SJV CONSULTANTS

Geological • Environmental • Mechanical • Asbestos

91 MAY -6 P1:3:00

April 2! 1991
File No s 0190001 and 019·004

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

Attention: Mr Leon Mayer

Subject. Report on Soil and Water Sampling
109th Avenue
Hayward California

Dear Mr Mayer·

SJV Consultants is oleased tc present the attached reoirt on the recent soil and water sampling at the subject site Analyses indicate that the water in the two monitoring wells is "ND" (not detected) whereas the soil sample collected at S-4 at a oecth of twelve feet is slightly contaminated with hydrocarbons

It is our opinion that the contamination is from residual soil and as the soil samples taken from a lower oepth did not indicate any contamination, it is unlikely that this soil horizon would affect the groundwater The sample was taken from a hole filled with water and no sheen or odor was present in the hole during sampling

It is the recommendation of SJV Consultants that no further soil samoling oe done at the site and that the quarterly sampling of the groundwater be accomplished as required

If there are any questions concerning this report olease call (415)-[illegible]5366 A copy of this report should be forwarded to Mr Barney Chan, of the Alameda County Health Oecartment, under your signature

Thank you for using SJV Consultants in this matter

Regards

P O Box 7418 • Fremont, CA 94537
(415) 793-5366 • FAX (415) 796-3114

238 N Fresno • Fresno CA 93727
(209) 445 03.0 • FAX (209) 486 2200

5-4 140ppm

REPORT ON SOIL AND WATER SAMPLING

105th Street Site
Hayward, California

for

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

by

SJV Consultants
P.O. Box 7418
Fremont, California 94537

April 21, 1991

File No's.

0190002 and 0191006

Kent A Madenwald, PE, RG

John N. Alt, CEG 1136

REPORT ON SOIL AND WATER SAMPLING

Background

A waste oil tank was removed from the northern edge of the property and contaminated soil was found below and adjacent to the tank. Verl's Construction Co., performed some preliminary trenching and determined the approximate perimeter of the contaminant plume in the soil. Further work was accomplished by SCS Engineers when three (3) monitoring wells were installed and developed Water samples indicated various degrees of contamination In the effort to remediate the contaminated soil, monitoring well MW-3 was destroyed The contaminated soil was removed from the excavation and is presently being bioremediated on the site Clean soil, obtained from another part of the property was used as backfill for the excavated area

The need for the present sampling event was per the requirements of the Alameda County Department of Health which wanted confirmation that the soil that was put into the excavation was clean Also, the ACDH requested that the quarterly sampling event be initiated.

Soil Sampling

Soil samples were collected at locations selected by Mr Barney Chan, of the Alameda Department of Health (See Plate 1) A backhoe was used to dig to the appropriate depth and then a sample of soil was brought to the surface and the brass tube pounded into the soil Four locations were chosen and labeled S-1 thru S-4 The following are depths and lithologies for the samples:

S-1	20 feet	Yellow clay with organic matter, no odor
S-2	20 feet	Yellow-gray clay, no odor
S-3	20 feet	Gray clay, no odor
S-4	12 feet	Sand, fine grained, fine gravel, grav, uncon-solidated

Sample Preservation

[illegible]

Soil and Water Sampling Report (continued)

Soil Analyses

Four (4) soil samples were analyzed for Base Neutral and Acid Extractables (EPA Method 8270) and all were "ND" (See Appendix I).

Four (4) soil samples were analyzed for TPHd and TPHg/BTXE (EPA Methods 5030, 8020 and 3550) and all samples were "ND" (See Appendix I)

Four soil samples were analyzed for Total Oil and Grease (EPA Method 5520EF) and samples S-1, S-2, S-3 were "ND. Soil sample S-4 was noted at 140 ppm (See Appendix I).

Water Sampling

Two (2) water samples were taken from Monitoring Wells 1 and 2 on April 5, 1991. Static water level of well No.2 (before purging) was 9'-8" from the low point of the tubing (western edge) Approximately 30 gallons were purged from the well and 16 minutes were required for the well to reach equilibrium. Well No 1 static water level was at 9'-8.8" (before purging). Water recovery was extremely slow and 1 5 hours were required to obtain 15 gallons of purge water Neither water samples exhibited any sheen or odor The water samples were placed in 40 ml vials and four (4) 1 liter amber jars. All sample containers were labeled in the field and proper notation made on the COC form.

