RUST ENVIRONMENT & INFRASTRUCTURE

RUST Environment & Infrastructure Inc.
12 Metro Park Road
Albany, NY 12205
Tel. (518) 458-1313 • FAX (518) 458-2472

1453

94 JUN -7 PM 2:11
ALCO HAZMAT

June 1, 1994

Mr. Barney M. Chan
Hazardous Materials Specialist
Department of Environmental Health
80 Swan Way
Oakland, California 94621

Subject: American National Can Company
Former Oakland, California Facility

Dear Mr. Chan:

Rust Environment & Infrastructure, Inc. (RUST) has completed a twelfth round of quarterly groundwater monitoring for the subject site, the eighth round following the revised groundwater monitoring plan (dated April 27, 1992). This round of monitoring was conducted between March 18 and 22, 1994.

While completing this round of sampling, monitoring wells GW-2 in Area 3 and TW-1 in Area 2 had thin layers of floating free product. Due to the presence of free product in these wells, representative groundwater samples could not be collected. However, the layers of product identified during this round were too thin to be removed.

The building and infrastructure of this former ANC facility are being dismantled and removed by the site's current owner. Due to these activities several of the monitoring wells were abandoned under a permit with Alameda County Zone 7. As a result, groundwater samples could not be collected from former wells MW-18 and MW-19. Since the presence of product precluded the collection of a sample from GW-2 for analysis, the sample from MW-6 was analyzed for semi-volatile organic compounds. Groundwater samples from all other monitoring wells were collected and analyzed in accordance with the revised monitoring plan.

A trace estimated concentration (2 ppb) of 1,1-dichloroethane was detected in MW-8, the same as it was in March, 1993. This data suggests that the contaminant plume emanating from Ekotek Lube into Area 3 expands temporarily during seasonal periods of high groundwater. This monitoring well will continue to be monitored to evaluate the significance of the presence of contamination. Otherwise, analytical results obtained from this round of groundwater monitoring do not reveal any remarkable changes from previous sampling events.

10 [illegible] (14:22 S. Geels IT - update Pa. Rel. 372-5272)
12:02 (1:06 J. Clemmings - Owens [illegible] report avail?
570 505 0722

re Mitchell Black: (0.4)

SP contact: SF office, write letter concerning
w/ recommendation (CH2M Hill)
150 ppb TPHg, 1 ppb X (0.4)

7/18

Fri 2[8] : Sam Angala 286-0434
4:41 (1B) : N. Herxheim 257-2426 out all Tu
back 14th + 15th

ANC site : (Dec. 30, '93)
(1.) - all sampling

Cal/EPA
Steve Kaufeld
Project Mgr
DTSC
Facility Permitting Branch
His boss
Daniel Murphy
Sr. Waste Mgmt Engineer

7/13/94

Calls/Ed Alison:
stated that MWs 18, 19, 17, 21 etc have been destroyed properly during excavation. He's familiar w/ S. Kaufeld of Cal EPA/DTS + the solvent storage problem was in Area 5. He expects that demo should conclude in August whereas the WP in 12/30/93 will state [illegible] in writing in the next QMR.

With this letter, RUST is forwarding the results obtained during this quarterly monitoring event. Table 1 is summary of groundwater levels and product thickness measurements recorded March 18, 1994. Plate 17 is a goundwater contour map of these groundwater elevation measurements. Table 2 provides a summary of the results from analyses of groundwater samples collected. A detailed laboratory analytical report is included with this letter.

If you have any questions, please call me.

Very truly yours,

Edward W. Alusow

Edward W. Alusow
Senior Project Manager

EWA/ajl

Enclosures

cc: J. Moran, Esq., ANC
L. Feldman, SFBRWQCB

H:\WORD\WOH\ANCLT61.DOC

TABLE 1
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY

Summary of Water Level Measurements

WELL NO.	M.P. EL.	3/18/94 DEPTH TO PRODUCT	3/18/94 DEPTH TO WATER	3/18/94 W.T. EL.	DEPTH TO PRODUCT	DEPTH TO WATER	W.T. EL.	DEPTH TO PRODUCT	DEPTH TO WATER	W.T. EL.	DEPTH TO PRODUCT	DEPTH TO WATER	W.T. EL.
MW-1	15.47		11.50	3.97									
MW-2	14.86		9.11	5.75									
MW-3	14.56	8.24	8.26	6.32									
MW-4	15.27		11.07	4.20									
MW-5	14.73	10.59	10.60	4.14									
MW-6	13.24		9.50	3.74									
MW-7	16.20		12.13	4.07									
MW-8	12.90		9.17	3.73									
MW-9	11.69		8.80	2.89									
MW-10	13.03		9.07	3.96									
MW-11	14.49		9.80	4.69									
MW-12	16.81	*Not Accessible*		16.81									
MW-13	18.31		9.11	9.20									
MW-14	12.00		8.97	3.03									
MW-15	17.88	*Not Accessible*											
MW-16	12.26		9.23	3.03									
MW-17	9.09		4.63	4.46									
MW-18	13.10		9.08	4.02									
MW-19	13.12		9.13	3.99									
MW-20	13.14	*Taken 3/22/94*	9.10	4.04									
MW-21	12.86		8.71	4.15									
TW-1	17.76	12.68	12.71	5.07									
GW-1	15.35	12.06	12.07	3.29									
GW-2	13.10	*	9.59	11.47									
GW-3	11.55		8.14	3.41									
GW-4	11.70		9.18	2.52									
GW-5	17.72	*Not Accessible*											
GW-6	19.78	*Not Accessible*											

* Indicates a thin film (<0.01-feet thick) of product was detected on the water surface with an oil/water interface probe.
All elevations (EL.) are expressed in feet above mean sea level.
Depths are measured in feet below the well measuring point (M.P.).
Estimated product specific gravity of 0.83 was used to calculate an adjusted depth to water in wells containing product.

