

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATE

StID 1288- Frank Spinardi Property, 2350 High St., Oakland, CA, 94601
(2 - 4,000 gallons, 1 - 2,000 gallons, 1 - 500 gallons tanks removed)

November 4, 1998

Frank Spinardi
3901 San Leandro St.
Oakland, CA 94601

Dear Mr. Spinardi:

This letter confirms the completion of site investigation and remedial action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Section 2721(e) of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

c: Richard Pantages, Chief of Division of Environmental Protection
Chuck Headlee, RWQCB
Dave Deaner, SWRCB
Leroy Griffin, OFD

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: October 27, 1998

Agency name: **Alameda County-HazMat**
 City/State/Zip: **Alameda, CA 94502**
 Responsible staff person: **Don Hwang**

Address: **1131 Harbor Bay Pkwy**
 Phone: **(510) 567-6746**
 Title: **Hazardous Materials Specialist**

II. CASE INFORMATION

Site facility name: **Frank Spinardi Property**

Site facility address: **2350 High St., Oakland, CA 94601**

RB LUSTIS Case No: **N/A**

Local Case No./LOP Case No.: **1288**

URF filing date: **3/18/92**

SWEEPS No: **N/A**

Responsible Parties:

Addresses:

Phone Numbers:

Frank Spinardi

**3901 San Leandro St.
 Oakland, CA 94601**

(510) 532-1197

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	4,000	gasoline	removed	11/6/89
2	4,000	gasoline	removed	11/6/89
3	2,000	gasoline	removed	11/6/89
4	550	waste oil	removed	11/6/89

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **unknown**

Site characterization complete? **yes**

Date approved by oversight agency:

Monitoring Wells installed? **no** Number:

Proper screened interval?

Highest GW depth below ground surface: Lowest depth:

Flow direction:

Most sensitive current use: **commercial**

Are drinking water wells affected? **no** Aquifer name:

Is surface water affected? **no** Nearest affected SW name:

Off-site beneficial use impacts (addresses/locations): **none**

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

Report(s) on file? **yes** Where is report(s) filed? **Alameda County** **City of Oakland FD**
1131 Harbor Bay Pkwy' and **505 14th St., 7th Floor**
Alameda, CA 94502 **Oakland, CA 94612**

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank	2-4k, 1-2k, 1-550	Disposal at H&H Ship Service, San Francisco, CA	11/6/89
Soil	130 cy	Disposal at Vasco Rd. Landfill, Livermore, CA	8/92 -10/92
	2 cy	Disposal at Remco, Red Bluff, CA	7/92
Groundwater	none		

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before ⁶	After ⁶
TPH (Gas)	11,000 ¹	ND ²		
TPH (Diesel)	Not Analyzed			
Benzene	ND ¹	ND ²		
Toluene	ND ¹	ND ²		
Ethylbenzene	220 ¹	ND ²		
Xylenes	1,500 ¹	ND ²		
HVOCs		ND ⁴		
Oil & Grease	2,100 ³	<50 ⁴		
Heavy metals				
Cd		<20 ⁵		
Cr		25 ⁵		
Pb		23 ⁵		
Ni		28 ⁵		
Zn		28 ⁵		

Comments (Depth of Remediation, etc.):

- 1 Initial soil sample from tank removal from gasoline tank pit
- 2 Overexcavation soil sample from gasoline tank pit
- 3 Initial soil sample from tank removal of waste oil tank pit
- 4 Overexcavation soil sample from waste oil tank pit
- 5 Overexcavation soil sample from waste oil tank pit
- 6 Not Analyzed

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

VII. ADDITIONAL COMMENTS, DATA, ETC.

See attached site summary.

