conducting the work approved by the County.

I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all necessary future corrective action work. If you need assistance in procuring contractor and consultant services, don't hesitate to call me.

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed.

Please insure that your consultant prepares their invoices to include the required breakdown of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:

- *subcontractor invoices,*
- *technical reports, when available, and*
- *applicable correspondence from the County.*

Please call if you have any questions; I can be reached at (916) 341-5757.

Sincerely,

Sunil Ramdass.

Sunil Ramdass, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc: Amir K. Gholami
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



December 16, 1999

STID 1121

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

RE: Property at 3635 13th Ave., Oakland, CA 94610

Dear Mr. Williamson:

This office is in receipt of the proposed workplan regarding the above referenced site dated December 3rd, 1999 submitted by Mr. Peter McIntyre of All Environmental, Inc. Thank you for prompt submittal of the workplan.

I concur with the Mr. McIntyre's proposal made in the workplan due to the following facts:

- The groundwater flow gradient is southeasterly and the proposed monitoring wells are either cross-gradient (MW-4) or down-gradient and off-site (MW-5).
- SB5, SB6, and SB8, all off-site borings, revealed existence of some contaminants in soil and ground water, the petroleum contaminants seems to have migrated off-site to the southeast.

However, I would suggest to move the proposed MW-5 well about 10 feet further to the northeast, from the present proposed location, to better situate the well for capturing any down-gradient contaminants.

Please maintain monitoring of the existing monitoring wells on the site.

As discussed previously, please give me advance notice regarding your fieldwork schedule, so that I could be present during the field works event if necessary.

Should you have any questions, please call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Peter McIntyre, All Environmental, Inc. 901 Moraga Road,
Suite C, Lafayette, CA 94549
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



December 15, 1999

STID 1121

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602

RE: Property at 3635 13th Ave., Oakland, CA 94610

Dear Mr. Williamson:

I am in receipt of the Phase II Subsurface investigation dated January 20, 1999 submitted by Mr. Nick Walchuk of All Environmental, Inc. Thank you for the submittal of the report.

Per my discussion with Mr. Peter McIntyre of AEI, your consultant, I have just been assigned to oversee the clean up activity at the above referenced site.

The groundwater flow gradient is southeasterly and since SB5, SB6, and SB8 revealed existence of some contaminants in soil and ground water, the petroleum contaminants have migrated off-site to the southeast. Therefore I concur with the AEI recommendation for further investigation to delineate the extent of the plume by taking additional soil/groundwater sampling and or monitoring well installation as well as continued monitoring of the existing monitoring wells on the site.

Please submit a workplan as discussed to proceed further with this case.

Please call this office and give me advance notice regarding your sampling schedule, so that I could be present during the sampling event.

If you have any questions, call me at (510) 567-6876.

Sincerely,

Amir K. Gholami, REHS
Hazardous Materials Specialist

C: Mr. Peter McIntyre, All Environmental, Inc. 901 Moraga Road,
Suite C, Lafayette, CA 94549
Files

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

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)

October 20, 1999

STID 1121

Mr. John Williamson
John's Mobil
1511 Wellington Street
Oakland, CA 94602

RE: Property at 3635 13th Ave., Oakland, CA 94610

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Williamson:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: 3635 13th Ave., Oakland

October 20, 1999

Page 2 of 2

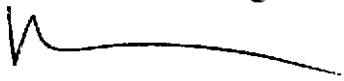
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6876 if you have any questions about the content of this letter.

Sincerely,


Amir K. Gholami, REHS
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB

Attachments: Sample letter 2 and Sample letter 3, which must be filled out by the Responsible Party and mailed to Alameda County.

Alameda County Health care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

"List of Landowners" form
(Sample Letter 2)

**SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (Site name and address)
(to be filled in by the primary responsible party and mailed to Alameda County)**

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2)

1. 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:

2. 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.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

Alameda County Health care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**"Notice of Proposed Action" form
(Sample Letter 3)**

**SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY FOR
(site name and address)
(to be filled in by the primary responsible party and mailed to
Alameda county)**

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 have notified all responsible landowners of the
enclosed proposed action. Check space for applicable proposed
action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no
further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

7/10/97

To: Amy Leech
Hazardous Materials Specialist.

Dear Amy Leech:

Hi, Because of holding Mr. Jerry Breeden
for the manifests for soil disposal, please
extend the deadline for another two weeks.

Thanks!

Sincerely yours

Eric A. J.

ALL ENVIRONMENTAL, INC.

3364 Mt. Diablo Boulevard

Lafayette, CA 94549

(510) 283-6000

FAX: (510) 283-6121

1121
Mobil
PE

FAX TRANSMITTAL SHEET

TO: Kevin Tinsley

FAX NUMBER: 337-9335

FROM: Bryan Campbell, Project Geologist

MESSAGE: Workplan for project at:

3635 13th Avenue

Oakland, CA 94610

Please review and call me if you have
any questions. A stamped hard copy will
follow in the mail. We would like to
perform this work on Tuesday, June 10, 1997
(if possible) or on ~~the~~ Friday, June 13, 1997.

If you would like to inspect the project, please
call and we will arrange the most convenient
drilling date.

DATE: 6/5/97 No. of Pages (Including cover page): 6

AEI

ALL ENVIRONMENTAL, INC.

Environmental Engineering & Construction

June 5, 1997

Mr. Kevin Tinsley
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Phase II Subsurface Investigation Workplan
3635 13th Avenue
Oakland, California
Project No. 1610
STID 1121

Dear Mr. Tinsley

This letter is a proposed workplan for your review and approval for the soil and groundwater investigation to be performed at the above referenced site. All Environmental, Inc. (AEI) is providing environmental engineering consulting and construction services to Mr. John Williamson, the owner of the site, and is submitting this letter on his behalf.

Site Description and Background

The site is located in a largely residential zone of Oakland approximately 100 yards east of Highway 580, at the northwest corner of 13th Avenue and Excelsior Avenue (refer to Figure 1 and Figure 2). The property slopes gently toward the southeast and is currently paved with asphalt. The nearest significant surface water is the Central Reservoir, located approximately one quarter mile to the southeast.

In December, 1992, three underground storage tanks were removed from the site by Aqua Science Engineers, Inc. of San Ramon (Ref. - Final Report Underground Storage Tanks Removal, dated January 20, 1993). The three tanks consisted of one 250 gallon steel waste oil tank, one 500 gallon steel gasoline tank, and one 1,000 gallon steel gasoline tank. The former locations of the tanks are shown in Figure 2. Soil samples collected from beneath the 250 gallon waste oil tank showed concentrations of 8,200 mg/kg Total Oil and Grease (TOG), 290 mg/kg Total Petroleum Hydrocarbons (TPH) as gasoline, and 225 mg/kg total lead. Soil samples collected from beneath the 1,000 gallon tank indicated maximum concentrations of 27 mg/kg TPH as gasoline and 5.5 mg/kg benzene. Only minor concentrations of TPH as gasoline and benzene, toluene, ethylbenzene, and total xylenes (BTEX) was found within samples from beneath the 500 gallon tank.

In September, 1993, AEI demolished the former office and mechanics shop in preparation of the soil excavation in the vicinity of the former 250 gallon tank located within the building (Ref. - Contaminated Soil Over-Excavation Final Report, dated November 18, 1993). AEI removed and disposed of approximately 360 cubic yards of hydrocarbon contaminated soil in the vicinity of the former 250 gallon tank. Excavation sidewall samples indicated minor contaminant concentrations remain. AEI does not feel that the former 250 gallon waste oil tank poses a significant threat to the soil or groundwater at the site due to the excavation activities performed in the area of this tank.

During the tank removals, soil samples were not collected from beneath the former dispenser pump island. In response to a letter, dated August 21, 1995, from the ACHCSA, AEI advanced two soil borings at each end of the former dispenser pump island to assess the existence of any potential soil contamination (Ref. - Phase II Limited Subsurface Investigation). Analysis of soil samples collected from the two borings indicated concentrations of TPH as gasoline and BTEX below the detection limit.

Corporate Headquarters:

3364 Mt. Diablo Blvd.
Lafayette, CA 94549
Phone: (510) 283-6000
Fax: (510) 283-6121

Sacramento Office:

5524 Assembly Ct., Suite 10
Sacramento, CA 95823
Phone: (916) 429-0776
Fax: (916) 424-0182

Los Angeles Office:

111 N. Sepulveda Blvd., #250
Manhattan Beach, CA 90266
Phone: (310) 328-8878
Fax: (310) 798-2841

Mr. Kevin Tinsley
Alameda County Health Care Services Agency
June 5, 1997
Project No. 1610
Page 2

AEI prepared a workplan, dated December 9, 1993 to outline the proposed soil and groundwater investigation and was approved by the ACHCSA prior to initiation of the work. Three monitoring wells, MW-1 through MW-3, were installed on the site in March, 1994, for the purpose of monitoring groundwater contamination (Ref. - Soil Boring and Monitoring Well Installation, dated December 14, 1994). The wells were developed on November 11, 1994 and groundwater samples were first retrieved from the wells on November 22, 1994. The locations of the monitoring wells are shown in Figure 2.

During the September, 1996 groundwater monitoring and sampling episode, contaminant concentrations in well MW-2 were recorded at 15,000 µg/l TPH as gasoline and 4,300 µg/l benzene (Ref. - Semi-Annual Groundwater Monitoring and Sampling Report, dated October 28, 1996). Well MW-2 is located near the eastern site boundary (refer to Figure 2). Concentrations of TPH as gasoline and BTEX in samples from wells MW-1 and well MW-3 were below the detection limit. AEI's report also states that groundwater flows towards the southeast which would indicate that the plume of groundwater contamination as indicated by the contaminant levels in well MW-2 may be flowing off-site.

Purpose

As per the ACHCSA's letter dated November 15, 1996, AEI is proposing to perform a Phase II Subsurface Investigation to further delineate the lateral extent of petroleum impacted groundwater off-site and to investigate potential soil contamination in the vicinity of the former 500 gallon and 1,000 gallon gasoline tanks.

Analysis of groundwater samples from well MW-2 have shown elevated levels of TPH as gasoline between 4,000 µg/l and 15,000 µg/l indicating that a source of groundwater contamination remains in the vicinity of well MW-2. One possible source of contamination may be the former product lines which at one time connected the 500 gallon and 1,000 gallon gasoline tanks to the dispenser pump island. The product lines were removed during the removal of the tanks but soil sampling along the former product lines was never completed. Although the exact location of the former product lines is unknown, soil sampling in the vicinity of the former 500 gallon and 1,000 gallon gasoline tanks should be sufficient to determine the location of high levels of soil contamination.

In addition, AEI proposes to advance soil borings off-site to determine the lateral extent of groundwater contamination as indicated by the high contaminant levels in groundwater samples from well MW-2. The results of these borings may be used to determine the location of a future off-site groundwater monitoring well. The following workplan describes the proposed Phase II Subsurface Investigation.