TABLE 2
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY

Summary of Quarterly Ground Water Analytical Results - March, 1994

ANALYSIS	AREA - 2		AREA - 3							AREA - 4		
	MW-21	TW-1	MW-1	MW-6	DUP X-1	MW-7	MW-18	MW-19	MW-20	MW-8	MW-9	MW-14
Volatile Organics (EPA Methods 624)(ug/l)							*Wells were Not Accessible*					
Dilution Factor	--	--	1.0	1.0	1.0	1.0	--	--	1.0	1.0	--	--
Vinyl Chloride	--	--	5 J	nd	nd	nd	--	--	nd	nd	--	--
1,1-Dichloroethene	--	--	nd	3 J	3 J	nd	--	--	nd	nd	--	--
Trans-1,2-Dichloroethene	--	--	nd	nd	nd	nd	--	--	nd	nd	--	--
1,1-Dichloroethane	--	--	nd	98	97	nd	--	--	nd	2 J	--	--
Cis-1,2-Dichloroethene	--	--	nd	nd	nd	nd	--	--	nd	nd	--	--
1,1,1-Trichloroethane	--	--	nd	8	8	nd	--	--	nd	nd	--	--
Benzene	--	--	nd	nd	nd	nd	--	--	nd	nd	--	--
Tetrachloroethene	--	--	nd	nd	nd	nd	--	--	3 J	nd	--	--
Chlorobenzene	--	--	7	nd	nd	nd	--	--	nd	nd	--	--
Ethylbenzene	--	--	nd	nd	nd	nd	--	--	nd	nd	--	--
Total Xylenes	--	--	nd	nd	nd	nd	--	--	nd	nd	--	--
1,3-Dichlorobenzene	--	--	3 J	nd	nd	nd	--	--	nd	nd	--	--
1,4-Dichlorobenzene	--	--	22	nd	nd	nd	--	--	nd	nd	--	--
1,2-Dichlorobenzene	--	--	19	nd	nd	nd	--	--	nd	nd	--	--
Total	--	--	56 J	109 J	108 J	nd	--	--	3 J	2 J	--	--
TICS Total	--	--	58 J	0	0	0	--	--	0	0	--	--
Semi-Volatile Organics (EPA Methods 625)(ug/l)												
Dilution Factor	--	--	1.0	1.0	1.0	--	--	--	--	--	--	--
1,4-Dichlorobenzene			10	nd	nd	--	--	--	--	--	--	--
1,2-Dichlorobenzene			8 J	nd	nd	--	--	--	--	--	--	--
2-Methylnaphthalene	--	--	nd	nd	nd	--	--	--	--	--	--	--
Phenanthrene			nd	nd	nd	--	--	--	--	--	--	--
Bis (2-Ethylhexyl) Phthalate	--	--	3 BJ	nd	nd	--	--	--	--	--	--	--
Total	--	--	21 J	0	0	--	--	--	--	--	--	--
TPH as Gasoline (EPA Methods 5030/8015)(ug/l)	--	--	--	--	--	--	--	--	--	nd	nd	nd
BTEX (EPA Methods 5030/8020)(ug/l)												
Benzene	--	--	--	--	--	--	--	--	--	--	nd	nd
Toluene	--	--	--	--	--	--	--	--	--	--	nd	nd
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	nd	nd
Total Xylenes	--	--	--	--	--	--	--	--	--	--	nd	nd
TPH as Diesel (EPA Method 3510)(ug/l)	nd	--	1200	nd	nd	210	--	--	nd	nd	--	--
PCBs (EPA Method 8080)(ug/l) Aroclor-1260	--	--	5.6	nd	nd	nd	--	--	nd	nd	--	--
Metals												
Nickel (filtered)	nd	--	--	--	--	--	--	--	--	--	--	--
Zinc (filtered)	nd	--	--	--	--	--	--	--	--	--	--	--

-- indicates compound was not analyzed for.
nd indicates compound was not detected.
J indicates compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value.
B indicates that the compound was detected in the method blank.
Dup X-1 is a field duplicate of sample MW - 6.

Inchcape Testing Services
Anametrix Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95151
Tel: 408-432-8192
Fax: 408-432-8198

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403343
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518

The following samples were received at Anametrix for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9403343- 1	3:MW-1
9403343- 2	3:MW-20
9403343- 3	3:MW-6
9403343- 4	3:MW-7
9403343- 5	3:DUPX-1
9403343- 6	T. BLANK

This report is organized in sections according to the specific Anametrix laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Anametrix cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

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

Corinne Shaw for
Doug Robbins
Laboratory Director

04/13/94
Date

This report consists of 48 pages.

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. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403343
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403343- 1	3:MW-1	WATER	03/22/94	8240
9403343- 2	3:MW-20	WATER	03/22/94	8240
9403343- 3	3:MW-6	WATER	03/22/94	8240
9403343- 4	3:MW-7	WATER	03/22/94	8240
9403343- 5	3:DUPX-1	WATER	03/22/94	8240
9403343- 6	T. BLANK	WATER	03/22/94	8240
9403343- 1	3:MW-1	WATER	03/22/94	8270
9403343- 3	3:MW-6	WATER	03/22/94	8270
9403343- 5	3:DUPX-1	WATER	03/22/94	8270

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403343
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- A surrogate recovery is outside established limits in the EPA Method 8270 analysis of sample 3:MW-1. The sample was re-extracted outside of established hold time and yielded better results. Both results are reported.

Paul Howard 4-12-94
Department Supervisor Date

Chemist 4-12-94
Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403343-01
Analyst : DP
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	5.	J
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	7.	
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	3.	J
106-46-7	1,4-Dichlorobenzene	5.	22.	
95-50-1	1,2-Dichlorobenzene	5.	19.	

