



*Environmental & Water Resources Engineering  
Groundwater Consultants*

ENVIRONMENTAL  
PROTECTION  
99 SEP --8 PM 3: 32

September 7, 1999

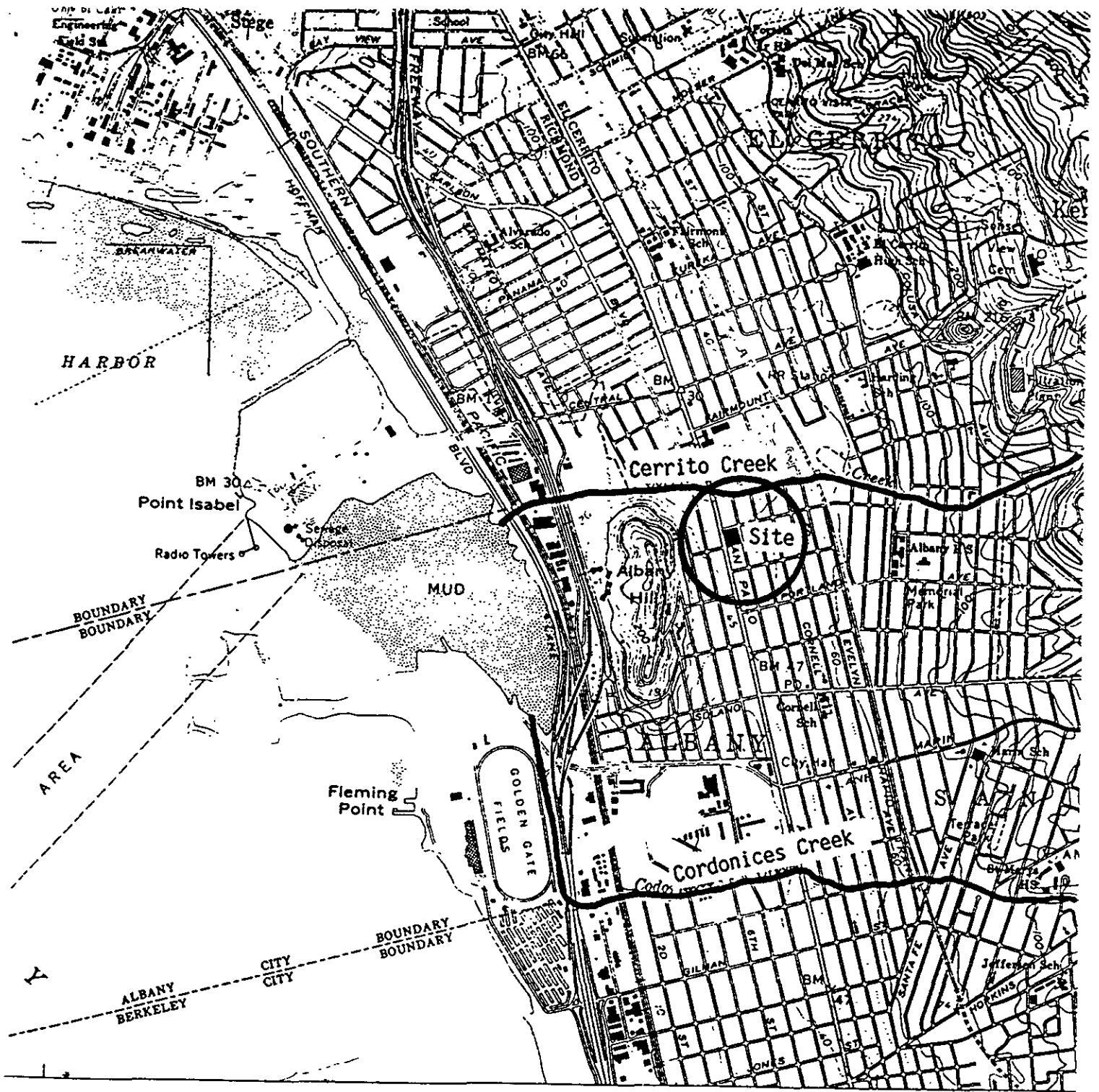
**Mr. Don Hwang**  
**Alameda County Environmental Health Services**  
**1131 Harbor Bay Parkway, Suite 250**  
**Alameda, CA 94502-6577**