Scope of Work

AEI proposes to advance six soil borings (SB-1 through SB-6) to a depth of 20 feet below ground surface (bgs) or until first groundwater, whichever is encountered first. Groundwater is expected at 15 feet bgs. Groundwater beneath the site flows towards the southwest. The borings will be advanced with a Geoprobe drill rig in the locations shown in Figure 2.

Borings SB-1 through SB-5 will be advanced to define the lateral extent of soil contamination around the former product dispenser and the former 500 gallon and 1,000 gallon tank. Groundwater samples will be collected from borings SB-1 through SB-4 to better define the extent of groundwater contamination on-site between well MW-3 and well MW-2. Groundwater samples will be collected from boring SB-5 to define the extent of groundwater contamination down-gradient of the former product dispenser and the former 500 gallon and 1,000 gallon tank. Boring SB-6 will be advanced to define the extent of groundwater contamination down-gradient of well MW-2.

Mr. Kevin Tinsley
Alameda County Health Care Services Agency
June 5, 1997
Project No. 1610
Page 3

All work will be performed under the direction of a registered professional. All soil borings will be logged on-site by a trained geologist using the Unified Soil Classification System. For all borings, undisturbed soil samples will be collected at 3 feet below ground surface (bgs), and then at 5 foot intervals beginning at 5 feet bgs. The exact depth and number of soil samples to collect will be determined on-site by the geologist. The samples will be collected for visual classification and chemical analysis in 7/8-inch acrylic liners. Soil samples obtained during drilling will be screened in the field via sensory perceptions and portable organic vapor meter. One soil sample from each boring will be analyzed at a state certified laboratory. The soil samples selected for chemical testing will be determined by the geologist on-site at the time of sampling.

All soil samples will be secured using Teflon tape and caps. All samples will be put on ice and transported, under chain of custody procedures to McCampbell Analytical, Inc. in Pacheco, California (State Certification No. 1644). Soil samples will be analyzed for TPH as gasoline, BTEX, methyl tert-butyl ether (MTBE), and TPH as diesel.

Groundwater samples will be collected from all borings to assess potential groundwater contamination. The borings will be advanced using a Geoprobe drill rig and continuously cored. The borings will be advanced using a dual casing system to prevent the overlying soil from falling into the groundwater and potentially causing cross contamination of the groundwater sample. The borings will then be allowed to recharge. Groundwater samples will be collected from the borings with a pre-cleaned stainless steel bailer. Groundwater will be placed in 40 ml VOAs and 1 liter amber bottles and placed on ice for transport to McCampbell Analytical, Inc. in Pacheco, California (State Certification No. 1644). The groundwater samples will be analyzed for TPH as gasoline, BTEX, MTBE, and TPH as diesel.

Minimal cuttings are expected to be generated from the drilling. Any soil cuttings will be stored on-site in 5 gallon drums. On-site treatment or off-site disposal of contaminated drill cuttings is not a part of this work scope.

AEI requests your approval to proceed with this project. AEI is eager to complete this work as soon as possible. Please let me know if you need additional information and please do not hesitate to call me at (510) 283-6000 if you have any questions.

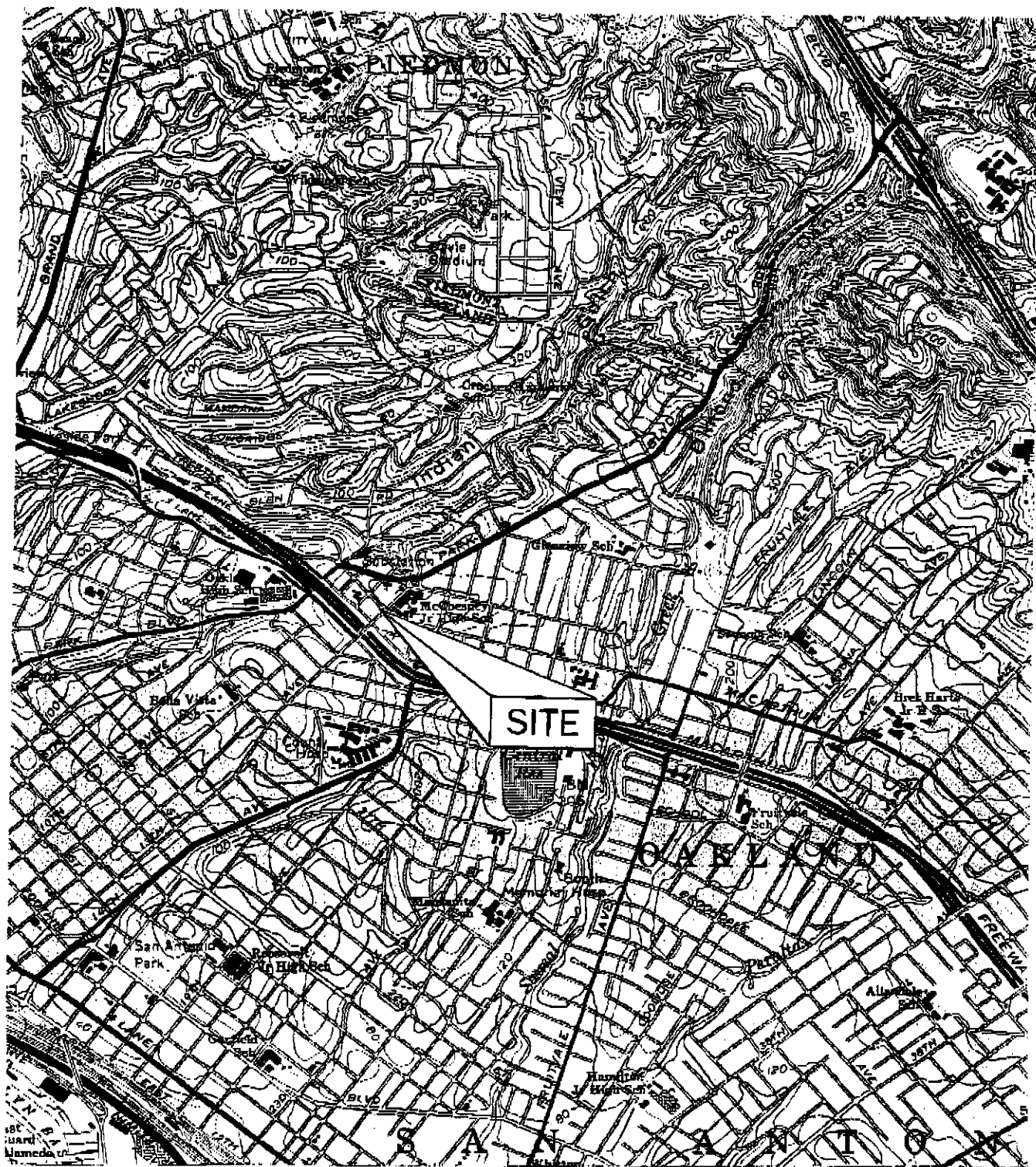
Sincerely,
ALL ENVIRONMENTAL, INC.

Bryan Campbell
Project Geologist

Joseph P. Derhake, PE, CAC
Senior Author

Attachments: Figures

cc: Mr. John Williamson, 1511 Wellington Street, Oakland, CA 94602



FROM:
 US GEOLOGICAL SURVEY
 OAKLAND WEST QUADRANGLE
 7.5 MINUTE SERIES
 PHOTOREVISED 1980

Scale: 1 : 24000

ALL ENVIRONMENTAL, INC.
 3364 MT. DIABLO BOULEVARD, LAFAYETTE, CA

DRAWN BY:

REVISED BY:

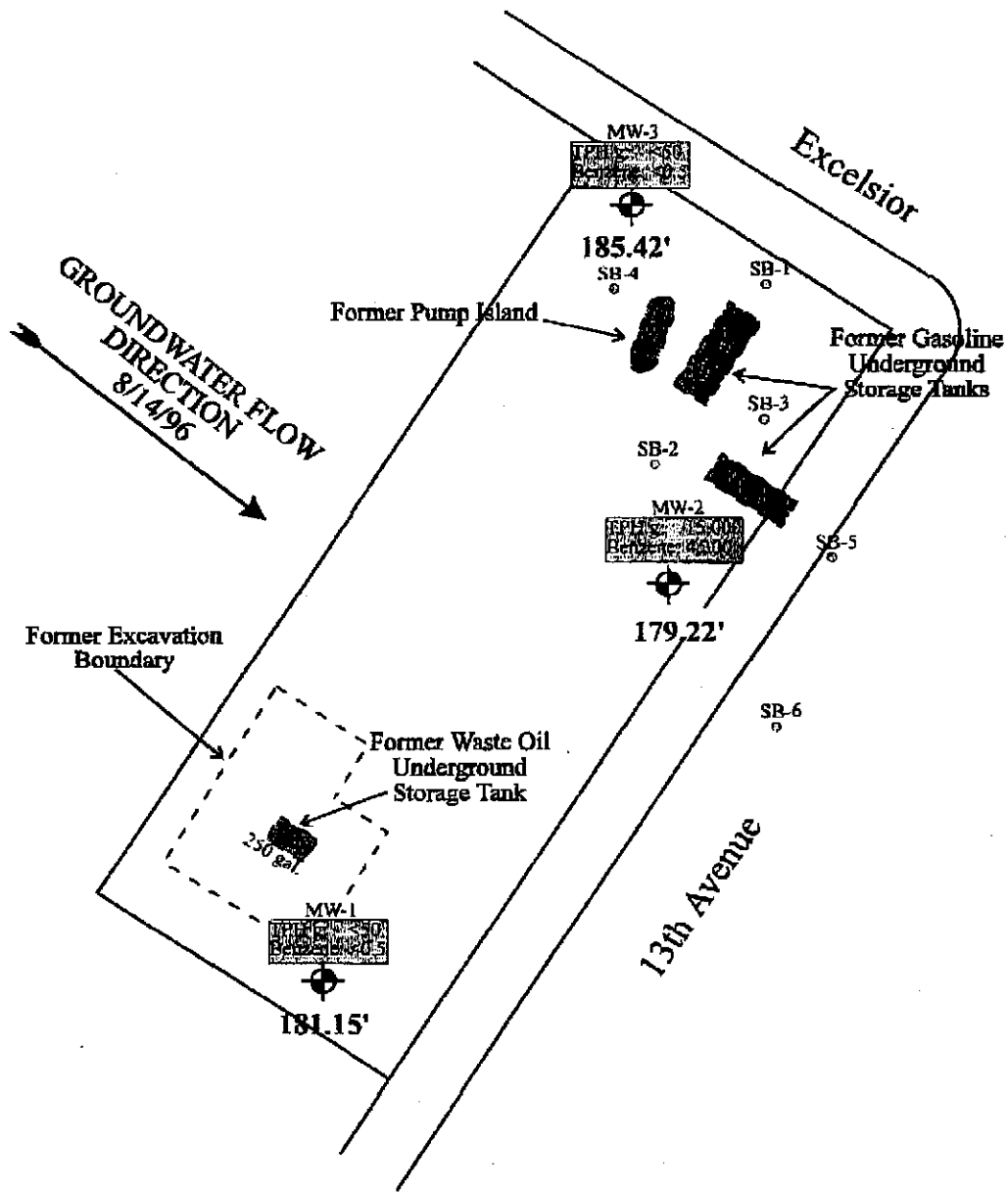
DATE:




APPROVED BY:

SITE LOCATION MAP

3635 13th Avenue, Oakland

DRAWING NUMBER:
FIGURE 1



MW-1

 Groundwater Monitoring Well (Inst. 3/24/94)

 TPHg: TPH as gasoline (ug/l)
 Benzene: Benzene (ug/l)

181.15' Groundwater Elevation (feet)

Note: Well locations and property boundaries surveyed accurately, tank locations approximate.

