

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



11-27-00

20110

November 17, 2000
StID# 4056

Mr. Richard Hamilton
8275 San Leandro St.
Oakland CA 94621

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

RE: Fuel Leak Site Case Closure, Monterey Mechanical, 8275 San
Leandro St., Oakland CA 94621

Dear Mr. Hamilton:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with the Health and Safety Code, Chapter 6.75 (Article 4, Section 25299.37 h). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Health Services, Local Oversight Program (LOP) is required to use this case closure letter. We are also enclosing the case closure summary. This document confirms the completion of the investigation and cleanup of the reported release at the subject site.

Site Investigation and Cleanup Summary:

Please be advised that the following conditions exist at the site:

- 71 parts per billion (ppb) TPH as gasoline and 6.1 ppb MTBE benzene remain in the groundwater at the site.

This site should be included in the City's permit tracking system. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

enclosures: Case Closure Letter, Case Closure Summary

c: B. Chan, files (letter only)
Mr. L. Griffin, City of Oakland OES, 1605 MLK Jr. Way,
Oakland CA 94612

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

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November 17, 2000
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ENVIRONMENTAL HEALTH SERVICES
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1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Richard Hamilton
8275 San Leandro St.
Oakland CA 94621

RE: 8275 San Leandro St., Oakland 94621

Dear Mr. Hamilton:

This letter confirms the completion of site investigation and remedial action for the one (1) 2,000 gallon gasoline tank removed 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 tank is greatly appreciated.

Based on information in the above-referenced file and with provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of this Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) as the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung
Director, Environmental Health

c: ✓ B. Chan, Hazardous Materials Division-files
Mr. Chuck Headlee, RWQCB
Mr. Allan Patton, SWRCB Cleanup Fund
Mr. Leroy Griffin, City of Oakland OES, 1605 Martin Luther
King Dr., Oakland CA 94612

RACC8275SLSt

01-1012



ENVIRONMENTAL PROTECTION
97 JUL 22 PM 4:11

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: June 26, 1997

Agency name: Alameda County-HazMat **Address:** 1131 Harbor Bay Parkway
Rm 250, Alameda CA 94502

City/State/Zip: Alameda **Phone:** (510) 567-6700

Responsible staff person: Barney Chan **Title:** Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Monterey Mechanical Company

Site facility address: 8275 San Leandro St., Oakland CA 94621

RB LUSTIS Case No: N/A **Local Case No./LOP Case No.:** 4056

ULR filing date: 9/8/89 **SWEEPS No:** N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
Mr. Carl Johnson Reynolds	8275 San Leandro St. Oakland CA 94621	(510) 632-3173 X 137

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	1,000	gasoline	Removed	3/24/88
2	1,000	gasoline	Removed	3/24/88

III RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown

Site characterization complete? Yes

Date approved by oversight agency:

Monitoring Wells installed? Yes **Number:** 1

Proper screened interval? Yes, from 9-25', groundwater was encountered at 10' bgs during well installation

Leaking Underground Fuel Storage Program

Highest GW depth: 6.15' Lowest depth: 6.20'

Flow direction: assumed southwesterly from regional flow and neighboring site (8855 San Leandro St., StID # 1413)

Most sensitive current use: commercial/industrial

Are drinking water wells affected? No Aquifer name: NA

Is surface water affected? No Nearest affected SW name: NA

Off-site beneficial use impacts (addresses/locations): NA

Report(s) on file? **Yes** Where is report(s)? Alameda County
1131 Harbor Bay Parkway,
Room 250, Alameda CA 94502-6577

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment of Disposal w/destination)</u>	<u>Date</u>
Tanks & Piping	2-1,000 gallon	Disposed by H&H Shipping, San Francisco	3/31/88
Liquid/water	200 gallon	Disposed to Refinery Services Patterson, CA 95363	3/17/88

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (gasoline)	730	730	8400	ND
Benzene	1.6	1.6	68	ND
Toluene	27	27	48	ND
Ethylbenzene	---	--	--	ND
Xylenes	72	72	5000	ND

Comments (Depth of Remediation, etc.):

see site summary

Leaking Underground Fuel Storage Tank Program

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Undetermined

Does corrective action protect public health for current land use? YES

Site management requirements: A site specific health and safety plan must be provided in the event that excavation/trenching occurs within the area of the former east UST.