**RE: Granholt Sheet Metal, 501 San Pablo Avenue, Albany, CA 94706**  
**STID 1756**

Dear Mr. Hwang:

Hageman-Aguiar, Inc., is pleased to submit the results of the shallow groundwater sampling at Granholt Sheet Metal, 501 San Pablo Avenue in Albany. The location of the site is shown as Figure 1. The monitoring well was sampled as requested in your letter dated July 28, 1999. A copy of the letter is included as Attachment A.

On August 25, 1999, a groundwater sample was collected from monitoring well MW-1. The location of the monitoring well is shown in Figure 2 (Site Map).



SCALE 1:24 000

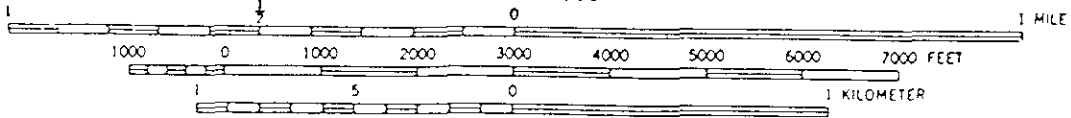


Figure 1.  
Site Location Map.

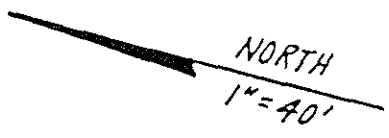
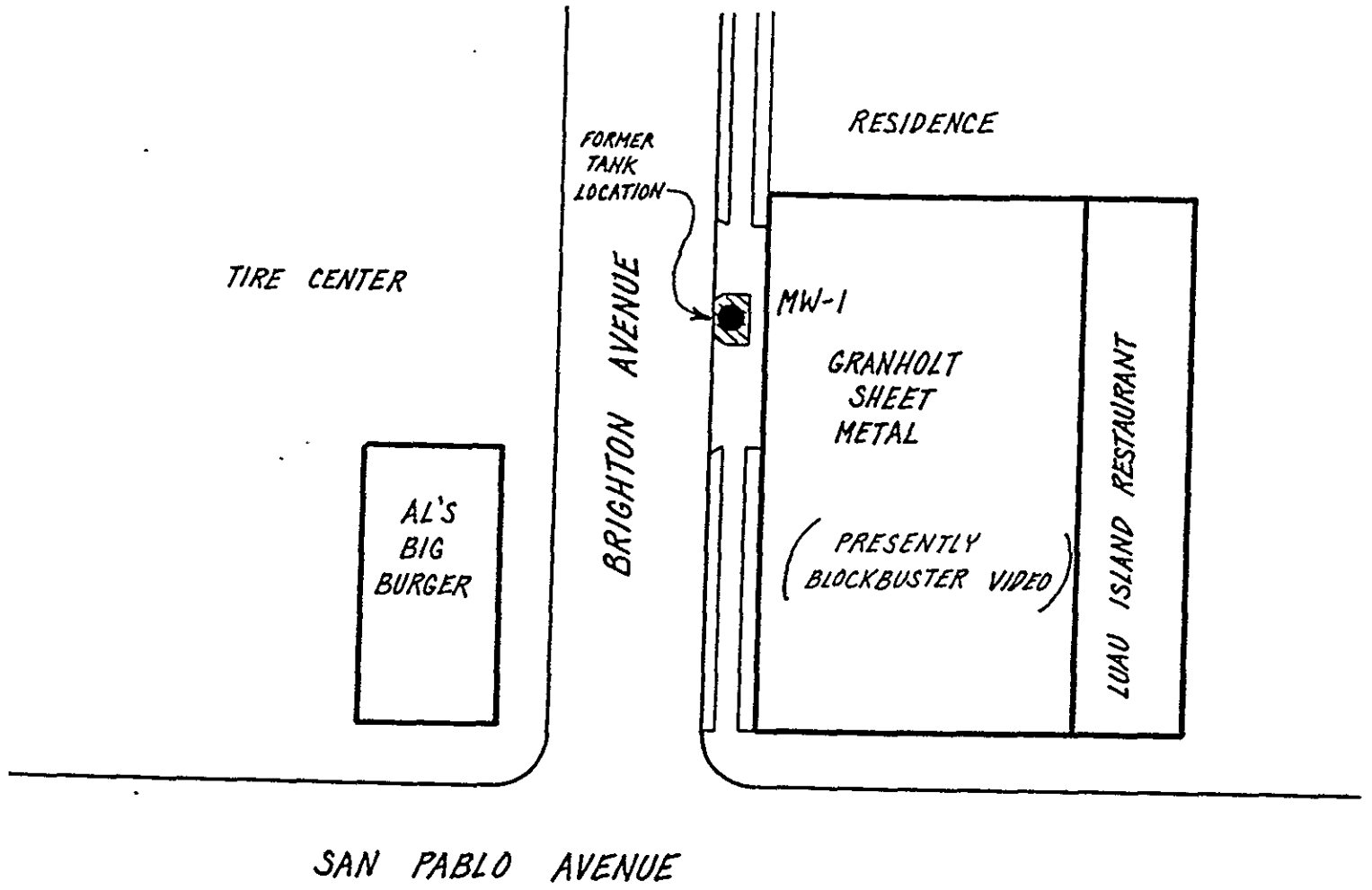


