

HAGEMAN-SCHANK, INC.

Underground Contamination Investigations

3732 Mt. Diablo Blvd. Suite 372
Lafayette, California 94549
(415) 284-1661
FAX (415) 284-1664

June 20, 1990
Ref: J2087

Alameda County Health Care Services
Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Room 200
Oakland, CA 94621

Attention: Mr. Scott Seery, Hazardous Materials Division

Subject: Adobe Plaza Shopping Center
3098 Castro Valley Blvd.
Castro Valley, CA
QUARTERLY REPORT - GROUNDWATER MONITORING WELLS

Dear Mr. Seery:

Please find enclosed all technical data and laboratory analysis on water samples taken at the subject site.

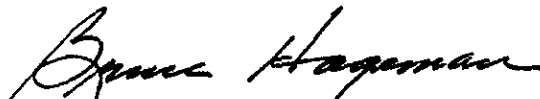
As you can see all water samples are reported as non-detected for total petroleum hydrocarbons, benzene, ethylbenzene, toluene and xylenes.

The next quarterly report will be submitted to your office in September 1990, with your approval.

Should you have any questions regarding this report please call our office (415) 284-1661 and we will be happy to discuss them with you.

Sincerely,

HAGEMAN-SCHANK, INC.

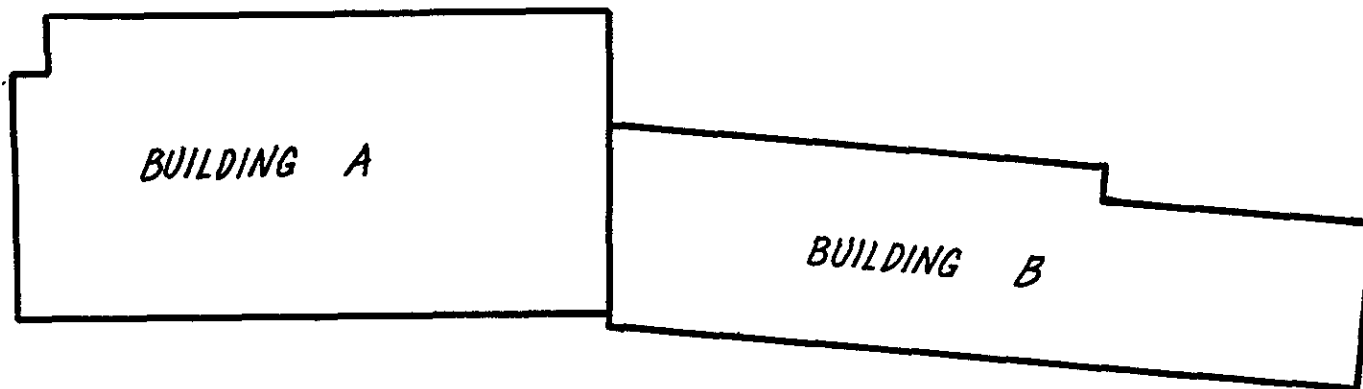


Bruce Hageman

cc: Mr. Cliff Sherwood, Adobe Associates

**TABLE 1. Shallow Water Table Elevations.
Adobe Plaza, Castro Valley
(June 8, 1990)**

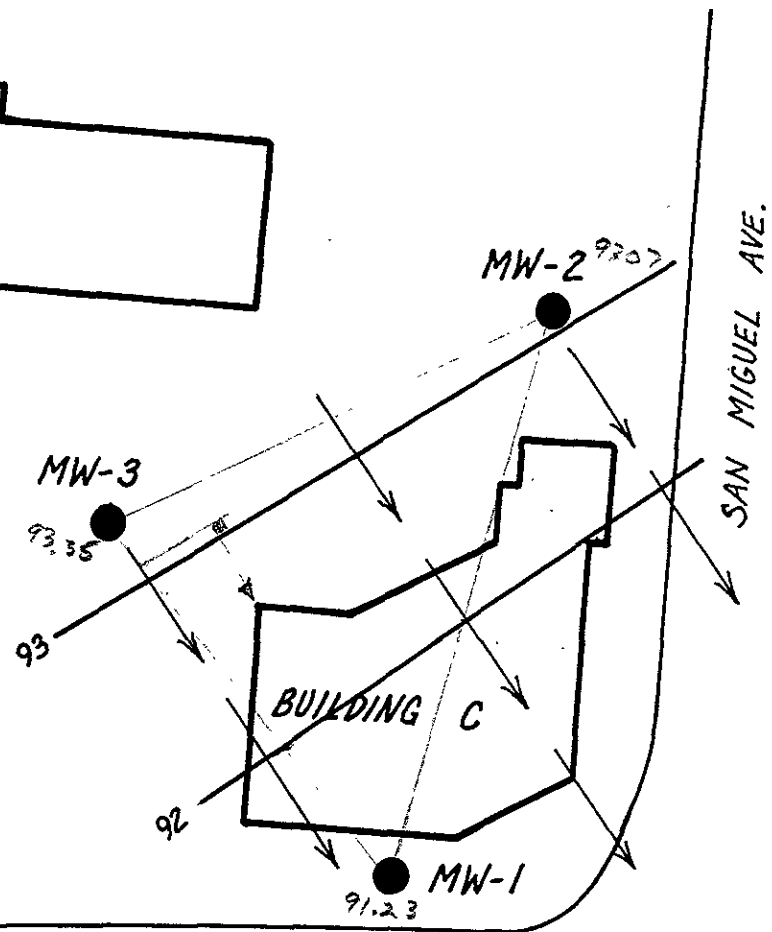
Well	Top of Casing Elevation (feet)	Depth to Water (feet)	Water Table Elevation (feet)
MW-1	99.73	8.50	91.23
MW-2	100.00	6.93	93.07
MW-3	99.76	6.41	93.35



