

# SJV CONSULTANTS

Geological • Environmental • Mechanical • Asbestos

August 12, 1991  
File No 0191022 01

Mayer Properties, Inc  
753 Peralta Avenue  
San Leandro, California 94577

Attention: Mr Leon Mayer

Subject: Quarterly Groundwater Sampling  
105th Avenue  
Oakland, California

91 AUG 30 11:11:51

Dear Mr. Mayer:

SJV Consultants is pleased to present the attached report outlining the results of the most recent quarterly sampling effort at the subject site.

Analytical results indicate that MW-1 exhibits no contamination as the analytical data indicates ND MW-2 indicates total petroleum hydrocarbons as 63 ppb based on discrete peaks which are however not indicative of gasoline This will be examined further in the October sampling

It is our recommendation that the next quarterly sampling be accomplished in October, 1991

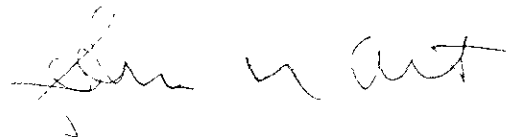
If there are any questions concerning this report please call at (510) 793 5366 A copy of this report should be forwarded to Mr. Barney Chan, of the Alameda County Department of Health under your signature

Thank you for using SJV Consultants in this matter

Regards

 A





REPORT ON WATER SAMPLING

105th Avenue Site  
Oakland, California

for

Mayer Properties, Inc  
753 Peralta Avenue  
San Leandro, California 94577

by

SJV Consultants  
P O Box 7418  
Fremont, California 94537

August 12, 1991

FILE # 103000000

## Background

Quarterly sampling of two (2) monitoring wells was initiated in April, 1991. Presently there are two monitoring wells, with the third well being abandoned during previous operations at the site. Two additional wells exist, which were for irrigation purposes. These two wells were investigated as to ability to afford elevation information. The well located in the eastern area of the property has been filled with dirt and debris and therefore is not used for groundwater elevation purposes (See Plate 1).

Another well in the north central portion of the property has groundwater in the well, with a 2" casing placed inside the original 6" steel casing. The elevation for this groundwater measurement was taken at the top of the 2" casing (See Plate 1).

## Water Sampling

Monitoring Wells 1 and 2 were purged by means of a hand pump and the water placed into two drums. Monitoring well No. 1 was purged approximately 22 gallons prior to sampling. The samples were taken in a clean 1" teflon bailer. Samples were placed in appropriate containers and stored in coolers with blue ice. Monitoring well No. 2 was purged approximately 26 gallons and the groundwater sample was taken with a clean 1" teflon bailer. Samples were collected in proper containers and stored in a cooler with blue ice.

## Analytical Results

Monitoring Wells 1 and 2 were analyzed per the following methods: TPHg, TPHd, BTX&E, Total Oil and Grease. The following table summarizes the analytical data.

TABLE I

<u>Sample No.</u>	<u>TPHg</u>	<u>TPHd</u>	<u>TOG</u>
GW-MW-1	63*	ND	ND
GW-MW-2	ND	ND	ND

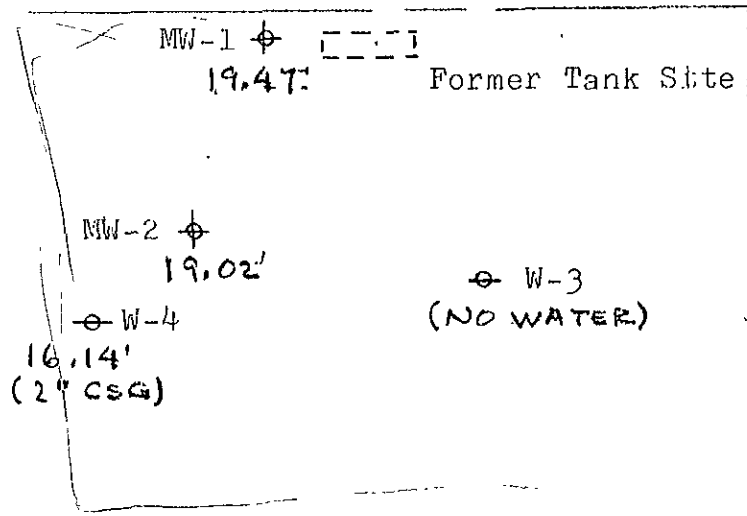
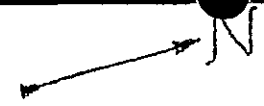
All results in ppb (parts per billion)

\* The concentration reported as qualitative is due to the presence of distillate in the sample. See the analytical report for details. See Appendix I for report of TPH - Page 4.

