



**KAMUR INDUSTRIES INC.**

2351 Shoreline Dr. Alameda, CA 94601 - (415) 523-7866

8/4/91  
20 10:55

February 13, 1991

Mr. M. Hossain Kazemi  
Regional Water Quality Control Board  
San Francisco Region  
1800 Harrison Street  
Oakland, CA 94612

✓ Mr. Gilbert Wistar  
Alameda County  
Health Care Services Agency  
Hazardous Materials Program  
80 Swan Way, Room 200  
Oakland, CA 94612

Subject: Plaza Car Wash  
400 San Pablo Avenue  
Albany, CA

Gentlemen:

Enclosed are the results of the sampling done in the El Cerrito Creek on January 11, 1991 after the only significant rainfall last month. The analysis was done by Anametrix Inc. in San Jose and the results were tabulated by Soil Tech Engineering.

There was another creek sampling done on February 6, 1991 after the recent rainfall. These water samples are currently at the analytical laboratory and the results will be reported in our February monthly report.

Soil Tech Engineering has been retained by us to continue doing these El Cerrito Creek water samples as well as submitting a work plan specifically addressing the points in Gil Wistar's letter to me dated January 29, 1991 on or before the required February 28th deadline. Since I will be out of town, I have asked Soil Tech Engineering to submit this work plan directly to your offices without any cover letter from me. I have left these instructions with STE for any future reports where I might not be available to meet a required deadline.

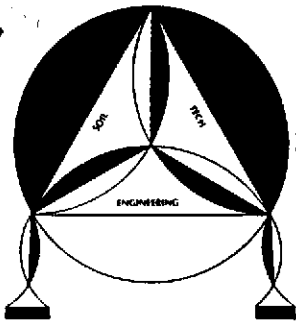
Please contact me if you have any questions.

Sincerely,

Murray T. Stevens

MTS:khs

enclosures



# SOIL TECH ENGINEERING

*Soil, Foundation and Geological Engineers*

298 BROKAW ROAD, SANTA CLARA, CA 95050 ■ (408) 866-0919 ■ (415) 791-6406

January 31, 1991

File No. 8-90-421-SI

Kamur Industries  
2351 Shoreline Drive  
Alameda, California 94501

ATTENTION: MR. MURRAY STEVENS

SUBJECT: JANUARY SAMPLING OF EL CERRITO CREEK  
LOCATED ADJACENT TO PLAZA CAR WASH  
400 San Pablo Avenue, in  
San Pablo, California.

Dear Mr. Stevens:

Soil Tech Engineering, Inc. (STE) was retained by Kamur Industries to continue sampling of El Cerrito Creek within 48 hours following a significant rainfall greater than or equal to 0.25 inches. Samples are taken from four established sampling locations (Figure 1).

- C-1 - Approximately 20 feet up-stream from the storm drain outlet
- C-2 - The storm drain outlet
- C-3 - Confluence of the storm drain flow and El Cerrito Creek
- C-4 - 50 feet down-stream from the storm drain

File No. 8-90-421-SI

Grab water samples taken at these locations were analyzed for TPH as Gasoline (TPHg) only.

The water samples from each station were collected in 40 ml VOA bottles with no headspace left in the bottle. Each VOA bottle was logged and placed in a cool ice chest and transported to a state-certified laboratory accompanied with a chain-of-custody. During sampling, a very mild petroleum odor was noted coming from the storm drain outlet but no sheen was observed.

The analytical results are summarized in Table 1. Results of the samples taken on January 11, 1991, showed low levels of TPHg (14 milligrams per liter) at the storm drain outlet (C-2) and at the confluence point (C-3), which showed 0.37 mg/l.

A comparison of recent sampling to samples taken in November 1990 show a substantial decrease in TPHg concentrations. The down-gradient station (C-4) continued to show non-detectable levels of TPH for the last 2 months.

STE will continue monitoring El Cerrito Creek per Regional Water Quality Control Board (RWQCB) request. Analytical results will be submitted monthly in a technical report by the 10th of each following month.

SOIL TECH ENGINEERING, INC.

File No. 8-90-421-SI

If you have any questions or require additional information, please feel free to contact our office at your convenience.

Sincerely,

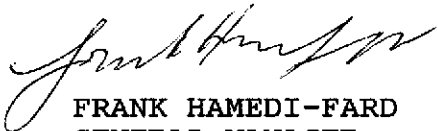
SOIL TECH ENGINEERING, INC.