Should corrective action be reviewed if land use changes? Yes

Monitoring wells Decommissioned: No

Number Decommissioned: 0

Number Retained: 1

List enforcement actions taken: None

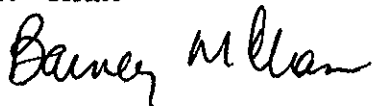
List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M. Chan

Title: Hazardous Materials Specialist

Signature:



Date:

7/14/97

Reviewed by

Name: Tom Peacock

Title: Manager

Signature:



Date:

7-10-97

Name: Eva Chu

Title: Hazardous Materials Specialist

Signature:



Date:

7/14/97

VI. RWQCB NOTIFICATION

Date Submitted to RB:

RB Response:

Approved

RWQCB Staff Name: K. Graves

Title: AWRCE

Date:

7-18-97



Leaking Underground Fuel Storage Tank Program

VII. ADDITIONAL COMMENTS, DATA, ETC.

On March 24, 1988, two 1000 gallon gasoline tanks were removed from this site. One was located on the east side of the site and one on the west. In addition, one 2000 gallon gasoline tank was installed elsewhere on the property. Two soil samples were taken from beneath each end of the USTs. One grab groundwater sample was taken from the water encountered during the removal of the east tank. On April 6, 1988, three soil samples were taken; one beneath the dispenser and two along the approximate 60' piping run. The UST on the west side of the property was inherited from the prior property owner who used the site as a lumber yard. The tank had not been used for a long time.

Analytical results:

3/24/88

UST east side

Grab gw, Water #1: 8.4mg/l TPHg, 0.068, 0.048, 5.0 mg/l BTX

Sample #4, soil, fill end: 4.1 ppm TPHg, ND,ND,ND ppm BTX

Sample #5, soil, gas end: 730 ppm TPHg, 1.6. 27,72 ppm BTX

UST west side

Sample #2, soil, vent end: 4.6 ppm TPHg, ND,ND,0.17 ppm BTX

Sample #3, soil, fill end: 2.3 ppm TPHg, ND,ND,ND ppm BTX

4/6/88 Piping and dispenser samples

Sample #1, soil, 20' from tank: 4.1 ppm TPHg, ND,0.25,ND,0.16 ppm BTXE

Sample #2, soil, 40' from tank: 11 ppm TPHg, 0.12,0.90,1.2,0.41 ppm BTXE

Sample #3, soil, under dispenser: 3.5 ppm TPHg, ND,0.45,ND,ND ppm BTXE

Based upon the above results, no further work regarding the west tank was required.

On September 19,1989, monitoring well, MW-1, was installed approximately 8' from the tank excavation in the assumed downgradient direction. Soil samples were collected from 5', 6.5' and 10'and composited for analysis. The resultant composite exhibited 0.37 ppm TPHg, ND, 0.0069, 0.13,0.057 ppm BTXE, respectively. The monitoring well was developed and a groundwater sample was collected on October 6, 1989. This water sample was ND for TPHg and BTEX.

Groundwater sampling was analyzed three additional times with the following results:

	TPHg	B	E	T	X	conc in ug/l (ppb)
January 24, 1990	340	ND	ND	21	72	
May 16, 1990	ND	ND	ND	0.5	0.8	
August 22, 1990	ND	ND	ND	ND	ND	

Leaking Underground Fuel Storage Tank Program

Site closure is recommended based upon the following conditions consistent with a "low risk groundwater site":

1. Limited soil contamination detected from tank removal;
2. Groundwater monitoring from four consecutive events indicates little to no TPHG or BTEX contamination; and
3. Benzene was not detected in soil or groundwater samples at this site;

STATE WATER RESOURCES CONTROL BOARD
 DIVISION OF WATER QUALITY
 UST CLEANUP PROGRAM

Invoice #: 96-4
 ALAMEDA COUNTY

Page 410 of 475

SITE SPECIFIC INVOICE

sheets for this site: 1

StID : 4482 Source of Funds: F
 Site Name: Alameda Lock & Glass
 Address : 2301 Encinal Ave
 City : Alameda Zip: 94501

Substance: 8006619
 Date First Reported: 05/02/96

>>>> Labor Costs <<<<

Date of Work	Employee	Empl Class	Act Code	Hours Worked	Hour Rate	Indir. Cost	MilesX CurrRt	Total Cost
10/03/96	Shin, Juliet M.	5655	200	0.4	44.66	0.1514	\$0.00	\$20.57
10/03/96	Shin, Juliet M.	5655	215	2.0	44.66	0.1514	\$0.00	\$102.84
10/08/96	Shin, Juliet M.	5655	212	0.2	44.66		\$0.00	\$8.93

This is final invoice for this case: () (Check box)

Submitted by: _____ (initials)

