

Jerriann 268-0461

Soluble lead between
2-3 ppm

wants to bring soil
to Emeryville

3/4 acre asphalt

Spoke w/ J. Alexander 11/13/90

LETTER OF TRANSMITTAL

TO: Mr. Paul Smith
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room #200
Oakland, CA 94621

DATE: November 1, 1990
PROJECT: 2250 Telegraph Avenue
SCI JOB NUMBER: 609.002

WE ARE SENDING YOU:

- | | |
|---|---|
| <input type="checkbox"/> _____ copies | <input type="checkbox"/> if you have any questions, please call |
| <input type="checkbox"/> of our final report | <input type="checkbox"/> for your review and comment |
| <input type="checkbox"/> a draft of our report | <input type="checkbox"/> please return an executed copy |
| <input type="checkbox"/> a Service Agreement | <input type="checkbox"/> for geotechnical services |
| <input type="checkbox"/> a proposed scope of services | <input type="checkbox"/> with our comments |
| <input type="checkbox"/> specifications | <input type="checkbox"/> with Chain of Custody documents |
| <input type="checkbox"/> grading/foundation plans | <input checked="" type="checkbox"/> for your use |
| <input type="checkbox"/> soil samples/groundwater samples | <input type="checkbox"/> _____ |
| <input type="checkbox"/> an executed contract | <input type="checkbox"/> _____ |
| <input checked="" type="checkbox"/> <u>Site Plan and Analytical Results</u> | |

REMARKS: Excavation activities have been completed for the gasoline tanks. Dispensers and piping have been removed. Soil is being aerated on site and will be disposed of at Redwood Landfill pending acceptable analytical results. We will keep you informed of our progress. Please call is you have any questions.

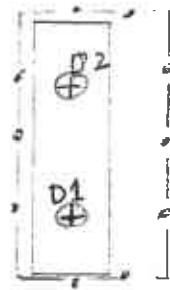
COPIES TO:

