

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

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

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 13 - 3050 E. 14th Street, Oakland, CA
(1-550 gallon waste oil tank removed in August 1988 and 1-550 gallon
gasoline tank removed in August 1989)

March 1, 1999

Mr. James DiBari
3050 E. 14th Street
Oakland, CA 94601

Dear Mr. DiBari:

This letter confirms the completion of site investigation and remedial action for the underground storage tanks 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 tanks 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

cc: Richard Pantages, Chief of Division of Environmental Protection
Chuck Headlee, RWQCB
Dave Deaner, SWRCB
Leroy Griffin, OFD
files-ec (melrose-3)

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ENVIRONMENTAL HEALTH SERVICES

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

StID 13

May 6, 1997

Mr. James DiBari
Melrose Ford
3050 E. 14th Street
Oakland, CA 94601

RE: Well Decommission at 3050 E. 14th Street, CA 94601

Dear Mr. DiBari:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells (MW-1 through MW-3) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. They can be reached at (510) 484-2600.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu
Hazardous Materials Specialist

3/1/99 RAEC

MAR 31 1997

QUALITY CONTROL BOARD

ENVIRONMENTAL
PROTECTION

97 APR 31 PM 3:08

CASE CLOSURE SUMMARY

Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: December 19, 1996

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy
 City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700
 Responsible staff person: Barney Chan Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Melrose Ford
 Site facility address: 3050 E. 14th Street, Oakland, CA 94601
 RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 13
 URF filing date: 12/26/90 SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
James & C. DiBari Melrose Ford Inc.	3050 E. 14th Street Oakland, CA 94601	510/534-8520

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	550	Waste Oil	Removed	8/16/88
2	550	Gasoline	Removed	8/17/89

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
 Site characterization complete? YES
 Date approved by oversight agency: 10/8/96
 Monitoring Wells installed? Yes Number: 3
 Proper screened interval? Yes, approximately 7' to 20' bgs
 Highest GW depth below ground surface: GW encountered at ~11 to 12' bgs during well construction
 Flow direction: Regional groundwater flow direction is to SSW. Flow direction was never determined from onsite wells.
 Most sensitive current use: Commercial
 Are drinking water wells affected? No Aquifer name: Unknown
 Is surface water affected? No Nearest affected SW name: NA
 Off-site beneficial use impacts (addresses/locations): None

Report(s) on file? YES Where is report(s) filed? Alameda County
 1131 Harbor Bay Pkwy
 Alameda, CA 94502

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> <u>(include units)</u>	<u>Action (Treatment</u> <u>or Disposal w/destination)</u>	<u>Date</u>
Tank	2 USTs	Erickson, in Richmond	8/88 & 8/89
Rinsate	80 gallons	Gibson Oil, in Bakersfield	8/16/89

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	<u>Before¹</u>	<u>After³</u>	<u>Before</u>	<u>After⁴</u>
TPH (Gas)	370	ND		ND
TPH (Diesel)	30	ND		ND
Benzene	0.1	ND		1.0
Toluene	0.1	ND		2.6
Ethylbenzene	5.7	ND		ND
Xylenes	35	ND		2.4
Oil & Grease	189 ²	ND		ND
Heavy metals	Organic Pb	ND		
Other	HVOCs	ND		

- NOTE: 1 soil from beneath former gasoline UST collected 8/17/89
 2 soil from beneath former waste oil UST collected 8/16/88
 3 soil from well borings (Aug 1991)
 4 groundwater from well MW-1 sampled in Nov 1991 or Aug 1993

Comments (Depth of Remediation, etc.):

See Section VII, Additional Comments, etc...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **Undetermined**
 Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **Undetermined**
 Does corrective action protect public health for current land use? **YES**
 Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**
 Monitoring wells Decommissioned: **No, pending site closure**
 Number Decommissioned: **0** Number Retained: **3**
 List enforcement actions taken: **NOV issued 6/17/93**
 List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature:  Date: 1/21/97

