DAMES & MOORE A PROFESSIONAL LIMITED PARTNERSHIP
221 MAIN STREET, SUITE 600, SAN FRANCISCO, CALIFORNIA 94105-1917 (415) 896-5858

February 23, 1988
Job No. 12606-016-038

Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
470 - 27th Street, Room 322
Oakland, California 94612

Attention: Mr. Storm Goranson

Gentlemen:

As required per the Alameda County Health Care Services Agency, Underground Tank Closure Plan, we are submitting the following copies pertaining to the tank removal at 1911 Telegraph Avenue, Oakland, California:

✓ (a) Chain of Custody Sheets;

? (b) Signed Laboratory Reports;

(c) Generator copies of the Uniform Hazardous Waste Manifest for all wastes leaving the site; and

stockpiled soil?
well boring - tailings?
surge water?

? (d) Attachment A summarizing the laboratory results.

JC/1707a

The work was begun on January 25, 1988. The four storage tanks were removed from the site under both Oakland Fire Department and Alameda County Health Care Services Agency, Hazardous Materials Division supervision of January 29, 1988. Laboratory analysis of the collected soil samples showed contamination of the fill material along the southern ends of the gasoline storage tanks. This material was removed from the excavation. The second set of laboratory analysis defines the limits of the contamination. The removed soils are currently awaiting authority to transport to final disposal.

If you should have any questions about this project, please feel free to contact me.

Very truly yours,

DAMES & MOORE,

Jim Curtis
Construction Manager

JC:ed
Attachments

JC/1707a

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)
Tank A 3000 gallons		12 ft below surface South end of tank under fill pipe	
	TPHC as Gasoline		2.5 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	Lead		1.5 mg/kg
		North end of tank	
	TPHC as Gasoline		2.6 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	Lead		1.3 mg/kg
Tank B 5000 gallons 1st set of samples		12 ft below surface South end of tank under fill pipe	
	TPHC as Gasoline		1400 ppm
	Benzene		230 ppm
	Toluene		140 ppm
	Xylene		80 ppm
	Lead		5.5 mg/kg
		North end of tank	
	TPHC as Gasoline		13 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	Lead		1.9 mg/kg

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

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SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)
Tank B 5000 gallons 2nd set of samples		16 ft below surface South end of tank under fill pipe	
	TPHC as Gasoline		<1.0 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	Lead		1.7 mg/kg
	Flash Point		>110°C
		North end of tank	
	TPHC as Gasoline		1.2 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	Lead		1.6 mg/kg
	Flash Point		>110°C
Tank C 7000 gallons 1st set of samples		12 ft below surface South end of tank under fill pipe	
	TPHC as Gasoline		140 ppm
	Benzene		3.4 ppm
	Toluene		2.7 ppm
	Xylene		18 ppm
	Lead		8.8 mg/kg
		North end of tank	
	TPHC as Gasoline		66 ppm
	Benzene		7.7 ppm
	Toluene		9.9 ppm
	Xylene		11 ppm
	Lead		5.5 mg/kg

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SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)
Tank C 7000 gallons 2nd set of samples		16 ft below surface North end of tank under fill pipe	
	TPHC as Gasoline		30 ppm
	Benzene		0.51 ppm
	Toluene		0.90 ppm
	Xylene		1.7 ppm
	Lead		3.0 mg/kg
	Flash Point		>110°C
		South end of tank	
	TPHC as Gasoline		<1 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	Lead		1.9 mg/kg
	Flash Point		>110°C
Tank D waste oil 500 gallons		7 ft below surface South end of tank	
	TPHC as Gasoline		5.8 ppm
	Diesel		110 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	PCB's		<10 ppb
		North end of tank under fill pipe	
	TPHC as Gasoline		2.6 ppm
	Diesel		7.1 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	PCB's		<10 ppb

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Tank or Area	Contaminant	Location & Depth	Results (specify units)
Joint in product line from gas tanks to service island		6 ft below surface East wall of excavation	
	TPHC as Gasoline		1.6 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
South sidewall of excavation in region of fill pipes - area of dark grey soil 1st samples		8 ft below surface	
	TPHC as Gasoline		80 ppm
	Benzene		1.4 ppm
	Toluene		5.4 ppm
	Xylene		18 ppm
	Lead		5.9 mg/kg
South wall of excavation in region of fill pipes - area of dark grey soil 2nd samples		8 ft below surface	
	TPHC as Gasoline		<1.0 ppm
	Diesel		<0.1 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<1.0 ppm
	Lead		1.9 mg/kg
	Flash point		>110°C

JC/1703a

UNDERGROUND TANK CLOSURE/MODIFICATION PLANS

ATTACHMENT A

SAMPLING RESULTS

Tank or Area	Contaminant	Location & Depth	Results (specify units)
Sump inside Garage		12 ft below concrete slab	
	TPHC as Gasoline		4.9 ppm
	Diesel		110 ppm
	Benzene		0.53 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
Joint in pipe leading to waste oil tank		2 ft below surface	
	TPHC as Gasoline		<1.0 ppm
	Diesel		21 ppm
	Benzene		<0.1 ppm
	Toluene		<0.1 ppm
	Xylene		<0.1 ppm
	PCB's		<10 ppb

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