Site Summary for 2350 High St.,
StID # 1288

This site had four underground tanks removed on 11/6/89, two 4,000 steel and one 2,000 gallon steel tank used for storing gasoline and one 550 gallon waste oil tank. The three fuel tanks were in the same tank pit while the waste oil tank was to the east of the gas tanks (fig.1,2). Soil samples were taken at the ends of each of the fuel tanks and beneath the waste oil tank (attached). The fuel tank soil samples were taken at approximately 10' depth. The highest impacted soil sample was from the west end of tank C, the 2,000 gallon gasoline tank. This sample exhibited 11,000 ppm TPHg and nd, nd, 220 and 1500 ppm BTEX, respectively. The sample beneath the waste oil tank exhibited 2100 ppm TRPH by IR.

The waste oil tank pit was over-excavated on May 29, 1992 to a depth of 8' bgs. Three soil samples, WO-1 through WO-3, were collected from the east, west and bottom of the tank pit and analyzed discretely (fig. 1). These samples were analyzed for Oil and Grease, TPHg, BTEX, purgeable halogenated hydrocarbons and the five heavy metals (table 1). No petroleum or halogenated hydrocarbons were detected in these samples. The metals concentrations were well within background levels.

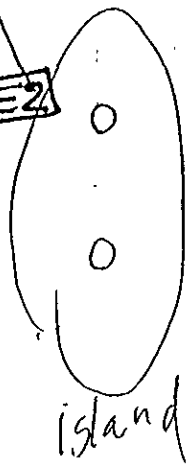
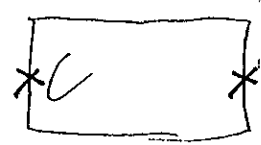
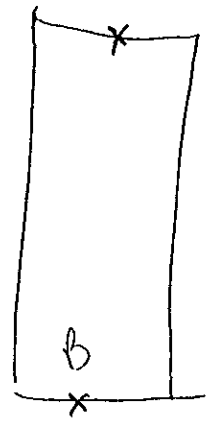
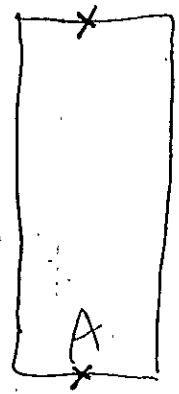
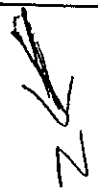
The gasoline tank pit was over-excavated on 8/31/93 to an approximate depth of 15'. A total of 12 soil samples, 8 sidewall and 4 floor samples were taken after over-excavation. These samples were taken after approximately 6" of soil was scraped away from the sampling point. No gasoline or BTEX was found in any of these samples (attached).

The soil stockpiles from the waste oil tank pit, and the gasoline tank pit were transported to Remco's treatment facility, Red Bluff, Ca., and Vasco Rd. Landfill, Livermore, Ca., respectively.

No groundwater was encountered during removal of the tanks and no groundwater data was available near the site.

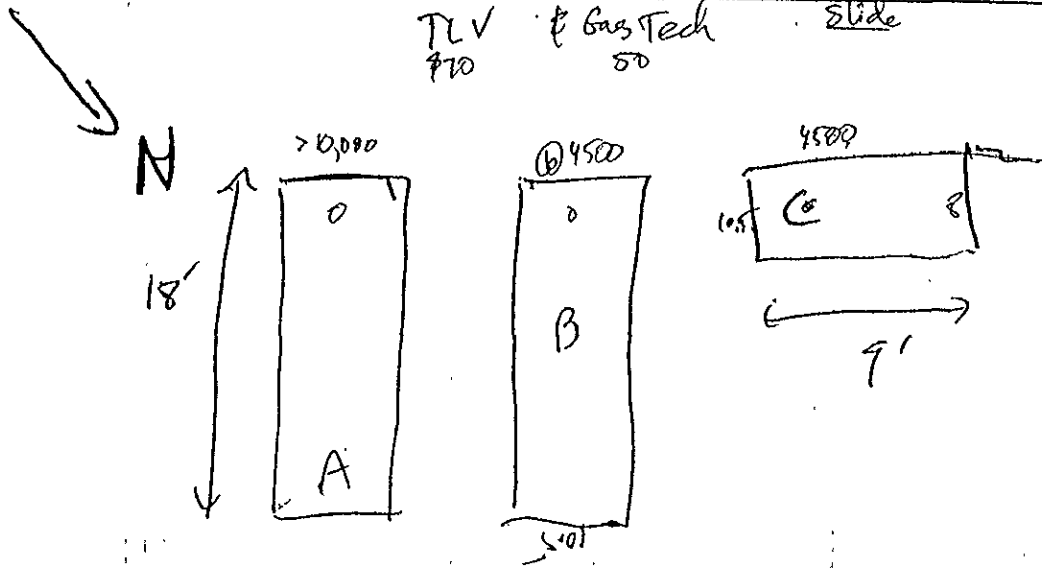
This is a "Low Risk Soils Case" and case closure is recommended because:

- o the leak and ongoing sources have been removed;
- o the site has been adequately characterized;
- o no water wells, surface water, or other sensitive receptors are likely to be impacted; and,
- o the site presents no significant risk to human health or the environment.



JOB NUMBER		SUBJECT	DATE	SHEET NO.
------------	--	---------	------	-----------

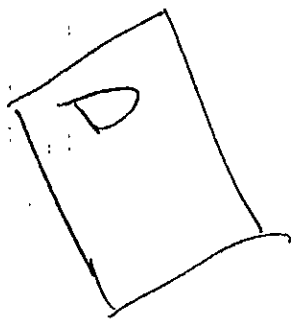
TLV & Gas Tech slide
710 50



	<u>O₂</u>	<u>LEL</u>
A	10.0%	>10,000
B	13.0%	7000
C		4500
D		4500

Analyses

- 4 Gasoline .5030. BTX
- 2 Petro





1255 POWELL STREET EMERYVILLE, CA 94608 • (415) 428-2300

LOG NO: E89-11-169

Received: 06 NOV 89

Reported: 20 NOV 89

Mr. Frank Spinardi
Mr. Frank Spinardi
3901 San Leandro Street
Oakland, California 94601

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES					DATE SAMPLED
11-169-1	Tank A - North					06 NOV 89
11-169-2	Tank A - South					06 NOV 89
11-169-3	Tank B - North					06 NOV 89
11-169-4	Tank B - South					06 NOV 89
11-169-5	Tank C - East					06 NOV 89
PARAMETER	11-169-1	11-169-2	11-169-3	11-169-4	11-169-5	
TPH-Volatile Hydrocarbons/BTEX	11.08.89	11.08.89	11.08.89	11.08.89	11.08.89	
Date Analyzed	50	10	1	40	10	
Dilution Factor, Times	<5	<1	<0.1	<4	<1	
Benzene, mg/kg	9	3	<0.1	18	5	
Ethylbenzene, mg/kg	<5	<1	<0.1	<4	3	
Toluene, mg/kg	64	25	0.3	220	34	
Total Xylene Isomers, mg/kg	750	340	<5	3700	230	
C4 to C12 Hydrocarbons, mg/kg	---	---	---	---	---	
Other TPH-Volatile Hydrocarbons/BTEX---	---	---	---	---	---	
	"N"	"A"	"S"	"N"	"B"	"S"
						E C



LOG NO: E89-11-169

Received: 06 NOV 89

Reported: 20 NOV 89

Mr. Frank Spinardi
Mr. Frank Spinardi
3901 San Leandro Street
Oakland, California 94601

REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION, SOIL SAMPLES	DATE SAMPLED
11-169-6	Tank C - West	06 NOV 89
11-169-7	Pipe E-1	06 NOV 89
11-169-8	Pipe E-2	06 NOV 89
11-169-9	Tank D	06 NOV 89