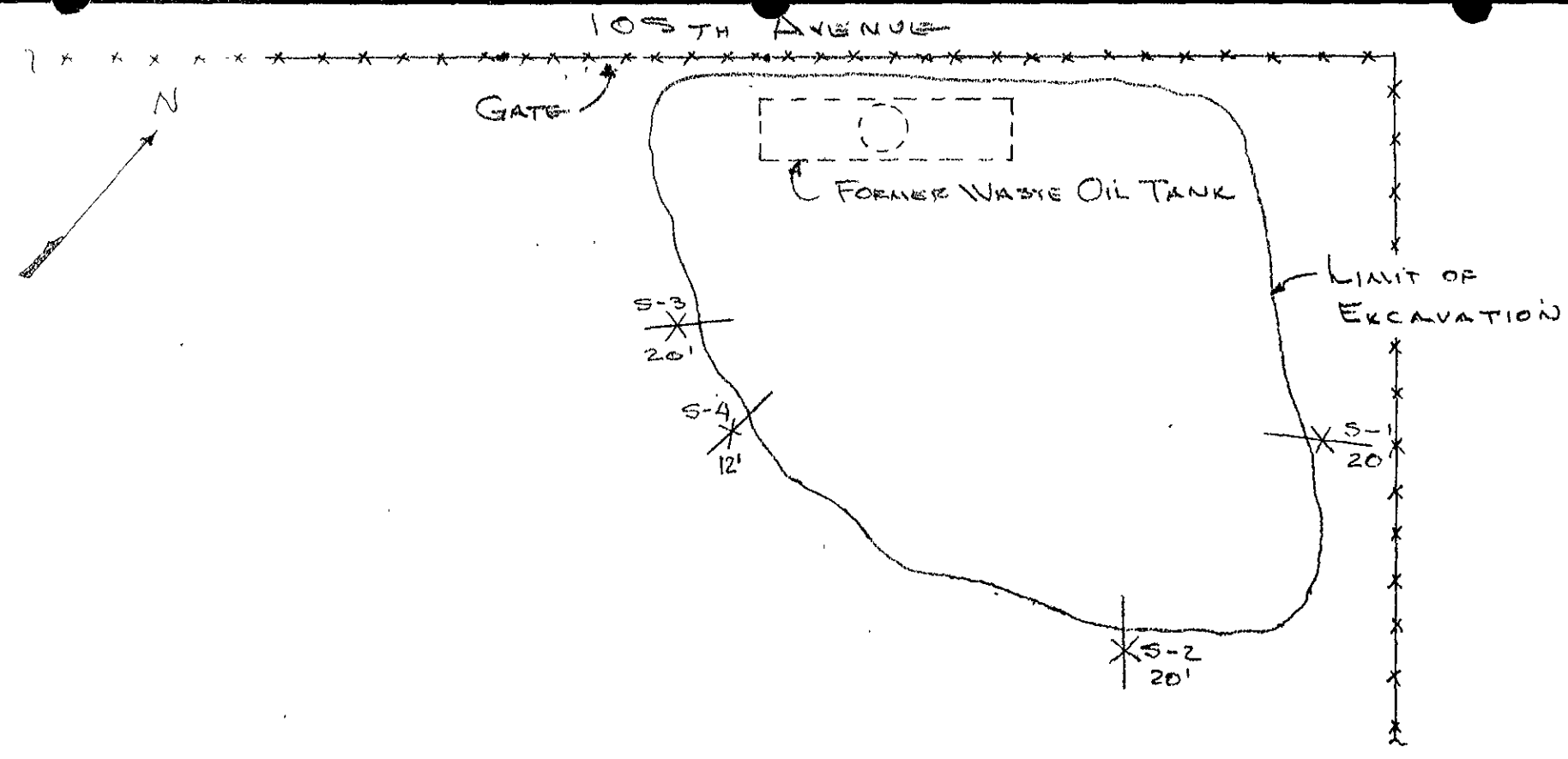
Water Analyses

Two (2) water samples were analyzed for Base Neutral and Acid Extractables (EPA Method 625). All results were "ND" (See Appendix II).

Two (2) water samples were analyzed for TPHd and TPHg/BTXE (EPA Methods 5030 and 8020) All results were "ND" (See Appendix II)

Two (2) water samples were analyzed for TPHd (EPA Method 3510) All results were "ND" (See Appendix II)

Two (2) water samples were analyzed for Total Oil and Grease (EPA Method 5520EF) All results were "ND" (See Appendix II)



MAYER PROPERTIES

105th AVE
HAYWARD, CA

SCALE: NONE	APPROVED BY:	DRAWN BY
DATE: 4-21-91		REVISED

SOIL SAMPLE LOCATIONS

SJV CONSULTANTS

DRAWING NUMBER
PLATE 1.

APPENDIX 1

1. Chain of Custody Forms
2. Anametrix Soil Analytical Data

CHAIN OF CUSTODY RECORD

SJV CONSULTANTS

PERSONNEL

Sampler (Signature) [signature]

Phone 415-793-5366

FAX-415-796-3114

Field Crew Supervisor —

Field Company S.J.V. CONSULTANTS

Project Geologist/Engineer K. A. MACKENZIE

SITE INFORMATION

Job Name MAYER PROPERTIES

Job Number 0191006.00

Sample Location 105TH AVE. HAYWARD.

P.O. Number —

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	Calvin Robinson	04-03-91	12:40
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
S-1	SOIL	1	20'	4-2-91	TPH(Gas & BTEX 5520 E&F & 8270	ALL
S-2	SOIL	1	20'	4-2-91		
S-3	SOIL	1	20'	4-2-91		
S-4	SOIL	1	12'	4-2-91		

Remarks: ALL SAMPLES IN PROPER CONTAINER, COLD NO HEADSPACE IN SAMPLES 1-3 SAMPLES 4 had HEADSPACE.

ANAMETRIX INC
Environmental & Analytical Chemistry
1961 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 # : 9104034
Date Received : 04/03/91
Project ID : 0191006.00
Purchase Order: N/A

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

ANAMETRIX ID	CLIENT SAMPLE ID
9104034- 1	S-1
9104034- 2	S-2
9104034- 3	S-3
9104034- 4	S-4

This report consists of 25 pages not including the cover letter, and is organized in sections according to the specific Anametrix 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 Anametrix 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.

Anametrix 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 Anametrix.

Sarah Schoen, Ph.D.
Laboratory Manager

4-17-91
Date

ANAMETRIX REPORT DESCRIPTION
GCMS

Organic Analysis Data Sheets (OADS)

OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Anametrix ID number.

Tentatively Identified Compounds (TICs)

TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted at Anametrix. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)

SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labelled "Total Out".

Matrix Spike Recovery Form (MSR)

MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers

Anametrix uses several data qualifiers (Q) in it's report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- B - Indicates that the compound was detected in the associated method blank.
- J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- E - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- D - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- A - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 soil analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

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

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

Workorder # : 9104034
Date Received : 04/03/91
Project ID : 0191006.00
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9104034- 1	S-1	SOIL	04/02/91	8270
9104034- 2	S-2	SOIL	04/02/91	8270
9104034- 3	S-3	SOIL	04/02/91	8270
9104034- 4	S-4	SOIL	04/02/91	8270

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

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

Workorder # : 9104034
Date Received : 04/03/91
Project ID : 0191006.00
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- No QA/QC problems encountered.

