



Environmental and Geologic Services

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TRANSMITTAL

DATE: 1/07/97

TO: SUSAN HUGO

COMPANY: ALAMEDA COUNTY DEPT OF ENVIRONMENTAL HEALTH

FROM: TOM FOJUT

PROJECT #: 149-1262-01

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ENCLOSED PLEASE FIND: RECENT QM RESULTS DAYS INN - EMERYVILLE

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# of pages: 4 (including this cover)

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FOR:

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- Your review & comments

Please call (510) 450-6000 if there are any problems with transmission.

COMMENTS:

Susan:

Here are the data you requested.

Tom Fojut

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## Vonder Haar Hydrogeology

Table 1. GROUNDWATER ELEVATIONS, DECEMBER 19, 1996

\*\*\*\*\*

Well	Depth to Water From Top of Casing (ft)	Groundwater Elevation (ft)*
MW-1	6.88	1.51
MW-2	5.73	3.07
MW-3	5.14	4.35
MW-4	6.35	1.61
MW-5	6.47	3.57
MW-6	6.08	2.97

Note: \* = relative to mean sea level (MSL); casing elevation data from Law/Crandall (1996).

#### 4.2. Chemical Analyses

The groundwater sample was analyzed at Curtis & Thompkins, a State certified analytical laboratory, for the following:

Diesel Range Extractable Petroleum Hydrocarbons (TPH<sub>d</sub> = TEH<sub>d</sub>) by California Luft Method (EPA 8015M).

Motor Oil Range Extractable Petroleum Hydrocarbons (TPH<sub>mo</sub> = TEH<sub>mo</sub>) by California Luft Method (EPA 8015M).

Benzene, toluene, ethylbenzene, and total xylenes (BTEX): by EPA Method 8020.

Semi-volatiles, PAH by EPA Method 8270.

Total Dissolved Solids (TDS) by EPA 160.1

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Table 2. ANALYTICAL RESULTS  
GROUNDWATER FROM WELLS MW-1 through MW-6  
December 19, 1996

\*\*\*\*\*

Sample	TPHd in ug/L	TPHmo in ug/L	BTEX** in ug/L	PAH in ug/L	TDS in mg/L
MW-1	1700 YH	1100 YL	ND <0.5	see ***	7210
MW-2	1600 YH	1800 YL	ND <0.5	ND <9.4	1000
MW-3	1000 YH	1300 YL	ND <0.5	ND <9.4	1870
MW-4	130 YH	360 YL	ND <0.5	ND <9.4	3960
MW-5	770 YH	1800 YL	ND <0.5	ND <9.4	1100
MW-6	490 YH	650 YL	ND <0.5	ND <9.4	2080

Note: \*\* Each of the BTEX compounds was individually ND (not detected) at less than 0.5 ug/L for groundwater.

\*\*\* The following were detected: acenaphthene = 93 ug/L, fluorene = 12 ug/L, phenanthrene = 41 ug/L, fluoranthene = 12 ug/L, and pyrene = 12 ug/L.

YH = laboratory comment that the samples exhibited a fuel pattern that does not resemble the diesel standard, and that heavier hydrocarbons were present than in the diesel standard.

YL = laboratory comment that the samples exhibited a fuel pattern that does not resemble the motor oil standard, and that lighter hydrocarbons were present than in the motor oil standard.

ug/L = micrograms per liter  
mg/L = milligrams per liter

Samples were analyzed on rush turnaround.  
Analytical Data Sheets and Chain of Custody Forms are attached as Appendix B.

# Vonder Haar Hydrogeology

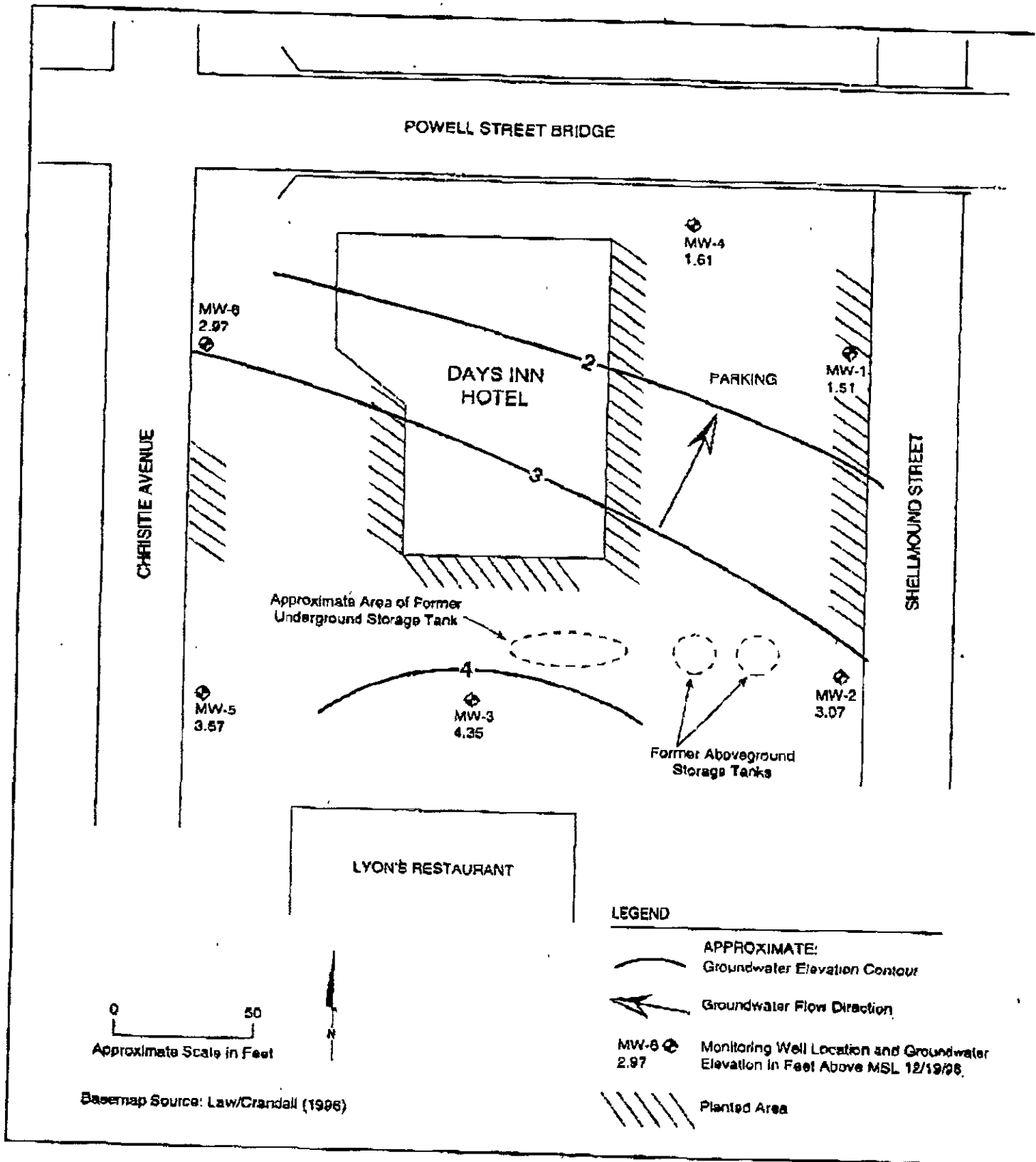


Figure 1. Site Map; Days Inn Hotel, 1603 Powell St., Emeryville, Ca