

4241365

100 Pine Street, 10th Floor  
San Francisco, CA 94111  
(415) 494-9400 • FAX (415) 434-1365



Transmittal

Date 7 January 1999

To Susan Hays  
ACHSA

Project Number 3055.01

Project Name Emery Lake

Transmitted Via

Messenger

U.S. Mail

Overnight Mail

Fax

Fax # 510-337-5355

Total Pages 11

Item	Description
	H <sub>2</sub> O Sample results + location map

Remarks: As promised. If possible, could you  
Fax any letter that you prepare.  
Thank

From: Brad Job

cc:

100 Pine Street, 10th Floor  
San Francisco, CA 94111  
(415) 434-8400 • FAX (415) 434-1365



24 June 1997  
Project 3095.01

Mr. Dan McNevin  
Emerylofts Development Company  
100 Bush Street, 26th Floor  
San Francisco, CA 94104

**Subject:** Results of Chemical Analysis of Water  
Emeryville Warehouse Site, Emeryville, CA

Dear Dan:

At the request of Mr. Larry Pace of Cannon Constructors, Geomatrix visited the subject site on 17 June 1997 to observe "tea-colored" groundwater exposed during cutting of an exploration hole near the access ramp in the basement. Mr. Pace requested that Geomatrix collect a sample of the water to address sanitary sewer disposal issues.

The water samples were collected from the approximately 12-inch diameter concrete hole in the basement slab and tested for the following analytes:

- CAM 17 metals
- Volatile organic compounds
- Phenols
- Total coliform and e.coli (fecal coliform) bacteria
- Nitrates/chloride

Based on the results of the above laboratory analyses (attached), it is unlikely that the coloration of the water is due to sewer leakage, since nitrate and e. coli were not detected. Our onsite conversation with Mr. Pace indicated that the concrete slab is underlain in that area by redwood planking. It is more likely that the coloration of the water is due to contact with the redwood.

The results of these analyses are consistent with the results of basement water sampling and analysis conducted on 19 May 1997 and transmitted to you in our letter of 4 June 1997. Additional low concentrations of ethylbenzene and toluene (30 and 180 ppb, respectively) were detected in this most recent water sample. Based on the above laboratory analysis

**Geomatrix Consultants, Inc.**  
Engineers, Geologists, and Environmental Scientists



Mr. Dan McNevin  
Emerylofts Development Company  
24 June 1997  
Page 2

results, there is no evidence that this "tea-colored" water requires management in a manner different from that used for the other water that has collected in the basement.

If you have any questions or need further assistance, please call me.

Sincerely,

GEOMATRIX CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "Tom Graf", written over the typed name.

Tom Graf  
Vice President

TG/dm  
I:\WPDOCS\3085\MRYWTR.DOC

Priority

Rush

AMERICAN ENVIRONMENTAL NETWORK (AEN)  
3440 VINCENT ROAD  
PLEASANT HILL, CA 94523

FAX TRANSMISSION COVER

AEN FAX NO. (510) 930-0256

AEN PH NO. (510) 930-9090

DATE: 6-20-97

# OF PAGES (Including cover) 6

REPLY REQUESTED? NO YES URGENT FAX / PHONE REPLY FYI

TO: Cheri Page  
Tom Graf

FROM: CLIENT SERVICES

AEN PROJ NO: 9706252

CLIENT PROJ ID: ?

- FINAL RESULTS
- PARTIAL RESULTS
- PRELIMINARY RESULTS - subject to change pending further review and/or laboratory analysis