Paul Howan 4-16-91
Department Supervisor Date

Laura Mauch 4/16/91
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	: 0191006.	Anametrix ID	: 9104034-01
Sample ID	: S-1	Analyst	: LM
Matrix	: SOIL	Supervisor	: PG
Date Sampled	: 4/ 2/91		
Date Extracted	: 4/ 4/91		
Amount Extracted	: 30.0 g		
Date Analyzed	: 4/ 8/91	Dilution Factor	: 1.00
Instrument ID	: F2	Conc. Units	: ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	330.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	330.	ND	U
95-57-8	2-CHLOROPHENOL	330.	ND	U
541-73-1	1,3-DICHLOROBENZENE	330.	ND	U
106-46-7	1,4-DICHLOROBENZENE	330.	ND	U
100-51-6	BENZYL ALCOHOL	330.	ND	U
95-50-1	1,2-DICHLOROBENZENE	330.	ND	U
95-48-7	2-METHYLPHENOL	330.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	330.	ND	U
106-44-5	4-METHYLPHENOL	330.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	330.	ND	U
67-72-1	HEXACHLOROETHANE	330.	ND	U
98-95-3	NITROBENZENE	330.	ND	U
78-59-1	ISOPHORONE	330.	ND	U
88-75-5	2-NITROPHENOL	330.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	330.	ND	U
65-85-0	BENZOIC ACID	1700.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	330.	ND	U
120-83-2	2,4-DICHLOROPHENOL	330.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	330.	ND	U
91-20-3	NAPHTHALENE	330.	ND	U
106-47-8	4-CHLOROANILINE	330.	ND	U
87-68-3	HEXACHLOROBUTADIENE	330.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	330.	ND	U
91-57-6	2-METHYLNAPHTHALENE	330.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	330.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	330.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	1700.	ND	U
91-58-7	2-CHLORONAPHTHALENE	330.	ND	U
88-74-4	2-NITROANILINE	1700.	ND	U
131-11-3	DIMETHYLPHTHALATE	330.	ND	U
208-96-8	ACENAPHTHYLENE	330.	ND	U
606-20-2	2,6-DINITROTOLUENE	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-1
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 9104034-01
Analyst : JM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	1700.	ND	U
83-32-9	ACENAPHTHENE	330.	ND	U
51-28-5	2,4-DINITROPHENOL	1700.	ND	U
100-02-7	4-NITROPHENOL	1700.	ND	U
132-64-9	DIBENZOFURAN	330.	ND	U
121-14-2	2,4-DINITROTOLUENE	330.	ND	U
84-66-2	DIETHYLPHTHALATE	330.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	330.	ND	U
86-73-7	FLUORENE	330.	ND	U
100-01-6	4-NITROANILINE	1700.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1700.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	330.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	330.	ND	U
118-74-1	HEXACHLOROBENZENE	330.	ND	U
87-86-5	PENTACHLOROPHENOL	1700.	ND	U
85-01-8	PHENANTHRENE	330.	ND	U
120-12-7	ANTHRACENE	330.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	330.	ND	U
206-44-0	FLUORANTHENE	330.	ND	U
129-00-0	PYRENE	330.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	330.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	670.	ND	U
56-55-3	BENZO(A)ANTHRACENE	330.	ND	U
218-01-9	CHRYSENE	330.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	330.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	330.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	330.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	330.	ND	U
50-32-8	BENZO(A)PYRENE	330.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	330.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	330.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	330.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	330.	ND	U
4165-61-1	ANILINE	330.	ND	U
103-33-3	AZOBENZENE	330.	ND	U
92-87-5	BENZIDINE	1700.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-2
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 9104034-02
Analyst : UH
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	330.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	330.	ND	U
95-57-8	2-CHLOROPHENOL	330.	ND	U
541-73-1	1,3-DICHLOROBENZENE	330.	ND	U
106-46-7	1,4-DICHLOROBENZENE	330.	ND	U
100-51-6	BENZYL ALCOHOL	330.	ND	U
95-50-1	1,2-DICHLOROBENZENE	330.	ND	U
95-48-7	2-METHYLPHENOL	330.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	330.	ND	U
106-44-5	4-METHYLPHENOL	330.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	330.	ND	U
67-72-1	HEXACHLOROETHANE	330.	ND	U
98-95-3	NITROBENZENE	330.	ND	U
78-59-1	ISOPHORONE	330.	ND	U
88-75-5	2-NITROPHENOL	330.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	330.	ND	U
65-85-0	BENZOIC ACID	1700.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	330.	ND	U
120-83-2	2,4-DICHLOROPHENOL	330.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	330.	ND	U
91-20-3	NAPHTHALENE	330.	ND	U
106-47-8	4-CHLOROANILINE	330.	ND	U
87-68-3	HEXACHLOROBUTADIENE	330.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	330.	ND	U
91-57-6	2-METHYLNAPHTHALENE	330.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	330.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	330.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	1700.	ND	U
91-58-7	2-CHLORONAPHTHALENE	330.	ND	U
88-74-4	2-NITROANILINE	1700.	ND	U
131-11-3	DIMETHYLPHTHALATE	330.	ND	U
208-96-8	ACENAPHTHYLENE	330.	ND	U
606-20-2	2,6-DINITROTOLUENE	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-2
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 9104034-02
Analyst : UM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	1700.	ND	U
83-32-9	ACENAPHTHENE	330.	ND	U
51-28-5	2,4-DINITROPHENOL	1700.	ND	U
100-02-7	4-NITROPHENOL	1700.	ND	U
132-64-9	DIBENZOFURAN	330.	ND	U
121-14-2	2,4-DINITROTOLUENE	330.	ND	U
84-66-2	DIETHYLPHTHALATE	330.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	330.	ND	U
86-73-7	FLUORENE	330.	ND	U
100-01-6	4-NITROANILINE	1700.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1700.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	330.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	330.	ND	U
118-74-1	HEXACHLOROBENZENE	330.	ND	U
87-86-5	PENTACHLOROPHENOL	1700.	ND	U
85-01-8	PHENANTHRENE	330.	ND	U
120-12-7	ANTHRACENE	330.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	330.	ND	U
206-44-0	FLUORANTHENE	330.	ND	U
129-00-0	PYRENE	330.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	330.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	670.	ND	U
56-55-3	BENZO(A)ANTHRACENE	330.	ND	U
218-01-9	CHRYSENE	330.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	330.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	330.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	330.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	330.	ND	U
50-32-8	BENZO(A)PYRENE	330.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	330.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	330.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	330.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	330.	ND	U
4165-61-1	ANILINE	330.	ND	U
103-33-3	AZOBENZENE	330.	ND	U
92-87-5	BENZIDINE	1700.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-3
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 9104034-03
Analyst : UH
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	330.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	330.	ND	U
95-57-8	2-CHLOROPHENOL	330.	ND	U
541-73-1	1,3-DICHLOROBENZENE	330.	ND	U
106-46-7	1,4-DICHLOROBENZENE	330.	ND	U
100-51-6	BENZYL ALCOHOL	330.	ND	U
95-50-1	1,2-DICHLOROBENZENE	330.	ND	U
95-48-7	2-METHYLPHENOL	330.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	330.	ND	U
106-44-5	4-METHYLPHENOL	330.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	330.	ND	U
67-72-1	HEXACHLOROETHANE	330.	ND	U
98-95-3	NITROBENZENE	330.	ND	U
78-59-1	ISOPHORONE	330.	ND	U
88-75-5	2-NITROPHENOL	330.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	330.	ND	U
65-85-0	BENZOIC ACID	1700.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	330.	ND	U
120-83-2	2,4-DICHLOROPHENOL	330.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	330.	ND	U
91-20-3	NAPHTHALENE	330.	ND	U
106-47-8	4-CHLOROANILINE	330.	ND	U
87-68-3	HEXACHLOROBUTADIENE	330.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	330.	ND	U
91-57-6	2-METHYLNAPHTHALENE	330.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	330.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	330.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	1700.	ND	U
91-58-7	2-CHLORONAPHTHALENE	330.	ND	U
88-74-4	2-NITROANILINE	1700.	ND	U
131-11-3	DIMETHYLPHTHALATE	330.	ND	U
208-96-8	ACENAPHTHYLENE	330.	ND	U
606-20-2	2,6-DINITROTOLUENE	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-3
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 9104034-03
Analyst : JM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	1700.	ND	U
83-32-9	ACENAPHTHENE	330.	ND	U
51-28-5	2,4-DINITROPHENOL	1700.	ND	U
100-02-7	4-NITROPHENOL	1700.	ND	U
132-64-9	DIBENZOFURAN	330.	ND	U
121-14-2	2,4-DINITROTOLUENE	330.	ND	U
84-66-2	DIETHYLPHTHALATE	330.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	330.	ND	U
86-73-7	FLUORENE	330.	ND	U
100-01-6	4-NITROANILINE	1700.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1700.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	330.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	330.	ND	U
118-74-1	HEXACHLOROBENZENE	330.	ND	U
87-86-5	PENTACHLOROPHENOL	1700.	ND	U
85-01-8	PHENANTHRENE	330.	ND	U
120-12-7	ANTHRACENE	330.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	330.	ND	U
206-44-0	FLUORANTHENE	330.	ND	U
129-00-0	PYRENE	330.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	330.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	670.	ND	U
56-55-3	BENZO(A)ANTHRACENE	330.	ND	U
218-01-9	CHRYSENE	330.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	330.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	330.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	330.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	330.	ND	U
50-32-8	BENZO(A)PYRENE	330.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	330.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	330.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	330.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	330.	ND	U
4165-61-1	ANILINE	330.	ND	U
103-33-3	AZOBENZENE	330.	ND	U
92-87-5	BENZIDINE	1700.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-4
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 9/91
Instrument ID : F2

