

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 STLb.

January 13, 2000

Attn: Mr.Amir Gholami;

Haz Mat. Specialist for: 2896 Castro Valley Blvd., Castro Valley

Re: Report of Groundwater Sampling

Dear Mr. Gholami,

On January 4, 2000, 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Each well was bailed until the volume of water withdrawn was equal to at least four casing volumes.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 Priority Environmental Labs (Priority) of Milpitas.

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 Priority on groundwater samples obtained from the monitor wells:

TPH-gas (EPA Method 8015M); BTEX (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
W-MW	MW1	ND	ND	ND	ND	ND	ND
E-MW	MW2	ND	ND	ND	ND	ND	ND
S-MW	MW3	ND	ND	ND	ND	ND	280

#### **Determination of Horizontal Groundwater Gradient**

On January 4, 2000, water levels in each of the monitor wells were measured within a one hour period. The assumed water surface elevations in the wells were calculated using the July, 1999 survey data. Then, the horizontal hydraulic gradient was calculated based on accurately determined well locations.

The gradient calculated showed a 0.43% slope in a southwestern direction. Figure 2 shows survey data and groundwater topography.

#### Soil Waste Disposal Manifests

PIERS is pleased to submit the five Browning-Ferris Industries (BFI) Vasco Road Landfill manifests for the disposal of petroleum contaminated soil on Febuary 6, 1995 as well as the trucking tags from the known transporter of the soil, Maciel Trucking Inc. of San Jose, CA.

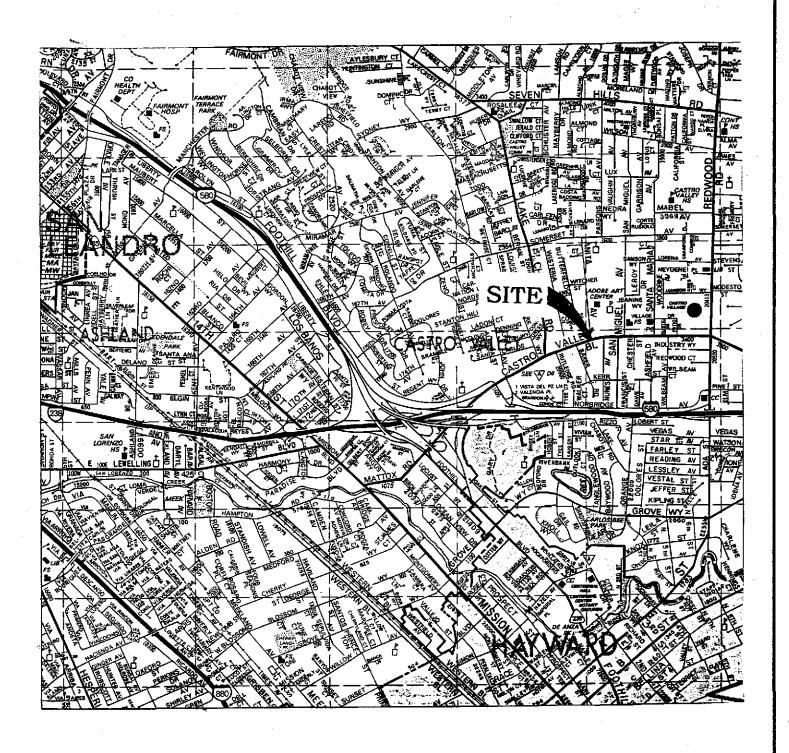
#### LIMITATIONS

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 13th day of January, 2000,

Bennett T Halsted Project Manager Samuel H Halsted P.E.

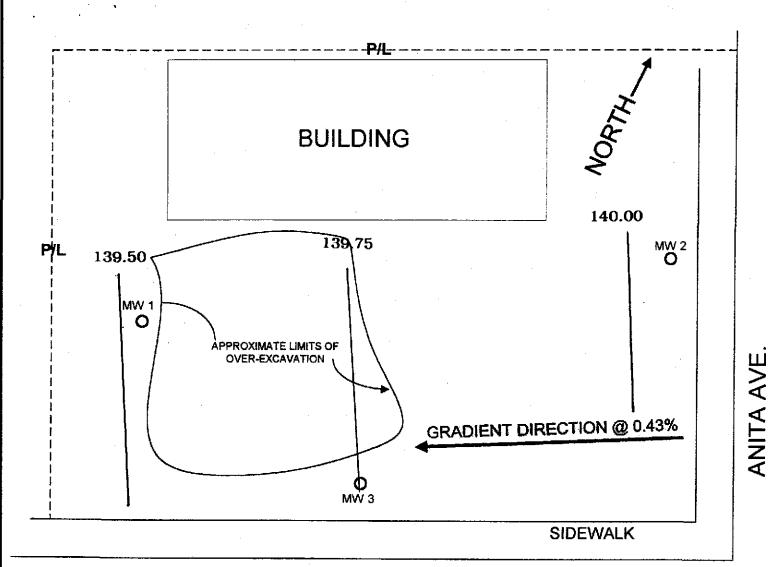
CE 14095



VICINITY MAP 2896 CASTRO VALLEY BLVD., CASTRO VALLEY, CA						
SCALE: 1"=2200"	APPROVED BY:	DRAWN BY:				
DATE: 4/22/99	7	REVISED:				
PIERS ENVIRONMENTAL SERVICES, INC.						