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 35195.10
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403343-01
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	108-87-2	Cyclohexane, methyl-	0.	10.	J
2.	280-65-9	Bicyclo[3.3.1]nonane	0.	8.	J
3.	611-14-3	Benzene, 1-ethyl-2-methyl-	0.	10.	J
4.	135-98-8	Benzene, (1-methylpropyl)-	0.	10.	J
5.	1587-04-8	Benzene, 1-methyl-2-(2-prope	0.	20.	J
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403343-02
Analyst : DL
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	3.	J
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:MW-6
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403343-03
Analyst : DF
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	3.	J
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	98.	
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	8.	
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:MW-7
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403343-04
Analyst : DF
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403343-05
Analyst : DF
Supervisor : FG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	3.	J
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	97.	
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	8.	
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : T. BLANK
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403343-06
Analyst : [illegible]
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : VBLKIG
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : BM2402A2
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Matrix : LIQUID

Anametrix ID : 9403343
Analyst : BP
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3
1	VBLKIG	97	101	102
2	VLCSCO	96	101	102
3	T. BLANK	94	101	101
4	3:MW-20	95	100	101
5	3:MW-6	96	100	101
6	3:MW-7	95	101	101
7	3:DUPX-1	96	101	101
8	3:MW-1	94	101	104
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 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM --- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project/Case	: 276	Anametrix ID	: 9403183-10
Matrix	: WATER	Analyst	: DP
Date Sampled	: 3/11/94	Supervisor	: PG
Date Analyzed	: 3/24/94	SDG/Batch	: T057
Instrument ID	: MSD1		

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50	0	56	112	67-150
Benzene	50	0	57	114	75-134
Trichloroethene	50	0	56	112	69-136
Toluene	50	0	59	118	78-130
Chlorobenzene	50	0	58	116	85-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD PERCENT RECOVERY	% RPD	%RPD LIMITS
1,1-Dichloroethene	50	59	118	-5	25
Benzene	50	60	120	-5	25
Trichloroethene	50	59	118	-5	25
Toluene	50	62	124	-5	25
Chlorobenzene	50	61	122	-5	25

LABORATORY CONTROL SPIKE RECOVERY FORM --- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project/Case	:	Anametrix ID	: MM2401A2
Matrix	: WATER	Analyst	: DP
Date Sampled	: 0/ 0/ 0	Supervisor	: PG
Date Analyzed	: 3/24/94	SDG/Batch	:
Instrument ID	: MSD1	Sample ID	: VLCSCO

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	%REC LIMITS
1,1-Dichloroethene	50	0	52	104	72-145
Benzene	50	0	55	110	83-125
Trichloroethene	50	0	53	106	61-140
Toluene	50	0	56	112	82-123
Chlorobenzene	50	0	57	114	82-125

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

Project ID : 35195.10
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/23/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 2/94
Instrument ID : MSD5

Anametrix ID : 9403343-01
Analyst : LJ
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	10.	ND	U
108-95-2	Phenol	10.	ND	U
4165-61-1	Aniline	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.	10.	
100-51-6	Benzyl Alcohol	10.	ND	U
95-48-7	2-Methylphenol	10.	ND	U
95-50-1	1,2-Dichlorobenzene	10.	8.	J
108-60-1	2,2'-oxybis(1-Chloropropane)	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
105-67-9	2,4-Dimethylphenol	10.	ND	U
88-75-5	2-Nitrophenol	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

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

Project ID : 35195.10
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/23/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 2/94
Instrument ID : MSD5

Anametrix ID : 9403343-01
Analyst : LA
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	10.	ND	U
208-96-8	Acenaphthylene	10.	ND	U
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
103-33-3	Azobenzene	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
92-87-5	Benzidine	10.	ND	U
129-00-0	Pyrene	10.	ND	U
85-68-7	Butylbenzylphthalate	10.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	10.	3.	BJ
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
117-84-0	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

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

Project ID	: 35195.10	Anametrix ID	: 9403343-03
Sample ID	: 3:MW-6	Analyst	:
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 3/22/94		
Date Extracted	: 3/23/94		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 4/ 2/94	Dilution Factor	: 1.0
Instrument ID	: MSD5	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	10.	ND	U
108-95-2	Phenol	10.	ND	U
4165-61-1	Aniline	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
95-48-7	2-Methylphenol	10.	ND	U
95-50-1	1,2-Dichlorobenzene	10.	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	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
105-67-9	2,4-Dimethylphenol	10.	ND	U
88-75-5	2-Nitrophenol	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

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

Project ID : 35195.10
Sample ID : 3:MW-6
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/23/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 2/94
Instrument ID : MSD5

Anametrix ID : 9403343-03
Analyst : LY
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	10.	ND	U
208-96-8	Acenaphthylene	10.	ND	U
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
103-33-3	Azobenzene	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
92-87-5	Benzidine	10.	ND	U
129-00-0	Pyrene	10.	ND	U
85-68-7	Butylbenzylphthalate	10.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	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
117-84-0	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

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

Project ID : 35195.10
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/23/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 2/94
Instrument ID : MSD5

Anametrix ID : 9403343-05
Analyst : [illegible]
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	10.	ND	U
108-95-2	Phenol	10.	ND	U
4165-61-1	Aniline	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
95-48-7	2-Methylphenol	10.	ND	U
95-50-1	1,2-Dichlorobenzene	10.	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	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
105-67-9	2,4-Dimethylphenol	10.	ND	U
88-75-5	2-Nitrophenol	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

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

Project ID : 35195.10
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/23/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 2/94
Instrument ID : MSD5