RICHARD DOWNS  
ENVIRONMENTAL EDITOR



LAWRENCE KOO, P. E.  
C. E. #34928



FRANK HAMEDI-FARD  
GENERAL MANAGER

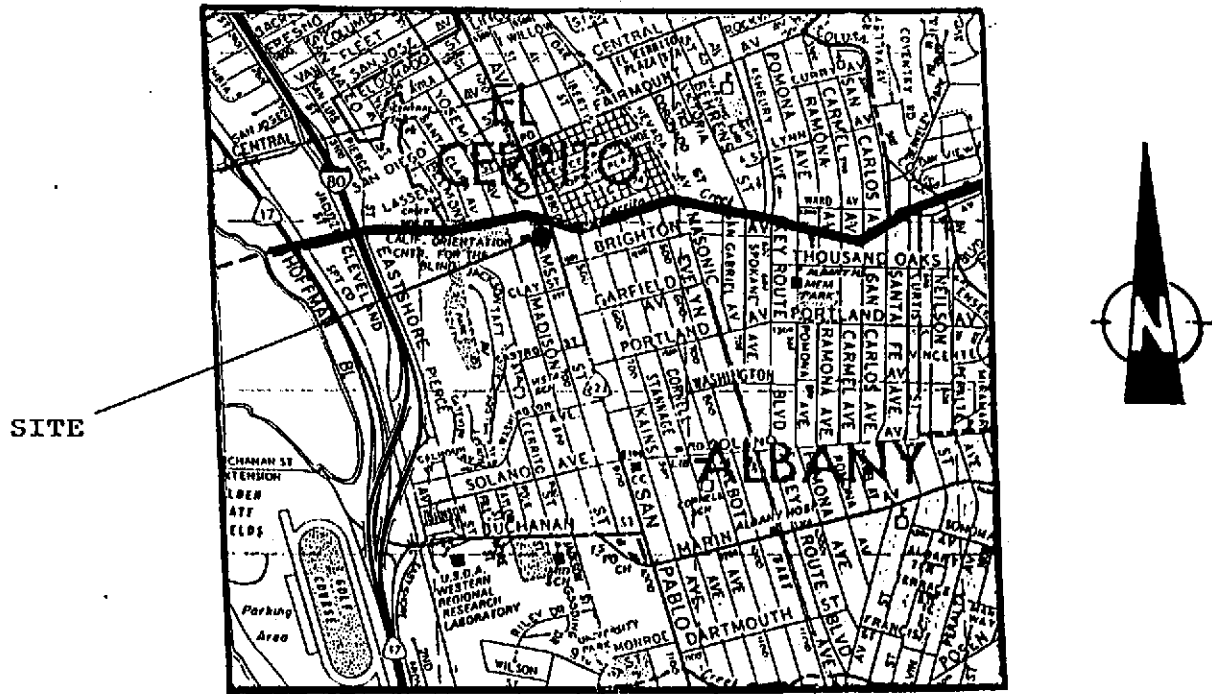
SOIL TECH ENGINEERING, INC.

**TABLE 1**  
**EL CERRITO CREEK RAINFALL EVENT SAMPLING (PPT > 0.250)**  
**TOTAL PETROLEUM HYDROCARBONS AS GASOLINE (TPHg)**  
**RESULTS IN PARTS PER MILLION (ppm)**

Date Sampled	Station C-1 TPHg	Station C-2 TPHg	Station C-3 TPHg	Station C-4 TPHg
08/03/89	ND	470	NS	2.700
12/08/89	ND	33	ND	ND
01/03/90	ND	99	0.900	0.800
01/15/90	ND	16	0.840	0.160
01/17/90	ND	15	ND	ND
02/02/90	ND	16	0.060	0.130
02/08/90	ND	7	0.100	0.140
02/19/90	ND	26	0.030	0.200
03/06/90	0.065	30	0.600	0.120
03/13/90	ND	30	0.360	0.100
04/06/90	ND	42	3.000	0.400
11/27/90	ND	160	4.400	0.055
12/18/90	ND	33	0.066	ND
01/11/91	ND	14	0.370	ND

PPT = Rainfall Precipitation  
 NS = Not Sample  
 ND = Not Detected (Below Detection Limit)

SOIL TECH ENGINEERING, INC.



