



ALCO
HAZMAT

93 DEC 22 PM 2:02

STD 515

December 20, 1993

Susan L. Hugo
Senior Hazardous Materials Specialist
Alameda County-Dept of Environmental Health
80 Sway Way, Room 200
Oakland, Calif. 94621

Dear Ms. Hugo;

At your request, please find enclosed additional information regarding the work plan for my site at 3055- 35th Ave., Oakland.

Sincerely,

Lynn A. Worthington
Lynn A. Worthington

LAW:rg

1/12/94 called Lynn Worthington - left a message to return call.

Chris Malinari - talked to Malinari

3/15/94 - talked to Bernie Rose re proceeding w/ work plan, meeting at March 15, 1994, 10 AM Swayway.

CONSOLIDATED ENVIRONMENTAL SERVICES
Mazen Elmashni Civil Engineer

Tracy Bennett
Environmental Specialist

655 Skyway Suite 113 San Carlos, Ca 94070
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**ADDENDUM TO WORK PLAN
FOR
SUBSURFACE PETROLEUM HYDROCARBON CONTAMINATION
ASSESSMENT**

**PREPARED FOR
ALAMEDA COUNTY ENVIRONMENTAL HEALTH**

**PREPARED
BY
CONSOLIDATED ENVIRONMENTAL SERVICES**

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ADDENDUM TO WORK PLAN
FOR
SUBSURFACE PETROLEUM HYDROCARBON CONTAMINATION

September 24, 1993
STID # 515

Ms Susan L. Hugo
Department of Environmental Health
State Water Resources Control Board
Division of Clean Water Programs
80 Swan Way, Rm. 200
Oakland, Ca 94621

Re: Addendum to work plan for subsurface petroleum hydrocarbon contamination assessment at former Exxon service station 3055 35th Ave, Okland, Ca 94619

After reviewing the issues that needed clarification, we have listed the responses in order according to the requests from the addendum.

? * The methods of remediation with regards to the remaining contamination still on site have not been established due to the lack of definitive information currently available. The methods currently under consideration with the data collected are:
1) Vapor extraction with onsite vapor incineration.
2) Bioremediation methods.

* The soil sampling will commence at approximately five feet below surface grade and will continue at five foot increments to a depth directly above the ground water saturated zone. Samples will also be collected whenever a lithology change occurs while drilling and when the water table is encountered.

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? * The proposed monitoring wells will be located according to the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites" (Exhibit A included).

* Ground water elevation readings will be performed every month for six months. Data collected after six months will be evaluated if monthly and quarterly ground water elevation readings are necessary for establishing ground water flow direction at the site.

* Ground water monitoring wells will be sampled on a quarterly basis and analyzed for the following target compounds: TPH gasoline, TPH diesel, Benzene, Tolulene, Ethylbenzene, Xylene, Total oil and grease. After four quarters of non-detectable levels have been achieved, the frequency of sampling events will be evaluated and or a recommendation for signoff - case closure by RWQCB will be determined.

* Stockpiled soil will be characterized and disposed of properly. Consolidated will supply (ACHCS) with copies of stockpiled soil disposal.

* To the best of our knowledge there were two 4000 Gal tanks and two 6000 GAL. tanks removed from the tank pit at 3005 35th Ave. as per manifests.

* All piping associated with the former tanks will be removed and properly disposed.

* Enclosed are copies of the Chain of Custody signed by the receiving laboratory dated 11/6/91.

* The Boring Logs submitted for B-9 was dated 5/11/91 incorrectly, the twelve soil boring at the site were conducted on November 5, 1991. There was no soil boring B-9 conducted on 5/11/91. Apparently the date was inverted from 11/5/91 to 5/11/91.

* A time schedule for all phases of the investigation and remediation activities and anticipated time when clean up will be completed is near impossible at this time due to the lack of definitive data at this time.

Thank you for your cooperation.


Tracy Bennett

DETAILED REVIEW CHECKLIST

CLAIM NO.: 1275	REGION: 02	COUNTY: Alameda	CODE: 01
PRIORITY ASSIGNED: B	LEAD AGENCY AND CONTACT PERSON: Alameda County Dept of Env. Health Paul Smith		
CURRENT RANK: 159	PHONE NO.: (510) 271-4320		
DATE REVIEWED: 1-22-93	REVIEWER: Blessy		

SITE NAME: Former Service Station

SITE ADDRESS: 3055 - 35th Ave., Oakland, CA 94619

CLAIMANT INFORMATION	ACC.	REJ.	HOW INFORMATION WAS VERIFIED	
I. Claimant Identification				
1. Claimant is/was the owner and/or operator of the leaking UST?	✓			
2. Have all applicable past and current UST owners/operators been identified?	✓			
3. All required tax ID numbers provided?	✓		taxes	
4. Date site/tanks acquired verified?	✓			
II. Statement of Costs				
1. Valid third party claim?	n/a			
2. Claimed corrective action costs exceed \$10,000?	✓			
III. Joint Claimant				
1. Joint Claimant is an owner and/or operator?	n/a			
2. Tax ID number provided?	n/a			
3. Joint Claimant's priority class verified?	n/a			
IV. Co-Payee				
1. Tax ID No. provided?	n/a			
2. Mailing address/phone no. provided?	n/a			
V. Contamination Site/Occurrence Description*				
1. Description of tank and use verified?	✓			
2. Registered farm tank?	n/a	(Yes) No	not farm tanks	
3. Leaking tank contained eligible substance?	✓			
4. Is there any evidence that the UAR was the result of a spill, overfill or gross negligence?				
5. If claimant submitted more than one claim for the site, each claim is for a separate occurrence?	n/a			
6. Site map provided?	✓			
VII. Priority Class Worksheet				
1. Claimant's priority verified?				
2. Claimant was both the owner and operator at time of leak discovery?	Yes	(No)	owner only - did not operate tank	
3. Claimant is the current owner and operator?	Yes	(No/NA)	all tanks removed	
4. If either question = No, other party(s) priority class was verified?	✓		Previous owner permitted + appear to be partners	
VIII. Priority Class Designation				
A. Priority Class A				
Residential Motor Fuel Tanks				
1. UST located at the residence of a person and property zoned residential use only at time of leak discovery?			X	
2. UST located at property improved by an owner-occupied single family dwelling or duplex at time of leak discovery?				
3. UST was not used for agricultural purposes or for resale on or after 1/1/85?				
OR				
Residential Small Home Heating Oil Tanks				
4. UST located at the residence of a person at time of leak discovery?				
5. UST located at property improved by an owner-occupied single family dwelling or duplex at time of leak discovery?				
6. UST has a capacity of 1,100 gallons or less?				
7. UST is used only to store home heating oil for consumptive use on property?				
8. UST was not located on agricultural property on or after 1/1/85?				