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## GEOMATRIX CONSULTANTS

SAMPLE ID: WH1  
 AEN LAB NO: 9706252-01  
 AEN WORK ORDER: 9706252  
 CLIENT PROJ. ID: 3095.01

DATE SAMPLED: 06/17/97  
 DATE RECEIVED: 06/18/97  
 REPORT DATE: 06/20/97

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
#Digestion. Metals by GFAA	EPA 3020	-		Prep Date	06/18/97
#Digestion. Metals by ICP	EPA 3010	-		Prep Date	06/18/97
#Anion Sample Prep.		-		Prep date	06/18/97
Chloride	EPA 300	40 *	0.5 mg/L		06/18/97
Nitrate-Nitrogen	EPA 300	ND	0.1 mg/L		06/18/97
Volatile Organic Compounds	EPA 8240B				
Acetone	67-64-1	ND	500 ug/L		06/19/97
Benzene	71-43-2	ND	30 ug/L		06/19/97
Bromodichloromethane	75-27-4	ND	30 ug/L		06/19/97
Bromoform	75-25-2	ND	30 ug/L		06/19/97
Bromomethane	74-83-9	ND	50 ug/L		06/19/97
2-Butanone	78-93-3	ND	500 ug/L		06/19/97
Carbon Disulfide	75-15-0	ND	50 ug/L		06/19/97
Carbon Tetrachloride	56-23-5	ND	30 ug/L		06/19/97
Chlorobenzene	108-90-7	ND	30 ug/L		06/19/97
Chloroethane	75-00-3	ND	50 ug/L		06/19/97
2-Chloroethyl Vinyl Ether	110-75-8	ND	50 ug/L		06/19/97
Chloroform	67-66-3	ND	30 ug/L		06/19/97
Chloromethane	74-87-3	ND	50 ug/L		06/19/97
Dibromochloromethane	124-48-1	ND	30 ug/L		06/19/97
1,1-Dichloroethane	75-34-3	ND	30 ug/L		06/19/97
1,2-Dichloroethane	107-06-2	ND	30 ug/L		06/19/97
1,1-Dichloroethene	75-35-4	ND	30 ug/L		06/19/97
cis-1,2-Dichloroethene	156-59-2	ND	30 ug/L		06/19/97
trans-1,2-Dichloroethene	156-60-5	ND	30 ug/L		06/19/97
1,2-Dichloropropane	78-87-5	ND	30 ug/L		06/19/97
cis-1,3-Dichloropropene	10061-01-5	ND	30 ug/L		06/19/97
trans-1,3-Dichloropropene	10061-02-6	ND	30 ug/L		06/19/97
Ethylbenzene	100-41-4	30 *	30 ug/L		06/19/97
2-Hexanone	591-78-6	ND	300 ug/L		06/19/97
Methylene Chloride	75-09-2	ND	50 ug/L		06/19/97
4-Methyl-2-pentanone	108-10-1	ND	300 ug/L		06/19/97
Styrene	100-42-5	ND	30 ug/L		06/19/97
1,1,2,2-Tetrachloroethane	79-34-5	ND	30 ug/L		06/19/97
Tetrachloroethene	127-18-4	ND	30 ug/L		06/19/97
Toluene	108-88-3	180 *	30 ug/L		06/19/97
1,1,1-Trichloroethane	71-55-6	ND	30 ug/L		06/19/97

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1,1,2-Trichloroethane	79-00-5	ND	30	ug/L	06/19/97
Trichloroethene	79-01-6	ND	30	ug/L	06/19/97
Vinyl Acetate	108-05-4	ND	300	ug/L	06/19/97
Vinyl Chloride	75-01-4	ND	50	ug/L	06/19/97
Xylenes, Total	1330-20-7	ND	50	ug/L	06/19/97
#Extraction for Phenols	EPA 3520	-		Extrn Date	06/19/97
Phenols	EPA 8270				
Phenol	108-95-2	ND	10	ug/L	06/20/97
2-Chlorophenol	95-57-8	ND	10	ug/L	06/20/97
2-Nitrophenol	88-75-5	ND	10	ug/L	06/20/97
2,4-Dimethylphenol	105-67-9	ND	10	ug/L	06/20/97
2,4-Dichlorophenol	120-83-2	ND	10	ug/L	06/20/97
4-Chloro-3-methylphenol	59-50-7	ND	10	ug/L	06/20/97
2,4,6-Trichlorophenol	88-06-2	ND	10	ug/L	06/20/97
2,4-Dinitrophenol	51-28-5	ND	50	ug/L	06/20/97
4-Nitrophenol	100-02-7	ND	50	ug/L	06/20/97
4,6-Dinitro-2-methylphenol	534-52-1	ND	50	ug/L	06/20/97
Pentachlorophenol	87-86-5	ND	50	ug/L	06/20/97
2-Methylphenol	95-48-7	ND	10	ug/L	06/20/97
4-Methylphenol	106-44-5	ND	10	ug/L	06/20/97
2,4,5-Trichlorophenol	95-95-4	ND	10	ug/L	06/20/97
CCR 17 Metals					
Silver	EPA 6010	ND	0.005	mg/L	06/19/97
Arsenic	EPA 7060	0.016 *	0.002	mg/L	06/19/97
Barium	EPA 6010	0.07 *	0.01	mg/L	06/19/97
Beryllium	EPA 6010	ND	0.002	mg/L	06/19/97
Cadmium	EPA 6010	ND	0.005	mg/L	06/19/97
Cobalt	EPA 6010	ND	0.005	mg/L	06/19/97
Chromium	EPA 6010	0.32 *	0.01	mg/L	06/19/97
Copper	EPA 6010	0.12 *	0.01	mg/L	06/19/97
Mercury	EPA 7470	0.0019 *	0.0002	mg/L	06/20/97
Molybdenum	EPA 6010	0.02 *	0.01	mg/L	06/19/97
Nickel	EPA 6010	0.02 *	0.01	mg/L	06/19/97
Lead	EPA 6010	0.55 *	0.04	mg/L	06/19/97
Antimony	EPA 6010	ND	0.02	mg/L	06/19/97
Selenium	EPA 7740	0.004 *	0.004	mg/L	06/19/97
Thallium	EPA 6010	ND	0.05	mg/L	06/19/97
Vanadium	EPA 6010	0.035 *	0.005	mg/L	06/19/97
Zinc	EPA 6010	0.36 *	0.01	mg/L	06/19/97