Anametrix ID : 9403343-05
Analyst : LA
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	10.	ND	U
208-96-8	Acenaphthylene	10.	ND	U
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
103-33-3	Azobenzene	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
92-87-5	Benzidine	10.	ND	U
129-00-0	Pyrene	10.	ND	U
85-68-7	Butylbenzylphthalate	10.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	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
117-84-0	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

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

Project ID :
Sample ID : SBLKDA
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/23/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 2/94
Instrument ID : MSD5

Anametrix ID : BM2311B1
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	10.	ND	U
108-95-2	Phenol	10.	ND	U
4165-61-1	Aniline	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
95-48-7	2-Methylphenol	10.	ND	U
95-50-1	1,2-Dichlorobenzene	10.	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	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
105-67-9	2,4-Dimethylphenol	10.	ND	U
88-75-5	2-Nitrophenol	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

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

Project ID :
Sample ID : SBLKDA
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/23/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 2/94
Instrument ID : MSD5

Anametrix ID : BM2311B1
Analyst :
Supervisor :

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	10.	ND	U
208-96-8	Acenaphthylene	10.	ND	U
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
103-33-3	Azobenzene	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
92-87-5	Benzidine	10.	ND	U
129-00-0	Pyrene	10.	ND	U
85-68-7	Butylbenzylphthalate	10.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	10.	5.	J
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
117-84-0	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

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

Project ID : 35195.10
Matrix : LIQUID

Anametrix ID : 9403343
Analyst :
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	SBLKDA	60	60	65	61	69	76
2	SLCSC7	59	58	63	59	70	70
3	SLCSDBK	51	47	53	51	63	66
4	3:MW-1	8 *	35	55	55	11	57
5	3:MW-6	50	50	54	52	61	60
6	3:DUPX-1	54	51	59	55	63	65
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	(21-100)
SU2 = Phenol-d5	(10- 94)
SU3 = Nitrobenzene-d5	(35-114)
SU4 = 2-Fluorobiphenyl	(43-116)
SU5 = 2,4,6-Tribromophenol	(10-123)
SU6 = Terphenyl-d14	(33-141)

* Values outside of Anametrix QC limits

LABORATORY CONTROL SPIKE RECOVERY FORM --- EPA METHOD 8270
ANAMETRIX, INC. (408)432-8192

Project/Case	: 35195.101	Anametrix ID	: MM2311B1 & NM2311B1
Matrix	: WATER	Analyst	: IM
Date Sampled	: 00/00/00	Supervisor	: PG
Date Extracted	: 03/23/94	SDG/Batch	:
Date Analyzed	: 04/02/94		
Instrument ID	: MSD5	Sample I.D.	: SLCSC7 & SLCSDBK

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	%REC LIMITS
Phenol	75	0	41	55	12-110
2-Chlorophenol	75	0	40	53	27-123
1,4-Dichlorobenzene	50	0	27	54	36-97
N-nitroso-di-n-propylamine	50	0	28	56	41-116
1,2,4-Trichlorobenzene	50	0	28	56	39-98
4-Chloro-3-methylphenol	75	0	41	55	23-97
Acenaphthene	50	0	30	60	46-118
4-Nitrophenol	75	0	48	64	10-80
2,4-Dinitrotoluene	50	0	36	72	24-96
Pentachlorophenol	75	0	45	60	10-103
Pyrene	50	0	33	66	26-127

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD PERCENT RECOVERY	% RPD	%RPD LIMITS
Phenol	75	36	48	13	25
2-Chlorophenol	75	36	48	11	25
1,4-Dichlorobenzene	50	25	50	6	25
N-nitroso-di-n-propylamine	50	26	52	8	25
1,2,4-Trichlorobenzene	50	25	50	11	25
4-Chloro-3-methylphenol	75	39	52	6	25
Acenaphthene	50	27	54	9	25
4-Nitrophenol	75	44	59	11	25
2,4-Dinitroluene	50	34	68	5	25
Pentachlorophenol	75	49	65	-10	25
Pyrene	50	32	64	2	25

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

Project ID : 35195.10
Sample ID : 3:MW-1RE
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 4/ 7/94
Amount Extracted : 750.0 mL
Date Analyzed : 4/12/94
Instrument ID : MSD5

Anametrix ID : 9403343-01
Analyst : LY
Supervisor : RG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	13.	ND	U
108-95-2	Phenol	13.	ND	U
4165-61-1	Aniline	13.	ND	U
111-44-4	bis(2-Chloroethyl)ether	13.	ND	U
95-57-8	2-Chlorophenol	13.	ND	U
541-73-1	1,3-Dichlorobenzene	13.	ND	U
106-46-7	1,4-Dichlorobenzene	13.	9.	J
100-51-6	Benzyl Alcohol	13.	ND	U
95-48-7	2-Methylphenol	13.	ND	U
95-50-1	1,2-Dichlorobenzene	13.	7.	J
108-60-1	2,2'-oxybis(1-Chloropropane)	13.	ND	U
106-44-5	4-Methylphenol	13.	ND	U
621-64-7	N-Nitroso-di-n-propylamine	13.	ND	U
67-72-1	Hexachloroethane	13.	ND	U
98-95-3	Nitrobenzene	13.	ND	U
78-59-1	Isophorone	13.	ND	U
105-67-9	2,4-Dimethylphenol	13.	ND	U
88-75-5	2-Nitrophenol	13.	ND	U
65-85-0	Benzoic Acid	67.	ND	U
111-91-1	bis(2-Chloroethoxy)methane	13.	ND	U
120-83-2	2,4-Dichlorophenol	13.	ND	U
120-82-1	1,2,4-Trichlorobenzene	13.	ND	U
91-20-3	Naphthalene	13.	ND	U
106-47-8	4-Chloroaniline	13.	ND	U
87-68-3	Hexachlorobutadiene	13.	ND	U
59-50-7	4-Chloro-3-methylphenol	13.	ND	U
91-57-6	2-Methylnaphthalene	13.	ND	U
77-47-4	Hexachlorocyclopentadiene	13.	ND	U
88-06-2	2,4,6-Trichlorophenol	13.	ND	U
95-95-4	2,4,5-Trichlorophenol	67.	ND	U
91-58-7	2-Chloronaphthalene	13.	ND	U
88-74-4	2-Nitroaniline	67.	ND	U
131-11-3	Dimethylphthalate	13.	ND	U

