PIERS
Environmental Services, Inc.

1330 S. Bascom Ave., Suite F
San Jose, CA 95128

Tel. (408) 559-1248 Fax (408) 559-1224

Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, CA 94502

April 27, 1999

Attn: Mr.Amir Gholami; Haz Mat. Specialist for : 2896 Castro Valley Blvd., Castro Valley

Re: Report of Groundwater Sampling

Dear Mr. Gholami,

On April 20, 1999, a single round of groundwater samples were obtained from monitoring wells MW1 through MW3.

The groundwater samples were collected as follows:

Each well was bailed until the volume of water withdrawn was equal to at least four casing volumes. To assure that a representative groundwater sample was collected, periodic measurements of the temperature, pH and specific conductance were made. The sample was collected only when the temperature, pH, and/or specific conductance reached relatively constant values.

A hand operated bailer was used for evacuating each well casing (purging) of the monitor wells. Water samples were collected using a new, disposable bailer. An effort was made to minimize exposure of the sample to air.

Sample containers, obtained directly from the analytical laboratory, were labeled with self-adhesive tags. Field personnel labeled each tag, using waterproof ink, with the following information: Sampling location and number; project name; date and time samples were collected; treatment (preservatives, filtered, etc.); name of sampler

Subsequent to collection, the samples were immediately stored on ice in an appropriate ice chest. Samples were transported under Chain-of-Custody procedures to Entech Analytical Labs (Entech) of Sunnyvale.

Sampling equipment was cleaned after its use at each sampling location. Care was taken to collect all excess water resulting from the sampling and cleaning procedures. The excess water was contained in a pre-labeled 55-gallon drum on-site pending receipt of laboratory analyses.

The following analyses was performed by Entech on groundwater samples obtained from the monitor wells:

TPH-gas,TPH/diesel(EPA Method 8015)M; BTEX, MTBE(EPA Method 602)

The results of the groundwater sample were as follows:

Results in Parts Per Billion (PPB)

Well#	Sample#	TPH/g	Benzene	Toluene	EthylBenzene	Xylene	TPH/d	DTW
W-MW	MW1	ND	ND	ND	ND	0.55	ND	10.15
E-MW	MW2	ND	ND	ND	ND	ND	ND	10.27
S-MW	MW3	ND	ND	ND	ND	ND	ND	9.89

PIERS recommends that this site be considered for cases closure.

LIMITATIONS

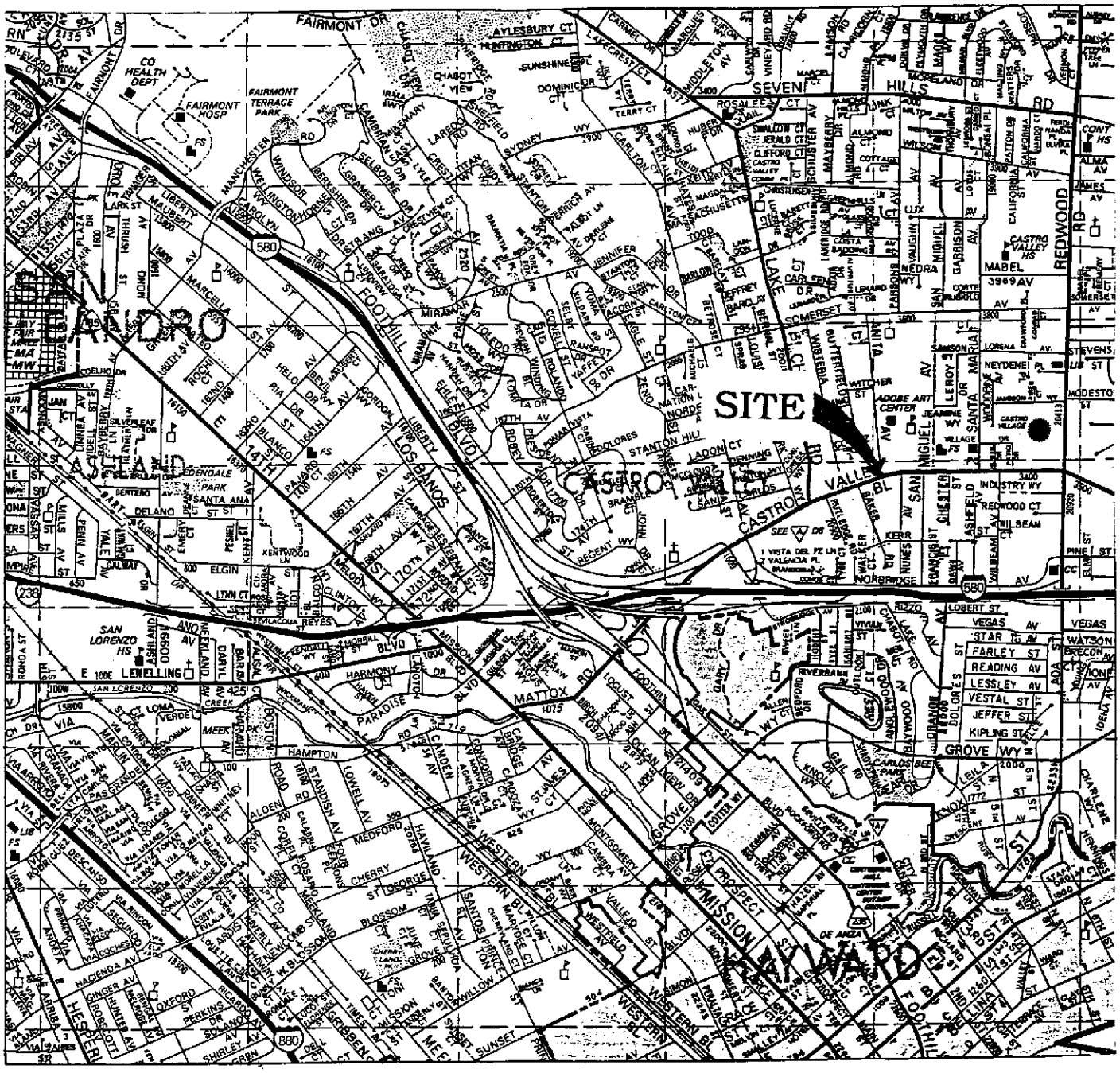
The observations and conclusions presented in this report are professional opinions based on the scope of work outlined herein. This report was prepared in accordance with generally accepted standards of environmental geological practice in California at the time this investigation was performed. The opinions presented apply to site conditions existing at the time of our study and cannot apply to site conditions or changes of which we are not aware or have not had the opportunity to evaluate. This investigation was conducted solely to evaluate environmental conditions of the groundwater with respect to hydrocarbons identified during previous work. Evaluation of the geologic conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary away from the data points available. Additional work, including subsurface investigation, can reduce the inherent uncertainties associated with this type of investigation. It must be recognized that any conclusions drawn from these data rely on the integrity of the information available at the time of investigation and that a full and complete determination of environmental contamination and risks cannot be made.

