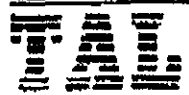


JUL 28 89 11708 F. R. DIVINE ASSOC.

06/28/1989 16:14 HERTLEIN ELECTRIC, INC. 415 887 0614 P.01

Trace Analysis Laboratory, Inc. 3423 Investment Boulevard, #8 • Hayward, California 94545 (415) 783-6960

154-9581



DATE: 6/10/87
LOG NO.: 4790
DATE RECEIVED: 5/20/87

CUSTOMER: Hertlein Electric Inc.
REQUESTER: Henry Hertlein
PROJECT: Soil and Water Analysis Received 5/20/87

Sample Type: Soil

Method and Constituent	Units	Detection Limit	Soil
			Concentration
Modified EPA Method 8015:			
Volatile Hydrocarbons	mg/kg	5	< 5

(V. EXCAVATION)

SOIL FROM BOTTOM of 11' HOLE AFTER DEWATER

Soil Sample Analysis, Gasoline, BTX & E (8020, TPH Light)

<u>Sample Description</u>	<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
B-1/MW-1 @ 3-feet 8/26/88 16:40	Petroleum			
	Hydrocarbons	10.0	ND	ppm
	Benzene	2.5	ND	ppb
	Toluene	2.5	13	ppb
	Xylenes	2.5	ND	ppb
	Ethyl Benzene	3.0	ND	ppb
B-1/MW-1 @ 6-feet 8/26/88 16:40	Petroleum			
	Hydrocarbons	10.0	ND	ppm
	Benzene	2.5	ND	ppb
	Toluene	2.5	ND	ppb
	Xylenes	2.5	ND	ppb
	Ethyl Benzene	3.0	ND	ppb
B-1/MW-1 @ 8-feet 8/26/88 16:40	Petroleum			
	Hydrocarbons	10.0	71,000 ?	ppm
	Benzene	2.5	1,200	ppb
	Toluene	2.5	2,900	ppb
	Xylenes	2.5	7,200	ppb
	Ethyl Benzene	3.0	3,900	ppb
B-8/MW-2 @ 10.5-feet 8/26/88 8:11	Petroleum			
	Hydrocarbons	10.0	ND	ppm
	Benzene	0.5	ND	ppb
	Toluene	0.5	ND	ppb
	Xylenes	0.6	ND	ppb
	Ethyl Benzene	0.6	ND	ppb
B-9/MW-3 @ 11-feet 8/26/88 8:11	Petroleum			
	Hydrocarbons	10.0	ND	ppm
	Benzene	0.5	ND	ppb
	Toluene	0.5	ND	ppb
	Xylenes	0.6	ND	ppb
	Ethyl Benzene	0.6	ND	ppb

Water Sample Analysis, Gasoline, BTX & E (602, TPH Light)

<u>Sample Description</u>	<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
	Petroleum			
B-1/MW-1	Hydrocarbons	0.05	52	ppm
9/2/88	Benzene	0.5	420	ppb
14:00	Toluene	0.5	440	ppb
	Xylenes	0.6	3,300-	ppb
	Ethyl Benzene	0.6	610	ppb
	Petroleum			
B-8/MW-2	Hydrocarbons	0.5	ND	ppm
9/28/88	Benzene	0.5	1.1	ppb
13:00	Toluene	0.5	ND	ppb
	Xylenes	1.5	1.9	ppb
	Ethyl Benzene	1.5	ND	ppb
	Petroleum			
B-9/MW-3	Hydrocarbons	0.5	ND	ppm
9/28/88	Benzene	0.5	ND	ppb
13:00	Toluene	0.5	ND	ppb
	Xylenes	1.5	ND	ppb
	Ethyl Benzene	1.5	ND	ppb



<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
SAMPLE DESCRIPTION: Boring 8 LAB NO.: (-16110)	09-28-88	1300	
PETROLEUM HYDROCARBONS Volatile, as Gasoline dil/conc factor HSHC	0.05	ND .	mg/L
Benzene	0.0005	0.0011	mg/L
Ethylbenzene	0.0015	ND	mg/L
Toluene	0.0005	ND	mg/L
Xylenes, total	0.0015	0.0019	mg/L
SAMPLE DESCRIPTION: Boring 9 LAB NO.: (-16111)	09-28-88	1300	