BY: Jerriann Alexander
Jerriann N. Alexander

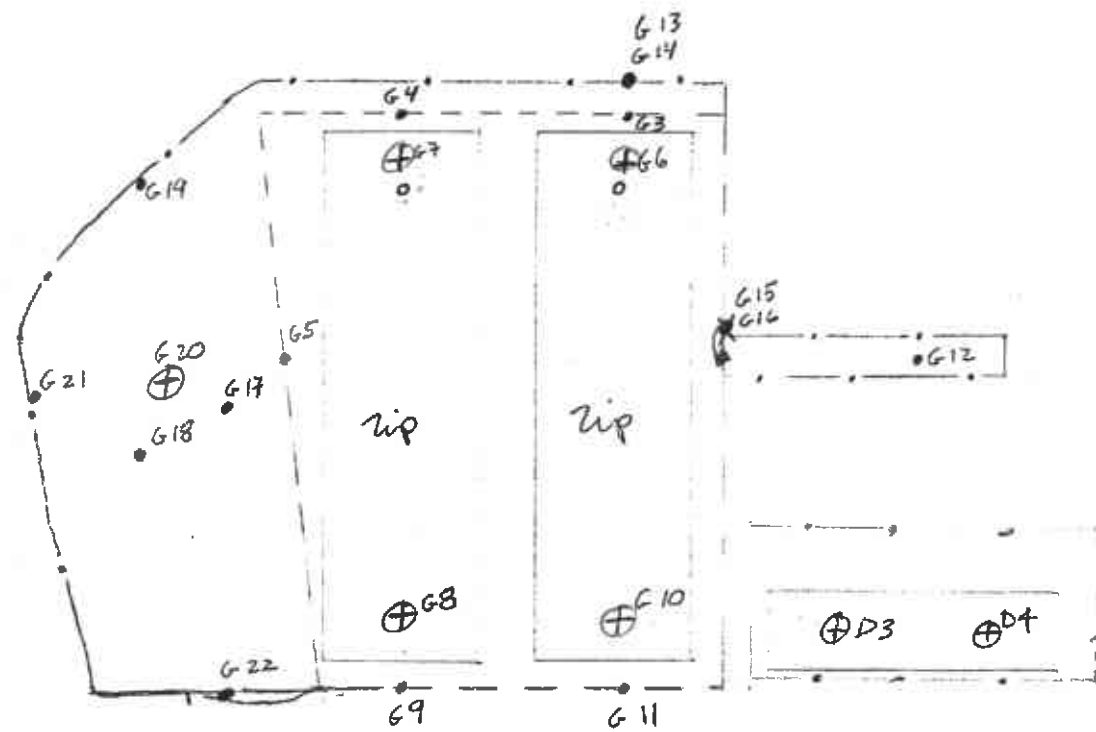
90 NOV -2 AM 11:40

Telegraph Ave

Telegraph Ave



2250 Telegraph Ave



- x— Fence
- Structure
- - - extended excavation
- original excavation
- ⊕ Bottom sample
- Soils sample
- tank
- INLET TANK

1"=10'

West Grand Avenue

[Handwritten signature]

Table — Contaminants in Soil and Water Gasoline Tank and Dispenser Areas

609.002
Tables.

Sample	<u>TVH</u> <u>mg/kg</u>	<u>TEH</u> <u>mg/kg</u>	<u>B</u> <u>ug/kg</u>	<u>T</u> <u>ug/kg</u>	<u>E</u> <u>ug/kg</u>	<u>X</u> <u>ug/kg</u>	<u>Lead</u> <u>mg/kg</u>
G3 210	120	--	820	560	2300	4000	9.07
G4 210	18	--	89	11	150	520	19.2
G5 210	270	--	2300	220	3400	410	5.43
G6 215	8.3	--	320	6.3	170	220	4.93
G7 215	6.3	--	270	34	ND	160	8.45
G8 216	ND	--	19	5.6	ND	ND	6.65
G9 210	ND	--	ND	ND	ND	ND	5.54
G10 216		--	1600	670	1300	460	8.36
G10 217			72				--
G11 210	ND	--	ND	ND	ND	ND	6.01
G12 210	52	ND	110	45	480	140	--
G13 210	12	ND	220	43	600	130	--
green layer G14 27.5	ND	100	ND	ND	ND	ND	--
green layer G15 09.5		ND	820	59	1300	1600	7--
G16 211	19	ND	200	41	210	46	--
Fill G17 06	24	ND	38	34	12	18	--
G18 28'							
G19 2							
G20 2							
G21 2							
G22 2		57					

	TVH	TEH	B	T	E	X	P6
D1 2.5	ND	--	ND	ND	ND	ND	877 201
D2 2.5	1700	--	2300	9500	35000	77000	977 107
D2 2.45	ND	ND	ND	ND	ND	ND	--
D3 2.5	260	--	850	1600	3800	18000	977 91.7
D3 2.45	ND	ND	ND	ND	ND	ND	977
D4 2.5	ND	--	ND	ND	ND	9.1	977 537
W	69	--	4500	2200	1600	3800	2.34

rea to det if H.W.

Table Detected Contaminants in Soil
Waste Oil Tank Area

Sample Concentration

<u>Petroleum Related</u>	WO-1	WO-2	File Composite
TVH (mg/kg)	40	740	130
Total aromatic hydrocarbons TEH (mg/kg)	4090	5740	5800
TOG (mg/kg)	1700	3600	3200
Benzene (ug/kg)	180	12000	1100
Toluene (ug/kg)	880	15000	1700
Ethylbenzene (ug/kg)	800	10000	2100
Xylene (ug/kg)	1200	18000	3900
PCBS (mg/kg)	ND	--	--

Total Metals

Cadmium (mg/kg)	.431	.522	.482
Chromium (mg/kg)	23.4	25.6	26
Lead (mg/kg) ppm	151	112	85.9
Iron (mg/kg)	167	140	70.6
Nickel (mg/kg)	32.5	30.2	27.5
Copper (mg/kg)	88.4	32.5	23.3
<u>Soluble Metals</u> Lead (ug/L)	--	--	8.22

Volatile/Semi Volatile Organics

PCE (ug/kg)	39	470	66
Chlorobenzene (ug/kg)	40	--	--
2-methyl naphthalene (ug/kg)	2400	--	--
2-methyl phenol (ug/kg)	900	--	--
Naphthalene (ug/kg)	1300	--	--
butyl phenol			