Respectfully submitted this 27th day of April, 1999,

Bennett T Halsted
Project Manager

REGISTERED PROFESSIONAL ENGINEER
SAMUEL H. HALSTED
C14095
9-00
STATE OF CALIFORNIA

Samuel H Halsted P.E.
CE 14095



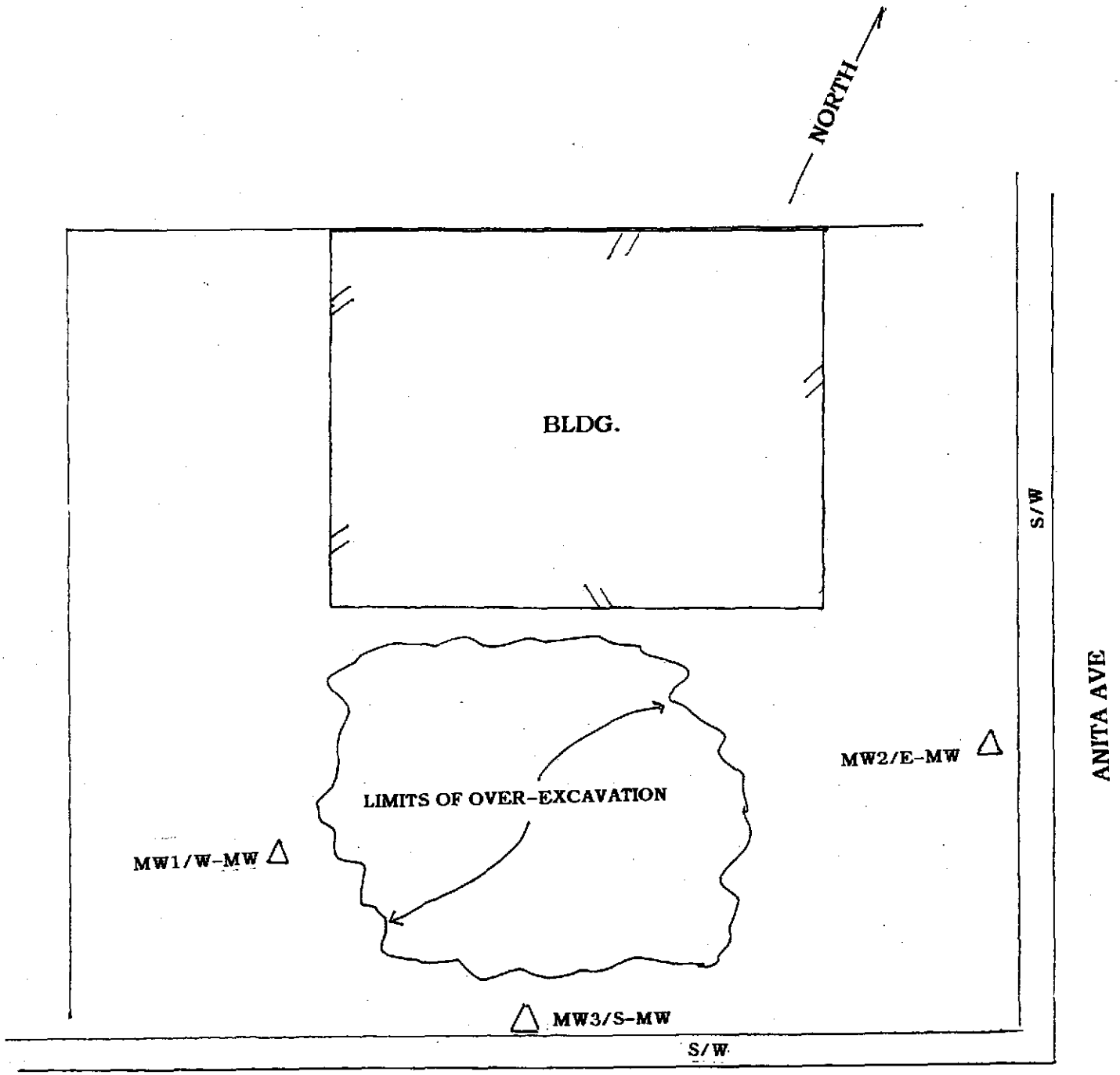
VICINITY MAP

2896 CASTRO VALLEY BLVD., CASTRO VALLEY, CA

SCALE: 1"=2200'	APPROVED BY:	DRAWN BY:
DATE: 4/22/99		REVISED:

PIERS ENVIRONMENTAL SERVICES, INC.

1330 S. BASCOM AVENUE, SUITE F, SAN JOSE, CA 95128 | **FIGURE 1**



SITE PLAN

2896 CASTRO VALLEY BLVD.,CASTRO VALLEY

SCALE: NTS	APPROVED BY:	DRAWN BY:
DATE: 4/22/99		REVISED:

PIERS ENVIRONMENTAL SERVICES, INC.

1330 S. BASCOM AVENUE. SUITE F, SAN JOSE, CA 95128 | **FIGURE 2**

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 735-1550 (800) 287-1799 • Fax: (408) 735-1554

Chain of Custody/Analysis Work Order

Client: PIERS

Address: 1330 S. Bascom Ave Suite J

Contact: B. Hatfield

Telephone #: 408-557-1248

Date Received: 4/20/99

Turn Around: Norm

Project ID: Castro Valley Blvd.

Purchase Order #:

Sampler/Company: PIERS Telephone #: B. Hatfield

Special Instructions/Comments

LAB USE ONLY

Samples arrived chilled and intact: Yes No

Notes:

Sample Information								Requested Analysis						
Lab #	Sample ID	Grab/ Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container	TPH/G BTEX MTBE		TPH/D				
G9619	MW1		water	4/20/99	1027	HCl	(1) 1 Liter Amb (2) 40 ml VOA	X		X				
G9620	MW2		↓		1113	X		X		X				