PARAMETER	11-169-6	11-169-7	11-169-8	11-169-9
Petroleum Hydrocarbons by IR, mg/kg	---	---	---	2100
TPH-Volatile Hydrocarbons/BTEX				<u>OTG</u>
Date Analyzed	11.08.89	11.08.89	11.08.89	---
Dilution Factor, Times	200	1	1	---
Benzene, mg/kg	<20	<0.1	<0.1	---
Ethylbenzene, mg/kg	220	<0.1	<0.1	---
Toluene, mg/kg	<20	<0.1	<0.1	---
Total Xylene Isomers, mg/kg	1500	<0.1	0.3	---
C4 to C12 Hydrocarbons, mg/kg	11000	<5	9	---
Other TPH-Volatile Hydrocarbons/BTEX	---	---	---	---

C-W

Piping

Waste oil tank

Sim D. Lessley, Ph.D., Laboratory Director

Table I, Summary of Soil Sample Analytical Results

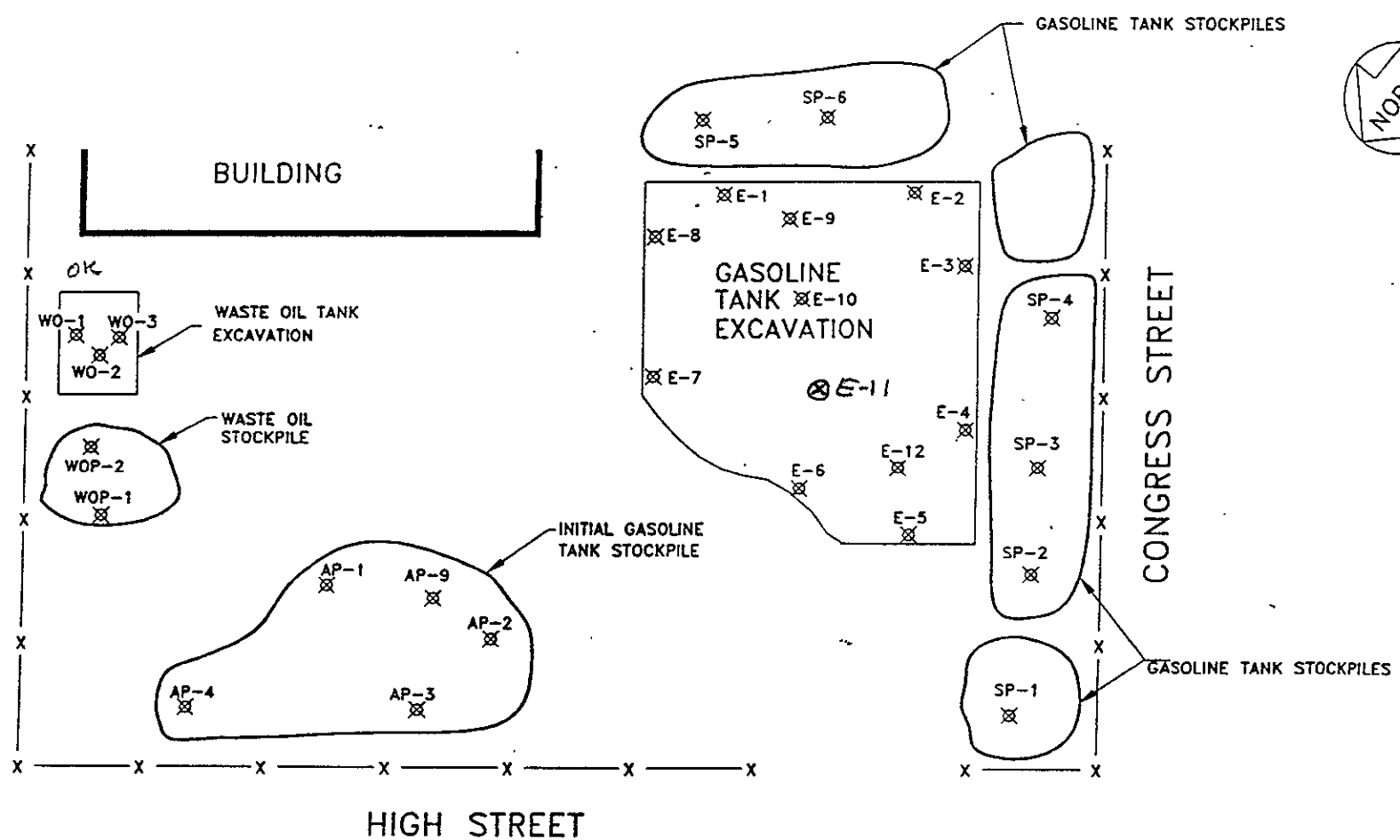
BEI Job No. 92084
 Waste Oil Tank Excavation
 Frank Spinardi
 2350 High Street
 Oakland, CA