Anametrix ID : 9104034-04
Analyst : UH
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	330.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	330.	ND	U
95-57-8	2-CHLOROPHENOL	330.	ND	U
541-73-1	1,3-DICHLOROBENZENE	330.	ND	U
106-46-7	1,4-DICHLOROBENZENE	330.	ND	U
100-51-6	BENZYL ALCOHOL	330.	ND	U
95-50-1	1,2-DICHLOROBENZENE	330.	ND	U
95-48-7	2-METHYLPHENOL	330.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	330.	ND	U
106-44-5	4-METHYLPHENOL	330.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	330.	ND	U
67-72-1	HEXACHLOROETHANE	330.	ND	U
98-95-3	NITROBENZENE	330.	ND	U
78-59-1	ISOPHORONE	330.	ND	U
88-75-5	2-NITROPHENOL	330.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	330.	ND	U
65-85-0	BENZOIC ACID	1700.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	330.	ND	U
120-83-2	2,4-DICHLOROPHENOL	330.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	330.	ND	U
91-20-3	NAPHTHALENE	330.	ND	U
106-47-8	4-CHLOROANILINE	330.	ND	U
87-68-3	HEXACHLOROBUTADIENE	330.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	330.	ND	U
91-57-6	2-METHYLNAPHTHALENE	330.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	330.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	330.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	1700.	ND	U
91-58-7	2-CHLORONAPHTHALENE	330.	ND	U
88-74-4	2-NITROANILINE	1700.	ND	U
131-11-3	DIMETHYLPHTHALATE	330.	ND	U
208-96-8	ACENAPHTHYLENE	330.	ND	U
606-20-2	2,6-DINITROTOLUENE	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-4
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 9/91
Instrument ID : F2