G9621	MW3		↓	↓	1201	X		X		X				

Relinq. By:	Received By:	Date: 4/20/99	Time: 1510
Relinq. By:	Received By:	Date	Time
Relinq. By:	Received By:	Date	Time

Entech Analytical Labs, Inc.

CA ELAP# I-2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Piers Environmental Services
1330 South Bascom Avenue
San Jose, CA 95128
Attn: Ben Halsted

Date: 4/27/99
Date Received: 4/20/99
Project: Castro Valley Blvd.
PO #:
Sampled By: Client

Certified Analytical Report

Water Sample Analysis:

Sample ID	MW1			MW2			MW3				
Sample Date	4/20/99			4/20/99			4/20/99				
Sample Time	10:07			11:17			12:01				
Lab #	G9619			G9620			G9621				
	Result	DF	DLR	Result	DF	DLR	Result	DF	DLR	PQL	Method
Results in µg/Liter:											
Analysis Date	4/23/99			4/23/99			4/23/99				
TPH-Diesel	ND	1.0	50	ND	1.0	50	ND	1.0	50	50	8015M
Analysis Date	4/26/99			4/22/99			4/22/99				
TPH-Gas	ND	1.0	50	ND	1.0	50	ND	1.0	50	50	8015M
MTBE	ND	1.0	5.0	ND	1.0	5.0	ND	1.0	5.0	5.0	8020
Benzene	ND	1.0	0.50	ND	1.0	0.50	ND	1.0	0.50	0.50	8020
Toluene	ND	1.0	0.50	ND	1.0	0.50	ND	1.0	0.50	0.50	8020
Ethyl Benzene	ND	1.0	0.50	ND	1.0	0.50	ND	1.0	0.50	0.50	8020
Xylenes (total)	0.55	1.0	0.50	ND	1.0	0.50	ND	1.0	0.50	0.50	8020

DF=Dilution Factor ND= None Detected above DLR PQL=Practical Quantitation Limit DLR=Detection Reporting Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #I-2346)

Michelle L. Anderson, Lab Director

Environmental Analysis Since 1983