FIGURE 2.  
Site Map.

Prior to groundwater sampling, several casing volumes of water were purged by hand using a PVC bailer. Field conductivity, temperature, and pH meters were present on-site during the monitoring well sampling. As the purging process continued, the three parameters were monitored. Purging continued until the readings appeared to have reasonably stabilized. The groundwater sample was subsequently collected using a clean disposable sampling bailer. The water sample was placed inside appropriate 40 ml VOA vials free of any headspace. The sample was 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 acrylic 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 B.

The water sample collected from monitoring well MW-1 was analyzed for MTBE by EPA method 8260.

A copy of the laboratory report for the groundwater sample analysis is provided in Attachment C. As shown in Attachment C, **MTBE was not detected in the shallow groundwater sample collected from monitoring well MW-1.**

I believe that this fulfills your request for additional sampling. Based upon these results, I request that the site be closed. If you have any questions or require any further information, please call me at (510) 620-0891.

Very truly yours,

**Hageman-Aguiar, Inc.**

A handwritten signature in black ink, appearing to read "Renee L. Athey". The signature is written in a cursive style with a large, sweeping initial "R".

**Reneé L. Athey**

**Staff Engineer**

Attachments

cc: Mr. Fred Granholt with Attachments

**ATTACHMENT A**

**CORRESPONDENCE**

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
(510) 337-9335 (FAX)

July 28, 1999

Fred Granholt  
P.O. Box 798  
Burney, CA 96013

Re: Granholt Sheet Metal, 501 San Pablo Ave., Albany, CA  
94706;  
Stid 1756

Dear Mr. Granholt:

Your consultant, Gary Aguiar, Hageman- Aguiar, Inc., in his letter of July 6, 1999, presented several reasons for his recommendation that the Leaking Underground Storage Tank Oversight Program case for this site be closed. We may be able to close this case if a groundwater sample is tested for Methyl Tertiary-Butyl Ether (MTBE) and determined to be nondetectable or below a level of concern. Please submit a workplan to collect a groundwater sample for MTBE.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang  
Hazardous Materials Specialist

C: Gary Aguiar, Hageman- Aguiar, Inc., 11100 San Pablo  
Ave., Suite 200-A, El Cerrito, CA 94530

files

6.5.