0 20
 Scale, feet

○ Proposed Soil Boring Location

ALL ENVIRONMENTAL, INC.	
3364 MT. DIABLO BOULEVARD, LAFAYETTE, CA	
DRAWN BY:	REVISED BY:
DATE:	APPROVED BY:
GROUNDWATER GRADIENT	
3635 13th Avenue, Oakland	DRAWING NUMBER: FIGURE 2



Cal/EPA

**State Water
Resources
Control Board**

**Division of
Clean Water
Programs**

Mailing Address:
P.O. Box 944212
Sacramento, CA
94244-2120

2014 T Street,
Suite 130
Sacramento, CA
95814
(916) 227-4307
FAX (916) 227-4530

World Wide Web:
<http://www.swrcb.ca.gov/~cwphome/fundhome.htm>

February 25, 1997

JOHN WILLIAMSON
1511 WELLINGTON ST
OAKLAND, CA 94602

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, NOTICE OF PROPOSED WITHDRAWAL OF LETTER OF COMMITMENT AND CLAIM CLOSURE: CLAIM NUMBER 009184; FOR SITE ADDRESS 3635 13TH AVE, OAKLAND 94610

Our letter dated July 10, 1996 requested that you submit a reimbursement request with the supporting documentation or submit a written explanation as to the status of the cleanup and when a reimbursement request could be expected. We received a response dated July 22, 1996 and you were granted a six month extension to submit a reimbursement request. However, we have not received a reimbursement request.

This letter is to notify you that the Underground Storage Tank Cleanup Fund (Fund) is proposing to withdraw your LOC and close your claim from the Fund for the following reason:

Your last reimbursement request was received by the Fund on July 28, 1995. If you do not submit a reimbursement request or adequate explanation within 30 calendar days, the Fund will proceed with the closure of your claim.

If you are not in agreement with this decision, you may request a review of the decision by the Manager of the Underground Storage Tank Cleanup Fund Program within thirty (30) days from the date of this letter. Please send any request for review to:

Mr. Dave Deaner, Manager Claim No. 009184
State Water Resources Control Board
Division of Clean Water Programs
P. O. Box 944212
Sacramento, CA 94244-2120

If a request for review of this decision is not received within thirty (30) days from the date of this letter, your LOC will be withdrawn and your claim will be closed. This action will become final and conclusive and you will not be able to request any additional funds.

If you have any questions, please contact Linda Boller at (916) 227-2787.

Sincerely,

Linda Boller
Steve Parada, Reimbursements
Underground Storage Tank Cleanup Fund

cc: Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl
Alameda, CA 94502-6577

STAFF #1121
PE



Pete Wilson
Governor



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



STID 1121

November 15, 1996

John Williamson
1511 Wellington Street
Oakland, CA 94602

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

RE: JOHN'S MOBIL, 3635 13TH AVENUE, OAKLAND

Dear Mr. Williamson,

This office is in receipt of and has completed review of the case file for this site, up to and including the October 28, 1996, All Environmental Inc., (AEI) "Semi-annual Groundwater Monitoring and Sampling Report".

Groundwater samples collected from MW-2 have consistently shown the highest levels of detectable hydrocarbons during the four sampling events, with the most recent groundwater sampling detecting 15,000 ppb-TPHg, 1,900 ppb-TPHd, 4300 ppb-benzene, 920 ppb-toluene, 460 ppb-ethyl benzene and 1,600 ppb-total xylenes. **Benzene concentrations have increased from 17 ppb to 4,300 ppb in well MW-2, yet no explanation is given in the AEI report.** The AEI report simply states that "Analysis of groundwater samples from well MW-2 continues to indicate high levels of contamination" and "recommends the continued semi-annual monitoring and sampling of the wells".

This soil and groundwater data was analyzed using a limited ASTM Risk-Based Corrective Action (RBCA) Tier 1 Risk Based Screening Level (RBSL) evaluation as referenced in the ASTM E 1739 - 95 document "Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites". The ASTM E 1739 - 95 document is a consistent decision-making process for the assessment and response to a petroleum release, and is based on the protection of human health and the environment. The Tier I risk assessment compares the chemicals of concern (COCs) documented at the site with Tier 1 RBSLs as presented in the published Look-up Table (ASTM E 1739-95 - Table X2.1 "Example Tier 1 Risk-Based Screening Level (RBSL) Look-up Table). *Note: Hazard Quotients (HQ) are used in the development of RBSLs for non-carcinogenic compounds only (examples: toluene, ethyl benzene, total xylenes, etc.), and are not used in determining RBSLs for carcinogens such as benzene.*

This evaluation determined that for the following risk exposure scenario, contaminant levels exceed the CA-modified Tier 1 RBSLs:

- ◆ "Groundwater-Vapor Intrusion from Groundwater to Buildings" at a target level of 1E-04 (2.14 mg/L, 1 in 10,000 excess cancer risk) for a commercial/industrial receptor scenario.

Mr. Williamson
RE: 3635 13th Avenue, Oakland
November 15, 1996
Page 2 of 2

Ground water monitoring data generated since November 1994 have shown ground water gradient and flow direction to be in a southeasterly direction at a fairly steep gradient (approximately 0.1ft/ft). Ground water samples collected from monitoring well MW-2 have consistently revealed elevated levels of TPHg and BTEX. The extent of the groundwater contamination has not yet been defined.

Pursuant to provisions of Article 11, Title 23, California Code of Regulations you are required to perform a soil and water investigation (SWI) to define the extent of both soil and groundwater contamination. In order to pursue the SWI in a more cost-effective fashion, this office has suggested that you first employ rapid site assessment tools (e.g. CPT, Geo Probe, Hydropunch, etc.) to qualitatively assess impacts and to define the extent of the contaminant plume before proposing final well locations.

At a minimum, one additional groundwater monitoring well should be installed down gradient of well MW-2 and the two former gasoline underground storage tanks (USTs).

This work plan is due within 60 days of the date of this letter, or by January 15, 1997.

Work should commence no later than 30 days following approval in writing from this office.

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267(b). Failure to respond may result in the referral of this case to the RWQCB for enforcement action.

For your information, I have taken over management of this site from Jennifer Eberle of this office. Please feel free to call me directly at 510/567-6880, should you have any questions.

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

c: Dale Klettke--files
Joe Derhake, AEI, 3364 Mt. Diablo Blvd., Lafayette, CA 94549

1121swi2.dkt

Rx

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

STID 1121

DEPARTMENT OF PUBLIC HEALTH
499 Fifth Street
Oakland, California 94607
(510)

January 10, 1996

John Williamson
1511 Wellington Street
Oakland, CA 94602

RE: JOHN'S MOBIL, 3635 13TH AVENUE, OAKLAND

Dear Mr. Williamson,

In an Alameda County Health Care Services Agency (ACHCSA) letter dated October 12, 1995, I requested additional information in the form of a Soil and Water Investigation (SWI) for the above referenced site.

In response to the changing regulations resulting from Senate Bill 1764 (and the SB1764 Scientific Advisory Committee), the California Regional Water Quality Control Board (RWQCB) issued its December 8, 1995 "Interim Guidance on Required Cleanup at Low Risk Fuel Sites". This document was further modified by the January 5, 1996-RWQCB "Supplemental Instructions" guidance recommended for use in regulating low-risk sites.

These guidance documents concur with the findings and conclusions of the Lawrence Livermore National Laboratory Study (October 16, 1995), which recommended that fuel sites be treated differently and less stringently than solvent sites. The study also concluded that most fuel sites fall into the low-risk category, for which source removal and passive remediation are adequate.

In order for your site to fall into the "Low Risk Groundwater Case" the following definitions must apply:

- 1) The leak has been stopped and ongoing sources, including free product, have been removed or remediated.
- 2) The site has been adequately characterized.
- 3) The dissolved hydrocarbon plume is not migrating.
- 4) No water well, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.
- 5) The site presents no significant risk to human health.
- 6) The site presents no significant risk to the environment.

Mr. Williamson
RE: 3635 13th Avenue, Oakland
Page 2 of 2

For more detailed information and a copy of the Interim Guidance Document, please contact the Regional Board. Also, please note that this guidance, like that provided in the State Board's December 8 letter, is only interim. The recommendations of the S1764 Scientific Advisory Committee are due this month, and any pending changes will presumably be reflected in the State Board's spring update to its cleanup policy later this spring.

After cursory review of your site files, at this time it appears that your site qualifies as a low-risk groundwater site. Therefore passive remediation including continued groundwater monitoring will be required.

At this time please adhere to a **quarterly** schedule of well sampling, monitoring, and report submittal as referenced in Title 23, California Code of Regulations (CCR) section 2652(d), beginning 1st quarter 1996. Sample analytes shall continue to be total petroleum hydrocarbons as gasoline (TPHg), MTBE and the aromatic hydrocarbons benzene, toluene, ethyl benzene and total xylene isomers (BTEX).

Sampling of monitoring wells MW1, MW2 and MW3 should continue until four consecutive sampling events have documented acceptable levels of chemicals in groundwater samples collected from the three monitoring wells. After the documentation of the next (first quarter-1996) quarter of groundwater sampling, ACHCSA will re-evaluate the site to determine whether a reduced (semi-annual) schedule of groundwater monitoring is warranted for this site.

The submittal of a Soil and Water Investigation work plan is no longer being requested by this office as documented by my ACHCSA letter dated October 12, 1995.

This case has been transferred to my oversight by Jennifer Eberle of this office. Please feel free to call me directly at 510/567-6880, should you have any questions.