Total this page: \$132.34
 Total this site: \$132.34

FOR STATE BOARD USE

Amount Approved \$ _____
 Line items disallowed _____

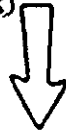
NOTES:

State Bd Approval: _____

SAN LEANDRO STREET

81st AVENUE

GROUNDWATER FLOW



EAST TANK

Samples (4,5) & 1

MW-1

BUILDING

BUILDING

BUILDING

STORM DRAIN

Samples (2,3)

WEST TANK

LEGEND



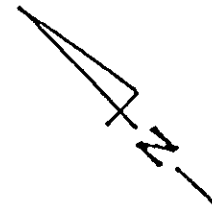
MW-1

APPROXIMATE LOCATION OF GROUNDWATER MONITORING WELL



FORMER 1000 gal GASOLINE TANK

PROPERTY BOUNDARY



NOT TO SCALE



ensco
environmental
services, Inc.

SITE PLAN

MONTEREY MECHANICAL COMPANY

8275 SAN LEANDRO STREET

OAKLAND, CALIFORNIA

REVIEWED BY: APPROVED BY:

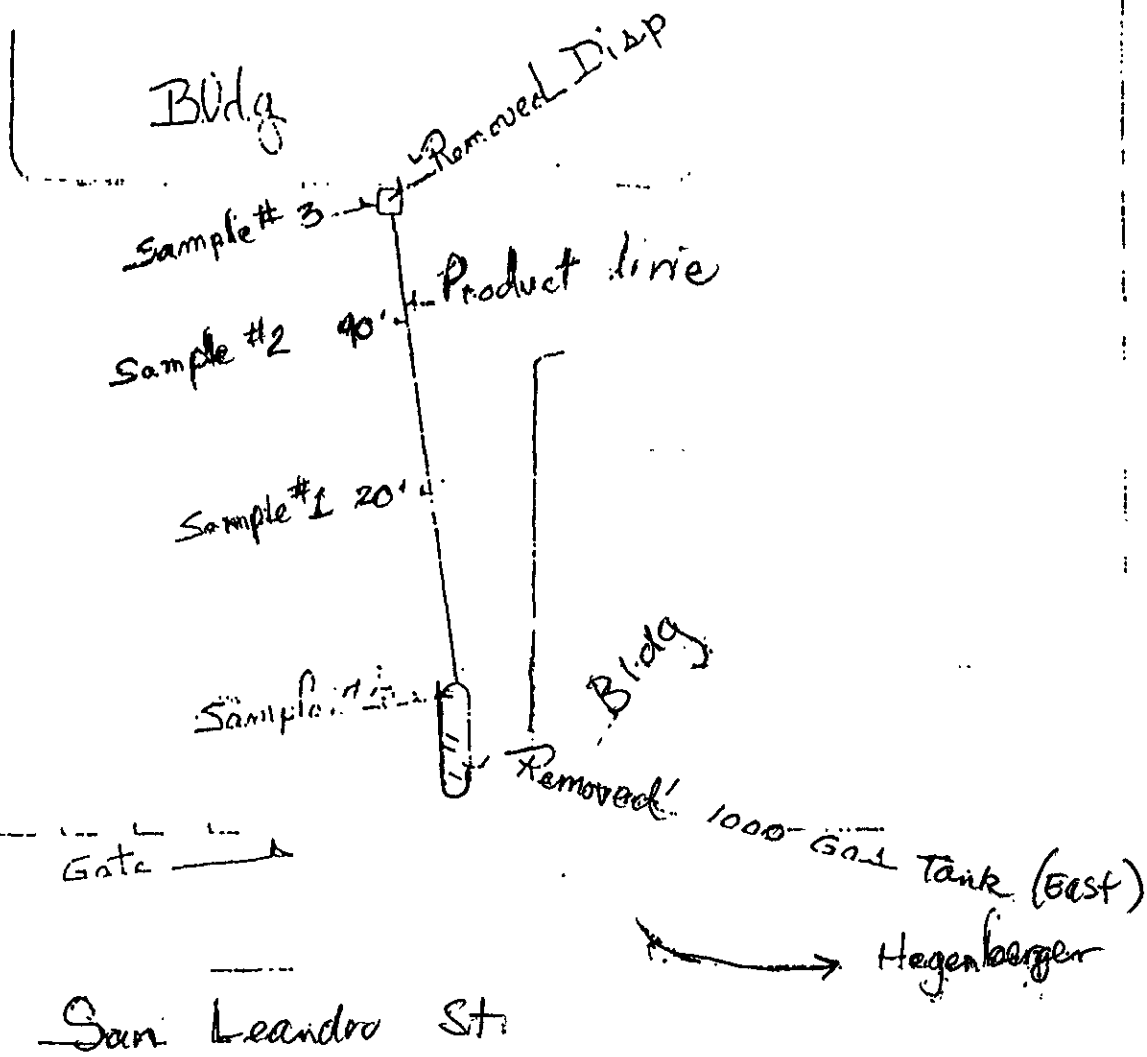
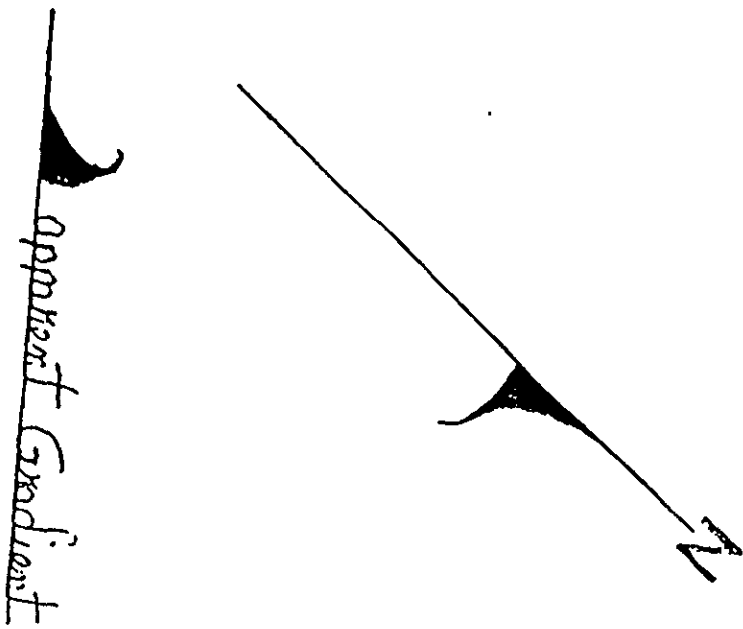
7/18

