



KAMUR INDUSTRIES INC.

2351 Shoreline Dr., Alameda, CA 94501 - (415) 523-7866
9/1/89 11:39

March 28, 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 samplings done in the El Cerrito creek on February 6, 1991 and March 6, 1991 at the end of significant rainfalls. The analysis of the February 6th sampling was done by Anametrix, Inc. of San Jose, and the analysis of the March 6th sample was done by Superior Analytical Lab of San Francisco. Both results were tabulated by Soil Tech Engineering.

The rain storms after the March 6th sample have been continuous with no 48 hour break between significant storms. We are intending to sample on March 29th and will report these results when they are received.

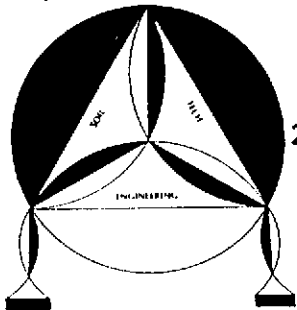
As I believe you both know I authorized Soil Tech Engineering to drill two additional monitoring wells, the location of which Soil Tech Engineering worked out with Gil Wistar. These new wells along with the two previously monitored wells plus the additional well located between the car wash and the paint shop were sampled on March 11th. The results of these tests will be forthcoming. From what I understand there was no free product observed in any of the wells prior to sampling.

Please contact me if you have any further questions.

Sincerely,

Murray T. Stevens

MTS:khs
encls.
cc: Soil Tech Engineering



SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

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

March 22, 1991

File No. 8-90-421-SI

Kamur Industries
2351 Shoreline Drive
Alameda, California 94501

ATTENTION: MR. MURRAY STEVENS

SUBJECT: FEBRUARY AND MARCH 1991 SAMPLING OF EL CERRITO CREEK
LOCATED ADJACENT TO PLAZA CAR WASH
400 San Pablo Avenue, in
San Pablo, California

Dear Mr. Stevens:

This letter summarizes the surface water sampling of El Cerrito Creek for Kamur Industries by Soil Tech Engineering, Inc. The El Cerrito Creek is located north of Plaza Car Wash at 400 San Pablo Avenue, in Albany, California. The water sampling is the on-going monitoring program to be conducted during raining season 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) as required by the California Regional Water Control Board. The four stations are designated as:

- 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

Grab water samples taken at the designated locations were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPHg) only.

The grab 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 mild petroleum odor was noted coming from the storm drain outlet only but no visible sheen was observed.

The analytical results are summarized in Table 1. Results of the samples taken on February 6, 1991, detected TPHg (11 mg/l) at the storm drain outlet (C-2) only. Where as on March 6, 1991, three of the four stations did detected TPHg. At station C-2, TPHg was 55 mg/l; C-3 was 1.1 mg/l; and at C-4, TPHg was 0.12 mg/l respectively.

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.

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

Sincerely,

SOIL TECH ENGINEERING, INC.



FRANK HAMEDI-FARD
GENERAL MANAGER



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

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
02/06/91	ND	11	ND	ND
03/06/91	ND	55	1.1	0.12

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

SOIL TECH ENGINEERING, INC.

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 # : 9102073
 Date Received : 02/07/91
 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
9102073- 1	1
9102073- 2	2
9102073- 3	3
9102073- 4	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
 Laboratory Director

2-19-91

 Date

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

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

Workorder # : 9102073
Date Received : 02/07/91
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
9102073- 1	1	WATER	02/06/91	TPHg
9102073- 2	2	WATER	02/06/91	TPHg
9102073- 3	3	WATER	02/06/91	TPHg
9102073- 4	4	WATER	02/06/91	TPHg

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

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

Workorder # : 9102073
Date Received : 02/07/91
Project ID : 8-90-421-SI
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Cheryl Balmer 2/15/91
Department Supervisor Date

Irene Jusick 02-15-91
Chemist Date

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

Anametrix W.O.: 9102073
Matrix : WATER
Date Sampled : 02/06/91

Project Number : 8-90-421-SI
Date Released : 02/15/91

	Reporting Limit	Sample I.D.# 1	Sample I.D.# 2	Sample I.D.# 3	Sample I.D.# 4	Sample I.D.# 04B0212A
COMPOUNDS	(ug/L)	-01	-02	-03	-04	BLANK
TPH as Gasoline	50	ND	11000	ND	ND	ND
% Surrogate Recovery		96%	96%	94%	107%	91%
Instrument I.D.		02/12/91	02/13/91	02/12/91	02/11/91	02/12/91
Date Analyzed		HP4	HP4	HP4	HP4	HP4
RLMF		1	10	1	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.
 RLMF - Reporting Limit Multiplication Factor.
 Anametrix control limits for surrogate recovery are 50-150%.