	Oil & Grease (mg/kg)	TPH as Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (ug/kg)	Ca (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zi (mg/kg)	Purgeable Halocarbons (ug/kg)
WO-1	<50	<1	<2.5	<2.5	<2.5	<2.5	<2.0	25	23	28	21	ND
WO-2	<50	<1	<2.5	<2.5	<2.5	<2.5	<2.0	25	7.3	28	28	ND
WO-3	<50	<1	<2.5	<2.5	<2.5	<2.5	<2.0	24	15	27	22	ND

TPH = Total Petroleum Hydrocarbons
 ug/kg = Micrograms per Kilogram
 mg/kg = Milligrams per kilogram
 ND = Not Detected
 Ca = Cadmium
 Cr = Chromium
 Pb = Lead
 Ni = Nickel
 Zi = Zinc

Note:

For results shown as <X, X represents the reporting limit.



0 2 4 6 8 10
SCALE IN FEET

BLMYER ENGINEERS, INC.		LEGEND ☒ SOIL SAMPLE	PROJECT FRANK SPINARDI OAKLAND, CA SITE PLAN AND SOIL SAMPLE LOCATIONS	FIGURE 1
BEI JOB NO. 92084	DATE 1/9/94			



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-1

Date Taken: 08/31/1993

Time Taken: 14:20

NET Sample No: 172537

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						09/11/1993
DILUTION FACTOR*	1						09/11/1993
as Gasoline	ND		1	mg/kg	5030		09/11/1993
METHOD 8020 (GC,Solid)	--						09/11/1993
Benzene	ND		2.5	ug/kg	8020		09/11/1993
Toluene	ND		2.5	ug/kg	8020		09/11/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/11/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/11/1993
SURROGATE RESULTS	--						09/11/1993
Bromofluorobenzene (SURR)	79			% Rec.	5030		09/11/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-2
Date Taken: 08/31/1993
Time Taken: 14:30
NET Sample No: 172538

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						
DILUTION FACTOR*	1						09/11/1993
as Gasoline	ND		1	mg/kg	5030		09/11/1993
METHOD 8020 (GC,Solid)	--						09/11/1993
Benzene	ND		2.5	ug/kg	8020		09/11/1993
Toluene	ND		2.5	ug/kg	8020		09/11/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/11/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/11/1993
SURROGATE RESULTS	--						09/11/1993
Bromofluorobenzene (SURR)	77			% Rec.	5030		09/11/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-3
Date Taken: 08/31/1993
Time Taken: 14:40
NET Sample No: 172539

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						09/13/1993
DILUTION FACTOR*	1						09/13/1993
as Gasoline	ND		1	mg/kg	5030		09/13/1993
METHOD 8020 (GC,Solid)	--						09/13/1993
Benzene	ND		2.5	ug/kg	8020		09/13/1993
Toluene	ND		2.5	ug/kg	8020		09/13/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/13/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/13/1993
SURROGATE RESULTS	--						09/13/1993
Bromofluorobenzene (SURR)	85			µ Rec.	5030		09/13/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-4