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

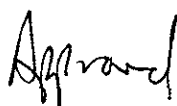
Signature:  Date: 1/17/97

Name: Thomas Peacock Title: Supervisor

Signature:  Date: (1-17-97)

VI. RWQCB NOTIFICATION

Date Submitted to RB: 1/22/97

RB Response: 

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature: 

Date: 1/21/97

VII. ADDITIONAL COMMENTS, DATA, ETC.

In June 1988, before the USTs were removed, one boring (Boring 1) was advanced adjacent to the waste oil UST and three borings (Boring 2 through Boring 4) were advanced around the gasoline UST. Soil samples were collected and analyzed for TPH using Method 8015. Only Boring 4 identified up to 40 ppm TPH from a depth of 9'. (See Figs 1, 2 and Table 1)

A 550 gallon waste oil UST was removed in August 1988 and a 550 gallon gasoline UST was removed in August 1989. The USTs were in separate pits (see Fig 3). Soil samples collected from beneath the waste oil tank was analyzed for TPH and TOG. Up to 189 ppm TOG was identified. The soil sample from beneath the gasoline tank was analyzed for TPHg and BTEX. Up to 370 ppm TPHg and 0.1, 0.1, 5.7, and 35 ppm BTEX, respectively, were identified.

In August 1991 three groundwater monitoring wells were installed to depths of 20' to 25' bgs (see Fig 4 and Boring Logs). The soil samples collected from the boring immediately downgradient of the former waste oil tank (Well 1) were analyzed for TPHd, TPHg, BTEX, TOG, HVOCs, 5 metals (Cd, Cr, Pb, Ni, and Zn). None of the above analytes were detected. A soil sample collected from the boring immediately adjacent to the former gasoline tank was analyzed for TPHg, BTEX, and organic lead. None was detected. It appears hydrocarbon-impacted soil is limited to the immediate vicinity of the tank excavations.

Groundwater was sampled on November 8, 1991 and August 13, 1993 and analyzed for TPHg, BTEX, TPHd, and TOG. Only trace amounts of BTEX were identified from well MW-1. It appears the hydrocarbon release from the former USTs did not significantly impact groundwater quality beneath the site. Continued monitoring is not warranted.

In summary, case closure is recommended because:

- o the leak and ongoing sources have been removed;
- o the site has been adequately characterized;
- o the dissolved plume is not migrating;
- 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.