<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
PETROLEUM HYDROCARBONS Volatile, as Gasoline dil/conc factor HSHC	0.05	ND .	mg/L
Benzene	0.0005	ND	mg/L
Ethylbenzene	.0015	ND	mg/L
Toluene	0.0005	ND	mg/L
Xylenes, total	.0015	ND	mg/L



SAMPLE DESCRIPTION: MW-1 9-2-88 1401-1411
LAB NO.: (-14800)

<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
PETROLEUM HYDROCARBONS			
Volatile, as Gasoline	0.05	52	mg/L
PURGEABLE AROMATICS (602)			
Benzene	0.50	420	ug/L
Ethyl benzene	0.60	610	ug/L
Toluene	0.50	440	ug/L
Xylenes, total	0.60	3,300	ug/L



SAMPLE DESCRIPTION: B-1 @ 3 FT 08-26-88
LAB NO.: (-14375)

<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
PETROLEUM HYDROCARBONS			
Volatile, as Gasoline	10	ND	mg/Kg
PURGEABLE AROMATICS (8020)			
Benzene	2.5	ND	ug/Kg
Ethyl benzene	3.0	ND	ug/Kg
Toluene	2.5	13	ug/Kg
Xylenes, total	2.5	ND	ug/Kg

SAMPLE DESCRIPTION: B-1 @ 6 ft 08-26-88
LAB NO.: (-14376)

<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
PETROLEUM HYDROCARBONS			
Volatile, as Gasoline	10	ND	mg/Kg
PURGEABLE AROMATICS (8020)			
Benzene	2.5	ND	ug/Kg
Ethyl benzene	3.0	ND	ug/Kg
Toluene	2.5	ND	ug/Kg
Xylenes, total	2.5	ND	ug/Kg

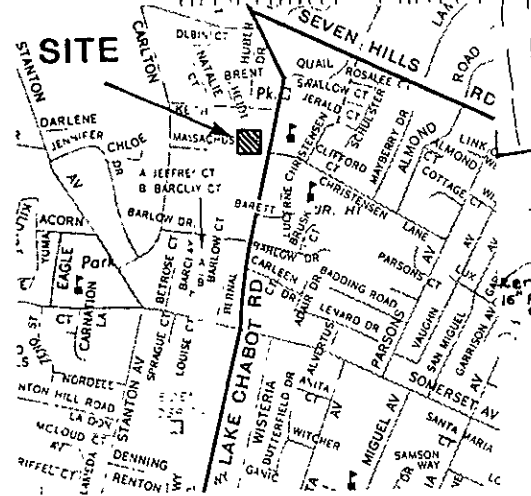
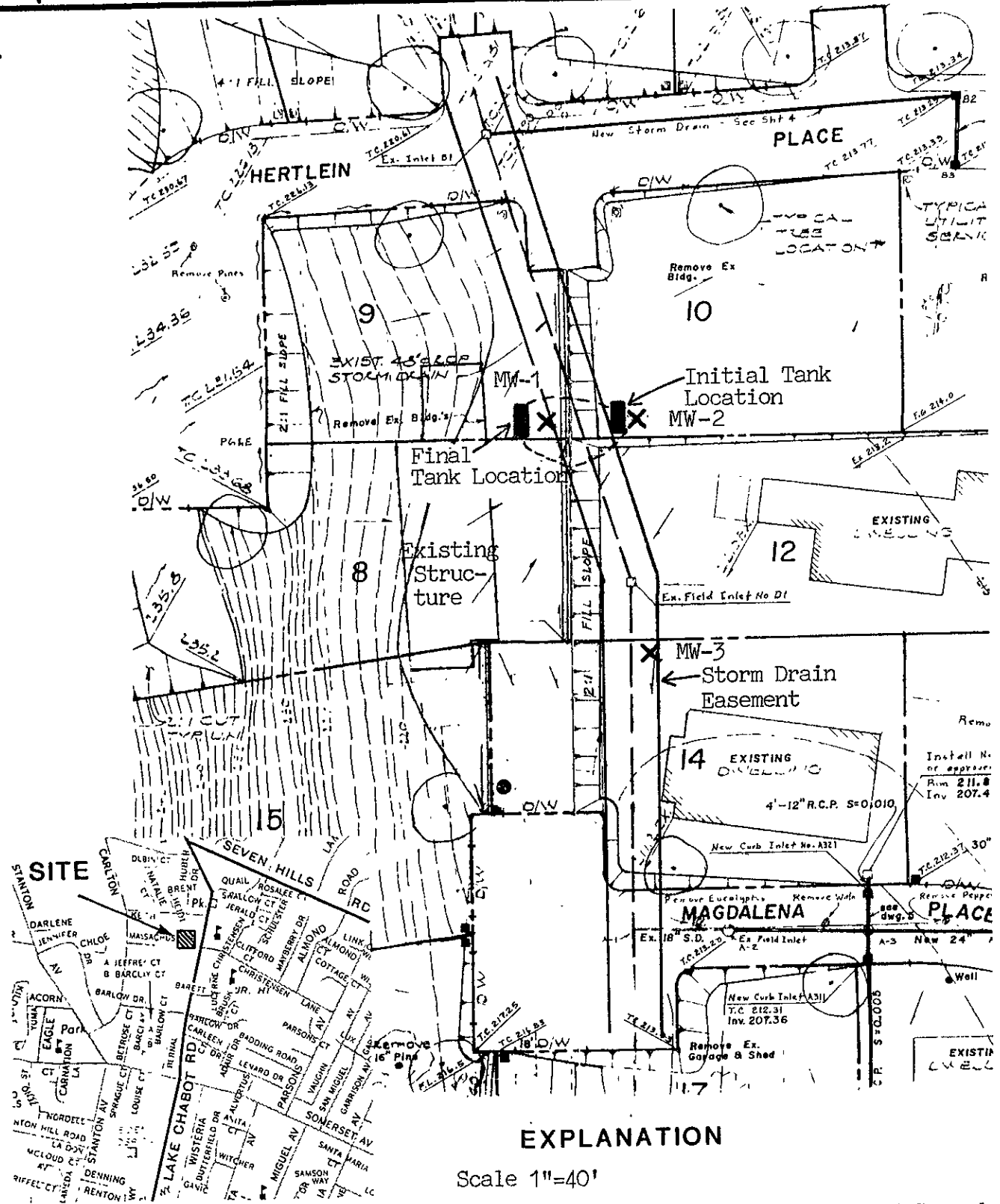


