

**Trace Analysis Laboratory, Inc.**

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (415) 783-6960  
Facsimile (415) 763-1512



LOG NO.: 9038  
DATE SAMPLED: 8/20/90  
DATE RECEIVED: 8/20/90  
DATE EXTRACTED: 8/27/90  
DATE ANALYZED: 8/28/90  
DATE REPORTED: 9/05/90

CUSTOMER: J and M, Inc.  
REQUESTER: Leo New  
PROJECT: J and M, Inc., 3826 Depot Road, Hayward

Sample Type: Water

Method and Constituent	Units	No. 1	
		Concentration	Detection Limit
DHS Method: Total Petroleum Hydrocarbons as Diesel	ug/l	8,100	50



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Sample Type: Water

<u>Method and Constituent</u>	<u>Units</u>	<u>No. 1</u>	
		<u>Concen- tration</u>	<u>Detection Limit</u>
Modified EPA Method 8020:			
Benzene	ug/l	4.7	0.5
Toluene	ug/l	9.1	2
Xylenes	ug/l	22	2
Ethylbenzene	ug/l	6.0	0.5



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Sample Type: Soil

Method and Constituent	No. 2		No. 3		No. 4		
	Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit	
DHS Method: Total Petroleum Hydrocarbons as Diesel	ug/kg	< 3,000	3,000	< 3,000	3,000	110,000	3,000

Sample Type: Soil

Method and Constituent	No. 5		Composite of: No. 6, No. 7, No. 8		Composite of: No. 9, No. 10, No. 11		
	Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit	
DHS Method: Total Petroleum Hydrocarbons as Diesel	ug/kg	< 3,000	3,000	230,000	3,000	190,000	3,000



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Sample Type: Soil

<u>Method and Constituent</u>	<u>Units</u>	<u>No. 12</u>	
		<u>Concentration</u>	<u>Detection Limit</u>
DHS Method: Total Petroleum Hydrocarbons as Diesel	ug/kg	110,000	3,000



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 DATE REPORTED: 9/05/90  
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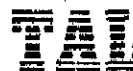
Sample Type: Soil

Method and Constituent	Units	No. 2		No. 3		No. 4	
		Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit
Modified EPA Method 8020:							
Benzene	ug/kg	< 50	50	< 50	50	< 700	700
Toluene	ug/kg	< 50	50	< 50	50	6,200	800
Xylenes	ug/kg	< 200	200	< 200	200	4,700	3,000
Ethylbenzene	ug/kg	< 50	50	< 50	50	1,300	900

Sample Type: Soil

Method and Constituent	Units	No. 5		Composite of: No. 6, No. 7, No. 8		Composite of: No. 9, No. 10, No. 11	
		Concentration	Detection Limit	Concentration	Detection Limit	Concentration	Detection Limit
Modified EPA Method 8020:							
Benzene	ug/kg	< 50	50	< 50	50	< 50	50
Toluene	ug/kg	< 50	50	210	50	< 50	50
Xylenes	ug/kg	< 200	200	1,200	200	< 200	200
Ethylbenzene	ug/kg	< 50	50	130	50	< 50	50

*Detection limits are high.*



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Sample Type: Soil

Method and Constituent	Units	No. 12	
		Concen- tration	Detection Limit
Modified EPA Method 8020:			
Benzene	ug/kg	< 50	50
Toluene	ug/kg	< 50	50
Xylenes	ug/kg	< 200	200
Ethylbenzene	ug/kg	< 50	50

*Louis W. DuPuis*

Louis W. DuPuis  
 Quality Assurance/Quality Control Manager



Trace Analysis Laboratory, Inc.