THOMAS BROS. MAP, 1982 EDITION  
ALAMEDA COUNTY  
PAGE 1 D2

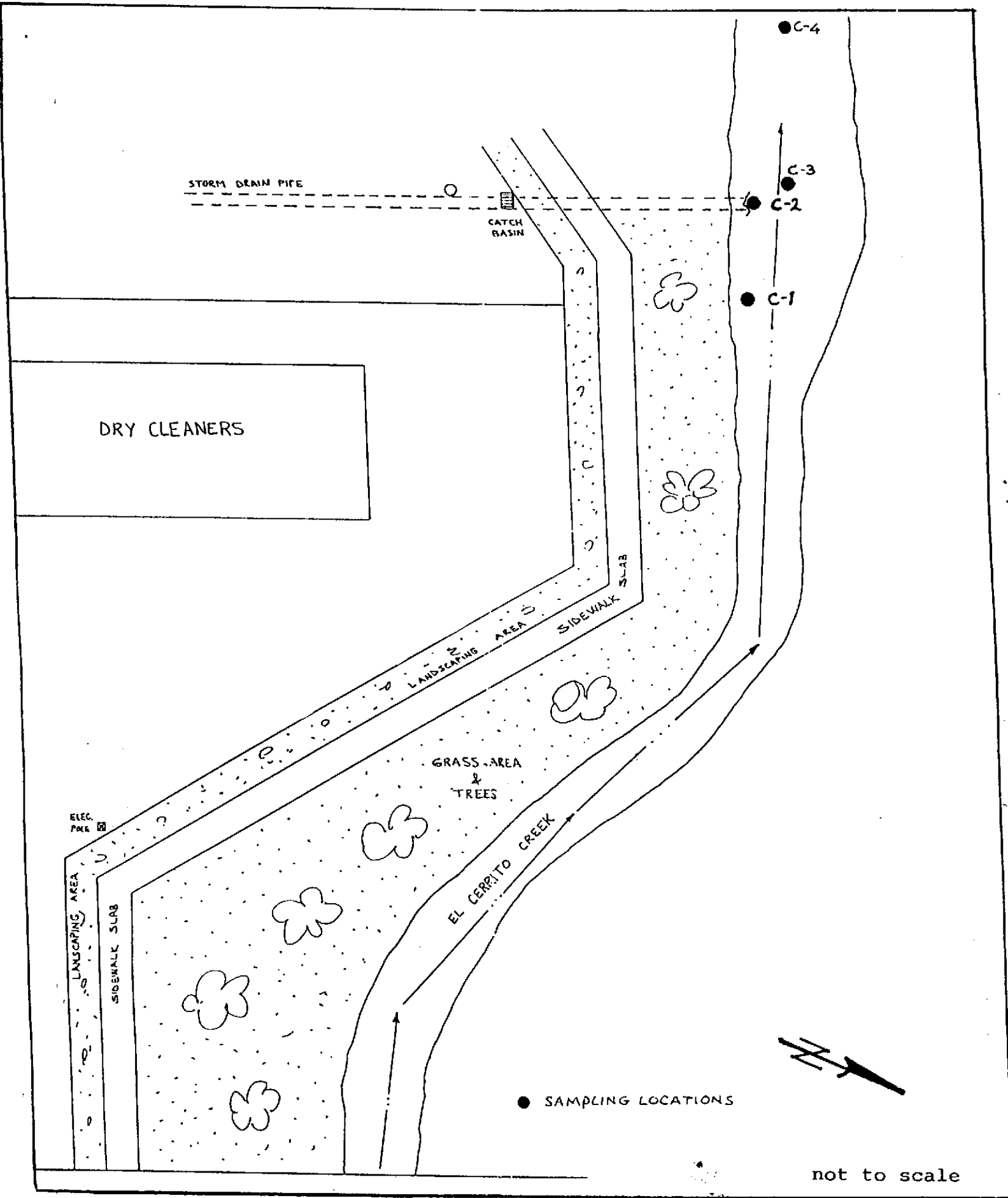


Figure 2

**ANAMETRIX INC**

Environmental & Analytical Chemistry  
 1961 Concourse Drive, Suite E, San Jose, CA 95131  
 (408) 432-8192 • Fax (408) 432-8198

**REPORT**

MR. FRANK HAMEDI  
 SOIL TECH ENGINEERING  
 298 BROKAW ROAD  
 SANTA CLARA, CA 95050

Workorder # : 9101110  
 Date Received : 01/15/91  
 Project ID : 8-90-421-SI  
 Purchase Order: N/A

The following samples were received at Anamatrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9101110- 1	C-1
9101110- 2	C-2
9101110- 3	C-3
9101110- 4	C-4

This report consists of 4 pages not including the cover letter, and is organized in sections according to the specific Anamatrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anamatrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anamatrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anamatrix.