Anametrix ID : 9104034-04
Analyst : UM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	1700.	ND	U
83-32-9	ACENAPHTHENE	330.	ND	U
51-28-5	2,4-DINITROPHENOL	1700.	ND	U
100-02-7	4-NITROPHENOL	1700.	ND	U
132-64-9	DIBENZOFURAN	330.	ND	U
121-14-2	2,4-DINITROTOLUENE	330.	ND	U
84-66-2	DIETHYLPHTHALATE	330.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	330.	ND	U
86-73-7	FLUORENE	330.	ND	U
100-01-6	4-NITROANILINE	1700.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1700.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	330.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	330.	ND	U
118-74-1	HEXACHLOROBENZENE	330.	ND	U
87-86-5	PENTACHLOROPHENOL	1700.	ND	U
85-01-8	PHENANTHRENE	330.	ND	U
120-12-7	ANTHRACENE	330.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	330.	ND	U
206-44-0	FLUORANTHENE	330.	ND	U
129-00-0	PYRENE	330.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	330.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	670.	ND	U
56-55-3	BENZO(A)ANTHRACENE	330.	ND	U
218-01-9	CHRYSENE	330.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	330.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	330.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	330.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	330.	ND	U
50-32-8	BENZO(A)PYRENE	330.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	330.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	330.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	330.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	330.	ND	U
4165-61-1	ANILINE	330.	ND	U
103-33-3	AZOBENZENE	330.	ND	U
92-87-5	BENZIDINE	1700.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 2CB0404C01
Analyst : CM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	330.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	330.	ND	U
95-57-8	2-CHLOROPHENOL	330.	ND	U
541-73-1	1,3-DICHLOROBENZENE	330.	ND	U
106-46-7	1,4-DICHLOROBENZENE	330.	ND	U
100-51-6	BENZYL ALCOHOL	330.	ND	U
95-50-1	1,2-DICHLOROBENZENE	330.	ND	U
95-48-7	2-METHYLPHENOL	330.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	330.	ND	U
106-44-5	4-METHYLPHENOL	330.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	330.	ND	U
67-72-1	HEXACHLOROETHANE	330.	ND	U
98-95-3	NITROBENZENE	330.	ND	U
78-59-1	ISOPHORONE	330.	ND	U
88-75-5	2-NITROPHENOL	330.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	330.	ND	U
65-85-0	BENZOIC ACID	1700.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	330.	ND	U
120-83-2	2,4-DICHLOROPHENOL	330.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	330.	ND	U
91-20-3	NAPHTHALENE	330.	ND	U
106-47-8	4-CHLOROANILINE	330.	ND	U
87-68-3	HEXACHLOROBUTADIENE	330.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	330.	ND	U
91-57-6	2-METHYLNAPHTHALENE	330.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	330.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	330.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	1700.	ND	U
91-58-7	2-CHLORONAPHTHALENE	330.	ND	U
88-74-4	2-NITROANILINE	1700.	ND	U
131-11-3	DIMETHYLPHTHALATE	330.	ND	U
208-96-8	ACENAPHTHYLENE	330.	ND	U
606-20-2	2,6-DINITROTOLUENE	330.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Extracted : 4/ 4/91
Amount Extracted : 30.0 g
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 2CB0404C01
Analyst : JH
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	1700.	ND	U
83-32-9	ACENAPHTHENE	330.	ND	U
51-28-5	2,4-DINITROPHENOL	1700.	ND	U
100-02-7	4-NITROPHENOL	1700.	ND	U
132-64-9	DIBENZOFURAN	330.	ND	U
121-14-2	2,4-DINITROTOLUENE	330.	ND	U
84-66-2	DIETHYLPHTHALATE	330.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	330.	ND	U
86-73-7	FLUORENE	330.	ND	U
100-01-6	4-NITROANILINE	1700.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1700.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	330.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	330.	ND	U
118-74-1	HEXACHLOROBENZENE	330.	ND	U
87-86-5	PENTACHLOROPHENOL	1700.	ND	U
85-01-8	PHENANTHRENE	330.	ND	U
120-12-7	ANTHRACENE	330.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	330.	ND	U
206-44-0	FLUORANTHENE	330.	ND	U
129-00-0	PYRENE	330.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	330.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	670.	ND	U
56-55-3	BENZO(A)ANTHRACENE	330.	ND	U
218-01-9	CHRYSENE	330.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	330.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	330.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	330.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	330.	ND	U
50-32-8	BENZO(A)PYRENE	330.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	330.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	330.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	330.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	330.	ND	U
4165-61-1	ANILINE	330.	ND	U
103-33-3	AZOBENZENE	330.	ND	U
92-87-5	BENZIDINE	1700.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Matrix : SOLID

Anametrix ID : 9104034
Analyst : UH
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
1	BLANK	75	67	61	69	81	69	0
2	S-1	64	60	54	61	64	62	0
3	S-2	67	64	57	68	64	70	0
4	S-3	69	63	55	65	75	66	0
5	S-4	70	63	54	63	72	64	0
1	S-1MS	69	65	55	64	74	64	0
1	S-1MSD	67	64	53	62	71	62	0
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(14-118)
SU2 = PHENOL-D5	(20-122)
SU3 = NITROBENZENE-D5	(11-101)
SU4 = 2-FLUOROBIPHENYL	(17-102)
SU5 = 2,4,6-TRIBROMOPHENOL	(14-151)
SU6 = TERPHENYL-D14	(10- 74)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0191006.
Sample ID : S-1
Matrix : SOIL
Date Sampled : 4/ 2/91
Date Extracted : 4/ 4/91
Date Analyzed : 4/ 8/91
Instrument ID : F2

Anametrix ID : 9104034-01
Analyst : UH
Supervisor : PG

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	%REC LIMITS
PHENOL	3333.	0.	2589.	78	14-118
2-CHLOROPHENOL	3333.	0.	2676.	80	31-113
1,4-DICHLOROBENZENE	1667.	0.	1327.	80	32-104
N-NITROSO-DI-N-PROP.(1)	1667.	0.	1589.	95	27-120
1,2,4-TRICHLOROBENZENE	1667.	0.	1406.	84	33-114
4-CHLORO-3-METHYLPHENOL	3333.	0.	2764.	83	32-125
ACENAPHTHENE	1667.	0.	1474.	88	34-115
4-NITROPHENOL	3333.	0.	2872.	86	32-129
2,4-DINITROTOLUENE	1667.	0.	1286.	77	20-126
PENTACHLOROPHENOL	3333.	0.	2928.	88	29-150
PYRENE	1667.	0.	1713.	103	28-143

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
PHENOL	3333.	2579.	77	0	35	14-118
2-CHLOROPHENOL	3333.	2584.	78	3	50	31-113
1,4-DICHLOROBENZENE	1667.	1282.	77	3	27	32-104
N-NITROSO-DI-N-PROP.(1)	1667.	1486.	89	7	38	27-120
1,2,4-TRICHLOROBENZENE	1667.	1370.	82	3	23	33-114
4-CHLORO-3-METHYLPHENOL	3333.	2683.	80	3	33	32-125
ACENAPHTHENE	1667.	1403.	84	5	19	34-115
4-NITROPHENOL	3333.	2693.	81	6	50	32-129
2,4-DINITROTOLUENE	1667.	1226.	74	5	47	20-126
PENTACHLOROPHENOL	3333.	2757.	83	6	47	29-150
PYRENE	1667.	1630.	98	5	36	28-143