Date Taken: 08/31/1993

Time Taken: 14:45

NET Sample No: 172540

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						09/11/1993
DILUTION FACTOR*	1						09/11/1993
as Gasoline	ND		1	mg/kg	5030		09/11/1993
METHOD 8020 (GC,Solid)	--						09/11/1993
Benzene	ND		2.5	ug/kg	8020		09/11/1993
Toluene	ND		2.5	ug/kg	8020		09/11/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/11/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/11/1993
SURROGATE RESULTS	--						09/11/1993
Bromofluorobenzene (SURR)	85			% Rec.	5030		09/11/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-5
Date Taken: 08/31/1993
Time Taken: 14:50
NET Sample No: 172541

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						09/11/1993
DILUTION FACTOR*	1						09/11/1993
as Gasoline	ND		1	mg/kg	5030		09/11/1993
METHOD 8020 (GC,Solid)	--						09/11/1993
Benzene	ND		2.5 *	ug/kg	8020		09/11/1993
Toluene	ND		2.5	ug/kg	8020		09/11/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/11/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/11/1993
SURROGATE RESULTS	--						09/11/1993
Bromofluorobenzene (SURR)	75			% Rec.	5030		09/11/1993



Client Acct: 49500
 Client Name: Blymyer Engineers, Inc
 NET Job No: 93.03828

Date: 09/16/1993
 ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-6
 Date Taken: 08/31/1993
 Time Taken: 14:55
 NET Sample No: 172542

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTEX,Solid)							
METHOD 5030/M8015	--						09/11/1993
DILUTION FACTOR*	1						09/11/1993
as Gasoline	ND		1	mg/kg	5030		09/11/1993
METHOD 8020 (GC,Solid)	--						09/11/1993
Benzene	ND		2.5	ug/kg	8020		09/11/1993
Toluene	ND		2.5	ug/kg	8020		09/11/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/11/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/11/1993
SURROGATE RESULTS	--						09/11/1993
Bromofluorobenzene (SURR)	77			% Rec.	5030		09/11/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-7
Date Taken: 08/31/1993
Time Taken: 15:00
NET Sample No: 172543

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						
DILUTION FACTOR*	1						09/13/1993
as Gasoline	ND		1	mg/kg	5030		09/13/1993
METHOD 8020 (GC,Solid)	--						09/13/1993
Benzene	ND		2.5	ug/kg	8020		09/13/1993
Toluene	ND		2.5	ug/kg	8020		09/13/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/13/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/13/1993
SURROGATE RESULTS	--						09/13/1993
Bromofluorobenzene (SURR)	73			% Rec.	5030		09/13/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-8
Date Taken: 08/31/1993
Time Taken: 15:05
NET Sample No: 172544

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						
DILUTION FACTOR*	1						09/12/1993
as Gasoline	ND		1	mg/kg	5030		09/12/1993
METHOD 8020 (GC,Solid)	--						09/12/1993
Benzene	ND		2.5	ug/kg	8020		09/12/1993
Toluene	ND		2.5	ug/kg	8020		09/12/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/12/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/12/1993
SURROGATE RESULTS	--						09/12/1993
Bromofluorobenzene (SURR)	79			% Rec.	5030		09/12/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-9
Date Taken: 08/31/1993
Time Taken: 15:10
NET Sample No: 172545

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						
DILUTION FACTOR*	1						09/12/1993
as Gasoline	ND		1	mg/kg	5030		09/12/1993
METHOD 8020 (GC,Solid)	--						09/12/1993
Benzene	ND		2.5	ug/kg	8020		09/12/1993
Toluene	ND		2.5	ug/kg	8020		09/12/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/12/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/12/1993
SURROGATE RESULTS	--						09/12/1993
Bromofluorobenzene (SURR)	85			% Rec.	5030		09/12/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-10
Date Taken: 08/31/1993
Time Taken: 15:15
NET Sample No: 172546

