


**Woodward-Clyde Federal Services**

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**FAX TRANSMITTAL**

Wednesday, May 07, 1997

To: Ms. Eva Chu  
Firm: Alameda County Health Agency  
Fax: 510-337-9335  
From: Joe Morgan III 

RE: Parks Reserve Forces Training Area UST excavation Analytical Data  
Building 109 Waste Manifest request

TOTAL NUMBER OF PAGES INCLUDING THIS COVER SHEET: 3

MESSAGE: Pursuant to our conversation of May 7, 1997 please find attached two tables showing the results of our testing at the heating oil diesel tanks, back-up generator gasoline fuel tank, and the former service station Building 888. We will be submitting closure reports for the following.

Home Heating diesel tanks, Buildings 1105, 1108, 1137, 1138  
Back-up generator gasoline fuel tank at Building 514

We will be submitting work plans for further investigations for the following.

Building 200, Police Station, leaking heating oil diesel UST  
Building 888, former service station leaking gasoline and diesel USTs

I have requested a copy of the Building 109 diesel waste manifest from PRFTA.

cc. Mr. Marshall Marik, PRFTA, 803-5639  
Mr. Allin Stephens, HAZWRAP 423-435-3700  
Mr. Rich Beyak, WCFS, Omaha

Should you have any questions/problems with this transmittal, please contact: Joe Morgan at 510-874-3201 or Dreama Howard at 510-874-3121 OUR FAX NUMBER IS 510-874-3268.  
Consulting Engineers, Geologists, and Environmental Scientists - Offices in Other Principal Cities

**SUMMARY TABLE FOR CLOSURE**  
**SUMMARY OF SOIL AND GROUNDWATER RESULTS**  
**Camp Parks Reserve Forces Training Area, Dublin, California**

Sampling Location	Sample Description	Sample Date	Media	Analytical Method	Analyte (mg/kg for soil and mg/L for groundwater)								
					Lead	TPH (diesel)	TPH (hydraulic fluid)	TPH (gas)	MIBE	Benzene	Toluene	Ethylbenzene	Total Xylenes
Building 514 B514-B1 B514-C1	Bottom of excavation, 3-5 ft bgs	3/26/97	Soil	EPA 8015M/8020/6010	49	ND	--	ND	--	ND	ND	ND	ND
	Composite sample of excavated soil	3/26/97	Soil	EPA 8015M/8020/6010	22	ND	--	ND	--	ND	ND	ND	ND
Building 1105 B1105-B1 B1105-C1	Bottom of excavation, 5-7 ft bgs	3/25/97	Soil	EPA 8015M	--	ND	--	--	--	--	--	--	--
	Composite sample of excavated soil	3/25/97	Soil	EPA 8015M/8020	--	1100J	--	--	R	R	R	0.05J	0.46J
Building 1108 B1108-B1	Bottom of fill end of tank to close in place, 3-5 ft bgs	3/25/97	Soil	EPA 8015M/8020	--	660	--	ND	ND	ND	0.03	0.09	0.47
Building 1137 B1137-B1 B1137-C1 B1137-C2	Bottom of excavation, 7-9 ft bgs	3/25/97	Soil	EPA 8015M	--	ND	--	--	--	--	--	--	--
	Composite sample of top 4 ft of excavated soil	3/25/97	Soil	EPA 8015M	--	ND	--	--	--	--	--	--	--
	Composite sample of stained soil, excavated below 4 ft bgs	3/25/97	Soil	EPA 8015M/8020	--	390	--	--	ND	ND	ND	ND	0.16
Building 1139 B1139-B1 B1139-C1	Bottom of excavation, 3-5 ft bgs	3/25/97	Soil	EPA 8015M	--	260J	--	--	--	--	--	--	--
	Composite sample of excavated soil	3/25/97	Soil	EPA 8015M	--	100J	--	--	--	--	--	--	--

General Notes  
 "--" = Not analyzed  
 ND = Not detected  
 R = Rejected  
 J = Estimated

**SUMMARY TABLE FOR SITES UNDERGOING INVESTIGATION**

**SUMMARY OF SOIL AND GROUNDWATER RESULTS  
Camp Parks Reserve Forces Training Area, Dublin, California**

Sampling Location	Sample Description	Sample Date	Media	Analytical Method	Analyte (mg/kg for soil and mg/L for groundwater)									
					Lead	TPH (diesel)	TPH (hydraulic fluid)	TPH (gas)	MDE	Benzene	Toluene	Ethylbenzene	Total Xylenes	
<b>Building 200</b>														
B200-P1	Under piping, 2-3 ft bgs	35517	Soil	EPA 8015M/8020	--	ND	--	--	ND	ND	ND	ND	ND	ND
B200-O1CC	In road base on E side of Bldg, 1-2 ft bgs	35517	Soil	EPA 8015M/8020	--	ND	--	--	ND	ND	ND	ND	ND	ND
B200-O4CC	In road base on NW corner of Bldg, 1-2 ft bgs	35517	Soil	EPA 8015M/8020	--	270	--	--	ND	ND	ND	0.06	0.36	
B200-B1	Bottom of excavation, 7-9 ft bgs	35517	Soil	EPA 8015M/8020	--	4100	--	--	ND	ND	ND	0.23	0.96	
B200-C1	Composite sample of excavated soil	35517	Soil	EPA 8015M/8020	--	670	--	--	ND	ND	ND	ND	0.06	
<b>Building 888</b>														
B888-1GW	Groundwater sample collected from excavation 24hrs after detection	35521	Water	EPA 8015M/8020/6010	ND	0.84	--	82	--	ND	0.58	1.7	10.1	
B888-1S-11SW	S sidewall sample at 11 ft bgs	35521	Soil	EPA 8015M/8020/6010	13	ND	--	ND	--	0.0018	0.0037	ND	ND	
B888-2S-19SW	S sidewall sample at 19 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	ND	--	16	--	ND	0.042	0.12	1.02	
B888-1C-GD	Composite sample of excavated soil (gas & diesel excavation)	35521	Soil	EPA 8015M/8020/6010	11	7.3	--	130	--	ND	0.089	0.22	4.6	
B888-2C-HF	Composite sample of excavated soil (hydraulic lift excavations)	35521	Soil	EPA 8015M	--	--	5100	--	--	--	--	--	--	
B888-3S-GT8	Gas trench bottom sample, N side, 8-9 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	ND	--	ND	--	ND	0.0035	ND	ND	
B888-4S-GT8	Gas trench bottom sample, S side, 8-9 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	ND	--	56	--	ND	0.0055	0.021	0.042	
B888-5S-DT4	Diesel trench bottom sample, 4-5 ft bgs	35521	Soil	EPA 8015M/8020/6010	14	960	--	160	--	0.0052	0.004	0.35	0.033	

General Notes  
 "--" = Not analyzed  
 ND = Not detected