JOB #:
1731G

DRAWN BY:
SLS

DATE:
9-15-89

DRAWING #:
FIG. 2





ensco
environmental
services, inc.

PROJECT NAME: Monterey Mechanical
8275 San Leandro Street
Oakland, CA

BORING NO. MW-1

DATE DRILLED: 9/19/89

PROJECT NUMBER: 1731G

LOGGED BY: C.V.

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
1				Asphalt 6", Baserock 5", gravelly sand, grading to a Sandy Clay, black (2.5Y 2/0), 5% coarse sand		
2						
3						
4						
5	MW-1-1	12	CH	CLAY; black (2.5Y 2/0), stiff, high plasticity, moist		
6						
7	MW-1-2	14		same as above, dark gray (2.5Y 4/0)		
8		11		same as above, dark gray (5Y 4/1), mottled black (2.5Y 2/0), rootholes		
9		(SP)				
10				same as above, dark grayish brown (2.5Y 4/2)		
10	MW-1-3	12	S M	SILTY SAND, olive brown (2.5Y 4/4), 20% silt, very fine to very coarse sand, trace fine gravel, medium dense, damp to wet		
11						
12		8	CH	CLAY, dark gray (5Y 4/1) mottled with black (2.5Y 2/0) and olive brown (2.5Y 4/4), trace coarse sand, high plasticity, stiff, damp on inside of sample, wet on outside of sample		
13						
14						
15		5	S M	SILTY SAND, dark gray (5Y 4/1), 20-25% silt, very fine to fine sand, loose, upper 4" saturated (flowing), wet below saturated zone		
16		(SP)				
17						
18						
19						
20						
21						

REVIEWED BY R.G./C.E.G.



ensco
environmental
services, Inc.

PROJECT NAME: Monterey Mechanical
8275 San Leandro Street
Oakland, CA

BORING NO. MW-1

DATE DRILLED: 9/19/89

PROJECT NUMBER: 1731G

LOGGED BY: C.V.

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
22						
23						
24						
25						
26		13 (SP)	CL	SILTY CLAY, dark greenish gray (5GY 4/1) , 30 to 35% silt, some very fine to medium sand on outside of sample, stiff, damp on inside of sample, wet on outside of sample		
27						
28				Bottom of Boring = 25 feet		
29						
30				Note: (SP) Standard Penetration Sampler		
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						

REVIEWED BY R.G./C.E.G.

DATE: 10/4/89

LOG NO.: 7861

DATE SAMPLED: 9/19/89

DATE RECEIVED: 9/20/89

CUSTOMER: ENSCO Environmental Services Inc.