* Value is outside of Anametrix QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

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

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

Workorder # : 9104034
Date Received : 04/03/91
Project ID : 0191006.00
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9104034- 1	S-1	SOIL	04/02/91	TPHd
9104034- 2	S-2	SOIL	04/02/91	TPHd
9104034- 3	S-3	SOIL	04/02/91	TPHd
9104034- 4	S-4	SOIL	04/02/91	TPHd
9104034- 1	S-1	SOIL	04/02/91	TPHg/BTEX
9104034- 2	S-2	SOIL	04/02/91	TPHg/BTEX
9104034- 3	S-3	SOIL	04/02/91	TPHg/BTEX
9104034- 4	S-4	SOIL	04/02/91	TPHg/BTEX

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

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

Workorder # : 9104034
Date Received : 04/03/91
Project ID : 0191006.00
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The diesel matrix spike duplicate recovery was outside of Anametrix control limits.

Department Supervisor Date

Chemist Date

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

Anametrix W.O.: 9104034
Matrix : SOIL
Date Sampled : 04/02/91

Project Number : N/A
Date Released : 0191006.00

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# S-1 -01	Sample I.D.# S-2 -02	Sample I.D.# S-3 -03	Sample I.D.# S-4 -04	Sample I.D.# 04B0405B BLANK
Benzene	0.005	ND	ND	ND	ND	ND
Toluene	0.005	ND	ND	ND	ND	ND
Ethylbenzene	0.005	ND	ND	ND	ND	ND
Total Xylenes	0.005	ND	ND	ND	ND	ND
TPH as Gasoline	0.5	ND	ND	ND	ND	ND
% Surrogate Recovery		107%	138%	105%	56%	121%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		04/05/91	04/05/91	04/05/91	04/08/91	04/05/91
RLMF		1	1	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.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020.
RLMF - Reporting Limit Multiplication Factor.
Anametrix control limits for surrogate recovery are 53-147%.

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

Analyst Date 4/10/91

Supervisor Date

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

Anametrix W.O.: 9104034
Matrix : SOIL
Date Sampled : 04/02/91

Project Number : 0191006.00
Date Released : 04/10/91

COMPOUNDS	Reporting Limit (mg/Kg)	Sample I.D.# 04B0408B BLANK
Benzene	0.005	ND
Toluene	0.005	ND
Ethylbenzene	0.005	ND
Total Xylenes	0.005	ND
TPH as Gasoline	0.5	ND
% Surrogate Recovery		115%
Instrument I.D.		HP4
Date Analyzed		04/08/91
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 Method 8020.
RLMF - Reporting Limit Multiplication Factor.
Anametrix control limits for surrogate recovery are 53-147%.

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

Larry Voight 4/10/91
Analyst Date

Supervisor Date

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

Anametrix W.O.: 9104034
Matrix : SOIL
Date Sampled : 04/02/91
Date Extracted: 04/04/91

Project Number : 0191006.00
Date released : 04/10/91
Instrument I.D.: HP9

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9104034-01	S-1	04/05/91	10	ND
9104034-02	S-2	04/05/91	10	ND
9104034-03	S-3	04/05/91	10	ND
9104034-04	S-4	04/05/91	10	ND
DSBL040491	METHOD BLANK	04/04/91	10	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 10mg/Kg.
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 3550.

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

Analyst 04-17-91 Date

Supervisor 4-17-91 Date

TOTAL EXTRACTABLE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 3550 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 0191006.00 S-1
Matrix : SOIL
Date sampled : 04/02/91
Date extracted: 04/04/91
Date analyzed : 04/05/91

Anametrix I.D. : 9104034-01
Analyst : IY
Supervisor : CB
Date Released : 04/10/91

COMPOUND	SPIKE AMT. (mg/Kg)	MS (mg/Kg)	%REC MS	MSD (mg/Kg)	%REC MSD	RPD	%REC LIMITS
Diesel	83	56	67%	41	49%	-31%	50-130

* Limits established by Anametrix, Inc.

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

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

Workorder # : 9104034
Date Received : 04/03/91
Project ID : 0191006.00
Purchase Order: N/A
Department : PREP
Sub-Department: PREP

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9104034- 1	S-1	SOIL	04/02/91	5520EF
9104034- 2	S-2	SOIL	04/02/91	5520EF
9104034- 3	S-3	SOIL	04/02/91	5520EF
9104034- 4	S-4	SOIL	04/02/91	5520EF

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

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

Workorder # : 9104034
Date Received : 04/03/91
Project ID : 0191006.00
Purchase Order: N/A
Department : PREP
Sub-Department: PREP

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

April 16th 1991
Department Supervisor Date

4/16/91
Chemist Date

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

Project # : 0191006.00
Matrix : SOIL
Date sampled : 04/02/91
Date ext. TOG: 04/04/91
Date anl. TOG: 04/04/91

Anametrix I.D. : 9104034
Analyst :
Supervisor :
Date released : 04/10/91

Workorder #	Sample I.D.	Reporting Limit (mg/Kg)	Amount Found (mg/Kg)
9104034-01	S-1	30	ND
9104034-02	S-2	30	ND
9104034-03	S-3	30	ND
9104034-04	S-4	30	140
GSBL040491	METHOD BLANK	30	ND

ND - Not detected at or above the practical quantitation limit for the method.
TOG - Total Oil & Grease is determined by Standard Method 5520EF.

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

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

Sample I.D. : 0191006.00 S-1
Matrix : SOIL
Date sampled : 04/02/91
Date extracted: 04/04/91
Date analyzed : 04/04/91

Anametrix I.D. : 9104034-01
Analyst : APP
Supervisor : [illegible]
Date Released : 04/15/91

COMPOUND	SPIKE AMT. (mg/Kg)	9104034 MS (mg/Kg)	%REC MS	9104034 MSD (mg/Kg)	%REC MSD	RPD	% REC LIMITS
Motor Oil	300	240	80%	230	77%	4.3%	48-114%

* Quality control limits established by Anametrix, Inc.