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

c: Gordon Coleman, Acting Chief, Environmental Protection Division--files
Jennifer Eberle-file
Gil Jensen, Alameda County District Attorney's Office
Jennifer Anderson, ALL Environmental, 2641 Crow Canyon Rd, Suite 5, San Ramon
94583

h
1121xswi.dkt



STID 1121

DEPARTMENT OF ENVIRONMENTAL HEALTH
80 Swan Way, Rm. 210
Oakland, CA 94621
(510) 271-4300

October 12, 1995

John Williamson
1511 Wellington Street
Oakland, CA 94602

RE: JOHN'S MOBIL, 3635 13TH AVENUE, OAKLAND

Dear Mr. Williamson,

As per our conversation on October 11, 1995, you raised concerns regarding the August 21, 1995 ACHCSA letter from Jennifer Eberle of this office. You requested that you receive documentation defining the analytical parameters for the soil samples taken at two different locations from beneath the dispenser island.

The analytical parameters for the soil samples collected from beneath the dispenser island are to be total petroleum hydrocarbons as gasoline (TPHg) and the BTEX fractions, benzene, toluene, ethyl benzene and total xylene isomers.

As you already know from our recent conversation, groundwater has been sampled for four quarters in monitoring wells MW-1, MW-2 and MW-3. Significant concentrations are being detected in all three monitoring wells, with monitoring well MW-2 being located in the "inferred" down gradient direction from the former gasoline USTs, and MW-1 being located in the "inferred" down gradient direction from the former waste oil tank. Groundwater samples collected from MW-2 have consistently shown the highest levels of detectable hydrocarbons during the four sampling events, with the most recent groundwater sampling detecting 7200 ppb TPHg, 43 ppb-benzene, 21 ppb-toluene, 21 ppb-ethyl benzene and 71 ppb-total xylenes.

The groundwater sample collected from MW-1, which is located in the "inferred" down gradient direction from the former waste oil tank, was found to contain 2800 ppb-TPHg, 25 ppb-benzene, 6.2 ppb-toluene, 22 ppb-ethyl benzene and 30 ppb-total xylenes. These petroleum hydrocarbons are usually associated with gasoline releases, and are usually not associated with waste oil releases. In addition, the groundwater sample from MW-1 was found to contain non-detectable concentrations of total petroleum hydrocarbons as diesel (TPHd) and total oil and grease (TOG), substances normally found in waste oil releases.

Monitoring well MW-3 was installed in an up-gradient location from the former gasoline USTs. However, monitoring well MW-3 has consistently shown elevated levels of TPHg and BTEX fractions, with the most recent groundwater sampling event detecting 310 ppb-TPHg, 3.1 ppb-benzene, 2.1 ppb-toluene, 2.2 ppb-ethyl benzene and 11 ppb-total xylenes.

1-9-96

Post-It™ brand fax transmittal memo 7671 # of pages ▶ 5

To <i>J. Anderson</i>	From <i>J. Eberle</i>
Co.	Co.
Dept.	Phone #
Fax #	Fax #

Mr. Williamson
RE: 3635 13th Avenue, Oakland
Page 2 of 2

Ground water monitoring data generated since November 1994 have shown ground water gradient and flow direction to be in a southeasterly direction at a fairly steep gradient (approximately 0.1ft/ft). Ground water samples collected from monitoring wells MW-1, MW-2 and MW-3 have consistently shown elevated concentrations of fuel hydrocarbons. The extent of the contamination has not yet been defined.

Pursuant to provisions of Article 11, Title 23, California Code of Regulations you are required to perform a soil and water investigation (SWI) to define the extent of both soil and groundwater contamination. In order to pursue the SWI in a more cost-effective fashion, this office has suggested that you first employ rapid site assessment tools (e.g. CPT, Geo Probe, Hydropunch, etc.) to qualitatively assess impacts and to define the extent of the contaminant plume before proposing final well locations.

This work plan is due within 90 days of the date of this letter, or by January 12, 1995. Work should commence no later than 30 days following approval in writing from this office.

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267(b). Failure to respond may result in the referral of this case to the RWQCB for enforcement action.

The soil sampling to be performed around the former dispenser islands should be completed as soon as possible, since results of this soil sampling may need to be incorporated into the forthcoming SWI.

I am temporary covering for Jennifer Eberle in her absence. Please feel free to call me directly at 510/567-6880, should you have any questions.

Sincerely,



Dale Klettke, CHMM
Hazardous Materials Specialist

c: Gordon Coleman, Acting Chief, Environmental Protection Division--files
Jennifer Eberle-file
Gil Jensen, Alameda County District Attorney's Office

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Director

August 21, 1995
STID 1121

John Williamson
1511 Wellington St.
Oakland CA 94602

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

RE: John's Mobil, 3635-13th Ave., Oakland CA 94610

Dear Mr. Williamson,

Since my last letter to you, dated 10/28/94, the following documents have been received in this office:

- 1) 12/14/94 "Final Report, Soil Boring and Monitorig Well Installation," prepared by AEI
- 2) 3/9/95 "2nd Quarterly Groundwater Monitoring Report," prepared by AEI
- 3) 6/19/95 "Third Quarterly Groundwater Monitoring Report," prepared by AEI

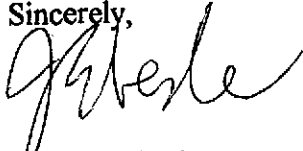
As you probably know, groundwater has been sampled for 3 consecutive quarters, with a consistent Southeast groundwater flow direction. MW2 has shown consistent and significant concentrations of TPH-gasoline and BTEX.

Upon a thorough review of the file for this case, it appears that soils below the pump island were never sampled. Reference can be made to the 1/20/93 "Final Report, Underground Storage Tanks Removal" report, prepared by Aqua Science Engineers. Since the pump island was located immediately North of the former gasoline USTs, and North-Northwest (upgradient) of MW2, it is possible that soil contaminants in this area are the source of the groundwater contamination in MW2. **Therefore, you are requested to collect samples from two locations below the former dispenser island.** This can be done most easily and inexpensively with a hand auger. Soil samples should be collected from at least two depths in each sample location, starting at 5' bgs. Our files include a site map which was not drawn to scale. **You are requested to procure a site map, which indicates the location of the former pump island.** Please check your files for such a site map. A workplan will not be necessary for this work. However, I would like to work with your consultant and a better site map. **Please respond to this matter within 30 days, or by September 21, 1995.**

August 21, 1995
STID 1121
John Williamson
page 2 of 2

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335. **You are encouraged to submit reports on double-sided paper in order to save trees.**

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Mike Killoran, All Environmental Inc., 2641 Crow Canyon Rd., #5, San Ramon CA
94583
Leroy Todd/file

je.1121

STATE WATER RESOURCES CONTROL BOARD
 DIVISION OF CLEAN WATER PROGRAMS
 2014 T STREET, SUITE 130
 P.O. BOX 944212
 SACRAMENTO, CALIFORNIA 94244-2120
 (916) 227-4360
 (916) 227-4530 (FAX)

ENVIRONMENTAL
 PROTECTION

95 MAR 29 PM 1:15

MAR 24 1995

#1121
 JE



J. Williamson
 1511 Wellington Street
 Oakland, CA 94602

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 009184, FOR SITE ADDRESS: 3635 13th Avenue, Oakland, CA 94610

The State Water Resources Control Board (State Board) takes pleasure in issuing the attached Letter of Commitment in an amount not to exceed \$56,000. This Letter of Commitment is based upon our review of the corrective action costs incurred to date and your application received on October 17, 1994 and may be modified by the State Board in writing by an amended Letter of Commitment.

Read the terms and conditions listed in the Letter of Commitment. The State Board will take steps to withdraw this Letter of Commitment after 90 calendar days from the date of this transmittal letter unless you proceed with due diligence with your cleanup effort. This means that you must take positive, concrete steps to ensure that corrective action is proceeding with all due speed. For example, if you have not started your cleanup effort, you must obtain three bids and sign a contract with one of these bidders within 90 calendar days. If your cleanup effort has already started and was delayed, you must resume the expenditure of funds to ensure that your cleanup is proceeding in an expeditious manner. You are reminded that you must comply with all regulatory agency time schedules and requirements.

This package includes the following:

- A "Reimbursement Request Instructions" package. Retain this package for future reimbursement requests. These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are:
 - Samples of completed Reimbursement Request forms and Spreadsheets.
 - Recommended Minimum Invoice Cost Breakdown
- A "Bid Summary-Sheet to list information on bids received.
- A "Certification of Non-Recovery From Other Sources" which must be returned before any reimbursements can be made.
- "Reimbursement Request" forms which you must use to request reimbursement of costs incurred.
- "Spreadsheet" forms which you must use in conjunction with your Reimbursement Request.
- "Claimant Data Record" (Std. Form 204) which must be completed and returned with your first Reimbursement Request.

YOU MUST SUBMIT A REIMBURSEMENT REQUEST PACKAGE BY 1, OR SEND A WRITTEN UPDATE EXPLAINING:

1. Status of cleanup to date.
2. Reason(s) why a reimbursement request has not been submitted.
3. Costs incurred to date for corrective action.
4. Projected date for submitting a reimbursement request.

We constantly review the status of all active claims. If you do not submit a reimbursement request or a written update by the date above, or fail to proceed with due diligence with the cleanup, we will take steps to withdraw your Letter of Commitment.

If you have any questions regarding the Letter of Commitment or the Reimbursement Request package, please contact Blessy Torres at (916) 227-4535.

Sincerely,

Dave Deaner, Manager
 UST Cleanup Fund Program

Enclosures

cc: Mr. Steve Morse
 California Regional Water Quality
 Control Board, San Francisco Bay Region
 2101 Webster Street, Suite 500
 Oakland, CA 94612

Mr. Tom Peacock
 Alameda County EHD
 1131 Harbor Bay Pkway, 2nd Fl
 Alameda, CA 94502-6577

LETTER OF COMMITMENT FOR REIMBURSEMENT OF COSTS

CLAIM NO: 009184

AMENDMENT NO: 0

CLAIMANT: J. Williamson

BALANCE FORWARD: \$0

CO-PAYEE: None

JOINT CLAIMANT: None

THIS AMOUNT: \$56,000

NEW BALANCE: \$56,000

CLAIMANT ADDRESS: 1511 Wellington Street
Oakland, CA 94602

TAX ID/SSA NO: 546-58-3428

Subject to availability of funds, the State Water Resources Control Board (SWRCB) agrees to reimburse J. Williamson (Claimant) for eligible corrective action costs at 3635 13th Avenue, Oakland, CA 94610 (Site). The commitment reflected by this Letter is subject to all of the following terms and conditions:

1. Reimbursement shall not exceed \$56,000 unless this amount is subsequently modified in writing by an amended Letter of Commitment.
2. The obligation to pay any sum under this Letter of Commitment is contingent upon availability of funds. In the event that sufficient funds are not available for reasons beyond the reasonable control of the SWRCB, the SWRCB shall not be obligated to make any disbursements hereunder. If any disbursements otherwise due under this Letter of Commitment are deferred because of unavailability of funds, such disbursements will promptly be made when sufficient funds do become available. Nothing herein shall be construed to provide the Claimant with a right of priority for disbursement over any other claimant who has a similar Letter of Commitment.
3. All costs for which reimbursement is sought must be eligible for reimbursement and the Claimant must be the person entitled to reimbursement thereof.
4. Claimant must at all times be in compliance with all applicable state laws, rules and regulations and with all terms, conditions, and commitments contained in the Claimant's Application and any supporting documents or in any payment requests submitted by the Claimant.
5. No disbursement under this Letter of Commitment will be made except upon receipt of acceptable Standard Form Payment Requests duly executed by or on behalf of the Claimant. All Payment Requests must be executed by the Claimant or a duly authorized representative who has been approved by the Division of Clean Water Programs.
6. Any and all disbursements payable under this Letter of Commitment may be withheld if the Claimant is not in compliance with the provisions of Paragraph 5 above.
7. Neither this Letter of Commitment nor any right thereunder is assignable by the Claimant without the written consent of the SWRCB. In the event of any such assignment, the rights of the assignee shall be subject to all terms and conditions set forth in this Letter of Commitment and the SWRCB's consent.
8. This Letter of Commitment may be withdrawn at any time by the SWRCB if completion of corrective action is not performed with reasonable diligence.