GLOBE SOIL ENGINEERS

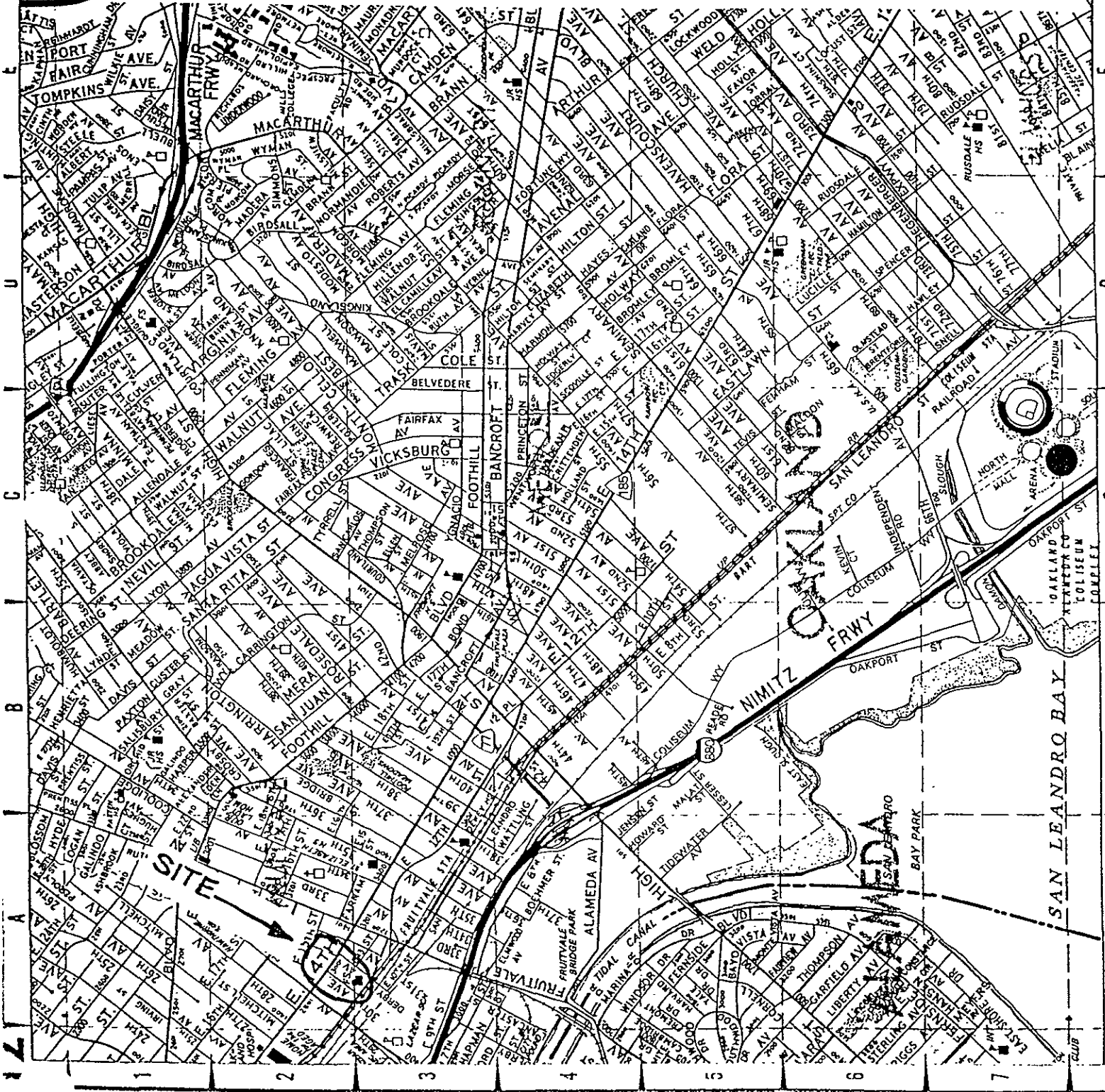
PROJECT NO: 910203

LOCATION: 3050 E. 14TH STREET
OAKLAND, CALIF.

VICINITY MAP

DATE: 4/30//1991

FIGURE: 1



white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

II, III

Site ID # _____ Site Name Melrose Ford Today's Date 9/21/93

Site Address 3050 E14th St

City Oak Zip 94601 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

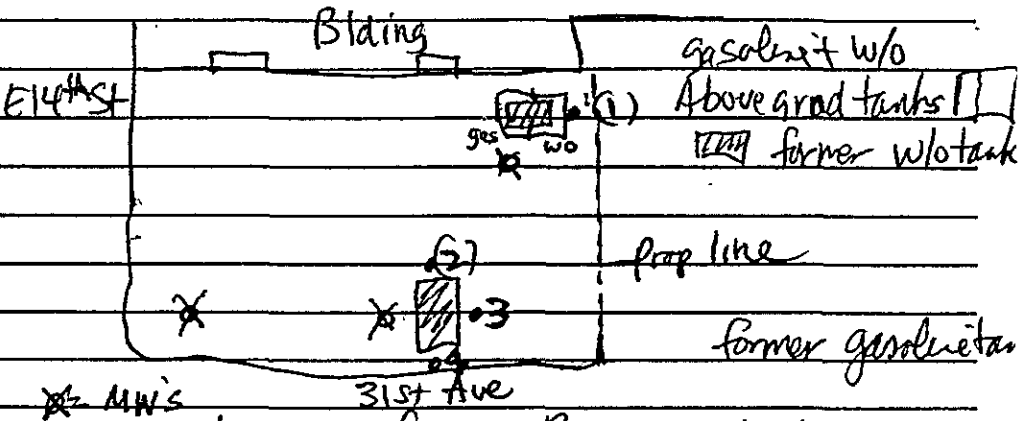
Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Site visit verifying locations of 4 borings B-1 through B-4 plus the locations of MW1-MW3. Verified the current above ground fuel tanks are located above the former waste oil tank.