APPENDIX 2

1. Chain of Custody Form.
2. Anametrix Water Analytical Data

9104066 10/2 (1) (2) 10:45

CHAIN OF CUSTODY RECORD

SJV CONSULTANTS

PERSONNEL

Sampler (Signature) [signature]

Phone 415-791-5366

Field Crew Supervisor

Field Company SJV Consultants

Project Geologist/Engineer K. MADERAZO

SITE INFORMATION

Job Name MAYER PROPERTIES

Job Number 01 90002.00

Sample Location 505 14th AVE.

HAYWARD, CA

P.O. Number

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature] 4.5.91	Cathrin Robinson	04-05-91	10:25
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
(1) MW-1	WTR	3-40ml.		4-5	5520 E+F	
MW-1	WTR	2-1 L.		4-5	TPH-G	
					TPH-D	
(2) MW-2	WTR	3-40ml.		4-5	625	
MW-2	WTR	2-1 L.		4-5	BTEX	

Remarks: SAMPLES COLD, IN PRUDEN CONTAINER & HEADSPACE

CHAIN OF CUSTODY RECORD

9104066

NS 04/04/91 1400

SJV CONSULTANTS

PERSONNEL

Sampler (Signature) [signature]

Phone 418-793-5366

Field Crew Supervisor —

Field Company SJV Cons

Project Geologist/Engineer KAM

SITE INFORMATION

Job Name MAYER DEVELOPMENT

Job Number 0190002.00

Sample Location 105 TH AVE.

P.O. Number

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature]	04/04/91	1400
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
MW-1	WTR	1 liter		4-9	625	
MW-2	WTR	1 liter		4-9	625	
		SEE JENNIFER ABOUT				
		THESE SPLS.				

Remarks:

ANAMETRIX INC
Environmental & Analytical Chemistry
1961 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 # : 9104066
Date Received : 04/08/91
Project ID : 0190002.00
Purchase Order: N/A

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

ANAMETRIX ID	CLIENT SAMPLE ID
9104066- 1	MW-1
9104066- 2	MW-2

This report consists of 20 pages not including the cover letter, and is organized in sections according to the specific Anametrix 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 Anametrix 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.

Anametrix 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 Anametrix.

Sarah Schoen, Ph.D.
Laboratory Manager

4-18-91
Date

ANAMETRIX REPORT DESCRIPTION
GCMS

Organic Analysis Data Sheets (OADS)

OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Anametrix ID number.

Tentatively Identified Compounds (TICs)

TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted at Anametrix. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)

SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labelled "Total Out".

Matrix Spike Recovery Form (MSR)

MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers

Anametrix uses several data qualifiers (Q) in it's report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- B - Indicates that the compound was detected in the associated method blank.
- J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- E - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- D - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- A - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 soil analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination

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

MR. KENT MADENWALD
SJV CONSULTANTS
P.O. BOX 1257
STOCKTON, CA 95201-1257

Workorder # : 9104066
Date Received : 04/08/91
Project ID : 0190002.00
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9104066- 1	MW-1	WATER	04/05/91	8270 625
9104066- 2	MW-2	WATER	04/05/91	8270 625

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

MR. KENT MADENWALD
SJV CONSULTANTS
P.O. BOX 1257
STOCKTON, CA 95201-1257

Workorder # : 9104066
Date Received : 04/08/91
Project ID : 0190002.00
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- No QA/QC problems encountered.

Paul Gowan 4-16-91
Department Supervisor Date

Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0190002.
Sample ID : MW-1
Matrix : WATER
Date Sampled : 4/ 5/91
Date Extracted : 4/ 9/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/12/91
Instrument ID : F2

Anametrix ID : 9104066-01
Analyst : UM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0190002.
Sample ID : MW-1
Matrix : WATER
Date Sampled : 4/ 5/91
Date Extracted : 4/ 9/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/12/91
Instrument ID : F2

Anametrix ID : 9104066-01
Analyst : JH
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0190002.
Sample ID : MW-2
Matrix : WATER
Date Sampled : 4/ 5/91
Date Extracted : 4/ 9/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/12/91
Instrument ID : F2

Anametrix ID : 9104066-02
Analyst : UM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0190002.
Sample ID : MW-2
Matrix : WATER
Date Sampled : 4/ 5/91
Date Extracted : 4/ 9/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/12/91
Instrument ID : F2

Anametrix ID : 9104066-02
Analyst : JH
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	50.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 4/ 9/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/12/91
Instrument ID : F2

Anametrix ID : 2CB0409C01
Analyst : JM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 4/ 9/91
Amount Extracted : 1000.0 mL
Date Analyzed : 4/12/91
Instrument ID : F2

Anametrix ID : 2CB0409C01
Analyst : MM
Supervisor : PG

Dilution Factor : 1.00
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	50.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0190002.
Matrix : LIQUID

Anametrix ID : 9104066
Analyst : UM
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
1	BLANK	53	34	57	57	82	57	0
2	MW-1	56	36	58	57	88	57	0
3	MW-2	51	33	57	56	83	51	0
4	MW-2 MS	46	33	58	57	64	56	0
5	MW-2 MSD	48	33	58	56	71	56	0
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

	QC LIMITS
SU1 = 2-FLUOROPHENOL	(10- 82)
SU2 = PHENOL-D5	(10- 72)
SU3 = NITROBENZENE-D5	(10-100)
SU4 = 2-FLUOROBIPHENYL	(10- 92)
SU5 = 2,4,6-TRIBROMOPHENOL	(15-139)
SU6 = TERPHENYL-D14	(10-110)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 0190002.
Sample ID : MW-2
Matrix : WATER
Date Sampled : 4/ 5/91
Date Extracted : 4/ 9/91
Date Analyzed : 4/12/91
Instrument ID : F2