J and M  
3826 Depot Road  
Hayward, CA



DEPOT ROAD

Fence +-----+

Driveway

4,000 Gallon  
Diesel

7,000 Gallon  
Diesel

#2 Soil

#3 Soil

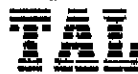
#1 Water

#4 soil

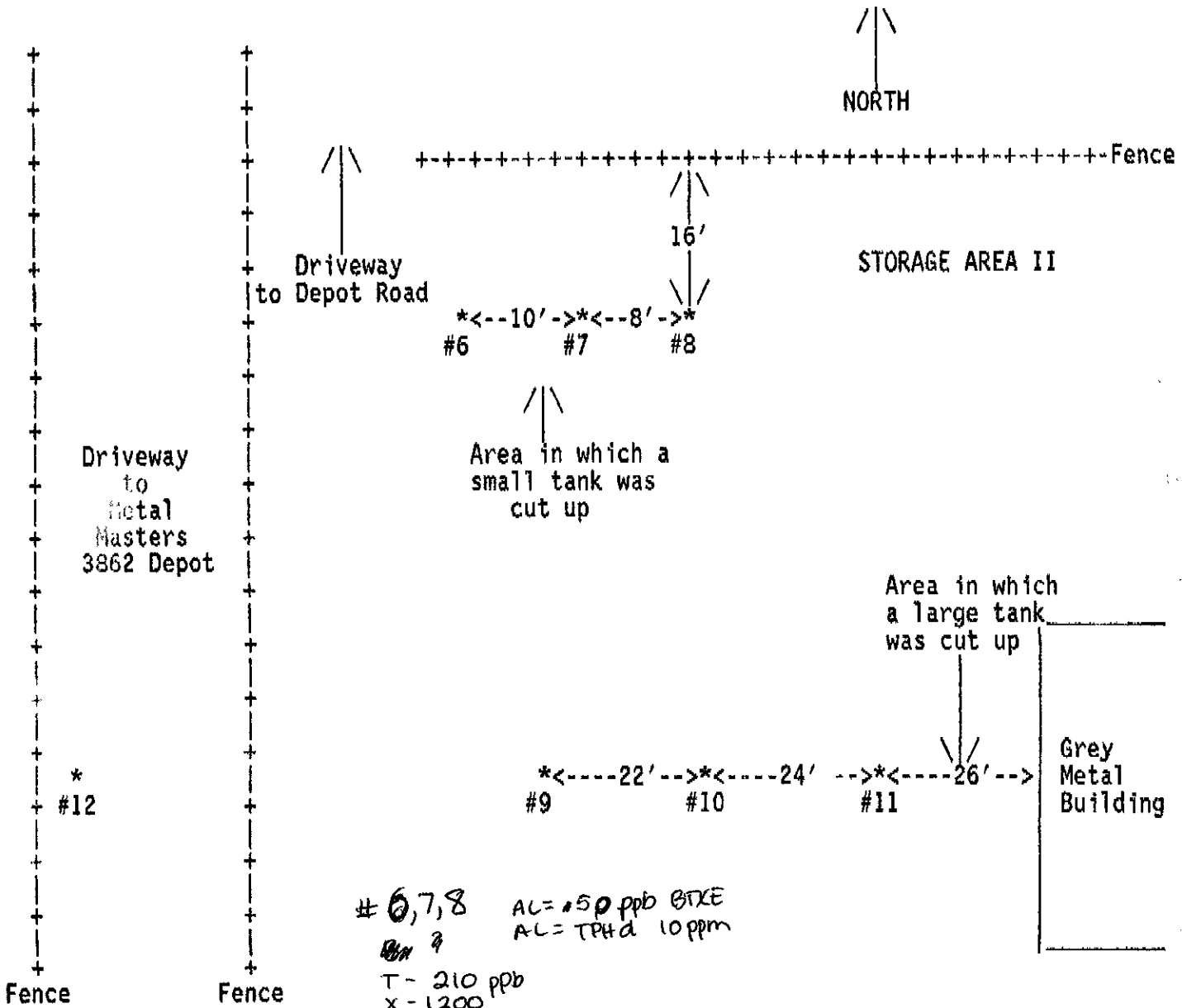
#5 Soil

#1 - Water AL = .5 ppb for BTXE  
 B - 4.7 AL = 50 ppb for diesel TPH  
 T - 9.1  
 X - 22.8  
 E - 6.0  
 TPHd - 8,100 ppb

#4 - Soil AL = 5.0 ppb for BTXE  
 B - ? AL = 100 ppm  
 T - 6,200 ppb  
 X - 4,700  
 E - 1,300  
 TPHg = 110 ppm



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# 6, 7, 8  
 AC = 50 ppb BTXE  
 AC = TPHd 10 ppm  
 T - 210 ppb  
 X - 1200  
 E - 130  
 TPHd = 230 ppm

# 9, 10, 11  
 TPHd = 190 ppm

# 12  
 TPHd = 110 ppm



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CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME				NO. OF CONTAINERS	LABORATORY	CASE NO.
		3826 Dep + Road Hayward						
SAMPLERS: (Signature)		STATION LOCATION						
Louis D. Patis		Louis D. Patis, Trace Analysis				reg TAT		
STA. NO.	DATE	TIME	CONC.	GRAB	STATION LOCATION			
No. 1	9/20	11:37 am	X	X	water	2-40ml 1-LITE	X	X
No. 2		11:44 am	X	X	soil 3" deep	1-BT	X	X
No. 3		11:46 am	X	X	soil 3" deep	1-BT	X	X
No. 4		12:02 pm	X	X	soil 3" deep	1-BT	X	X
No. 5		12:05 pm	X	X	soil 3" deep	1-BT	X	X
No. 6		12:36 pm	X	X	soil 4" deep	1-BT	X	X
No. 7		12:20 pm	X	X	↓	1-BT	X	X
No. 8		12:18 pm	X	X	↓	1-BT	X	X
9		12:28 pm	X	X	↓	1-BT	X	X
10		12:30 pm	X	X	↓	1-BT	X	X
11		12:33 pm	X	X	↓	1-BT	X	X
12		12:44 pm	X	X	↓	1-BT	X	X
1998								
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Date / Time	Received by: (Signature)		Date / Time
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Date / Time	Received by: (Signature)		Date / Time
Relinquished by: (Signature)		Date / Time	Received for Laboratory by: (Signature)		Date / Time	Remarks		
						LEO NEW J. McC		

LABORATORY

Green  
 - 1 BT, ice  
 Y-8  
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