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DATE SAMPLED: 06/17/97  
DATE RECEIVED: 06/18/97  
REPORT DATE: 06/20/97

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
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ND = Not detected at or above the reporting limit  
\* = Value at or above reporting limit

# CERCO analytical, inc.

3942-A Valley Avenue  
Pleasanton, CA 94566  
Tel: 510.462.2771  
Fax: 510.462.2775

Mr. William Svaboda  
American Environmental Network  
3440 Vincent Road  
Pleasant Hill, CA 94523

Client Project I.D. No.: Not Indicated  
Client P.O. No.: 9706252  
Date Received: 06/18/97  
Matrix: Water

June 19, 1997  
Job No. 9706103  
Sample No. 001  
Cust. No. 10093

LAD No.	Sample I.D.	Total Coliform Bacteria	E. coli (Fecal Coliform)	Date Sampled	Date Analyzed
001	WH1	Present	Absent	06/17/97	06/18-19/97
Method No.:		SM 9223B			

*for Darlene Longford*  
Albert C. Oetting  
Laboratory Director

California State Certified Laboratory No. 2153

Quality Control Report Available on Request



ESSU

9706252

# CHAIN-OF-CUSTODY RECORD

No - 9146

Date: 6/18/97

Page 1 of 1

Project No:

Samples (Signatures):  
*W. McShattan*

### ANALYSES

### REMARKS

Date	Time	Sample Number	EPA Method 8010	EPA Method 8011	EPA Method 8020 (STEX only)	EPA Method 8240	EPA Method 8270	TPH as gasoline	TPH as diesel	Cell Form	Chlorides	CMC Metals	8240	Phenols	Cooled	Soil (S), Water (W), or Vapor (V)	Acidified	Number of containers
6/17	1615	WH1								X	X	X	X	X	X	W		12
<del>_____</del>																		

all samples unacidified unfiltered

ok 6/17/97 1640 per Chem Page, Geomatrix Proj. no. is 3095.01. JPS

Turnaround time: 48 hrs

Results to: Tom Graf / C. Page

Total No. of containers: 12

Relinquished by (signature): *W. McShattan*  
 Date: 6/18/97  
 Printed Name: *W. McShattan*  
 Company: *GEOMETRY*

Relinquished by (signature):  
 Date:  
 Printed Name:  
 Company:

Date:  
 Relinquished by (signature):  
 Printed Name:  
 Company:

Date:  
 Time:

Method of Shipment: *hand*

Laboratory Comments and Log No.: *AEN*

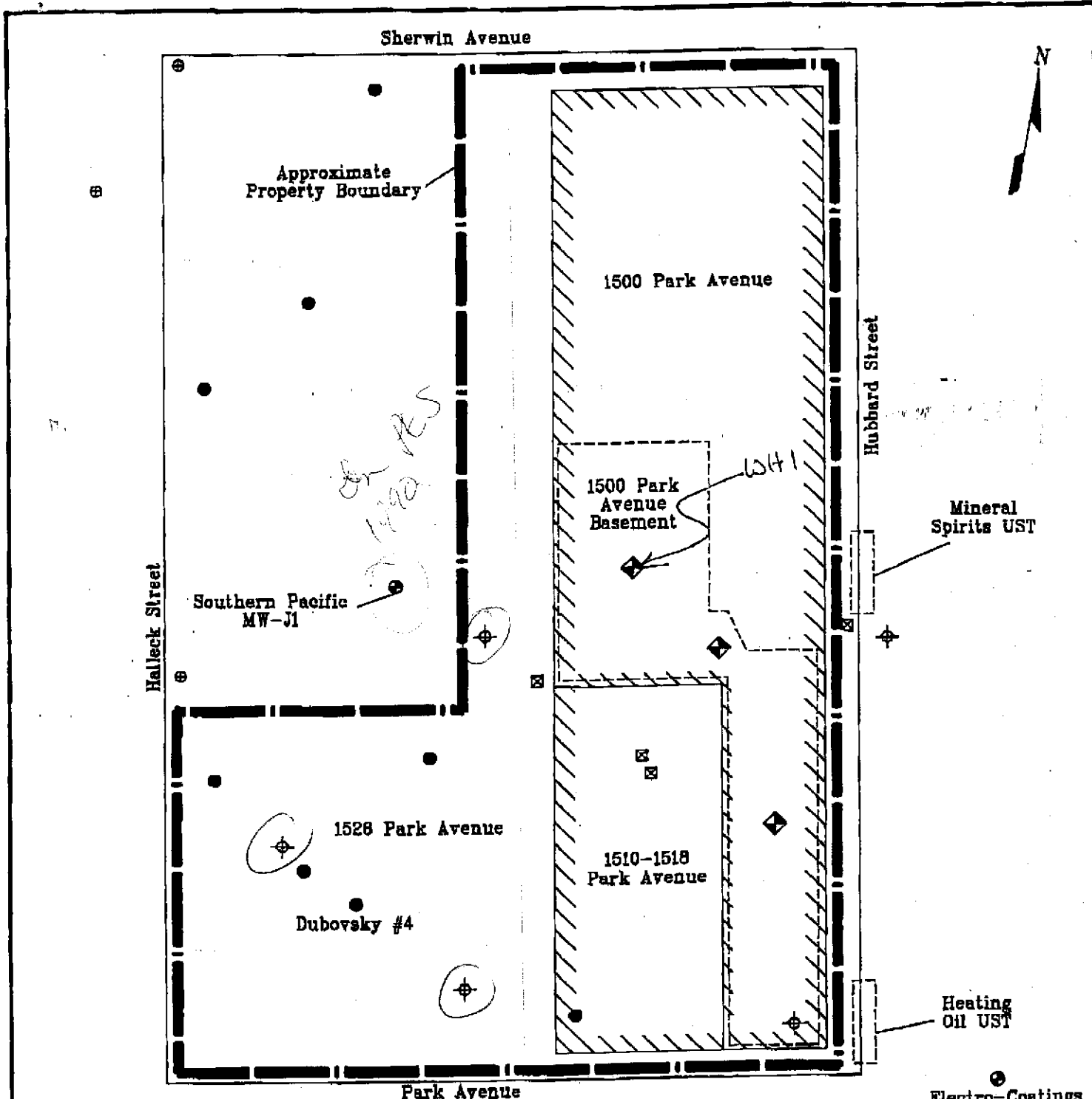
Received by (signature): *Anna Gillespie*  
 Date: 6/18/97  
 Printed Name: *Anna Gillespie*  
 Company: *AEN*

Received by (signature):  
 Date:  
 Printed Name:  
 Company:

Date:  
 Received by (signature):  
 Printed Name:  
 Company:

Date:  
 Time:

**GEOMETRIX** Geomatrix Consultants  
 100 Pine Street, 10th Floor  
 San Francisco, California 94111  
 415 434 9400



LEGEND	
● Soil Samples	◆ Ponded Water Sample
⊕ Groundwater Grab Sample	⊙ Groundwater Monitoring Well (MW)
⊕ Soil and Groundwater Grab Samples	⊠ Vent Pipe