Anametrix ID : 9104066-02
Analyst : WH
Supervisor : PG

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
PHENOL	100.	0.	37.	37	10- 82
2-CHLOROPHENOL	100.	0.	65.	65	27-114
1,4-DICHLOROBENZENE	50.	0.	32.	64	21- 86
N-NITROSO-DI-N-PROP.(1)	50.	0.	43.	85	29-139
1,2,4-TRICHLOROBENZENE	50.	0.	36.	72	14-104
4-CHLORO-3-METHYLPHENOL	100.	0.	77.	77	36-121
ACENAPHTHENE	50.	0.	42.	83	38-108
4-NITROPHENOL	100.	0.	22.	22	10- 58
2,4-DINITROTOLUENE	50.	0.	39.	79	44-121
PENTACHLOROPHENOL	100.	0.	33.	33	10-137
PYRENE	50.	0.	44.	89	44-125

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
PHENOL	100.	37.	37	0	42	10- 82
2-CHLOROPHENOL	100.	68.	68	6	40	27-114
1,4-DICHLOROBENZENE	50.	30.	60	7	28	21- 86
N-NITROSO-DI-N-PROP.(1)	50.	42.	83	3	38	29-139
1,2,4-TRICHLOROBENZENE	50.	34.	67	7	28	14-104
4-CHLORO-3-METHYLPHENOL	100.	79.	79	1	42	36-121
ACENAPHTHENE	50.	41.	81	2	31	38-108
4-NITROPHENOL	100.	25.	25	12	50	10- 58
2,4-DINITROTOLUENE	50.	38.	76	3	38	44-121
PENTACHLOROPHENOL	100.	38.	38	12	50	10-137
PYRENE	50.	44.	88	0	31	44-125

* Value is outside of Anametrix QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

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

MR. KENT MADENWALD
SJV CONSULTANTS
P.O. BOX 1257
STOCKTON, CA 95201-1257

Workorder # : 9104066
Date Received : 04/08/91
Project ID : 0190002.00
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9104066- 1	MW-1	WATER	04/05/91	TPHd
9104066- 2	MW-2	WATER	04/05/91	TPHd
9104066- 1	MW-1	WATER	04/05/91	TPHg/BTEX
9104066- 2	MW-2	WATER	04/05/91	TPHg/BTEX

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

MR. KENT MADENWALD
SJV CONSULTANTS
P.O. BOX 1257
STOCKTON, CA 95201-1257

Workorder # : 9104066
Date Received : 04/08/91
Project ID : 0190002.00
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Department Supervisor Date

Chemist 4/12/91 Date

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

Anametrix W.O.: 9104066
Matrix : WATER
Date Sampled : 04/05/91

Project Number : 0190002.00
Date Released : 04/12/91

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# MW-1 -01	Sample I.D.# MW-2 -02	Sample I.D.# 12B0410A BLANK
Benzene	0.5	ND	ND	ND
Toluene	0.5	ND	ND	ND
Ethylbenzene	0.5	ND	ND	ND
Total Xylenes	0.5	ND	ND	ND
TPH as Gasoline	50	ND	ND	ND
% Surrogate Recovery		86%	80%	107%
Instrument I.D.		HP12	HP12	HP12
Date Analyzed		04/10/91	04/10/91	04/10/91
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.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020) 6026 (4ft)
RLMF - Reporting Limit Multiplication Factor.
Anametrix control limits for surrogate recovery are 53-147%.

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

Analyst Date 4/12/91

Supervisor Date

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

Anametrix W.O.: 9104066
Matrix : WATER
Date Sampled : 04/05/91
Date Extracted: 04/09/91

Project Number : 0190002.00
Date released : 04/12/91
Instrument I.D.: HP19

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9104066-01	MW-1	04/09/91	50	ND
9104066-02	MW-2	04/09/91	50	ND
DWBL040991	METHOD BLANK	04/09/91	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.

Garth Vogt 4/12/91
Analyst Date

Cheryl Beeman 4/12/91
Supervisor Date

TOTAL EXTRACTABLE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 3550 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : METHOD SPIKE
Matrix : REAGENT WATER
Date sampled : N/A
Date extracted: 04/09/91
Date analyzed : 04/09/91

Anametrix I.D. : SPK040991
Analyst : EV
Supervisor : CB
Date Released : 04/12/91

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	500	350	70%	360	72%	3%	49-122

* Limits established by Anametrix, Inc.

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

MR. KENT MADENWALD
SJV CONSULTANTS
P.O. BOX 1257
STOCKTON, CA 95201-1257

Workorder # : 9104066
Date Received : 04/08/91
Project ID : 0190002.00
Purchase Order: N/A
Department : PREP
Sub-Department: PREP

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9104066- 1	MW-1	WATER	04/05/91	5520BF
9104066- 2	MW-2	WATER	04/05/91	5520BF

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

MR. KENT MADENWALD
SJV CONSULTANTS
P.O. BOX 1257
STOCKTON, CA 95201-1257

Workorder # : 9104066
Date Received : 04/08/91
Project ID : 0190002.00
Purchase Order: N/A
Department : PREP
Sub-Department: PREP

QA/QC SUMMARY :

- No QA/QC problems encountered for this workorder.

Department Supervisor Date

Chemist 4/12/91 Date

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

Project No. : 0190002.00
Matrix : WATER
Date sampled : 04/05/91
Date ext. TOG: 04/09/91
Date anl. TOG: 04/09/91

Anametrix I.D. : 9104066
Analyst :
Supervisor :
Date released : 04/12/91

Workorder #	Sample I.D.	Reporting Limit (mg/L)	Amount Found (mg/L)
9104066-01	MW-1	5	ND
9104066-02	MW-2	5	ND
GWBL040991	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: 04/09/91
Date analyzed : 04/09/91

Anametrix I.D. : SPK040991
Analyst :
Supervisor :
Date Released : 04/12/91

COMPOUND	SPIKE AMT. (mg/L)	MS (mg/L)	%REC MS	MSD (mg/L)	%REC MSD	RPD	%REC LIMIT
Motor Oil	50	40	80%	40	80%	0%	47-99

* Quality control limits established by Anametrix, Inc.