HAGEMAN-AGUIAR, INC.
Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

September 26, 1994

REPORT OF
QUARTERLY GROUNDWATER SAMPLING

SH

GRANHOLT SHEET METAL
501 San Pablo Avenue
Albany, CA

On September 13, 1994, the one on-site monitoring well was sampled for the laboratory analysis for dissolved petroleum constituents. The location of the site is shown in Figure 1 (site location map).

Monitoring Well Sampling and Laboratory Analysis

On September 13, 1994, the one on-site well was purged, and groundwater samples were subsequently collected. The location of the monitoring well is shown in Figure 2 (site map). Prior to groundwater sampling, the well was purged by bailing several casing volumes of water. Field conductivity, temperature, and pH parameters were recorded during the purging process. As the well purging proceeded, the three parameters were monitored. Purging continued until readings appeared to have reasonably stabilized. After the water level in the well had attained 80% or more of the original static water level, a groundwater sample was collected using a clean teflon bailer. The water sample was placed inside

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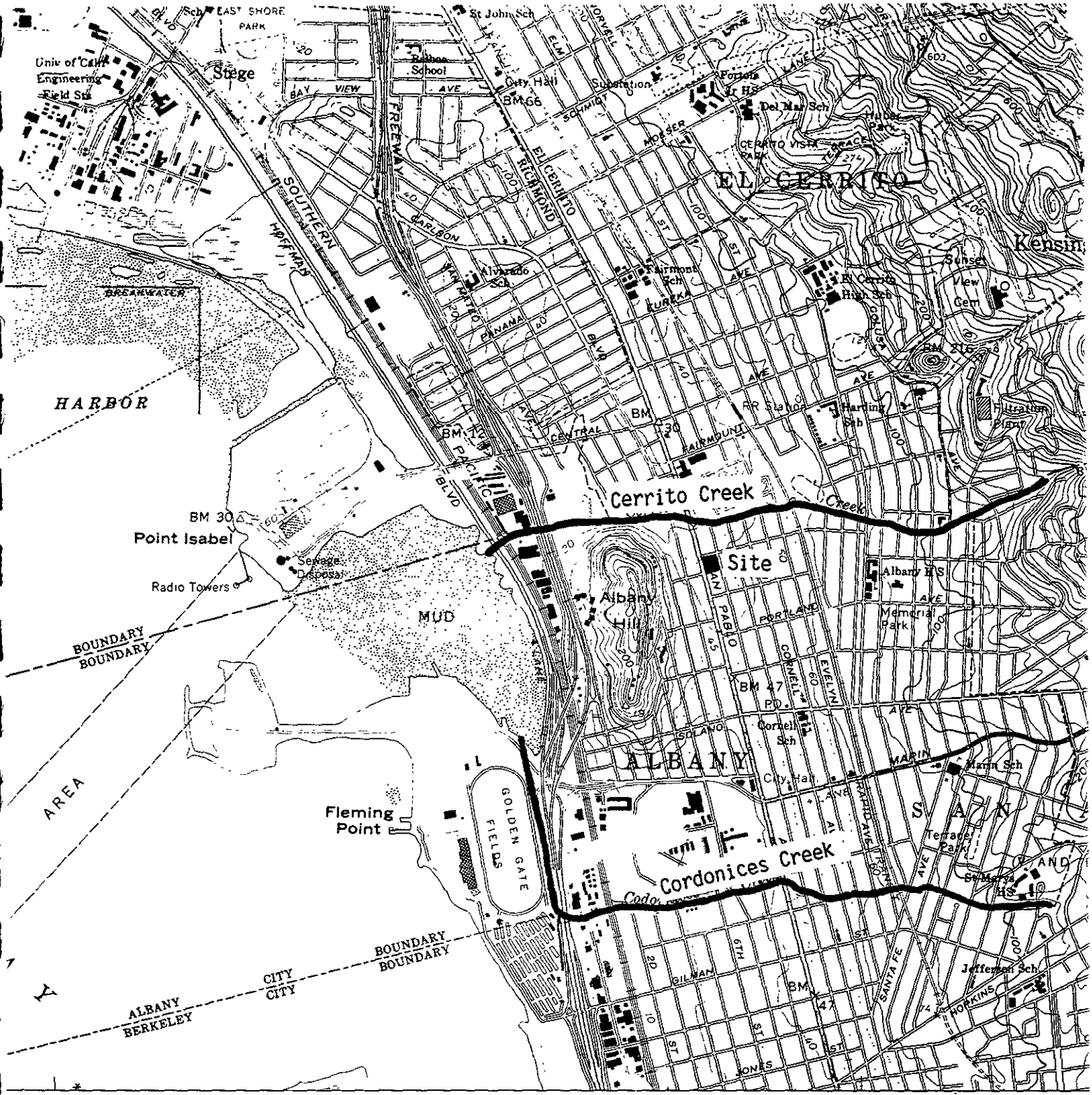

Figure 1.

Site Location Map.