## Recommendations

No further testing is anticipated until October, 1991. The explanation for the 63 ppb as gasoline is unexplainable at this time and will be checked in the October sampling where a duplicate sample will be taken and run as a field blank.

105 TH AVE



- ⊕ Groundwater Monitoring Well
- ⊖ Existing Water Well

LOCATION, GROUNDWATER WELLS 105th Avenue Oakland, California		
SCALE: None	APPROVED BY:	DRAWN BY
DATE: 8-12-91		REVISED
MAYER DEVELOPMENT, INC. 753 Peralta Ave., San Leandro, CA		
SJV Consultants P.O. Box 7418, Fremont, CA		DRAWING NUMBER P-1

**ANAMETRIX INC**

Environmental & Analytical Chemistry  
 4951 Concourse Drive Suite E, San Jose, CA 95131  
 (408) 432-8192 • Fax (408) 432-8198

**REPORT**

MR. KENT MADENWALD  
 SJV CONSULTANTS  
 P.O. BOX 7418  
 FREMONT, CA 94537

Workorder # : 9107348  
 Date Received : 07/30/91  
 Project ID : 0191022.00  
 Purchase Order: N/A

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

ANAMETRIX ID	CLIENT SAMPLE ID
9107348- 1	GW-MW-1
9107348- 2	GW-MW-2

This report consists of 9 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.

*Sarah Schoen*

\_\_\_\_\_  
 Sarah Schoen, Ph.D.  
 Laboratory Manager

*08-08-91*

\_\_\_\_\_  
 Date

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

MR. KENT MADENWALD  
SJV CONSULTANTS  
P.O. BOX 7418  
FREMONT, CA 94537

Workorder # : 9107348  
Date Received : 07/30/91  
Project ID : 0191022.00  
Purchase Order: N/A  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9107348- 1	GW-MW-1	WATER	07/29/91	TPHd
9107348- 2	GW-MW-2	WATER	07/29/91	TPHd
9107348- 1	GW-MW-1	WATER	07/29/91	TPHg
9107348- 2	GW-MW-2	WATER	07/29/91	TPHg





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

Anamatrix W.O.: 9107348  
 Matrix : WATER  
 Date Sampled : 07/29/91

Project Number : 0191022.00  
 Date Released : 08/08/91

Reporting Limit	Sample I.D.# GW-MW-1	Sample I.D.# GW-MW-2	Sample I.D.# 04B0801B
COMPOUNDS (ug/L)	-01	-02	BLANK
TPH as Gasoline	50	ND	63
% Surrogate Recovery	102%	113%	100%
Instrument I.D.	HP4	HP4	HP4
Date Analyzed	08/01/91	08/01/91	08/01/91
RLMF	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.  
 Anamatrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

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

Inna Sivas                      8/8/91  
 Analyst                                      Date

Cheryl Balmer                      8/8/91  
 Supervisor                                      Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS AS DIESEL  
ANAMETRIX, INC. (408) 432-8192

Anamatrix W.O.: 9107348  
 Matrix : WATER  
 Date Sampled : 07/29/91  
 Date Extracted: 08/05/91

Project Number : 0191022.00  
 Date Released : 08/08/91  
 Instrument I.D.: HP23

Anamatrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9107348-01	GW-MW-1	08/06/91	50	ND
9107348-02	GW-MW-2	08/06/91	50	ND
DWBL080591	METHOD BLANK	08/06/91	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50ug/L.

ND - Not detected at or above the practical quantitation limit for the method.

TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

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

Lucia Shor                      8/9/91  
 Analyst                                      Date

Cheryl Bales                      8/8/91  
 Supervisor                                      Date

TOTAL EXTRACTABLE HYDROCARBON METHOD SPIKE REPORT  
 EPA METHOD 3510 WITH GC/FID  
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE	Anamatrix I.D. : SPK080591
Matrix : REAGENT WATER	Analyst : IS
Date Sampled : N/A	Supervisor : S
Date Extracted: 08/05/91	Date Released : 08/08/91
Date Analyzed : 08/06/91	

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	1250	1200	96%	1300	104%	8%	35-109

\* Limits established by Anamatrix, Inc.