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

[Signature] 2.19.91
Analyst Date

[Signature] 2/19/91
Supervisor Date

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

Anamatrix W.O.: 9102073
Matrix : WATER
Date Sampled : 02/06/91

Project Number : 8-90-421-SI
Date Released : 2/15/91

	Reporting Limit	Sample I.D.#	Sample I.D.#
		04B0213B	04B0211A
-----	-----	-----	-----
COMPOUNDS	(ug/L)	BLANK	BLANK
-----	-----	-----	-----
TPH as Gasoline	50	ND	ND
% Surrogate Recovery		95%	91%
Instrument I.D.		HP4	HP4
Date Analyzed		02/12/91	02/13/91
RLMF		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.

RLMF - Reporting Limit Multiplication Factor.
Anamatrix control limits for surrogate recovery are 50-150%.

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

Arena Jusickos 02-15-91
Analyst Date

Cheyl Balmer 2/15/91
Supervisor Date

CHAIN OF CUSTODY RECORD

Anamatrix

1320

PROJ. NO. 8-90-421-SI	NAME PLAZA CAR WASH 400 SAN PABLO AVE. ALBANY					CON-TAINER	ANALYSES REQUESTED TPHG						9102073
SAMPLERS: (Signature) <i>[Signature]</i>											REMARKS		
NO.	DATE	TIME	SOIL	WATER	LOCATION								
1	2/6/91	1 ²⁵ PM		✓	C-1	1	✓					Cold proper container, no bubble.	
2	2/6/91	1 ⁵⁵ PM		✓	C-2	1	✓					6 1/2 min bubble, cold, proper container	
3	2/6/91	1 ⁵⁵ PM		✓	C-3	1	✓					46 min bubble, cold, proper container	
4	2/6/91	1 ⁵⁵ PM		✓	C-4	1	✓					Cold, proper container, NO bubble.	

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 7 FEB 1220	Received by: (Signature) <i>[Signature]</i>	Date / Time 2-7-91 1220	Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 2/7/91 1245	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) <i>[Signature]</i>	Date / Time 2/7/91 1245	Remarks N.T.A.		

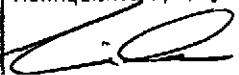
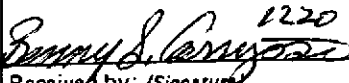


SOIL TECH ENGINEERING
Soil, Foundation and Geological Engineers

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

CHAIN OF CUSTODY RECORD

Anamatrix

PROJ. NO.		NAME				CON-TAINER	ANALYSES REQUESTED (2)				REMARKS
8-90-421-SI		PLAZA CAR WASH 400 SAN PABLO AVE. ALBANY					<div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;"> ANALYSES REQUESTED (2) TPHG </div>				
SAMPLERS: (Signature)											
NO.	DATE	TIME	SOIL	WATER	LOCATION						
1	2/6/91	1 ²⁰ PM	✓		C-1	1	✓				
2	2/6/91	1 ⁵⁰ PM	✓		C-2	1	✓				
3	2/6/91	1 ⁴⁰ PM	✓		C-3	1	✓				
4	2/6/91	1 ²⁰ PM	✓		C-4	1	✓				
Relinquished by: (Signature)			Date / Time		Received by: (Signature)		Date / Time		Received by: (Signature)		
			7 FEB 1220				1220				
Relinquished by: (Signature)			Date / Time		Received by: (Signature)		Date / Time		Received by: (Signature)		
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks		
									N.T.A.		



SOIL TECH ENGINEERING

Soil, Foundation and Geological Engineers

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

SUPERIOR ANALYTICAL LABORATORY, INC.