Parameter	Results	Flags	Reporting		Method	Date	Date
			Limit	Units		Extracted	Analyzed
TPH (Gas/BTXE, Solid)	--						
METHOD 5030/M8015	--						
DILUTION FACTOR*	1						09/12/1993
as Gasoline	ND		1	mg/kg	5030		09/12/1993
METHOD 8020 (GC, Solid)	--						09/12/1993
Benzene	ND		2.5	ug/kg	8020		09/12/1993
Toluene	ND		2.5	ug/kg	8020		09/12/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/12/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/12/1993
SURROGATE RESULTS	--						09/12/1993
Bromofluorobenzene (SURR)	76			% Rec.	5030		09/12/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
Page: 12

Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-11
Date Taken: 08/31/1993
Time Taken: 15:20
NET Sample No: 172547

Parameter	Results	Flags	Reporting			Date	
			Limit	Units	Method	Extracted	Analyzed
TPH (Gas/BTXE, Solid)							
METHOD 5030/M8015	--						
DILUTION FACTOR*	1						09/12/1993
as Gasoline	ND		1	mg/kg	5030		09/12/1993
METHOD 8020 (GC, Solid)	--						09/12/1993
Benzene	ND		2.5	ug/kg	8020		09/12/1993
Toluene	ND		2.5	ug/kg	8020		09/12/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/12/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/12/1993
SURROGATE RESULTS	--						09/12/1993
Bromofluorobenzene (SURR)	76			% Rec.	5030		09/12/1993



Client Acct: 49500
Client Name: Blymyer Engineers, Inc
NET Job No: 93.03828

Date: 09/16/1993
ELAP Certificate: 1386
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Ref: Spinardi/Oakland, Job No: 92084

SAMPLE DESCRIPTION: E-12
Date Taken: 08/31/1993
Time Taken: 15:25
NET Sample No: 172548

<u>Parameter</u>	<u>Results</u>	<u>Flags</u>	<u>Reporting</u> <u>Limit</u>	<u>Units</u>	<u>Method</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Analyzed</u>
TPH (Gas/BTXE,Solid)							
METHOD 5030/M8015	--						09/12/1993
DILUTION FACTOR*	1						09/12/1993
as Gasoline	ND		1	mg/kg	5030		09/12/1993
METHOD 8020 (GC,Solid)	--						09/12/1993
Benzene	ND		2.5	ug/kg	8020		09/12/1993
Toluene	ND		2.5	ug/kg	8020		09/12/1993
Ethylbenzene	ND		2.5	ug/kg	8020		09/12/1993
Xylenes (Total)	ND		2.5	ug/kg	8020		09/12/1993
SURROGATE RESULTS	--						09/12/1993
Bromofluorobenzene (SURR)	81			% Rec.	5030		09/12/1993

LOP - RECORD CHANGE REQUEST FORM

printed:
11/05/98

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

CL
Insp: ~~BE~~

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 1288 LOC:
SITE NAME: German Engine Repair DATE REPORTED : 11/06/89
ADDRESS : 2350 High St DATE CONFIRMED: 11/06/89
CITY/ZIP : Oakland 94601 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: U CONTRACT STATUS: 4 PRIOR CODE:1C3 EMERGENCY RESP:
RP SEARCH: S DATE COMPLETED: 03/09/92
PRELIMINARY ASMNT: c DATE UNDERWAY: 11/06/89 DATE COMPLETED: 11/06/89
REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
REMEDIAL ACTION: c DATE UNDERWAY: 05/29/92 DATE COMPLETED: 08/31/93
POST REMED ACT MON:c DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/09/92
LUFT FIELD MANUAL CONSID: 2SC
CASE CLOSED: Y DATE CASE CLOSED: 11/04/98
DATE EXCAVATION STARTED : 11/01/89 REMEDIAL ACTIONS TAKEN: NT

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Frank Spinardi
COMPANY NAME:
ADDRESS: 3901 San Leandro Street
CITY/STATE: Oakland CA 94601