1330 S. BASCOM AVENUE, SUITE F, SAN JOSE, CA 95128

FIGURE 1



### CASTRO VALLEY BLVD.

Weli#	Casing Elev.	Depth to Grndwtr.	Grndwtr. Elev.
MW1	150.11	10.55	139.56
MW2	150.66	10.63	140.03
MW3	150.00*	10.25	139.85

	SITE PLAN VALLEY BLVD., CASTRO	VALLEY, CA			
SCALE: 1"=20'	APPROVED BY:	DRAWN BY:			
DATE: 1/12/00		REVISED			
PIERS ENVIR	ONMENTAL SERVI	CES, INC.			
1330 S. BASCOM AVENUE, SUITE F, SAN JOSE, CA 95128 FIGURE 2					

# CHAIN-OF-CUSTODY ANALYTICAL RESULTS

# PRIORITY ENVIRONMENTAL LABS

**Chain of Custody** 

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# PRIORITY ENVIRONMENTAL LABS

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Environmental Analytical

Laboratory'

January 07, 2000

PEL # 0001003

PIERS ENVIRONMENTAL

Attn: Ben Halsted

Re: Three water samples for Gasoline/BTEX with MTBE and Diesel analyses.

Project name: C.V.

Date sampled: Jan 04, 2000 Date extracted: Jan 05-06, 2000

Date submitted: Jan 05, 2000 Date analyzed: Jan 05-06, 2000

#### RESULTS:

SAMPLE I.D.	Diesel	Gasoline	Benzene	Toluene	Ethyl	Total	MTBE	
	(ug/L)	(nd\T)	(nd\r)	(ug/L)	(rd/r)	<pre>Xylenes (ug/L)</pre>		
L WM S WM C WM	N.D. N.D. 280	N.D. N.D. N.D.	N.D. N.D. N.D.	N.D. N.D. N.D.	N.D. N.D. N.D.	N.D. N.D. N.D.	N.D. N.D. N.D.	
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
Spiked Recovery	88.2%	90.14	92.4%	87.0%	91.18	106.0	m <del>m w</del>	
Detection limit	50 ,	,50 🧠 ,	0.5	0.5	0.5	0.5	0.5	
Method of Analysis	3510/ 8015	5030/ 8015	602	602	602	602	602	

David Duong Laboratory Director

## BFI MANIFESTS

PHONE NO. :

Dec. 30 1999 09:44AM P6



### NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is abbeston waste, com If waste is NOT asbestos waste	priete Sections I, II, III and IV. No. 519376
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a. Generator Name: Dack & Cied horn Services 6	. Generating Location:
	Address: 2890 Costro, Valley Blod
campbell Ce 95008	castro Valla
e. Phone No.: 407-374 274	Phone Na.: 415-335-0295
	Owner's Phone No.:
	TYPE
L SFI WASTE CODE CAN YOUR LOTSON	Containers DM METAL DRUM DP MLASTIC DRUM DR BAS
J. Description of Waste:	k. Quantity 1446 No. TYPE SA - 6 MIL PLASTIC BAG
Non the 7 Ketro, Cont. Soil	TO TO STREET
GENERATOR'S CERTIFICATION: I hereby certify that the above normed material is or any applicable state taw, has been properly described, described and packaged, as	NO IN IN CONTROL OF THE PROPERTY AND A SECURITION OF A SECURIT
Restrictions, y certify and warrent shat the wasto has been treated in accordance with	Hindrad Instandous wests subject to the Land Clapides! Y - YARDS to the requirements of 40 CFR Part 360 and is as longer M* - CUBIC METERS Y* - CUBIC MATERS Y* - CUBIC MATERS
a newfordout houses as continuously (40) CFA Part 861.	O OTHER
Generator Authorized Agent Name Signature Signature	Striportori Oste
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d. Phone No. 107 263 5247 m. Truck No. 007/248	
Vehicle License No./Brate:  Acknowledgement of Receipt of Materials.	m. Vehicle License No./State:  Acknowledgement of Receipt of Materials.
070795	H. / (TTTTT
Section III DESTINATION (Represent con-	Oriver Signature Solumner Cets phones and, destination also compliance on 1.
a She Name: BF1 Vesco	Her Man Win able
7 - 1 4/1/	d. Mailing Address:
LIMITMORE	G. Massing Appress:
e. Discrepancy Indication Space:	
I hereby certify that the above named material has been accepted and to	the best of my knowledge the foregoing is true and accurate.
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c. Operator's Address:	
d. Special Hendling instructions and additional information:  OPERATOR'S CERTIFICATION: I hereby declare that the centeres of this consigning pecked, marked, and isolated, and are in all respects in proper condition for transport by	ent are fully and accurately described above by proper thipping name and are classifie.
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Fmillypo  I. Name and Address	Observed 8 distributed CPH9
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* Operator refers to the company which dwhs, leases, operating, controls, or supervises t	its facility boths demokshed or renovated, or the demolition or renovation operation, or both