Appears that borings would adequately define lateral extent of soil contamination. Question whether meter 8015 would detect motor oil in (1).
I need the report for the MW installation plus quarterly monitoring resumed from this point on.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stats. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(a)
- 13. Implement Sch. Req'd? (Y/N) _____
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(e)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) _____
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- 1. Permit Application 25284 (H&S)
- 2. Pipeline Leak Detection 25292 (H&S)
- 3. Records Maintenance 2712
- 4. Release Report 2651
- 5. Closure Plans 2670

- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose
 - One time soils
 - Annual tank test
 - 4) Monthly Groundwater
 - One time soils
 - 5) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - Vadose/groundwater mon.
 - 6) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - 7) Weekly Tank Gauge
 - Annual tank testing
 - 8) Annual Tank Testing
 - Daily Inventory
 - 9) Other _____

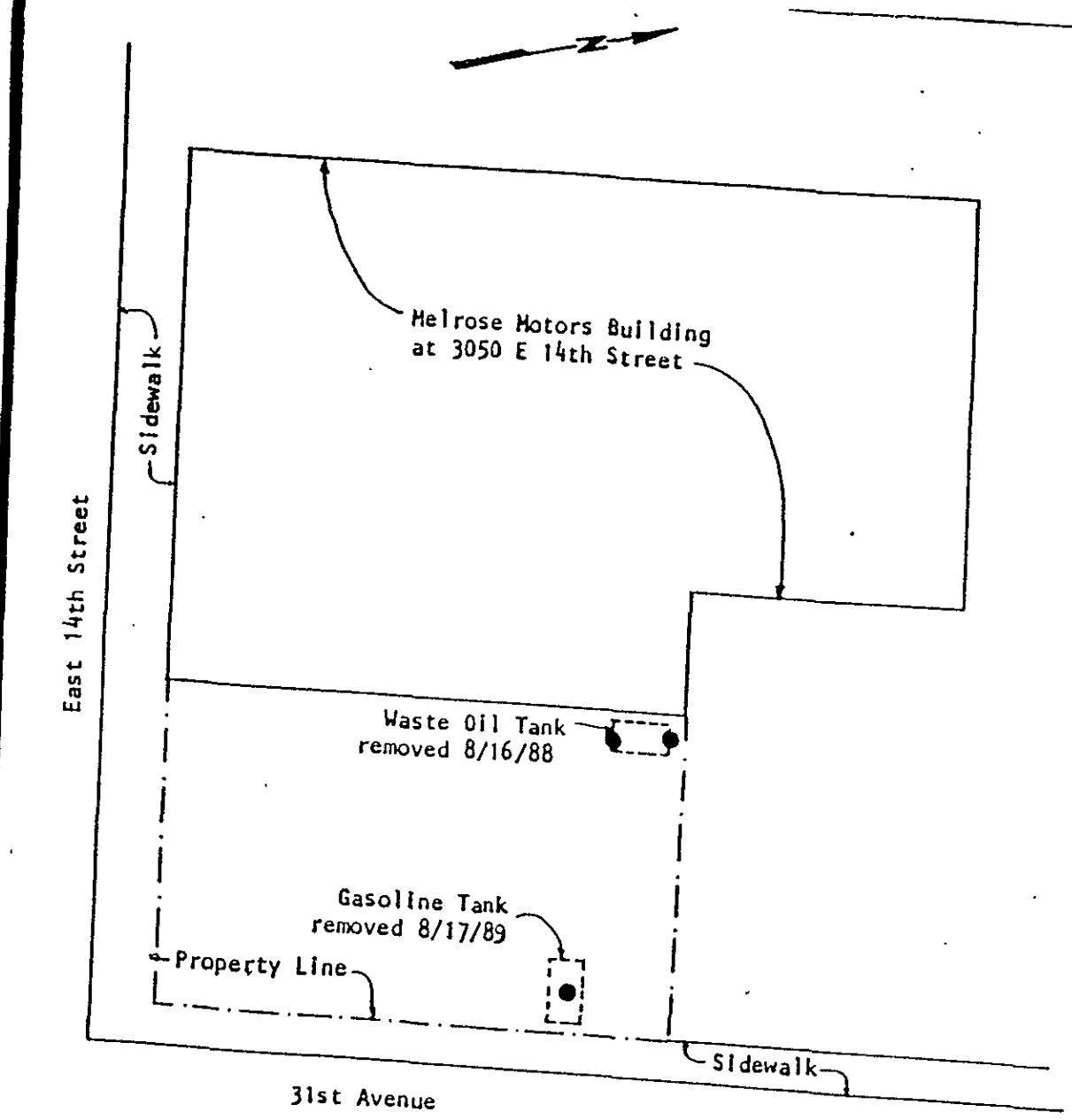
- 7. Precs Tank Test Date: _____ 2643
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