$$\frac{\Delta EI (H-W)}{\Delta EI (H-L)} = \frac{X}{Dist + H-L}$$

$$(0.132)(142.5) = X$$

$$18.8 = X$$



CASTRO VALLEY BLVD

FIGURE 1.
Potentiometric Surface of
Shallow Groundwater (June 8, 1990)

**TABLE 2. Shallow Groundwater Sampling Results.
Adobe Plaza, Castro Valley**

Well	Date	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl- Benzene (ug/L)	Xylenes (ug/L)
1	8-22-89	ND	0.5	1.2	ND	3.1
	5-24-90	ND	ND	ND	ND	ND
2	8-22-89	110	5.3	ND	ND	ND
	9-06-89	ND	ND	ND	ND	ND
	5-24-90	ND	ND	ND	ND	ND
3	8-22-89	ND	ND	ND	ND	ND
	6-08-90	ND	ND	ND	ND	ND
DETECTION LIMIT (ug/L)		50	0.3	0.3	0.3	0.6

Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

PHONE (415) 222-3002

FAX (415) 222-1251

CERTIFICATE OF ANALYSIS

State License No. 211

Received: 05/25/90

Reported: 06/04/90

Job No #: 71585

Attn: Gary Aguiar
Hageman - Schank, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA. 94549

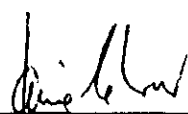
Project: Adobe Plaza
Matrix: Water

Total Petroleum Hydrocarbon Analysis:
EPA Method 5030
ug/l

Lab ID	Client ID	Gasoline	MDL
71585-1	MW - 1	ND<50	50
71585-2	MW - 2	ND<50	50

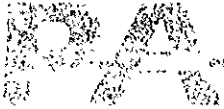
QA/QC: Spike Recovery for Gasoline: 99%

MDL: Method detection limit; Compound below this level would not be detected.



Jaime Chow
Laboratory Director

JC/dc



Precision Analytical Laboratory, Inc.

4136 LAKESIDE DRIVE, RICHMOND, CA 94806

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CERTIFICATE OF ANALYSIS

State License No. 211

Received: 06/11/90
Reported: 06/15/90
Job No #: 71623

Attn: Gary Aguiar
Hageman-Schank, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, Ca. 94549

Project: Adobe Plaza
Matrix: Water

Total Petroleum Hydrocarbon Analysis
EPA Method 5030
ug/l

Lab ID	Client ID	Gasoline	MDL
71623-1	MW-3	ND<50	50

QA/QC: Spike Recovery for Gasoline: 92%

MDL: Method detection limit; Compound below this level would not be detected.

Jaime Chow
Laboratory Director

JC/dc

Precision Analytical Laboratory, Inc.

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CERTIFICATE OF ANALYSIS

State License No. 211

Received: 05/25/90

Reported: 06/04/90

Job No #: 71585

Attn: Gary Aguiar
Hageman - Schank, Inc.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA. 94549

Project: Adobe Plaza
Matrix: Water


Aromatic Volatile Hydrocarbon Analysis:
EPA Method 8020
ug/l

Lab ID	Client ID	Benzene	MDL	Toluene	MDL
71585-1	MW - 1	ND<0.3	0.3	ND<0.3	0.3
71585-2	MW - 2	ND<0.3	0.3	ND<0.3	0.3

Lab ID	Client ID	Ethyl- benzene	MDL	Xylene	MDL
71585-1	MW - 1	ND<0.3	0.3	ND<0.6	0.6
71585-2	MW - 2	ND<0.3	0.3	ND<0.6	0.6

QA/QC: Spike Recovery for Benzene: 84%
Spike Recovery for Toluene: 78%
Spike Recovery for O-Xylene: 77%

MDL: Method detection limit; Compound below this level would not be detected.



Jaime Chow
Laboratory Director

JC/dc