1555 BURKE UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

DOHS #1332

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 53285
CLIENT: Soil Tech Engineering
CLIENT JOB NO.: 8-90-421-SI

DATE RECEIVED: 03/08/91
DATE REPORTED: 03/15/91

ANALYSIS FOR TOTAL PERTROLEUM HYDROCARBONS by Modified EPA SW-846 Method 8015

LAB #	Sample Identification	Concentration (ug/L) Gasoline Range
1	C-1	ND<50
2	C-2	55000
3	C-3	1100
4	C-4	120

ug/L - parts per billion (ppb)

Minimum Detection Limit for Gasoline in Water: 50 ug/L

QAQC Summary:

Daily Standard run at 2mg/L: %DIFF Gasoline = <15%
MS/MSD Average Recovery = 88%: Duplicate RPD = 2%

Richard Srna, Ph.D.

Cecilia G. Jorgensen
Laboratory Director

OUTSTANDING QUALITY AND SERVICE

SA #53885

SUPERDK

CHAIN OF CUSTODY RECORD

PROJ. NO.		NAME		CON-TAINER	ANALYSES REQUESTED (2)	REMARKS																																				
8-90-421-ST		400 SAN PABLO AVE. ALBANY																																								
SAMPLERS: (Signature) <i>N.A.</i>																																										
NO.	DATE	TIME	SOIL	WATER	LOCATION																																					
1	3/6/91	10 ⁰⁸ AM	✓		C-1	1 ✓																																				
2	3/6/91	10 ¹⁵ AM	✓		C-2	1 ✓																																				
3	3/6/91	10 AM	✓		C-3	1 ✓																																				
4	3/6/91	10 AM	✓		C-4	1 ✓																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">Relinquished by: (Signature)</td> <td style="width:10%;">Date / Time</td> <td style="width:25%;">Received by: (Signature)</td> <td style="width:20%;">Relinquished by: (Signature)</td> <td style="width:10%;">Date / Time</td> <td style="width:15%;">Received by: (Signature)</td> </tr> <tr> <td><i>N.A.</i></td> <td>3/8/91 15¹²</td> <td><i>Angela A Blahn</i></td> <td><i>[Signature]</i></td> <td></td> <td></td> </tr> <tr> <td>Relinquished by: (Signature)</td> <td>Date / Time</td> <td>Received by: (Signature)</td> <td>Relinquished by: (Signature)</td> <td>Date / Time</td> <td>Received by: (Signature)</td> </tr> <tr> <td><i>Angela A Blahn</i></td> <td>3-8-91 16 40</td> <td><i>[Signature]</i></td> <td><i>[Signature]</i></td> <td></td> <td></td> </tr> <tr> <td>Relinquished by: (Signature)</td> <td>Date / Time</td> <td>Received for Laboratory by: (Signature)</td> <td>Date / Time</td> <td>Remarks</td> <td></td> </tr> <tr> <td><i>[Signature]</i></td> <td></td> <td><i>[Signature]</i></td> <td>3/8/91 1640</td> <td>N.T.A.</td> <td></td> </tr> </table>							Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)	<i>N.A.</i>	3/8/91 15 ¹²	<i>Angela A Blahn</i>	<i>[Signature]</i>			Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)	<i>Angela A Blahn</i>	3-8-91 16 40	<i>[Signature]</i>	<i>[Signature]</i>			Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks		<i>[Signature]</i>		<i>[Signature]</i>	3/8/91 1640	N.T.A.	
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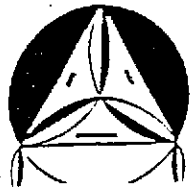


SOIL TECH ENGINEERING
Soil, Foundation and Geological Engineers

CHAIN OF CUSTODY RECORD

SUPERIOR

PROJ. NO. 8-90-421-ST		NAME 400 SAN PABLO AVE. ALBANY				CON- TAINER	ANALYSES REQUESTED (2) TPHG					REMARKS					
SAMPLERS: (Signature) <i>N.A.</i>																	
NO.	DATE	TIME	SOIL	WATER	LOCATION												
1	3/6/91	10 AM		✓	C-1	1	✓										
2	3/6/91	10 AM		✓	C-2	1	✓										
3	3/6/91	10 AM		✓	C-3	1	✓										
4	3/6/91	10 AM		✓	C-4	1	✓										
Relinquished by: (Signature) <i>N.A.</i>						Date / Time 3/8/91 15 ¹²		Received by: (Signature) <i>Angela A. Blahn</i>				Relinquished by: (Signature)		Date / Time		Receive by: (Signature)	
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Relinquished by: (Signature)						Date / Time		Received for Laboratory by: (Signature)				Date / Time		Remarks N.T.A.			



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