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

Project ID : 35195.10
Sample ID : 3:MW-1RE
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 4/ 7/94
Amount Extracted : 750.0 mL
Date Analyzed : 4/12/94
Instrument ID : MSD5

Anametrix ID : 9403343-01
Analyst : LY
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	13.	ND	U
208-96-8	Acenaphthylene	13.	ND	U
99-09-2	3-Nitroaniline	67.	ND	U
83-32-9	Acenaphthene	13.	ND	U
51-28-5	2,4-Dinitrophenol	67.	ND	U
100-02-7	4-Nitrophenol	67.	ND	U
132-64-9	Dibenzofuran	13.	ND	U
121-14-2	2,4-Dinitrotoluene	13.	ND	U
84-66-2	Diethylphthalate	13.	ND	U
7005-72-3	4-Chlorophenyl-phenylether	13.	ND	U
86-73-7	Fluorene	13.	ND	U
100-01-6	4-Nitroaniline	67.	ND	U
534-52-1	4,6-Dinitro-2-methylphenol	67.	ND	U
86-30-6	N-Nitrosodiphenylamine (1)	13.	ND	U
103-33-3	Azobenzene	13.	ND	U
101-55-3	4-Bromophenyl-phenylether	13.	ND	U
118-74-1	Hexachlorobenzene	13.	ND	U
87-86-5	Pentachlorophenol	67.	ND	U
85-01-8	Phenanthrene	13.	ND	U
120-12-7	Anthracene	13.	ND	U
84-74-2	Di-n-butylphthalate	13.	ND	U
206-44-0	Fluoranthene	13.	ND	U
92-87-5	Benzidine	13.	ND	U
129-00-0	Pyrene	13.	ND	U
85-68-7	Butylbenzylphthalate	13.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	13.	ND	U
91-94-1	3,3'-Dichlorobenzidine	27.	ND	U
56-55-3	Benzo(a)anthracene	13.	ND	U
218-01-9	Chrysene	13.	ND	U
117-84-0	Di-n-octylphthalate	13.	ND	U
205-99-2	Benzo(b)fluoranthene	13.	ND	U
207-08-9	Benzo(k)fluoranthene	13.	ND	U
50-32-8	Benzo(a)pyrene	13.	ND	U
193-39-5	Indeno(1,2,3-cd)pyrene	13.	ND	U
53-70-3	Dibenz(a,h)anthracene	13.	ND	U
191-24-2	Benzo(g,h,i)perylene	13.	ND	U

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

Project ID :
Sample ID : SBLKD4
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 4/ 7/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/11/94
Instrument ID : MSD5

Anametrix ID : BA0711B1
Analyst : [illegible]
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
62-75-9	N-Nitrosodimethylamine	10.	ND	U
108-95-2	Phenol	10.	ND	U
4165-61-1	Aniline	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
95-48-7	2-Methylphenol	10.	ND	U
95-50-1	1,2-Dichlorobenzene	10.	ND	U
108-60-1	2,2'-oxybis(1-Chloropropane)	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
105-67-9	2,4-Dimethylphenol	10.	ND	U
88-75-5	2-Nitrophenol	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

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

Project ID :
Sample ID : SBLKD4
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 4/ 7/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/11/94
Instrument ID : MSD5

Anametrix ID : BA0711B1
Analyst : [illegible]
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
606-20-2	2,6-Dinitrotoluene	10.	ND	U
208-96-8	Acenaphthylene	10.	ND	U
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
103-33-3	Azobenzene	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
92-87-5	Benzidine	10.	ND	U
129-00-0	Pyrene	10.	ND	U
85-68-7	Butylbenzylphthalate	10.	ND	U
117-81-7	bis(2-Ethylhexyl)phthalate	10.	8.	J
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
117-84-0	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

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

Project ID : 35195.10
Matrix : LIQUID

Anametrix ID : 9403343
Analyst : LH
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	SBLKD4	56	55	58	59	73	84
2	SLCSDZ	62	60	63	65	78	69
3	3:MW-1RE	39	53	56	56	61	51
4							
5							
6							
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	(21-100)
SU2 = Phenol-d5	(10- 94)
SU3 = Nitrobenzene-d5	(35-114)
SU4 = 2-Fluorobiphenyl	(43-116)
SU5 = 2,4,6-Tribromophenol	(10-123)
SU6 = Terphenyl-d14	(33-141)

* Values outside of Anametrix QC limits

LABORATORY CONTROL SPIKE RECOVERY FORM --- EPA METHOD 8270
ANAMETRIX, INC. (408)432-8192

Project/Case	: 35195.101	Anametrix ID	: MA0711B1
Matrix	: WATER	Analyst	: IM
Date Sampled	: 00/00/00	Supervisor	: PG
Date Extracted	: 04/07/94	SDG/Batch	:
Date Analyzed	: 04/11/94		
Instrument ID	: MSD5	Sample I.D.	: SLCSDZ