IN WITNESS WHEREOF, this Letter of Commitment has been issued by the SWRCB this 14th day of March, 1995.

STATE WATER RESOURCES CONTROL BOARD

BY [Signature]
Manager, Underground Storage Tank Cleanup Fund Program

BY [Signature]
Chief, Division Administrative Services

STATE USE:
CALSTARS CODING:
0550-569.02 - 30530
\$ _____

AMERICAN STATES INSURANCE
A part of LINCOLN NATIONAL CORPORATION
SAN FRANCISCO DIVISION

400 TAYLOR BLVD.
P.O. BOX 4030
CONCORD, CALIFORNIA 94524
(510) 671-3500

JE
STID112
95 JUL 28 PM 1:23
ENVIRONMENTAL
PROTECTION

July 26, 1995

Edgar Howe III
Alameda Health Care Service Agency
State Water Resources Control Board
1131 Harbor Bay Pky
Alameda, CA 94502-6577

RE: Insured: Johns Mobil, John Williamson
Claim #: 491-0076-997
Property location: Johns Mobil, 3635 13th Avenue,
Oakland, CA 94610
Report date: 12-15-92
Substance: Waste Oil/Petroleum

Dear Mr. Howe:

John Williamson of Johns Mobil, has presented a claim to American States Insurance for reimbursement of the costs associated with the clean up of releases from underground storage tanks.

I would like a copy of his file. Please let me know what the charges are for the copy service and I will send you a check.

Very truly yours,

Barbara North
Barbara North
Senior Claims Representative

bn/kb

Tom - do
you want me
to do a file
search? Jen

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

October 28, 1994
STID 1121

John Williamson
1511 Wellington St.
Oakland CA 94602

RE: John's Mobil⁽¹⁵⁾
3635-13th Ave.
Oakland CA 94610

Dear Mr. Williamson,

The last letter I wrote you was dated 3/9/94, and it found acceptable the 12/9/93 "Soil Boring and Monitoring Well Installation Workplan," prepared by All Environmental Inc. (AEI).

On 8/9/94, this office received a complaint regarding the school children gaining access to the drums onsite. On that date, I spoke with Guy Roy of AEI, who indicated that the wells had been installed, but not developed or sampled. I confirmed this status with Guy Roy on 9/30/94.

It appears this project is being delayed. I tried to contact you by phone on 10/3/94 to discuss the situation. Please have the wells developed and sampled, as per the 12/9/93 AEI workplan, and my 3/9/94 letter, within 30 days, or by November 28, 1994. Please submit a report of well installation activities and sampling results within 60 days, or by December 28, 1994.

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports.

If you have any questions, please contact me at 510-567-6700, ext 6761. This is our new permanent phone number; our new fax number is 510-337-9335. Feel free to submit reports on double-sided paper in order to save precious trees.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Guy Roy, All Environmental, 2641 Crow Canyon Rd., Suite 5,
San Ramon CA 94583
Ed Howell/file

je 1121-A

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 9, 1994
STID 1121

John Williamson
1511 Wellington St.
Oakland CA 94602

RE: John's Mobil
3635-13th Ave.
Oakland CA 94610

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Dear Mr. Williamson,

We are in receipt of the "Soil Boring and Monitoring Well Installation Work Plan," prepared by All Environmental Inc., dated 12/9/93. As you know, this workplan consists of three monitoring wells to assess groundwater conditions. We are also in receipt of a revised site map faxed on 3/8/94. This workplan, along with the revised site map, is acceptable on the following conditions, as was discussed between myself and Guy Roy on 2/4/94:

- 1) the well screen will extend 5 feet above the encountered groundwater elevation
- 2) the well will be developed not less than 72 hours after installation, as per Section 2649 of 23 CCR
- 3) total lead may be deleted from the sampling matrix

Please note that with the exception of closure reports, routine reports and documents no longer need to be copied to the Regional Water Quality Control Board. Kindly submit a cover letter with your consultant's reports. Please notify me at least 2 business days in advance of field activities so that I may arrange to be onsite. If you have any questions, please contact me at 510-271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read "J Eberle".

Jennifer Eberle
Hazardous Materials Specialist

cc: All Environmental Inc., 2641 Crow Canyon Rd., Suite 5, San
Ramon CA 94583
Ed Howell/file

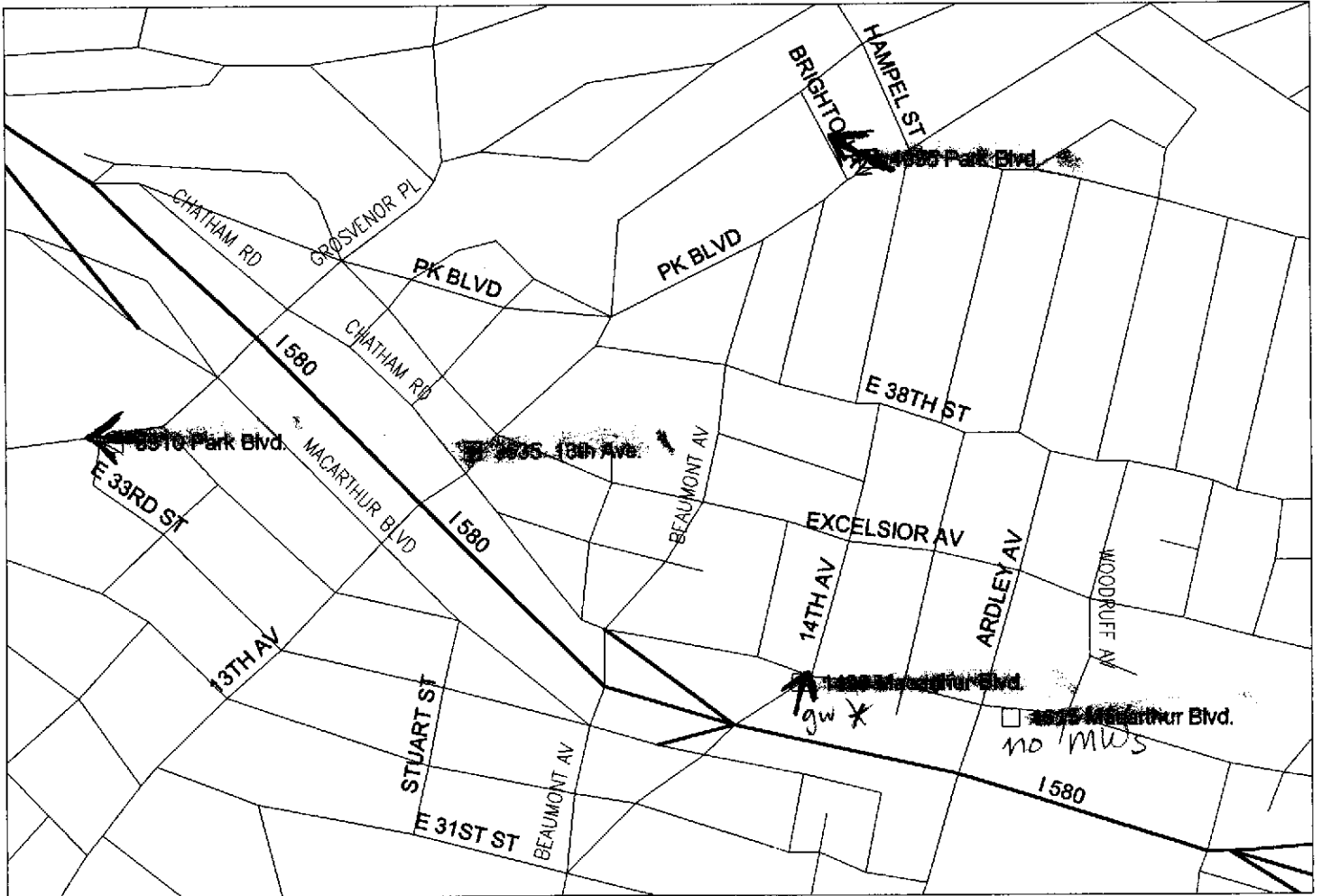
je

838-2687

11-10-93

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To	Craig Hertz	From	J. Eberle
Co.		Co.	
Dept.		Phone #	
Fax #		Fax #	



→ gw flow directions

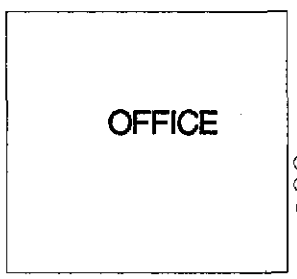
*MWS mounding may affect gradient

TP 3794
 Bonfave Market
 1615 MacArthur Blvd
 no MWS



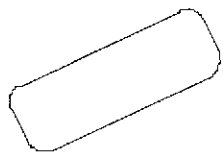
AUTO
REPAIR
SHOP

500 GALLON
WASTE-OIL
TANK



OFFICE

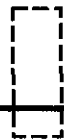
○ ○ ○ VENT
○ ○ ○ LINES



PUMP
ISLAND



1,000
GALLON
GASOLINE
TANK



500 GALLON
GASOLINE
TANK

EXCELSIOR



NOT TO SCALE

JL

13TH AVENUE

AQUA SCIENCE ENGINEERS

Site Plan
John's Mobil
3635 13th Avenue
Oakland, California

Figure 1

838-2687

ALL ENVIRONMENTAL, INC.