- 11. Monitor Plan 2632
- 12. Access. Secure 2634
- 13. Plans Submit Date: _____ 2711
- 14. As Built Date: _____ 2635

Contact: Mr Charles D. Bari
Title: _____
Signature: _____

Inspector: BCham
Signature: _____

II, III



● Approximate location of soil samples



Environmental Services, Inc.
 2111 Jennings St., San Francisco, CA 94124-3224
 (415) 822-4555 FAX (415) 822-5290

SITE PLAN
 Final Report/Tank Removal
 Melrose Motors
 3050 E 14th Street
 Oakland, California

PROJECT NUMBER: 90888

FIG. 3
 DATE 11/17/89

FIGURE 3

DERBY STREET

SIDEWALK

MELROSE FORD BUILDING
AT 3050 E. 14TH STREET

E. 14TH STREET

ENTRANCE

EXIT

550 GALLON
WASTE OIL TANK
(REMOVED 8/16/88)

WELL 1

DRIVEWAY

PARKING LOT

WELL 3

550 GALLON
GASOLINE TANK
(REMOVED 8/17/89)

WELL 2

DRIVEWAY

PROPERTY LINE

SIDEWALK

128'

68'

31 ST AVENUE

204'

GLOBE SOIL ENGINEERS

PROJECT NO: 910203

LOCATION: 3050 E. 14TH STREET
OAKALND, CALIF.

SITE MAP

DATE: 4/30///91

Precision Analytical Laboratory, Inc.

224 PHONE

CERTIFICATE OF ANALYSIS

STATE LICENSE NO. 211

Date Received: 6/17/88
Date Reported: 6/22/88
Job #: 70363

MELROSE FORD
E 14TH ST
OAKLAND, CA

TABLE 1

TOTAL PETROLEUM HYDROCARBON ANALYSIS by Modified Method 8015

what range does this cover?

<u>SAMPLE ID</u>	<u>CONCENTRATION</u> mg/L	<u>HYDROCARBON</u>
BORING 1 - 5'	ND<20	N/A
BORING 1 - 10'	ND<20	N/A
BORING 2 - 8.5'	ND<20	N/A
BORING 3 - 8.5'	ND<20	N/A
BORING 3 - 10'	ND<20	N/A
BORING 4 - 9'	40	TPH

JC
Jaime Chow
Laboratory Director

JC/ls

GLOBE SOIL ENGINEERS		PROJECT NO: 910203
		LOCATION: 3050 E. 14TH STREET OAKLAND, CALIF.
EXPLORATORY BORING LOG		DATE: 4/30///91
		BORING NO: 1
DRILL RIG: Truck Mounted Auger	BORING DIAMETER: 8 Inch	LOGGED BY: WM
DEPTH TO GROUNDWATER: 4	SURFACE ELEVATION: 40	CHECKED BY: ZN