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

MR. KENT MADENWALD  
SJV CONSULTANTS  
P.O. BOX 7418  
FREMONT, CA 94537

Workorder # : 9107348  
Date Received : 07/30/91  
Project ID : 0191022.00  
Purchase Order: N/A  
Department : PREP  
Sub-Department: PREP

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9107348- 1	GW-MW-1	WATER	07/29/91	5520BF
9107348- 2	GW-MW-2	WATER	07/29/91	5520BF

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

MR. KENT MADENWALD  
SVJ CONSULTANTS  
P.O. BOX 7418  
FREMONT, CA 94537

Workorder # : 9107348  
Date Received : 07/30/91  
Project ID : 0191022.00  
Purchase Order: N/A  
Department : PREP  
Sub-Department: PREP

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

*Kent Madenwald*      *August, 5<sup>th</sup> 1991*  
Department Supervisor      Date

*Edith*      *08 06 91*  
Chemist      Date

ANALYSIS DATA SHEET - TOTAL OIL AND GREASE  
 ANAMETRIX, INC. (408) 432-8192

Project # : 0191022.00  
 Matrix : WATER  
 Date sampled : 07/29/91  
 Date ext. TOG: 08/02/91  
 Date anl. TOG: 08/02/91

Anamatrix I.D. : 9107348  
 Analyst : *APP*  
 Supervisor : *SP*  
 Date released : 08/05/91

Workorder #	Sample I.D.	Reporting Limit (mg/L)	Amount Found (mg/L)
9107348-01	GW-MW-1	5	ND
9107348-02	GW-MW-2	5	ND
GWBL080291	METHOD BLANK	5	ND


ND - Not detected at or above the practical quantitation limit for the method.

TOG - Total Oil & Grease is determined by Standard Method 5520BF.

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

TOTAL OIL AND GREASE METHOD SPIKE  
 STANDARD METHOD 5520BF  
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE  
 Matrix : WATER  
 Date Sampled : N/A  
 Date extracted: 08/02/91  
 Date analyzed : 08/02/91

Anamatrix I.D. : SPK080291  
 Analyst : ARR  
 Supervisor :   
 Date Released : 08/05/91

COMPOUND	SPIKE AMT. (mg/L)	MS (mg/L)	%REC MS	MSD (mg/L)	%REC MSD	%RPD	%REC LIMITS
Motor Oil	50	48	96%	48	96%	0%	47-99%

\* Quality control limits established by Anamatrix, Inc.

9107348

10/8

10/13

2) CH 12/15

# CHAIN OF CUSTODY RECORD

SJV CONSULTANTS

### PERSONNEL

### SITE INFORMATION

Sampler (Signature) [Signature]  
 Phone 415 293 4366  
 Field Crew Supervisor \_\_\_\_\_  
 Field Company \_\_\_\_\_  
 Project Geologist/Engineer K.A.M.

Job Name LINNET PROPERTIES  
 Job Number 0191022.00  
 Sample Location 105 TH AVE  
LA JOLLA, CA.  
 P.O. Number \_\_\_\_\_

Relinquished by (Signature) <u>[Signature]</u>	Received by (Signature) <u>Calvin Polanco</u>	Date <u>07-30-91</u>	Time <u>11:00</u>
Relinquished by (Signature) _____	Received by (Signature) _____	Date _____	Time _____

Analysis laboratory should complete "sample cond. upon receipt" section below, sign, and return copy to Shipper

Sample Number	Sample Type	No. of Cont.	Site Identification	Date Sampled	Analysis Requested	Sample Cond. Upon Receipt
GW-MW-1	H <sub>2</sub> O	2		7-29	TOG	
GW-MW-1	"	1		7-29	TPH (G)	
GW-MW-1	"	2		7-29	TPH (D)	
GW-MW-2	H <sub>2</sub> O	2		7-29	TOG	
GW-MW-2	"	1		7-29	TPH (G)	
GW-MW-2	"	2		7-29	TPH (D)	

SAMPLE #1  
 3 UOA FOR BTEX/TPH  
 2 LITER FOR TPHD  
 2 LITER FOR TOG  
 SAMPLE #2  
 3 UOA FOR BTEX/TPH  
 2 LITER FOR TPHD  
 2 LITER FOR TOG

SAMPLES COLD  
 PROPER CONTAINER  
 NO HEADSPACE  
 LIDS ON TOG  
 WAS PRESERVED

Remarks:

For Tpg

SAMPLE SHIPPED LIDS