Environmental Engineering & Construction

March 8, 1994

Jennifer Eberle
Department of Environmental Health
80 Swan Way, Rm. 200
Oakland, CA 94621

RE: 3635 13th Avenue
Oakland, CA 94610
Site I.D. # 1121

ALCO
HAZMAT
9/4 MAR 10 PM 12:30

Dear Ms. Eberle:

Enclosed is a revised soil boring and well location map, for the Soil Boring and Monitoring Well Installation Work Plan dated December 9, 1993, as you requested. The map has been set to a scale of one inch to sixteen feet, and minor changes have been made to the configuration of the wells.

Please call me should you have any questions.

Sincerely,



Steve Penshorn
Project Engineer

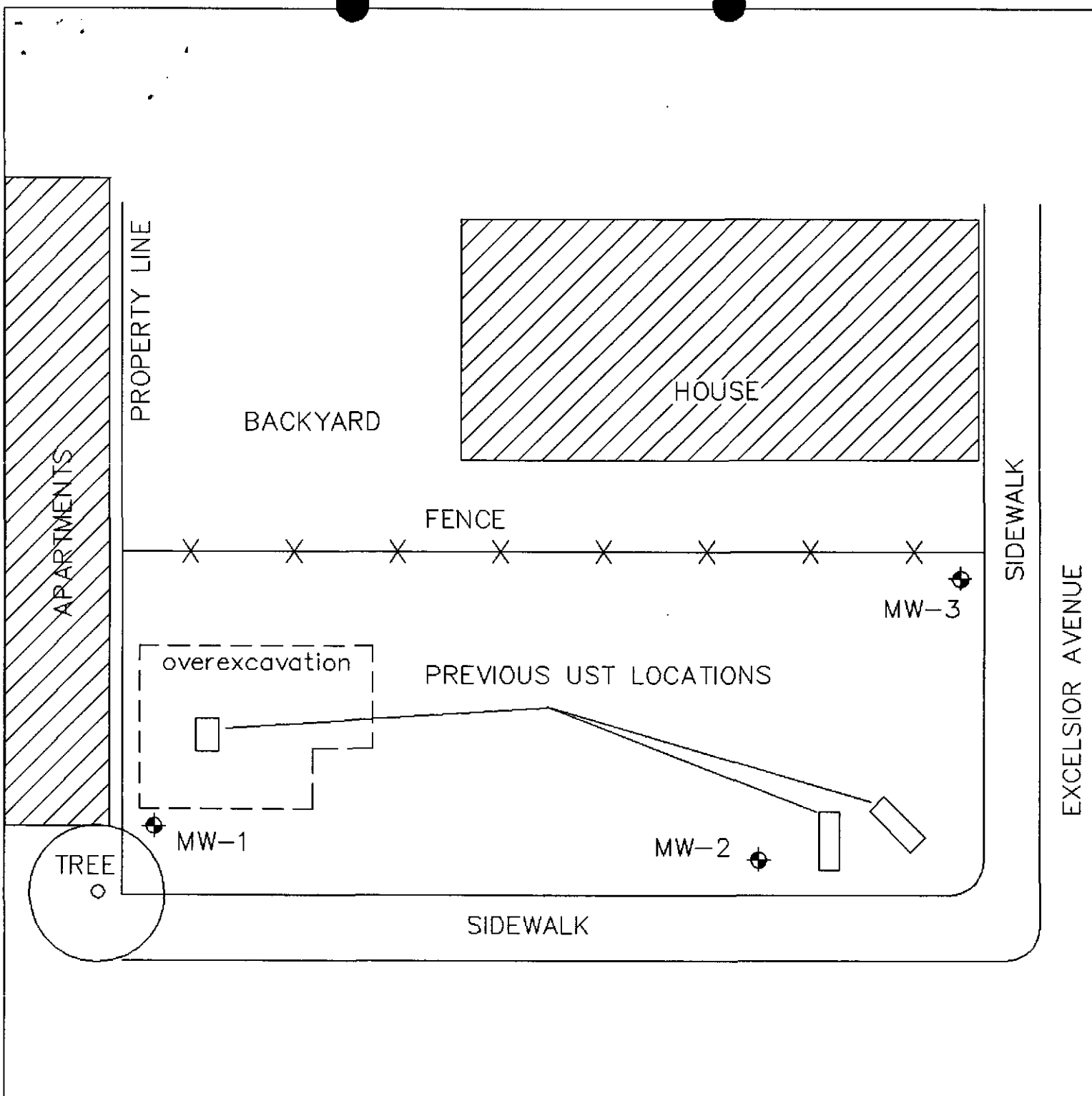
cc: John Williamson

Corporate Headquarters:

2641 Crow Canyon Rd., #5
San Ramon, CA 94583
(510) 820-3224

Los Angeles Office:

5031 Pacific Coast Hwy., #178
Torrance, CA 90505
(310) 328-8878



13TH AVENUE



ALL ENVIRONMENTAL, INC.		
2641 CROW CANYON RD, SAN RAMON		
SCALE: 1" = 16'	APPROVED BY:	DRAWN BY: S.P.
DATE: 3/8/94		REVISED: S.P.
BORING AND WELL LOCATION MAP		
3635 13TH. AVENUE		DRAWING NUMBER: FIGURE 3

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 John's Mobil Today's Date 9/21/93

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)

Site Address 3635-13th Av.
 City Oakland Zip 94610 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)

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(i)
- ___ 18. Exemption Request? (Y/N) _____
- ___ 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 teting | |
| 8) Annual Tank Testing | |
| Daily Inventory | |
| 9) Other _____ | |
| New Tanks | ___ 7. Precs Tank Test 2643 |
| | Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing . 2646 |
| ___ 10. Ground Water. 2647 | |
| ___ 11. Monitor Plan 2632 | |
| ___ 12. Access, Secure 2634 | |
| ___ 13. Plans Submit 2711 | |
| Date: _____ | |
| ___ 14. As Built 2635 | |
| Date: _____ | |

Comments:

There is a small amt of water on bottom of pit at 18' bgs. The east side of pit has again been over-excavated, particularly the ledge where the hydraulic hoist samples were taken, has been removed. One sidewall sample taken at ~12' bgs from east side. Sample has green streaks + slight HC odor. To be analyzed for TPH-AF, TPHg, BTEX, and TOC.

Rev 6/88

Contact: Gouvea
 Title: Proj Mgr.
 Signature: Gouvea

Inspector: Jennifer Eberle
 Signature: J Eberle

II, III

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

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

II, III

Site ID # _____ Site Name former John's Mobil Today's Date 1/14/93

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)

Site Address 3635-13th Av

City Oakland Zip 94610 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)

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 Groundwater Annual tank testing Cont pipe leak det Vadose/groundwater mon.
 - 5) Daily Inventory Annual tank testing Cont pipe leak det
 - 6) Weekly Tank Gauge Annual tank testing
 - 8) Annual Tank Testing Daily inventory
 - 9) Other _____

- ___ 7. Precs 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

3:05 Waste oil UST pit has been overexcavated to 18' bgs. A bottom sample was taken on 9-13-93. Approx. 200 yd³ of soil is stockpiled. Sidewalls sampled in pit: west side at ~13' bgs, south side at ~13' bgs, north side at ~13' bgs, + east side at ~13' bgs. Soil in pit is silty clay. Greenish soil from ~9' to 18'.
4:00 Two Hydraulic hoists were removed from east side of w.o. UST, inside the repair shop. Soil was excavated to ~10' bgs (see photo).
4:50 Soil samples collected directly below each hoist at ~10' bgs. (HLN and HLS). Stockpile sampled in 4-pt. composite samples. Four sidewall samples to be analyzed for TPH-g, BTEX, O+G, total lead + the bottom sample for all of these plus 8010 constituents. The 2 hoist samples to be analyzed for TPH-HF.
left site.

Contact: STEVE DeHoep

Title: _____

Signature: [Signature]

Inspector: Jennifer Eberle
Signature: [Signature]

II, III

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

June 22, 1993
STID 1121

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

John Williamson
1511 Wellington St.
Oakland CA 94602

RE: John's Mobil
3635-13th Ave.
Oakland CA 94610

Dear Mr. Williamson,

We are in receipt of the "Proposal - Additional On-Site Activities," prepared by Aqua Science Engineers (ASE), dated 4/19/93. This is actually the bid presented to you from ASE for additional on-site work. A consultant's bid is a summary of work which they will later specify in an actual proposal (aka workplan). This bid is not what we requested in our letter to you dated 3/11/93.

Therefore, we again request submittal of a workplan/proposal for a subsurface investigation, **within 30 days or by July 22, 1993.** This workplan/proposal should include a) a groundwater investigation, which should involve three groundwater monitoring wells in a triangulated fashion, and b) sampling for the hydraulic lifts.

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; and b) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, - Certified Engineering Geologist, or -Registered Civil Engineer.

However, if you wish to do the work in phases, beginning with overexcavation of the waste oil pit, a workplan will not be necessary for the first phase of work. Please contact me at least 3 business days in advance of field activities so that I may arrange to be onsite. I hope this clarifies any confusion regarding the workplan/proposal. Lastly, please fill out and submit an **Unauthorized Release Form** (attached) as soon as possible. If you have any questions, please contact me at 510-271-4530.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Jennifer Eberle'.

Jennifer Eberle
Hazardous Materials Specialist

cc: ~~Dave~~ Allen, Aqua Science Engineers, PO Box 535, San Ramon
CA 94583
Ed Howell/file je

ALAMEDA COUNTY
HEALTH CARE SERVICES AGENCY

Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

Dave Allen
Aqua Science Engineers
P.O. Box 535
San Ramon, CA 94583

2411 Old Crow Canyon Rd.
#4



LCF RECORD CHANGE REQUEST FORM

printed:
06/21/93

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

AGENCY # : 10000 SOURCE OF FUNDS: F
StID : 1121
SITE NAME: John's Mobil
ADDRESS : 3635 - 13th Ave.
CITY/ZIP : Oakland 94610

SUBSTANCE: 12035
DATE REPORTED : 12/15/92
DATE CONFIRMED: 01/20/93
MULTIPLE RPs : N

SITE STATUS

CASE TYPE: S CONTRACT STATUS: 4 EMERGENCY RESP:
RP SEARCH: S DATE COMPLETED: 03/08/93
PRELIMINARY ASMNT: DATE UNDERWAY: DATE COMPLETED:
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/08/93
LUFT FIELD MANUAL CONSID: 2SCA DATE CASE CLOSED:
CASE CLOSED: REMEDIAL ACTIONS TAKEN: ~~NT~~ ED
DATE EXCAVATION STARTED : 12/15/92

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: John Williamson
COMPANY NAME: John's Mobil
ADDRESS: 1511 Wellington St.
CITY/STATE: Oakland C A 94602

INSPECTOR VERIFICATION:					
NAME	SIGNATURE			DATE	
Name/Address Changes Only			DATA ENTRY INPUT:		
			Case Progress Changes		
ANNPMS	LOP	DATE	LOP	DATE	

RP runs smog ctrs; is not an env. consultant

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 11, 1993
STID 1121

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

John Williamson
1511 Wellington St.
Oakland CA 94602

RE: John's Mobil
3635-13th Ave.
Oakland CA 94610

Dear Mr. Williamson,

We are in receipt of the "Final Report, Underground Storage Tanks Removal," prepared by Aqua Science Engineers (ASE), dated 1/20/93. As you know, this report documents the removal of a 250-gallon waste oil tank, a 500-gallon gasoline tank, and a 1,000-gallon gasoline tank at the above referenced site on 12/15/92. The waste oil tank was reported as "being heavily pitted and had numerous holes" (page 2).