DESCRIPTION AND CLASSIFICATION				SYMBOL	DEPTH (FEET)	SAMPLE	PENETRATN RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRNGTH (KSF)
DESCRIPTION	COLOR	CONSIST.	SOIL TYPE							
FILL, silty with rock fragments and surface roots LL = 38% PI = 23%	Yellow brown	Soft	ML	[Symbol: Dotted]	0	[Sample]	3	10	105	
FILL, silty-sandy Passing #200 seive: 72%	Light brown	Firm	ML		4	[Sample]	8	10		
SEDIMENTARY LAYER decomposed. rhythmically bedded.	Gray brown	Soft-hardness	SM	[Symbol: Diagonal Lines]	8	[Sample]	46	14	117	
SEDIMENTARY LAYER Breaks into small pieces.	Gray	Soft-	Bed-rock		12	[Sample]		(WATER)		
SEDIMENTARY LAYER No caving Refusal	Gray-brown	Med-hardness		[Symbol: Diagonal Lines]	16	[Sample]	64	11		
					20					

BOTTOM OF BORING = 22 FEET

GLOBE SOIL ENGINEERS		PROJECT NO: 910203
		LOCATION: 3050 E. 14TH STREET OAKALND, CALIF.
EXPLORATORY BORING LOG		DATE: 4/30///91
		BORING NO: 2
DRILL RIG: Truck Mounted Auger	BORING DIAMETER: 8 Inch	LOGGED BY: WM
DEPTH TO GROUNDWATER: 11	SURFACE ELEVATION: 40	CHECKED BY: ZN

DESCRIPTION AND CLASSIFICATION				SYMBOL	DEPTH (FEET)	SAMPLE	PENETRATN RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRNGTH (KSF)
DESCRIPTION	COLOR	CONSIST.	SOIL TYPE							
FILL, CLAYEY with rock fragments and surface roots LL = 40% PI = 27%	Orange brown	Firm	CL	[Symbol: Dotted]	4	[Sample]	5	10	105	2.8 (P)
SAND, silty clayey Passing #200 seive: 79%	Light brown	Firm	SM		8	[Sample]	9	12		
SAND,	Gray brown	Dense	SM	[Symbol: Diagonal Lines]	12	[Sample]	39	14 (WATER)	117	
SAND	Gray	Soft-hardness	SM		16	[Sample]	62	18		
SEDIMENTARY LAYER weathered and. fractured. No caving No water Refusal	Gray	Med-hardness		[Symbol: Diagonal Lines]	20	[Sample]				

BOTTOM OF BORING = 21 FEET

GLOBE SOIL ENGINEERS		PROJECT NO: 910203	
		LOCATION: 3050 E. 14TH STREET OAKALND, CALIF.	
EXPLORATORY BORING LOG		DATE: 4/30//91	
		BORING NO: 3	
DRILL RIG: Truck Mounted Auger	BORING DIAMETER: 8 Inch	LOGGED BY: WM	
DEPTH TO GROUNDWATER: 10	SURFACE ELEVATION: 39	CHECKED BY: ZN	

DESCRIPTION AND CLASSIFICATION				SYMBOL	DEPTH (FEET)	SAMPLE	PENETRATN RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	SHEAR STRNGTH (KSF)
DESCRIPTION	COLOR	CONSIST.	SOIL TYPE							
FILL, silty with rock fragments and surface roots LL = 39% PI = 22%	Yellow brown	Soft	ML	[Stippled pattern]	4	[Sample icon]	4	11	105	1.6
FILL, silty-sandy Passing #200 seive: 76%	Light brown	Firm	ML		8		7	10	2.4 (P)	
SAND, decomposed. and weathered.	Gray brown	Soft-hardness	SM	[Diagonal hatching]	12	[Sample icon]	41	15 (WATER)	115	
SEDIMENTARY LAYER	Gray	Soft-hardness	Bed-rock		16		60	19		
SEDIMENTARY LAYER No caving Refusal	Gray	Med-hardness		[Diagonal hatching]	20					

BOTTOM OF BORING = 21 FEET