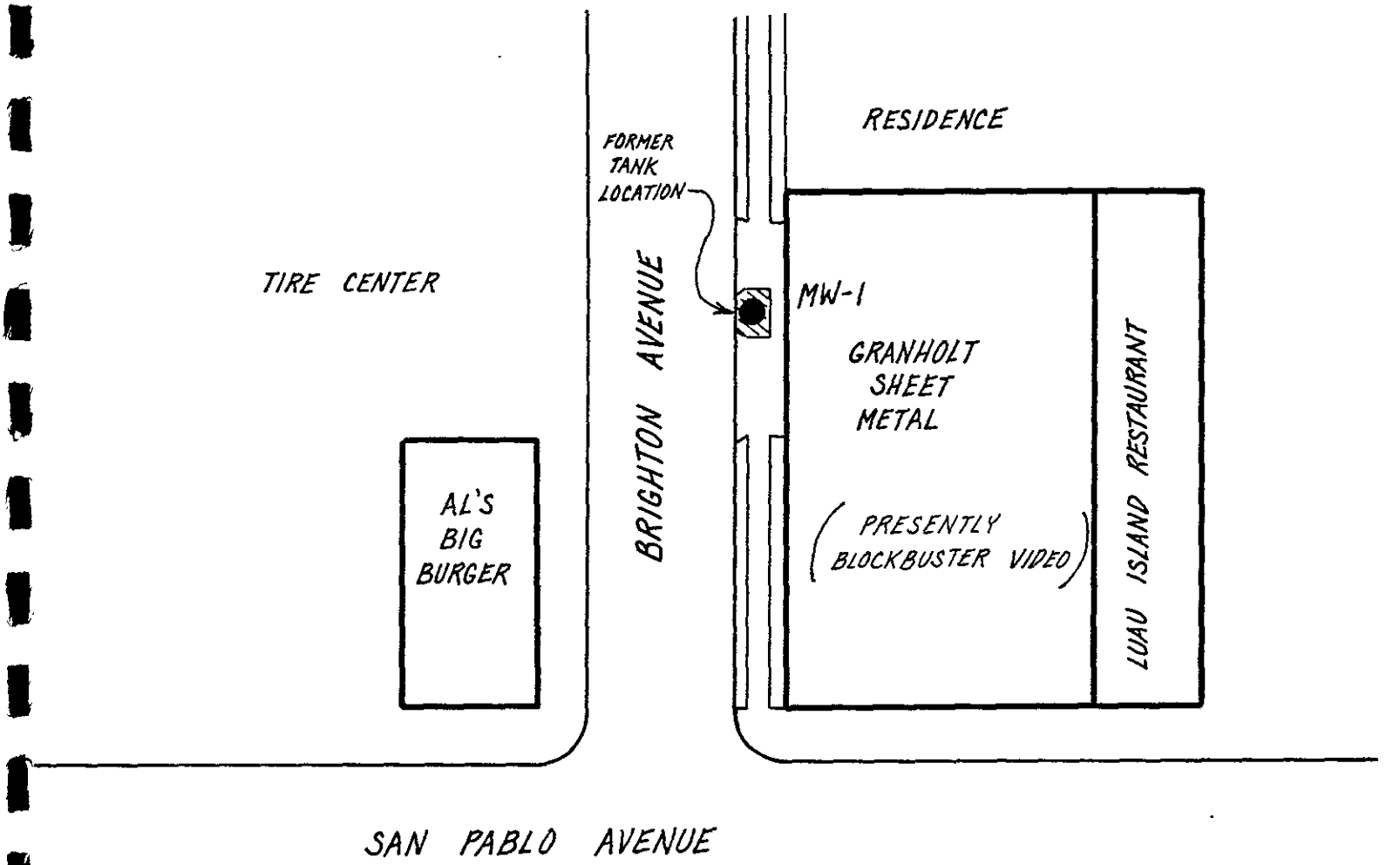

FIGURE 2.

Site Map.

appropriate 40-mL VOA vials free of any headspace. The samples were immediately placed on ice, then transported under chain-of-custody to the laboratory at the end of the work day.

At the time the monitoring well was sampled, the following information was recorded in the field: 1) depth-to-water prior to purging, using an electrical well sounding tape, 2) identification of any floating product, sheen, or odor prior to purging, using a clear teflon bailer, 3) sample pH, 4) sample temperature, and 5) specific conductance of the sample. A copy of the well sampling log is included as Attachment A.

All analyses were conducted by a California State DOHS certified laboratory in accordance with EPA recommended procedures. All groundwater samples were analyzed for Total Petroleum Hydrocarbons as Gasoline, and Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

Water Level Measurement

The shallow groundwater elevation in MW-1 was measured as 10.00 feet below ground surface on September 13, 1994.

Laboratory Results

Table 1 presents the results of the laboratory analysis for TPH and BTXE of the groundwater samples collected from monitoring well MW-1.

For this round of sampling, no detectable concentration of

Table 1.