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

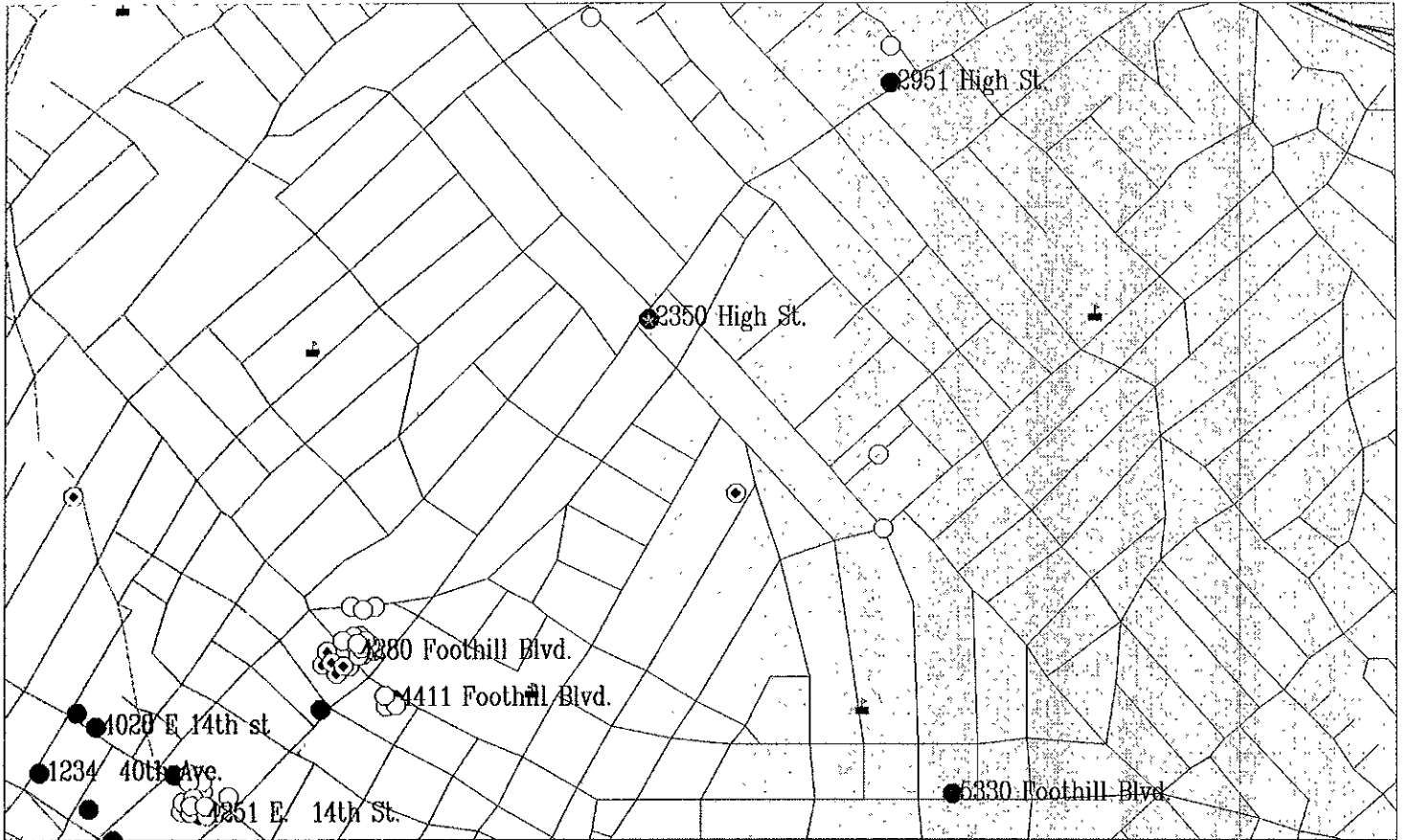
Name/Address Changes Only

Case Progress Changes

ANNPMS _____ LOP _____ DATE _____

LOP _____ DATE _____

No wells
anywhere



Petroleum Underground Storage Tank Cleanup Fund

Proposed Commingled Plume Concept