The waste oil tank is the primary concern at this site. Soils beneath the waste oil tank were contaminated by 8,200 ppm Oil & Grease, 290 ppm TPH-gas, .140 ppm benzene, 255 ppm lead, .150 ppm 1,1-DCE, and .028 ppm 1,1,2-TCA. Due to these significant levels of contamination, we recommend further excavation of affected soils in the waste oil tank pit. We also request a groundwater investigation to determine if groundwater has been impacted. Please submit a ~~proposal~~ for a subsurface investigation, including a groundwater investigation, **within 45 days or by April 26, 1993.**

In addition, I understand that there are ~~hydraulic lifts~~ located in the building with the former waste oil tank, as per a telephone conversation today between myself and Steve DeHope of ASE. I also understand that there are plans to remove the hydraulic lifts. Soil sampling will be required for the removal of these lifts. Please notify me at least two business days in advance of field work associated with the hydraulic lifts.

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State Water Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All reports and documents pertaining to this investigation should also be sent to:

May 4, 1993

Jennifer Eberle
Hazardous Materials Specialist
80 Swan Way
Room 200
Oakland, CA 94621

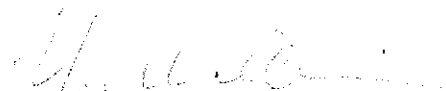
1121

Dear Ms. Eberle:

I have discussed the removal of the hazardous waste and soil at 3635 13th. Avenue, Oakland, California with Steve De Fope of Aqua Science Engineering. Aqua Science has presented me with a proposal which I am currently reviewing. I wish to request an extension of up to three weeks on any deadline for submitting a **work plan** so I may determine the best sequence in which I will approach the disposal of on site hazardous waste and testing of the ground water for incursion.

If you have any questions regarding this request, please contact me at work at (510) 769-0100 or at home in the evening at (510) 530-2993.

Thank you for your consideration,

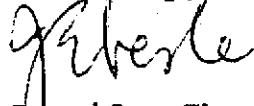

John Williamson

John Williamson
STID 1121
March 11, 1993
page 2 of 2


Rich Hiatt
San Francisco Bay Region
Regional Water Quality Control Board
2101 Webster St., Ste 500
Oakland CA 94612

If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Steve DeHope, Aqua Science Engineers, PO Box 535, San Ramon
CA 94583
Rich Hiatt, RWQCB
Ed Howell/file. 

je

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # 112L Site Name JOHN'S MOBIL Today's Date 12/15/92

- 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)

Site Address 3635 13th Ave
 City Oakland Zip 94612 Phone 610

- 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

- Inspection Categories:**
- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 - ___ II. Business Plans, Acute Hazardous Materials
 - III. Underground Tanks Removal

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

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

Comments:
 This is a removal of 3 underground tanks:
 (1) 250 gallon waste oil
 (1) 500 " gas
 (1) 1000 " gas

- Monitoring for Existing Tanks**
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose Semi-annual groundwater One time sols
 - 3) Daily Vadose One time sols Annual tank test
 - 4) Monthly Gndwater One time sols
 - 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

The waste oil tank was removed first from the garage. It had holes in it and there was water in the pit and obvious soil contamination. The tank was wrapped + removed by Erickson truck # 205701 under manifest # 92201713. There were no LEL or O2 readings taken on this tank, but were previously at 0% LEL + 1% O2 according to Steve DeHope. Robert Dawson of OFD approved the removal of this tank.

- ___ 7. Precs Tank Test 2643
 - Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing . 2646
- ___ 10. Ground Water. 2647

A hole was cut into the top of the 500 gallon gas tank by the backhoe so it could be removed from partially under the sidewalk. Otherwise there were no other holes in the tank, but there was obvious soil contamination and water in the pit. The LEL was 11% and O2 was 4%.

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

Rev 6/88

Contact: STEVE De Hope
 Title: Construction Supervisor
 Signature: [Signature]

Inspector: Ron Owcaz
 Signature: [Signature]

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # 1121 Site Name JOHN'S MOBIL Today's Date 12/15/92

Site Address 3635 13th Ave.
 City Oakland Zip 94602 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 Removal

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

Comments:

There were no holes in the 1000 gallon gas tank but there was some staining in the soil and water in the pit. The readings were 10% LEL and 1% O2.

The rinseate from the tanks was picked up by Waste Oil Recovery systems under manifest #91041632 yesterday (about 650 gallons). This also included about 5-55 gallon drums of waste oil on the premises.

Soil sample #T1S was taken from the southeast corner of the pit of the 1000 gallon tank (fill end) 6' below grade. Soil sample #T1N was taken from the opposite end at 7'.

Water level in this pit was at 6.5'. Water sample T1W taken. Soil sample #T2S was taken from the southwest corner of the pit of the 500 gallon tank (fill end) 7' below grade. Another sample T2N was taken from the opposite end also 7' below grade. Water level in this pit was at 8'. Water sample T2W was taken from this pit.

- 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. OnSite Conseq. Assess. 25524(c)
 - 15. Probable Risk Assessment 25534(d)
 - 16. Persons Responsible 25534(g)
 - 17. Certification 25534(i)
 - 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. Precs Tank Test 2643
 - Date: _____
- 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 2711
 - Date: _____
 - 14. As Built 2635
 - Date: _____

Rev 6/88

Contact: STEVE Detlope
 Title: Construction Supervisor
 Signature: [Signature]

Inspector: Ron Oweartz
 Signature: Ron Oweartz

DATE: 3-4-93
TO : Local Oversight Program
FROM: JE
SUBJ: Transfer of Eligible Local Oversight Case

LOP
Stid 1121

Site name: John's Mobil
Address: 3635-13th Av. City Oak zip 94610

TO BE ELLIGIBLE FOR LOP A CASE MUST MEET 3 QUALIFICATIONS:

1. Number of Tanks: 3 removed? Y N Date of removal 12-15-92
 2. Samples received? Y N Contamination level: 3200 ppm OTC
3400 ppm OTC
(ppm and type of test) 290 ppm gas
255 ppm lead
Contamination should be over 100 ppm TPH to qualify for LOP + VOCs
 3. Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents 12035 gas
- DepRef remaining \$ _____ Closed with Candace/Leslie? Y N
(If no explain why?)

IF YOUR SITE MEETS ALL OF THE ABOVE QUALIFICATIONS YOU SHOULD DO THE FOLLOWING TO TRANSFER THE SITE:

1. YOU MUST CLOSE THE DEPOSIT REFUND CASE AT THIS TIME. YOU MUST ACCOUNT FOR ALL TIME YOU HAVE SPENT ON THE CASE AND TURN IN THE 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 THE ADDITION OF MANAGEMENT AND CLERICAL TIME. DO NOT ATTEMPT TO CONTINUE TO OVERSEE THE SITE SIMPLY BECAUSE THERE ARE FUNDS REMAINING!
2. COMPLETE THE A AND B PERMIT APPLICATION FORMS AND GIVE TO CONNIE/ELAINE
3. GIVE THE ENTIRE CASE TO THE PROPER LOP STAFF UPSTAIRS FOR THEM TO DO THE REST OF THE TRANSFER AND YOU ARE DONE!

1-20-93 Final Report

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P Street, 4th Floor
P.O. Box 806
Sacramento, CA 95812-0806



2 Dec., 1992

STEVE DE HOPE

FAX 510-837-4853

STEVE,

AT YOUR REQUEST I SEARCHED OUR GENERATOR FILES FOR ANY EPA NUMBERS ISSUED TO 3635 15TH ST, OAKLAND. OUR RECORDS SHOW NO PERMANENT NUMBERS EXISTING AT THAT SITE. OUR POLICY IS TO ISSUE PROVISIONAL NUMBERS FOR CLEAN-UPS SUCH AS THIS WHEN A SITE DOES NOT HAVE A PERMANENT AND WILL NOT NEED A PERMANENT NUMBER. WE HAVE ISSUED THE FOLLOWING TEMPORARY WASTE GENERATOR NUMBER FOR THE SITE IN QUESTION: CAL000697744.

IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL ME AT 916-323-3254.





FAX BEING SENT BY:

AQUA SCIENCE ENGINEERS, INC.
2411 Old Crow Canyon Road, #4
San Ramon, CA 94583

PHONE (510) 820-9391
FAX (510) 837-4853

DATE: 11/23/92

TO: Bon Owcarz

FROM: Steve DeHopa

NUMBER OF PAGES TO FOLLOW: 3

----- PLEASE PHONE IF THE MESSAGE WAS RECEIVED INCOMPLETE -----

COMMENTS:

IF you need any other information
please call us (510) 820-9391

AQUA. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

10/30/92

PRODUCER

Cal-Ray Insurance Services
103 Town & Country Dr., Suite M
Danville, CA 94526
(510) 820-0901

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 LETTER **A** Commercial Indemnity Assurance
- COMPANY LETTER **B** West American Insurance
- COMPANY LETTER **C**
- COMPANY LETTER **D**
- COMPANY LETTER **E**

INSURED

Aqua Science Engineers, Inc.
2411 Old Crow Canyon Rd. #4
San Ramon, CA 94583

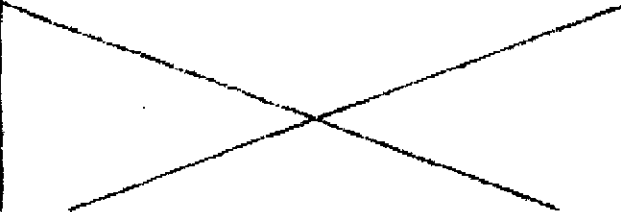
COVERAGES

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
A	GENERAL LIABILITY				
	X COMMERCIAL GENERAL LIABILITY	CGI 6926681C1	06/01/92	06/01/93	GENERAL AGGREGATE \$ 1,000,000
	CLAIMS MADE X OCCUR				PRODUCTS-COMPROP AGG. \$ 2,000,000
	OWNERS & CONTRACTORS PROT				PERSONAL & ADV INJURY \$ 1,000,000
					EACH OCCURRENCE \$ 1,000,000
					FIRE DAMAGE (Any one fire) \$ 50,000
					MED. EXPENSE (Any one person) \$ 5,000
					COMBINED SINGLE LIMIT \$
					BODILY INJURY (Per person) \$
					BODILY INJURY (Per accident) \$
				PROPERTY DAMAGE \$	
				EACH OCCURRENCE \$	
				AGGREGATE \$	
				STATUTORY LIMITS	
B	WORKER'S COMPENSATION				EACH ACCIDENT \$ 1,000,000
	AND	XWW 50 43 90 08	08/01/92	08/01/93	DISEASE-POLICY LIMIT \$ 1,000,000
	EMPLOYERS' LIABILITY				DISEASE-EACH EMPLOYEE \$ 1,000,000
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER



CANCELLATION

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

CONTRACTORS STATE LICENSE BOARD

No. 487000

Building Quality

ISSUED 02-13-86

This license 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. It becomes void if not renewed.