Groundwater Sampling Results

Well	Date	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)
MW-1	06-12-90	770	3.0	ND	3.0	4.0
	02-01-91	740	92	7.0	2.7	3.2
	06-03-91	ND	ND	ND	ND	ND
	12-17-91	560	8.3	11	8.1	61
	03-06-92	700	6.0	9.9	22	40
	05-28-92	1,000	4.2	5.1	15	30
	08-31-92	1,600	13	12	27	57
	12-07-92	4,900	12	16	35	130
	03-22-93	3,900	8.2	8.5	17	42
	06-04-93	1,600	0.9	1.6	1.8	4.2
	09-24-93	1,400	3.3	3.7	7.3	17
	12-15-93	1,400	1.8	2.0	4.8	17
	03-11-94	670	5.0	4.9	2.7	30
	06-20-94	ND	ND	ND	ND	ND
	09-13-94	ND	ND	ND	ND	ND
Detection Limit		50	0.5	0.5	0.5	0.5

ND = not detected

dissolved Gasoline was detected in the shallow groundwater sample. In addition, no detectable concentrations of dissolved Benzene, Toluene, Ethylbenzene, or Total Xylenes were detected in the shallow groundwater sample.

A copy of the laboratory certificate for the water sample analyses is included as Attachment B.

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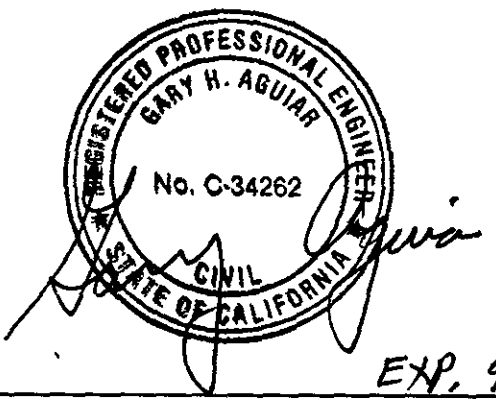

EXP. 9-30-95

Gary Aguiar **RCE 34262**

Gerard F. Aarons 9-26-94

Gerard F. Aarons **Geologist**

ATTACHMENT A

Well Sampling Log

WELL SAMPLING LOG

Project/No. GRANHOLT SHEET METAL Page 1 of 1

Site Location ALBANY, CA

Date 9/13/94

Well No. MW 1

Time Began 1400

Weather CLEAR / 70°F Completed 1515

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE

Total Sounded Depth of Well Below MP 14.80

- Depth to Water Below MP 10.00 Diameter of Casing 2"

= Water Column in Well 4.80

Gallons in Casing 0.76 + Annular Space (30% porosity) (x 10) = Total Gallons 8

Gallons Pumped Prior to Sampling 8

Evacuation Method PVC BAILER

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: NONE DETECTED
(thickness to 0.1 inch, if any)

Time	1400	1408	1435	1455
Gals Removed	0	3	6	8
Temperature	22.0	22.5	23.2	21.8
Conductivity	700	500	385	350
pH	7.0	6.8	6.7	6.6
Color / Odor	CLR/ORG	BRN/ORG	BRN/ORG	BRN/ORG
Turbidity	LOW	HIGH	HIGH	HIGH

Comments: NONE

ATTACHMENT B

ANALYTICAL RESULTS: GROUNDWATER

PRIORITY ENVIRONMENTAL LABS
Precision Environmental Analytical Laboratory

September 15, 1994 PEL # 9409042

HAGEMAN - AGUIAR, INC.

Attn: Jeffrey Roth
Re: One water sample for Gasoline/BTEX analysis.

Project name: Granholt Sheet Metal
Project location: San Pablo Blvd., - Albany, CA.

Date sampled: Sep 13, 1994 Date submitted: Sep 14, 1994
Date extracted: Sep 14, 1994 Date analyzed: Sep 14, 1994

RESULTS:

SAMPLE I.D.	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
MW-1	N.D.	N.D.	N.D.	N.D.	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	94.6%	93.8%	84.1%	94.0%	96.8%
Detection limit	50	0.5	0.5	0.5	0.5
Method of Analysis	5030 / 8015	602	602	602	602

David Duong
Laboratory Director

1764 Houret Court Milpitas, CA. 95035 Tel: 408-946-9636 Fax: 408-946-9663

PEL # 9409042

INV # 25223

CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS
GRANHOLT SHEET METAL
SAN PABLO BLVD.
ALBANY, CA

SAMPLER: (Signature)

HAGEMAN - AGUIAR, INC.
3732 Mt. Diablo Blvd., Suite 372
Lafayette, CA 94549
(415)284-1661 (415)284-1664 (FAX)

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	ANALYSIS REQUESTED: TPH Gas/BTXE	REMARKS
MW 1	9-13-94			X	MONITOR WELL # 1	X	NORM TAT

RELINQUISHED BY (Signature)	DATE 9-14-94 TIME 1000	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY (Signature)	DATE TIME	RECEIVED BY: (Signature)	DATE TIME
RELINQUISHED BY. (Signature)	DATE TIME	RECEIVED FOR LABORATORY BY: (Signature)	DATE 9-14-94 TIME 1600