Dec. 30 1999 09:439M P5



# NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

if waste is asbestos waste, comp if waste is NOT asbestos waste,	tere Sections I, II, III and IV. No. 519377 complete only Sections I, II and III.
Section 19925 W. Commission of the Commission of	
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c. Address: 25) E Campbell 143	ADDRESS: 2898 Canto Klay Plvd.
Campbell Ca 957000	Casho Velley
e. Phone No.: 457 -379 -1274	Phone No.: 45-3350295
If owner of the generalists facility differs from the generator, provide:	•
g. Owner's Name: h.	Owner's Phone No.:
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or any applicable state law, has been properly described, classified and packaged, and applicable regulations: AND, if the water is a treatment residue of a previously dest Respirations, certify and warrant that the waste tree nean treated in epocyclopus with it a hyperdous magazine defined by 40 CFR Pair 281.	this to proper condition for transportation according to P - POUNDS  riotest hazardous waste subject to the Land Disposal Y - YARDS
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c. Operator's* Address:	
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g. Frispie: Non-frieble: Both 46 friable	
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PHONE NO. :

Dec. 30 1999 29:43AM P4



### NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is sebasios waste, complete Sections 1, II, III and IV.
If waste is NOT asbestos waste, complete only Sections 1, II and III. No. 519373 GENERATOR (Construct completes all of Section I) Senerating Location: I. Phone No .: . if owner of the generating facility differs from the generator, provide: g. Owner's Name: ... h. Owner's Phone No. TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL PLASTIC BAG
O' WRAP
T - TRUCK
O - OTHER I. SFI WASTE CODE Containers i. Description of Wester Robertura GENERATOR'S CERTIFICATION: I hereby certify that the above named victorial is not a hazardous weeks or any applicable state law, has been properly described, obstatled only pelclasped, and is to proper condition. plaged, and is in proper condition for transportation according to 10usty restricted historicaus waste mitiget to the Land Disposal autos with the requirements of 40 CFR Part 256 and is no longer P - POUNDS Y - YARDS Mª - CUBIC METERS Yª - CUBIC YARDS O - OTHER certify and warrant that the waste has been tre TRANSPORTER (Generator complete ad: Transporter | complete to THANSPORTER II J. Driver Name/Title: . Truck No.: 649/418 . I. Truck No. 96.34651 1. Vehicle License No./State; \_ m. Vehicle License No./State: \_ Acknowledgement of Receipt of Materials. Acknowledgement of fledelpt of Materials. GRETANATION (GA a d. dectimation site completes oil.) c. Phone No.: s. Discrepancy indication Space: \_ I hereby pertify that the above named material has been excepted and to the best of my knowledge the foregoing is true and accurate. Jection FV i. Operator's \* Name: b. Operator's\* Pisone No. ). Operator's Address: i. Special Handling instructions and additional information: PERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are tully and accountely described above by proper shipping name and are class sected, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable intomational and government regulations. s. Operator's" Name & Title: Pont/Type Name and Address of Responsible Agency: . , G Friable; G Non-friable; Cl Both Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demoliphed or renovated, or the domelifior or renovation operation, or both.

880-7208 sm

Dec. 38 1999 89:428M P3

#### NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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PHONE NO. :

Dec. 30 1999 89:41AM P2

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NON-HAZARDOUS SPECIA	L WASTE & ASBESTOS MANIFEST
If waste is sebestos weste, born It waste is NOT esbestos waste	complete only Sections 1, 12 and 111.
Section 17	
	Generating Location:
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4 77404 80.:	, Phone No.:
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g. Owner's Name:	. Owner's Phone No.:
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Acknowledgement of Receipt of Materials.	5 n. Cather Sayunute Separant Co.
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e. Operator's" Name & Title:	Operator of Maydeline