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	%REC LIMITS
Phenol	75	0	46	61	12-110
2-Chlorophenol	75	0	45	60	27-123
1,4-Dichlorobenzene	50	0	30	60	36-97
N-nitroso-di-n-propylamine	50	0	28	56	41-116
1,2,4-Trichlorobenzene	50	0	31	62	39-98
4-Chloro-3-methylphenol	75	0	47	63	23-97
Acenaphthene	50	0	32	64	46-118
4-Nitrophenol	75	0	59	79	10-80
2,4-Dinitrotoluene	50	0	35	70	24-96
Pentachlorophenol	75	0	64	85	10-103
Pyrene	50	0	40	80	26-127

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403343
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403343- 1	3:MW-1	WATER	03/22/94	TPHd
9403343- 2	3:MW-20	WATER	03/22/94	TPHd
9403343- 3	3:MW-6	WATER	03/22/94	TPHd
9403343- 4	3:MW-7	WATER	03/22/94	TPHd
9403343- 5	3:DUPX-1	WATER	03/22/94	TPHd

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403343
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as diesel for samples 3:mw-1 and 3:MW-7 are primarily due to the presence of a heavier petroleum product of hydrocarbon range C18-C36, possibly motor oil or aged diesel fuel.

Department Supervisor 3/28/94 Date

Chemist 03/28/94 Date

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

Anametrix W.O.: 9403343
Matrix : WATER
Date Sampled : 03/22/94
Date Extracted: 03/24/94

Project Number : 35195.101
Date Released : 03/28/94
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)	Surrogate %Rec
9403343-01	3:MW-1	03/25/94	50	1200	86%
9403343-02	3:MW-20	03/25/94	50	ND	79%
9403343-03	3:MW-6	03/25/94	50	ND	83%
9403343-04	3:MW-7	03/25/94	50	210	83%
9403343-05	3:DUPX-1	03/25/94	50	ND	78%
BM2411F9	METHOD BLANK	03/25/94	50	ND	82%

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
The surrogate recovery limits for o-terphenyl are 30-130%.

ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as C10-C28 is determined by GCFID following sample extraction by EPA Method 3510.

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

Analyst 03/28/94. Date

Supervisor 3/28/94 Date

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

Sample I.D. : LAB CONTROL SAMPLE
Matrix : WATER
Date Sampled : N/A
Date Extracted: 03/24/94
Date Analyzed : 03/25/94

Anametrix I.D. : MM2411F9
Analyst : [illegible]
Supervisor : [illegible]
Date Released : 03/28/94
Instrument I.D.: HP23

COMPOUND	SPIKE AMT (ug/L)	LCS REC (ug/L)	% REC LCS	LCSD REC (ug/L)	% REC LCSD	RPD	% REC LIMITS
DIESEL	1250	1030	82%	1180	94%	14%	47-130
SURROGATE			78%		83%		30-130

* Quality control limits established by Anametrix, Inc.

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403343
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403343- 1	3:MW-1	WATER	03/22/94	8080 PCB
9403343- 2	3:MW-20	WATER	03/22/94	8080 PCB
9403343- 3	3:MW-6	WATER	03/22/94	8080 PCB
9403343- 4	3:MW-7	WATER	03/22/94	8080 PCB
9403343- 5	3:DUPX-1	WATER	03/22/94	8080 PCB

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403343
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- No QA/QC problems.

Department Supervisor 4/4/94 Date

Chemist 4-4-94 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/29/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 1/94
Instrument ID : HP22

Anametrix ID : 9403343-01
Analyst : D.H
Supervisor : SM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	5.6	

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/29/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 1/94
Instrument ID : HP22

Anametrix ID : 9403343-02
Analyst : D.H.
Supervisor : SR

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID	: 35195.10	Anametrix ID	: 9403343-03
Sample ID	: 3:MW-6	Analyst	: D.H.
Matrix	: WATER	Supervisor	: SMR
Date Sampled	: 3/22/94		
Date Extracted	: 3/29/94		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 4/ 1/94	Dilution Factor	: 1.0
Instrument ID	: HP22	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID	: 35195.10	Anametrix ID	: 9403343-04
Sample ID	: 3:MW-7	Analyst	: J.M.
Matrix	: WATER	Supervisor	:
Date Sampled	: 3/22/94		
Date Extracted	: 3/29/94		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 4/ 1/94	Dilution Factor	: 1.0
Instrument ID	: HP22	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 3/22/94
Date Extracted : 3/30/94
Amount Extracted : 1000.0 mL
Date Analyzed : 4/ 1/94
Instrument ID : HP22

Anametrix ID : 9403343-05
Analyst : D.H.
Supervisor : SPK

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/29/94
Amount Extracted : 1000.0 mL
Date Analyzed : 3/31/94
Instrument ID : HP22

Anametrix ID : BM2911PE
Analyst : D.H.
Supervisor : SM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/30/94
Amount Extracted : 1000.0 mL
Date Analyzed : 3/31/94
Instrument ID : HP22

Anametrix ID : BM3012PE
Analyst : D.H.
Supervisor : SM

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Matrix : LIQUID

Anametrix ID : 9403343
Analyst : D.H.
Supervisor :

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	44	53				
2	LCS	71	58				
3	LCSD	61	58				
4	BLANK	80	78				
5	LCS	57	71				
6	LCSD	62	80				
7	3:MW-20	42	60				
8	3:MW-6	61	71				
9	3:MW-7	72	72				
10	3:DUPX-1	77	78				
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	QC LIMITS
SU1 = Decachlorobiphenyl	(34-135)
SU2 = Tetrachloro-m-xylene	(30-130)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Matrix : LIQUID

Anametrix ID : 9403343
Analyst : D. Ho
Supervisor : JDR

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	3:MW-1	69	64				
2							
3							
4							
5							
6							
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 = Decachlorobiphenyl	(34-135)
SU2 = Tetrachloro-m-xylene	(30-130)