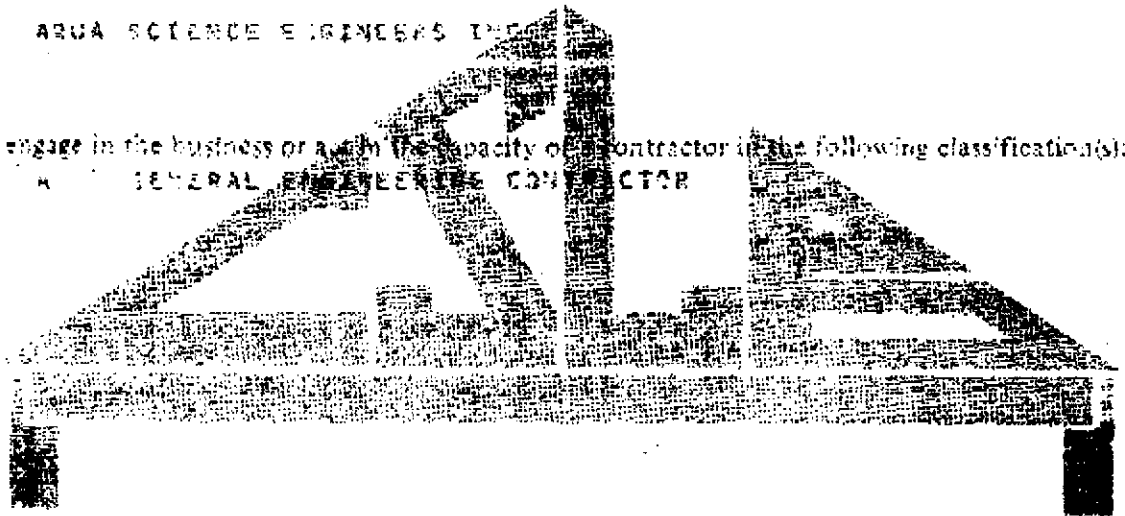
Contractor's License

Pursuant to the provisions of Chapter 9 of Division 3 of the Business and Professions Code and the Rules and Regulations of the Contractors State License Board, the Registrar of Contractors does hereby issue this license to:

AQUA SCIENCE ENGINEERS INC

to engage in the business of a contractor in the following classification(s):

GENERAL ENGINEERING CONTRACTOR



WITNESS my hand and sealed this 13TH day of FEBRUARY 1986.

State of California
Department of Consumer Affairs
CONTRACTORS STATE LICENSE BOARD



License Number

487000

CORP

AQUA SCIENCE ENGINEERS INC

A C67 HAZ

J. K. ...
Registrar of Contractors

See renewal card

02/29/92

Signature of Licensee

William F. ...

Signature of person who qualified on behalf of the licensee

STATE AND CONSUMER SERVICES AGENCY
DEPARTMENT OF CONSUMER AFFAIRS



CONTRACTORS STATE LICENSE BOARD



License Number

487000

Entity

CORP

Name/Company

AQUA SCIENCE ENGINEERS
INC

Classification

A C67 HAZ

Expiration Date

02/28/94



COMPLIANCE CERTIFICATION
29 CFR 1910.120
Hazardous Waste Operations and Emergency
Response Training

STEVE DeHOPE

Name

553-41-4943

Social Security Number

2/7/93

Expiration Date

1188R

Instructor

WATERWORKS, INC.

753 N 9th Street
Suite 131,
San Jose, CA
95112-3150
408/287-8588

STATE OF CALIFORNIA-- HEALTH AND WELFARE AGENCY

PETE WILSON, Governor

DEPARTMENT OF HEALTH SERVICES

2151 BERKELEY WAY

BERKELEY, CA 94704-1001
(510) 540-2800

January 27, 1992



Mr. David Duong
Geochem Labs
1764 Houret Court
Milpitas, CA 95035

Certificate No.: 1708

Dear Mr. Duong:

This is to advise you that the laboratory named above has been certified/registered as an environmental testing laboratory pursuant to the provisions of the California Environmental Laboratory Improvement Act of 1988 (Health and Safety Code, Division 1, Part 2, Chapter 7.5, commencing with Section 1010).

The fields of testing for which this laboratory has been certified/registered under this Act are indicated in the enclosed "List of Approved Fields of Testing Analytes." Certification/Registration shall remain in effect until January 31, 1994, unless revoked. This certificate is subject to an annual fee as prescribed by Section 1017(a), Health and Safety Code, on the anniversary date of the certificate.

Please note that your laboratory is required to notify the Environmental Laboratory Accreditation Program of any major changes in the laboratory such as the transfer of ownership, laboratory director, change in location, or structural alterations which may affect adversely the quality of analyses (Section 1014(b), California Health & Safety Code).

Until the new regulations pertaining to environmental laboratories are adopted the existing regulations pertaining to drinking water and hazardous waste testing laboratories (California Code of Regulations, Title 22, Sections 64481-64499 and 67602-67606) will remain in effect to the extent that they are not superseded by the provisions of the Act.

Your continued cooperation is essential to establish a reputation for the high quality of the data produced by environmental laboratories certified by the State of California.

If you have additional questions, please contact Mr. William Ray at (510) 540-2800.

Sincerely,

A handwritten signature in dark ink, appearing to read "WARRR" or similar, written over the typed name.

George C. Kulasingam, Ph.D., Manager
Environmental Laboratory
Accreditation Program

Enclosure

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your 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.

One copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any change or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 48 hours prior to the following required inspections:

- _____ Removal of Tank and Piping
- _____ Sampling
- _____ Final Inspection

Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

12/13/92 - See red-line note changes on pages 4 & 5 A02

UNDERGROUND TANK CLOSURE PLAN

* * * Complete according to attached instructions * * *

1. Business Name Johns Mobil
Business Owner John Williamson
 2. Site Address 3635 13th Street Av.
City Oakland Zip 94602 Phone 769-0100
 3. Mailing Address 1511 Wellington Street
City Oakland Zip 94602 Phone 769-0100
 4. Land Owner John Williamson
Address 1511 Wellington St City, State Oakland CA Zip 94602
 5. Generator name under which tank will be manifested John Williamson
- EPA I.D. No. under which tank will be manifested CAC000697744

6. Contractor Aqua Science Engineers, Inc.
Address 2411 Old Crow Canyon Rd. #4
City SAN Ramon CA. 94583 Phone (510) 820-9391
License Type* Gen Eng A-Haz sup. ID# 487000

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant Aqua Science Engineers
Address 2411 Old Crow Canyon Rd #4
City SAN Ramon CA Phone (510) 820-9391

8. Contact Person for Investigation
Name Steve DeHope Title Construction Supervisor
Phone (510) 820-9391

9. Number of tanks being closed under this plan 3
Length of piping being removed under this plan 40 FT
Total number of tanks at facility 3

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground tanks are hazardous waste and must be handled **
as hazardous waste

a) Product/Residual Sludge/Rinsate Transporter

Name Waste Oil Recovery Systems EPA I.D. No. CAD000626515
DONS 1843
Hauler License No. CA1 pud-106349 License Exp. Date 7-93
Address 6401 Leona Street
City Oakland State CA Zip 94605

b) Product/Residual Sludge/Rinsate Disposal Site

Name Demenno Kerdoon EPA I.D. No. CAT08001335a
Address 2000 N. Alameda
City Compton State CA Zip 90221

c) Tank and Piping Transporter

Name Erickson, Inc. EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date 5/92
Address 255 Parr Blvd
City Richmond State Ca Zip 94801

d) Tank and Piping Disposal Site

Name Erickson, Inc. EPA I.D. No. CAD009466392
Address 255 Parr Blvd
City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name STEVE DeHope
Company Aqua Science Engineers
Address 2411 Old Crow Canyon Rd # 4
City SAN RAMON State CA Zip 94583 Phone (510) 820 9391

12. Laboratory

Name priority Environmental Labs
Address 1764 Houder Ct.
City Milpitas State CA Zip 95035
State Certification No. 1708

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

If yes, describe. _____

14. Describe methods to be used for rendering tank inert

Tanks will be Inerted by Introducing Dry Ice
into the Tank at a Rate of at least 1.5 lbs per 100 gal.
of Tank Volume

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
(1) 500	Gasoline	Soil and/or groundwater if present	Two feet Below the Tank.
(1) 1000	Gasoline	"	"
(1) 500	Waste Oil	"	"

→ one at each end of tank
 AO

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated) 40 cubic yard	Sampling Plan Drive A 6" x 2" brass Tube into the soil below the tank. Seal ends with Aluminum Foil + plastic caps, tape. Chill in cooler. Transport to lab under chain of custody. Take 1 discrete sample for every 20 cubic yards minimum or 1 composite sample for every 50 cubic yards maximum.

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

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.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
TPH Gasoline	5030	GC-FID	1.0 ppm
BTEX	8020	8240	.005 ppm
TPH Diesel	3550	8015	1.0 ppm
TPH	3550	8015	—
Oil + Grease	5520	D+F	—
Lead, Cd, Cr, Zn, Ni	ICAP or AA		50 ppt
CLHC	8010		

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

18. Submit Worker's Compensation Certificate copy

Name of Insurer OTTO CASUALTY Group

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

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

I declare that to the best of my knowledge and belief 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 an approval from the Department of Environmental Health 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.

Signature of Contractor

Name (please type) _____

Signature [Handwritten Signature]

Date 11/19/92

Signature of Site Owner or Operator

Name (please type) John Williamson

Signature [Handwritten Signature]

Date November 20, 1992

AUTO
REPAIR
SHOP

500 GALLON
WASTE-OIL
TANK

OFFICE

○
○
○ VENT
LINES

PUMP
ISLAND

1,000
GALLON
GASOLINE
TANK

500 GALLON
GASOLINE TANK

N

NOT TO SCALE

EXCELSIOR

13TH AVENUE

AQUA SCIENCE ENGINEERS

Site Plan
John's Mobil
3635 13th Avenue
Oakland, California

Figure 1