

93 DEC 22 PM 2: 02

SIRSK

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.

194 Julked to Bernie Koze' the proceeding of work plan, meeting Jalked to Bernie Koze' the proceeding of work plan, meeting St Orack 15,1994, 10 Am Swinning.

655 Skyway Suite 113 San Carlos, Ca 94070 Phone: (415) 593-4070 Fax: (415) 593-5104

## ADDENDUM TO WORK PLAN FOR SUBSURFACE PETROLEUM HYDROCARBON CONTAMINATION ASSESSMENT

PREPARED FOR ALAMEDA COUNTY ENVIRONMENTAL HEALTH

PREPARED
BY
CONSOLIDATED ENVIRONMENTAL SERVICES

655 Skyway Suite 113 San Carlos, Ca 94070 Phone: (415) 593-4070 Fax: (415) 593-5104

## 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.

## ONSOLIDATED ENVIRONMENTAL SERVICES Mazen Elmashni Civil Engineer

655 Skyway Suite 113 San Carlos, Ca 94070 Phone: (415) 593-4070 Fax: (415) 593-5104

- \* 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.: /275   REGION: 0.8		COUN	Y: Alameda   CODE: 0/
PRIORITY ASSIGNED: B LEAD AGENCY 10.	neda	Tour	nty Dept of Env. Health
CURRENT RANK: 159 AND	~~~	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. u.
DATE REVIEWED: 1-28-93 CONTACT PERSON:	Pau	u dn	NAU -
REVIEWER: BISSY PHONE NO.: (510	27	1-432	<i>0</i>
SITE NAME: Former Service Station			
SITE ADDRESS: 3055 - 35th AVE . , O			
CLAIMANT INFORMATION	ACC.	REJ.	HOW INFORMATION WAS VERIFIED
1. Claimant Identification	_		
Claimant is/was the owner and/or operator     About adding UST2	<b>V</b>		
of the leaking UST?  2. Have all applicable past and current UST			
owners/operators been identified?	V		
3. All required tax ID numbers provided?	V		tales
4. Date site/tanks acquired verified?	~		
II. Statement of Costs	de	1	
1. Valid third party claim?	nla		
2. Claimed corrective action costs	دمين	!	
exceed \$10,000?		<del> </del>	
III; Joint Claimant  1. Joint Claimant is an owner and/or operator?	nla		
2. Tax ID number provided?	N IA	<del> </del>	
3. Joint Claimant's priority class verified?	nla	t	
IV: Co-Payee		1	
1. Tax ID No. provided?	nja		
2. Mailing address/phone no. provided?	11/0		
V. Contamination Site/Occurrence Description*			
Description of tank and use verified?		h1_	wat farm tanks
2. Registered farm tank? 7 A 3. Leaking tank contained eligible substance?	Yes	NO	not carm tanks
4. Is there any evidence that the UAR was the	-	<del> </del>	
result of a spill, overfill or gross			•
negligence?			
5. If claimant submitted more than one claim	_		
for the site, each claim is for a	na		
separate occurrence?		ļ <u> </u>	
6. Site map provided? VII. Priority Class Worksheet	~		
1. Claimant's priority verified?	ł		
2. Claimant was both the owner and operator			dunar and did at morate tank
at time of leak discovery?	Yes	M-	owner only-did not operate tank
3. Claimant is the current owner and operator?	Yes	No(NA)	all fanks removed
4. If either question = No, other party(s)			Previous owner permitted + appear to be partners
priority class was verified?	V	<u> </u>	PREVIOUS WITCH PETRIFICA & APPEAR TO BE PAY VIXIS
VIII. Priority Class Designation	1		
A. Priority Class A Residential Motor Fuel Tanks		4	
1. UST located at the residence of a person	1		
and property zoned residential use			
only at time of leak discovery?	ł		
2. UST located at property improved by an			
owner - occupied single family	1		
dwelling or duplex at time of leak		1	
discovery? 3. UST was not used for agricultural purposes	<del> </del>	<del> </del>	
or for resale on or after 1/1/85?			
OR		<u> </u>	X
Residential Small Home Heating Oil Tanks			· /\
4. UST located at the residence of a person		-	/ \
at time of leak discovery?		<u> </u>	
5. UST located at property improved by an owner – occupied single family			\ \ \\
dwelling or duplex at time of leak	1		
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?	<del> </del>	ļ	
8. UST was not located on agricultural property			
on or after 1/1/85?	4	1	V