**ATTACHMENT B**

**WELL SAMPLING LOG**



# WELL SAMPLING LOG

Site Location Granholt Sheet Metal Page 1 of 1  
 Well Number MW-1 Date 08/25/99  
 Weather Sunny, 75°-85° Time Began 14:36  
 Sampling Personnel R Wilson Completed 14:57

## EVACUATION DATA

Description of Measuring Point (MP): WB@G

Total Sounded Depth of Well Below MP	<u>14.66' + 0.27'</u>	Sample Collected
- Depth to Water Below MP	<u>9.51'</u>	Volatile Organics (VOA's) <u>3</u>
= Water Column in Well	<u>5.42'</u>	1 Liter Amber Glass _____
x Casing Diameter Multiplier	<u>0.169</u> 2"	Polyethylene (plastic) _____
= Gallons in Casing	<u>0.92</u>	Other _____
Gallons Pumped Prior to Sampling	<u>2.5</u>	Samples Filtered <u>no</u>

Evacuation Method:		Sample Method:	
PVC Bailer	<u>X</u>	Evacuation Bailer	<u>X</u>
Acrylic Bailer	_____	Disposable Bailer	_____
Pump	_____	Pump	_____
Other	_____	Direct	_____

## SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: None, clear  
 (thickness to 0.01 foot, if any)

	<i>sample</i>
Time	<u>14:42</u> <u>14:52</u> <u>14:54</u> <u>14:57</u>
Gals Removed	<u>1.5</u> <u>Allowed</u> <u>2.5</u> <u>2.5</u>
Temperature	<u>20.1</u> <u>well to</u> <u>19.7</u> <u>19.8</u>
Conductivity	<u>339</u> <u>recharge</u> <u>351</u> <u>341</u>
pH	<u>6.97</u> <u>10 minutes</u> <u>6.85</u> <u>6.86</u>
Color / Odor	<u>Tan</u> _____ <u>Tan</u> <u>Tan</u>
Turbidity	<u>high</u> _____ <u>high</u> <u>high</u>
Other	<u>dewatered</u> _____ <u>dewatered</u> _____

Comments \_\_\_\_\_

**ATTACHMENT C**

**ANALYTICAL RESULTS: GROUNDWATER**

**CHROMALAB, INC.**  
Environmental Services (SDB)

Submission #: 1999-08-0404

Date: September 2, 1999

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**Hageman-Aguiar, Inc.**  
11100 San Pablo Avenue, Suite 200-A  
El Cerrito, CA 94530

Attn.: Mr. Randal Wilson

Project: Granholt Metals

Dear Mr. Wilson

Attached is our report for your samples received on Wednesday August 25, 1999.  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after September 24, 1999  
unless you have requested otherwise. We appreciate the opportunity to be of service to you.  
If you have any questions, please call me at (925) 484-1919.

Sincerely,

  
Pierre Monette

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0404

MTBE - Volatile Organics by GC/MS

Hegeman-Agular, Inc.

✉ 11100 San Pablo Avenue, Suite 200-A  
El Cerrito, CA 94530

Attn: Randal Wilson

Phone: (510) 620-0891 Fax: (510) 620-0894

Project #:

Project: Granholt Metals

### Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
MW-1	Water	08/25/1999 14:57	1

1220 Quarry Lane \* Pleasanton, CA 94566-4756  
Telephone: (925) 484-1919 \* Facsimile: (925) 484-1096

# CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-08-0404

To: Hageman-Aguiar, Inc.

Test Method 8260A

Attn.: Randal Wilson

Prep Method: 5030

MTBE - Volatile Organics by GC/MS

Sample ID: MW-1	Lab Sample ID: 1999-08-0404-001
Project: Granholt Metals	Received: 08/25/1999 16:43
Sampled: 08/25/1999 14:57	Extracted: 09/01/1999 16:26
Matrix: Water	QC-Batch: 1999/09/01-01.07

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	09/01/1999 16:26	
<i>Surrogate(s)</i> 1,2-Dichloroethane-d4	85.9	76-114	%	1.00	09/01/1999 16:26	