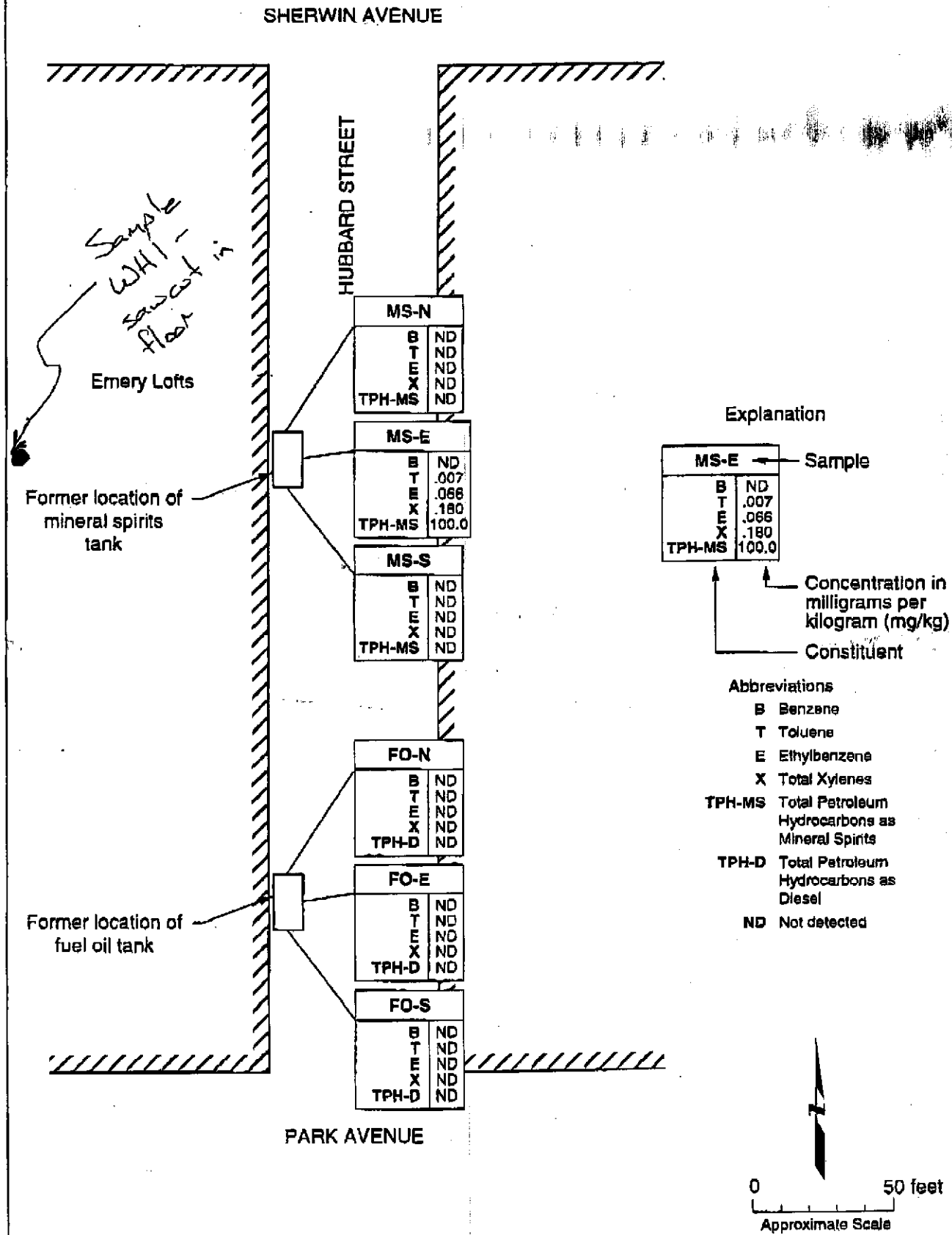
Electro-Coatings MW-6  
*2/9/96 DC*

Subject Area Soil and Groundwater Sample Locations  
 Emeryville Warehouse  
 1500-1528 Park Avenue  
 Emeryville, California  
 Client: The Martin Group  
 Clayton Project No. 70-97377.00.000

Figure  
**3**  
 97377-70-18

**Clayton**  
 ENVIRONMENTAL  
 CONSULTANTS

(Not to Scale)



**FORMER UST LOCATIONS**  
Emeryville Warehouse  
Emeryville, California

Figure  
2

Project No.  
3095.04