LOCAL AGENCY NO.\_\_\_\_\_

CLAIMANT INFORMATION	ACC RE	J. HOW INFORMATION WAS VERIFIED
B. Priority Class B		
Financial Review Team has determined		1
that the claimant qualifies for Priority Class B.		
C. Priority Class C		
Financial Review Team has determined	1/0	
that the claimant qualifies for Priority Class C.	'IJa	
IX. Eligibility Requirements*		Cap stange letter com Alameda Countre
UAR reporting requirements satisfied and		See sissist total and the state of
date release discovered verified?	V	not in Jan192 Kis. Kept.
2. If property acquired after 1/1/84, claimant		see 3/30/91 letter from Alameda County not in Jan/92 Rls. Rept Environmental impact (survey) conducted
exercised due diligence or	<b>√</b>   .	Still to the section of the section
previous owner was eligible?		prior to purchase.
3. Claimant either had or applied for a permit		Previous owners had permit
by 1/1/90, or was able to	$\checkmark$	Previous owners that pertinc
substantiate why not obtained?	Y	
4. UST is not grossly out of compliance with	/	see 5/30/41 letter from Alameda County
permit requirements?	•	The Stockt belief. Thous Wildingen commit
5. Claimant was required to initiate	<b>V</b>	
corrective action?	V	
6. If claimant discovered UAR prior to 1/1/88	اما	
required corrective action was	na	discovered 1/17/91
initiated on or before 6/30/88?	' '	Ch-coreten in that
7. Corrective action is in compliance with		ALL BAGE A OF AUTOVIOT
regulatory requirements?		SEE PAGE 3 OF CHECKLIST
8. Claimant is in compliance with financial		1.
responsibility requirements?		
X=XII. Certifications/Agreements/Statements/Verification		
Claim contains original signatures of all	V	
claimants and joint claimants?		
Required documentation was submitted for		
authorized representative?	<u> </u>	
	<del></del>	
· · · · · · · · · · · · · · · · · · ·		
	<u> </u>	
•		
	<del></del>	

<sup>\*</sup> Compliance with requirements for items listed in Section V. (Contamination Site/Occurrence Description) and Section IX. (Eligibility Requirements) may require lead agency confirmation. Any items that cannot be verified through the applicant and which will require lead agency review and confirmation, should be highlighted for further review. In all cases lead agency confirmation of corrective action compliance will be required.

		17	74
CLAIM	NO.	12	

14. F

site address 3055-35th ave, Oakland, 9469

CORRECTIV	E-ACTION COMPLIANCE DOCUMENTATION	PAGE 3
DATE	ACTION REQUIRED/RESPONSE	1
19.91	Colidated Technologies up do prelim subsur	Lace site invest
9/18/91		ie up approval
11/2/19	I adandum to any	* 00 p 0 9 p 10 0 0 0 0 0
13/10/92	Mameda requests closure not by 3/33/	92
5/19/2	Maneda notes that was was not dated.	its cover ltr
	was dated 3/20/41 & not 3/20/92, & that	the not was
	not submitted under seal of a cert alotoxis	+ lengunear -
	request new proposed subsentace invest by	Dy 6/15/92
2/11/0	thanedas 200 rapiest for prelim due aug 15,	
7/3/196		
9102	Consoldated Took wo submitted	<del></del>
29193		um to ma
	due March 1093	<u> </u>
' 		
<u> </u>		
CONFIDENTIO	N OF CORRECTIVE ACTION COMPLIANCE:  After reviewing the lead agency site file, the claim revi	
CONFIRMATIO	N OF CORRECTIVE ACTION COMPLIANCE:  After reviewing the lead agency site file, the claim reviewing the lead agency site file is the claim review site file is the cl	rective action requirements.
	Ilma Cerura	2 23 23
LEAD AGENCY	CONCURRENCE: As of this date, the lead agency representative concurs with the determination that	DATE SIGNED
:	the claimant is in compliance with applicable corrective action requirements.	
	DITAL .	2/24/93
	SIGNATURE/) /	DATE SIGNED
STAFF RECOM REVIEWER'S S		DATE SIGNED
Revised 10/92	V V	DATE SIGNED