* Values outside of Anametrix QC limits

LABORATORY CONTROL SPIKE RECOVERY FORM -- EPA METHOD 8080PCB
ANAMETRIX, INC. (408) 432-8192

Project ID : N/A
Sample ID : LCS/LCSD
Matrix : WATER
Date Sampled : N/A
Date Extracted : 3/29/94
Date Analyzed : 3/31/94
Instrument ID : HP22
Dilution : NONE

Anametrix ID : M/NM2911PE
Analyst : D.H.
Supervisor : SM
Volume ext. : 1000 mL
pH : N/A
Final Vol. : 10000 uL
Inj. Vol. : 1 ul

COMPOUND NAME	AMOUNT ADDED (ug/L)	AMOUNT FOUND (ug/L)	PERCENT RECOVERY	PERCENT LIMITS
Aroclor 1248	5.0	4.2	84	60-122
COMPOUND NAME	AMOUNT ADDED (ug/L)	AMOUNT FOUND (ug/L)	PERCENT RECOVERY	PERCENT LIMITS
Aroclor 1248	5.0	5.2	104	60-122
COMPOUND NAME	%RPD	RPD LIMITS	RECOVERY LIMITS	
Aroclor 1248	15	0-30	60-122	

LABORATORY CONTROL SPIKE RECOVERY FORM -- EPA METHOD 8080PCB
ANAMETRIX, INC. (408) 432-8192

Project ID	: N/A	Anametrix ID	: M/NM3011PE
Sample ID	: LCS/LCSD	Analyst	: D.L.
Matrix	: WATER	Supervisor	: SM
Date Sampled	: N/A	Volume ext.	: 1000 mL
Date Extracted	: 3/30/94	pH	: N/A
Date Analyzed	: 3/31/94	Final Vol.	: 10000 uL
Instrument ID	: HP22	Inj. Vol.	: 1 ul
Dilution	: NONE		

COMPOUND NAME	AMOUNT ADDED (ug/L)	AMOUNT FOUND (ug/L)	PERCENT RECOVERY	PERCENT LIMITS
Aroclor 1248	5.0	4.3	86	60-122
COMPOUND NAME	AMOUNT ADDED (ug/L)	AMOUNT FOUND (ug/L)	PERCENT RECOVERY	PERCENT LIMITS
Aroclor 1248	5.0	4.5	90	60-122
COMPOUND NAME	%RPD	RPD LIMITS	RECOVERY LIMITS	
Aroclor 1248	3	0-30	60-122	

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

AREA 3 SAMPLES

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
35195.101	American National Can

Send Report Attention of:	Report Due	Verbal Due
Ed Alvsow	/ /	/ /

Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: VOCs (8240)	Semi VOCs (8270) (624)	PCB's (8080)	TPH-d (3510)	Condition of Samples	Initial
MW-1	3/22/94	0915			AREA 3	3	40mL VOA	X				Preserved w/ HCl	
MW-1	3/22/94	0915			AREA 3	2	liter amber		X				
(1) MW-1	3/22/94	0915			AREA 3	2	liter amber			X			
MW-1	3/22/94	0915			AREA 3	2	liter amber				X		
MW-20	3/22/94	1005			AREA 3	2	40mL VOA	X				Preserved w/ HCl	
(2) MW-20	3/22/94	1005			AREA 3	2	liter amber			X			
MW-20	3/22/94	1005			AREA 3	2	liter amber				X		
MW-6	3/22/94	1150			AREA 3	2	40mL VOA	X				Preserved w/ HCl	
(3) MW-6	3/22/94	1150			AREA 3	2	liter amber		X				
MW-6	3/22/94	1150			AREA 3	2	liter amber			X			
MW-6	3/22/94	1150			AREA 3	2	liter amber				X		

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3/22/94 1650		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time 3/22/94 16:50

Remarks: Standard Turnaround Time (2 weeks)
USE DHS LUFT detection limits where applicable.

COMPANY: Rust E&I
ADDRESS: 12 Metro Park Rd, Albany, N.Y.
PHONE : (518) 458-1313 FAX :

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

AREA 3 SAMPLES (-cont.-)

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
35195.100	American National Can

Send Report Attention of:	Report Due	Verbal Due
Ed Alvson	/ /	/ /

Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Types of Analysis: VOCs (8240/624)	Semi VOCs (8270)	PCBs (8080)	TPH-d (3550)	Condition of Samples	Initial
MW-7	3/22/94	1305			AREA 3	2	40mL VOA	X				Preserved w/ HCl	
MW-7	3/22/94	1305			AREA 3	2	liter amber			X			
MW-7	3/22/94	1305			AREA 3	2	liter amber				X		
DUPX-1	3/22/94				AREA 3	2	40mL VOA	X				Preserved w/ HCl	
DUPX-1	3/22/94				AREA 3	2	liter amber		X				
DUPX-1	3/22/94				AREA 3	2	liter amber			X			
DUPX-1	3/22/94				AREA 3	2	liter amber				X		
TripBlank	NA	NA			AREA 3	1	40mL VOA	X					

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	3/22/94 1650		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time
		[signature]	3/22/94 16:50

Remarks: Standards Turnaround time (2 weeks) Use DHS LUFT detection limits where applicable.

COMPANY: ROST E&T
ADDRESS: 12 Metro Park Rd. Albany, N.Y.
PHONE: (518) 458-1313 FAX:

Inchcape Testing Services
Anametrix Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403344
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518

The following samples were received at Anametrix for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9403344- 1	4:MW-14
9403344- 2	4:MW-9
9403344- 3	4:MW-8
9403344- 4	T. BLANK

This report is organized in sections according to the specific Anametrix laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Anametrix cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

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

Corinne Khan for
Doug Robbins
Laboratory Director

04/06/94
Date

This report consists of 24 pages.