SAMPLE DESCRIPTION: 8 @ 10.5ft 09-26-88
LAB NO.: (-15881)

<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
PETROLEUM HYDROCARBONS Volatile, as Gasoline	10	ND	mg/Kg
PURGEABLE AROMATICS (8020)			
Benzene	0.5	ND	ug/Kg
Ethyl benzene	0.6	ND	ug/Kg
Toluene	0.5	ND	ug/Kg
Xylenes, total	0.6	ND	ug/Kg

SAMPLE DESCRIPTION: 9 @ 11ft 09-26-88
LAB NO.: (-15882)

<u>Parameter</u>	<u>Reporting Limit</u>	<u>Results</u>	<u>Units</u>
PETROLEUM HYDROCARBONS Volatile, as Gasoline	10	ND	mg/Kg
PURGEABLE AROMATICS (8020)			
Benzene	0.5	ND	ug/Kg
Ethyl benzene	0.6	ND	ug/Kg
Toluene	0.5	ND	ug/Kg
Xylenes, total	0.6	ND	ug/Kg



EXPLANATION

Scale 1"=40'

- Approximate Limits of Soil and Groundwater Contamination
- █ Former Tank Location
- Domestic Well
- ✕ Monitoring Well, Test Boring

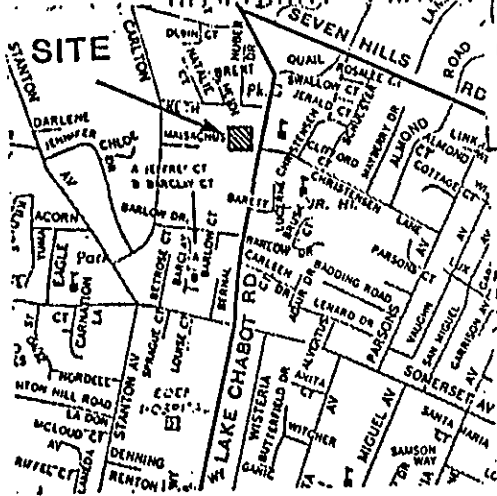
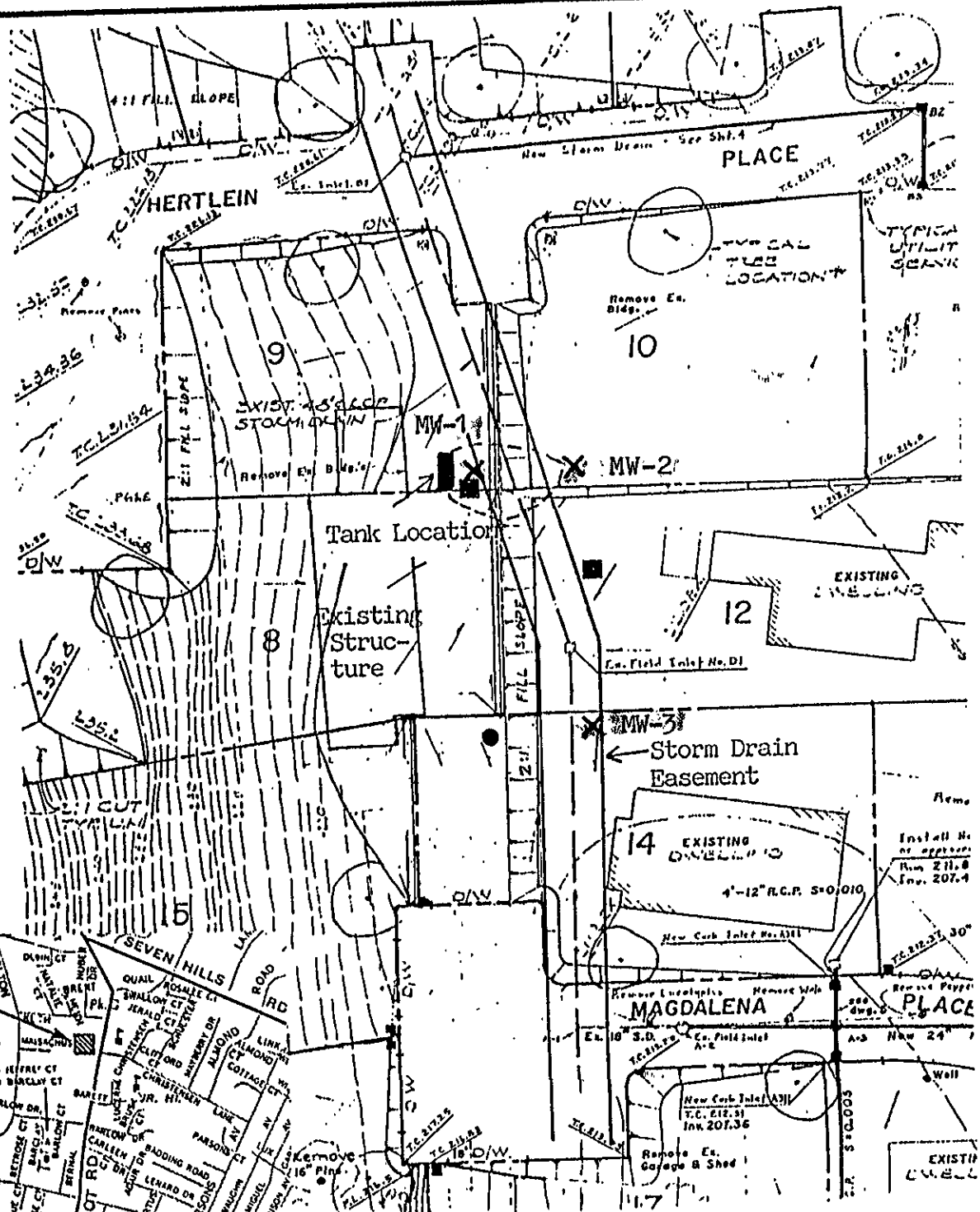
VICINITY MAP

JCH
JOHN C. HOM
 & ASSOCIATES, INC.
 Geotechnical Consultants

Job No: 128.12
 Appr: _____
 Date: 12/88

Test Boring and Monitoring Well
 Location Plan
 19051 Lake Chabot Road
 Castro Valley, California

PLATE
1



EXPLANATION

Scale 1"=40'

- Approximate Limits of Soil and Groundwater Contamination
- █ Former Tank Location
- Domestic Well
- ✕ Monitoring Well
- Test Boring

VICINITY MAP

JCH
JOHN C. HOM
 & ASSOCIATES, INC.
 Geotechnical Consultants

Job No:
650.1
 Appr:
JCH
 Date: 10/89

Test Boring and Monitoring Well
 Location Plan
 19051 Lake Chabot Road
 Castro Valley, California

PLATE
1