REQUESTER: Cyndi Virostko

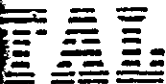
PROJECT: No. 17316, Monterey Mechanical

<u>Method and Constituent</u>	<u>Units</u>	<u>Sample Type: Soil</u>	
		<u>Concentration</u>	<u>Detection Limit</u>
Composite of MW-1-1, MW-1-2, MW-1-3			
DHS Method:			
Total Petroleum Hydrocarbons as Gasoline	ug/kg	370	100
Modified EPA Method 8020:			
Benzene	ug/kg	< 7	7
Toluene	ug/kg	6.9	6
Xylenes	ug/kg	130	20
Ethyl Benzene	ug/kg	57	8

Dan Farah

Dan Farah, Ph.D.
Supervisory Chemist

DF:sam



DATE: 10/16/89

LOG NO.: 7922

DATE SAMPLED: 10/6/89

DATE RECEIVED: 10/9/89

CUSTOMER: ENSCO Environmental Services, Inc.

REQUESTER: Cyndi Virostko

PROJECT: No. 1731G, Monterey Mechanical.

Sample Type: Water

<u>Method and Constituent</u>	<u>Units</u>	<u>MW-1</u>	
		<u>Concen- tration</u>	<u>Detection Limit</u>
DHS Method:			
Total Petroleum Hydro- carbons as Gasoline	ug/l	< 2	2
Modified EPA Method 8020:			
Benzene	ug/l	< 0.1	0.1
Toluene	ug/l	< 0.2	0.2
Xylenes	ug/l	< 0.4	0.4
Ethyl Benzene	ug/l	< 0.1	0.1

Stephen D. Boyle
Supervisory Chemist

Testing and Technology
25 L Commercial Blvd.
Novato, CA 94949

January 24, 1990
PACE Project
Number: 400111501

Attn: Mr. Don Semeski

011002

PACE Sample Number: 703370
Date Collected: 01/10/90
Date Received: 01/11/90
Parameter Units MDL MW-1


ORGANIC ANALYSIS

PURGEABLE FUELS AND AROMATICS
TOTAL FUEL HYDROCARBONS, (LIGHT):
Purgeable Fuels, as Gasoline (EPA 8015) ug/L 50 340
PURGEABLE AROMATICS (BTXE BY EPA 8020):
Benzene ug/L 0.5 ND
Ethylbenzene ug/L 0.5 ND
Toluene ug/L 0.5 21

Xylenes, Total ug/L 0.5 72

MDL Method Detection Limit
ND Not detected at or above the MDL.

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my direct supervision.


Douglas E. Oram, Ph.D.
Organic Chemistry Manager



REPORT OF LABORATORY ANALYSIS

Testing and Technology
27 B Commercial Blvd.
Novato, CA 94949

May 31, 1990
PACE Project
Number: 400516503

Attn: Mr. Don Semaski

Mont Mech

PACE Sample Number:

752480

Date Collected:

05/16/90

Date Received:

05/16/90

Parameter

Units

MDL

Voas MW#1

ORGANIC ANALYSIS

PURGEABLE FUELS AND AROMATICS

TOTAL FUEL HYDROCARBONS, (LIGHT):

Purgeable Fuels, as Gasoline (EPA 8015)	ug/L	50	-	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):				
Benzene	ug/L	0.5	-	ND
Ethylbenzene	ug/L	0.5	-	ND
Toluene	ug/L	0.5	0.5	
Xylenes, Total	ug/L	0.5	0.5	0.8

MDL Method Detection Limit
ND Not detected at or above the MDL.

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my supervision.

Ruth J. Siegmund
Organic Chemistry Manager

Client Acct: 709
Client Name: Testing & Technology
NET Log No: 3500

Date: 09-05-90
Page: 2

Ref: Monterey Mechanical

SAMPLE DESCRIPTION: MW1 Oakland 08-22-90 1230
LAB Job No: (-61183)

Parameter	Method	Reporting Limit	Results	Units
PETROLEUM HYDROCARBONS			--	
VOLATILE (WATER)			--	
DILUTION FACTOR *			1	
DATE ANALYZED			09-04-90	
METHOD GC FID/5030			--	
as Gasoline		0.05	ND	mg/L
METHOD 602			--	
DILUTION FACTOR *			1	
DATE ANALYZED			09-04-90	
Benzene		0.5	ND	ug/L
Ethylbenzene		0.5	ND	ug/L
Toluene		0.5	ND	ug/L
Xylenes, total		0.5	ND	ug/L