*Burt Sutherland for*

\_\_\_\_\_  
 Burt Sutherland  
 Laboratory Director

1-23-91  
 \_\_\_\_\_  
 Date



REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. FRANK HAMEDI  
SOIL TECH ENGINEERING  
298 BROKAW ROAD  
SANTA CLARA, CA 95050

Workorder # : 9101110  
Date Received : 01/15/91  
Project ID : 8-90-421-SI  
Purchase Order: N/A  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9101110- 1	C-1	WATER	01/11/91	TPHg
9101110- 2	C-2	WATER	01/11/91	TPHg
9101110- 3	C-3	WATER	01/11/91	TPHg
9101110- 4	C-4	WATER	01/11/91	TPHg

REPORT SUMMARY  
ANAMETRIX, INC. (408)432-8192

MR. FRANK HAMEDI  
SOIL TECH ENGINEERING  
298 BROKAW ROAD  
SANTA CLARA, CA 95050

Workorder # : 9101110  
Date Received : 01/15/91  
Project ID : 8-90-421-SI  
Purchase Order: N/A  
Department : GC  
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Cheyl Balmer 1/23/91  
Department Supervisor Date

C. Fern 1/23/91  
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS  
(GASOLINE WITH BTEX)  
ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9101110  
Matrix : WATER  
Date Sampled : 01/11/91

Project Number : 8-90-421-SI  
Date Released : 01/22/91

Reporting Limit	Sample I.D.# C-1	Sample I.D.# C-2	Sample I.D.# C-3	Sample I.D.# C-4	Sample I.D.# 08B0117B
COMPOUNDS (ug/L)	-01	-02	-03	-04	BLANK
TPH as Gasoline	50	ND	14000	370	ND
% Surrogate Recovery	55%	141%	77%	80%	74%
Instrument I.D.	HP8	HP8	HP8	HP8	HP8
Date Analyzed	01/16/91	01/17/91	01/16/91	01/16/91	01/17/91
RLMF	1	10	5	1	1

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.
- RLMF - Reporting Limit Multiplication Factor.  
Anamatrix control limits for surrogate recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

C. Fern 1/23/91  
Analyst Date

Cheryl Balmer 1/23/91  
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS  
 (GASOLINE WITH BTEX)  
 ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9101110  
 Matrix : WATER  
 Date Sampled : 01/11/91

Project Number : 8-90-421-SI  
 Date Released : 01/22/91

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# 08B0116A  BLANK
TPH as Gasoline	50	ND
% Surrogate Recovery		103%
Instrument I.D.		HP8
Date Analyzed		01/16/91
RLMF		1

- 
- ND - Not detected at or above the practical quantitation limit for the method.
  - TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using EPA Method 5030.
  - BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA 8020.
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Ci Fen                      1/23/91  
 Analyst                                      Date

Cheryl Balma                      1/23/91  
 Supervisor                                      Date

CHAIN OF CUSTODY RECORD

Anamatrix 9/10/11/10

PROJ. NO.		NAME										
8-90-421-SI		400 SAN PABLO AVE.		ALBANY								
SAMPLERS: (Signature)												
NO.	DATE	TIME	SOIL	WATER	LOCATION	CON-TAINER	ANALYSES REQUESTED (2) TPHG					REMARKS
① 1	1/11/91	3 <sup>00</sup> PM		✓	C-1	1	✓					
② 2	1/11/91	3 <sup>00</sup> PM		✓	C-2	1	✓					
③ 3	1/11/91	3 <sup>00</sup> PM		✓	C-3	1	✓					
④ 4	1/11/91	3 <sup>18</sup> PM		✓	C-4	1	✓					
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
		1-15-91 0920						1/15/91 0940				
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks				
						01/15/91 0940		N.T.A.				



## CHAIN OF CUSTODY RECORD

*Anamatrix*

PROJ. NO. 8-90-421-SI		NAME 400 SAN PABLO AVE. ALBANY		ANALYSES REQUESTED (2) <div style="border: 1px solid black; width: 100%; height: 100%; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div>				REMARKS					
SAMPLERS: (Signature) <i>[Signature]</i>										CON-TAINER			
NO.	DATE	TIME	SOIL										
1	1/11/91	3 <sup>00</sup> PM		✓	C-1	1	✓						
2	1/11/91	3 <sup>00</sup> PM		✓	C-2	1	✓						
3	1/11/91	3 <sup>00</sup> PM		✓	C-3	1	✓						
4	1/11/91	3 <sup>00</sup> PM		✓	C-4	1	✓						
Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 1-15-91 0920		Received by: (Signature) <i>Benny Carrizosa</i>		Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks  <div style="text-align: center; font-size: 2em;">N. T. A.</div>					