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. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403344
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403344- 3	4:MW-8	WATER	03/22/94	8240
9403344- 4	T. BLANK	WATER	03/22/94	8240

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403344
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Tentatively Identified Compounds (TIC's) were scanned for, but were not detected in the EPA Method 8240 analyses of samples 4:MW-8 and T. BLANK.

Paul Gowan 3-25-94
Department Supervisor Date

Sam Chang 3-25-94
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Sample ID : 4:MW-8
Matrix : WATER
Date Sampled : 3/22/94
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : 9403344-03
Analyst : M
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	2.	J
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID	: 35195.10	Anametrix ID	: 9403344-04
Sample ID	: T. BLANK	Analyst	: DP
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 3/22/94		
Date Analyzed	: 3/24/94	Dilution Factor	: 1.0
Instrument ID	: MSD1	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : VBLKIG
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 3/24/94
Instrument ID : MSD1

Anametrix ID : BM2402A2
Analyst : BR
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	ND	U
75-09-2	Methylene chloride	5.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	ND	U
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Matrix : LIQUID

Anametrix ID : 9403344
Analyst : MP
Supervisor : RG

	SAMPLE ID	SU1	SU2	SU3
1	VBLKIG	97	101	102
2	VLCSCO	96	101	102
3	T. BLANK	94	100	102
4	4:MW-8	96	100	101
5				
6				
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 = 1,2-Dichloroethane-d4	(75-113)
SU2 = Toluene-d8	(83-110)
SU3 = 1,4-Bromofluorobenzene	(82-114)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM --- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project/Case	: 276	Anametrix ID	: 9403183-10
Matrix	: WATER	Analyst	: DC
Date Sampled	: 3/11/94	Supervisor	: PG
Date Analyzed	: 3/24/94	SDG/Batch	: T057
Instrument ID	: MSD1		

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50	0	56	112	67-150
Benzene	50	0	57	114	75-134
Trichloroethene	50	0	56	112	69-136
Toluene	50	0	59	118	78-130
Chlorobenzene	50	0	58	116	85-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD PERCENT RECOVERY	% RPD	%RPD LIMITS
1,1-Dichloroethene	50	59	118	-5	25
Benzene	50	60	120	-5	25
Trichloroethene	50	59	118	-5	25
Toluene	50	62	124	-5	25
Chlorobenzene	50	61	122	-5	25

LABORATORY CONTROL SPIKE RECOVERY FORM --- EPA METHOD 624/8240
ANAMETRIX, INC. (408)432-8192

Project/Case	:	Anametrix ID	: MM2401A2
Matrix	: WATER	Analyst	: bf
Date Sampled	: 0/ 0/ 0	Supervisor	: PG
Date Analyzed	: 3/24/94	SDG/Batch	:
Instrument ID	: MSD1	Sample ID	: VLCSCO

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	%REC LIMITS
1,1-Dichloroethene	50	0	52	104	72-145
Benzene	50	0	55	110	83-125
Trichloroethene	50	0	53	106	61-140
Toluene	50	0	56	112	82-123
Chlorobenzene	50	0	57	114	82-125

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403344
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403344- 3	4:MW-8	WATER	03/22/94	8080 PCB

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403344
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- No QA/QC problems.

Jean Randall 4/4/94
Department Supervisor Date

Dayton Hann 4-1-94
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID	: 35195.10	Anametrix ID	: 9403344-03
Sample ID	: 4:MW-8	Analyst	: D.H.
Matrix	: WATER	Supervisor	:
Date Sampled	: 3/22/94		
Date Extracted	: 3/29/94		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 4/ 1/94	Dilution Factor	: 1.0
Instrument ID	: HP22	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID	:	Anametrix ID	: BM2911PE
Sample ID	: BLANK	Analyst	: D.M.
Matrix	: WATER	Supervisor	:
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 3/29/94		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 3/31/94	Dilution Factor	: 1.0
Instrument ID	: HP22	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	2.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID : 35195.10
Matrix : LIQUID

Anametrix ID : 9403344
Analyst : I.H.
Supervisor : M

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	44	53				
2	LCS	71	58				
3	LCSD	61	58				
4	4:MW-8	76	68				
5							
6							
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 = Decachlorobiphenyl	(34-135)
SU2 = Tetrachloro-m-xylene	(30-130)

* Values outside of Anametrix QC limits

LABORATORY CONTROL SPIKE RECOVERY FORM -- EPA METHOD 8080PCB
ANAMETRIX, INC. (408) 432-8192

Project ID	: N/A	Anametrix ID	: M/NM2911PE
Sample ID	: LCS/LCSD	Analyst	: D.H.
Matrix	: WATER	Supervisor	: SM
Date Sampled	: N/A	Volume ext.	: 1000 mL
Date Extracted	: 3/29/94	pH	: N/A
Date Analyzed	: 3/31/94	Final Vol.	: 10000 uL
Instrument ID	: HP22	Inj. Vol.	: 1 ul
Dilution	: NONE		

COMPOUND NAME	AMOUNT ADDED (ug/L)	AMOUNT FOUND (ug/L)	PERCENT RECOVERY	PERCENT LIMITS
Aroclor 1248	5.0	4.2	84	60-122
COMPOUND NAME	AMOUNT ADDED (ug/L)	AMOUNT FOUND (ug/L)	PERCENT RECOVERY	PERCENT LIMITS
Aroclor 1248	5.0	5.2	104	60-122
COMPOUND NAME	%RPD	RPD LIMITS	RECOVERY LIMITS	
Aroclor 1248	15	0-30	60-122	

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

Anametrix W.O.: 9403344
Matrix : WATER
Date Sampled : 03/22/94
Date Extracted: 03/24/94

Project Number : 35195.101
Date Released : 04/04/94
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)	Surrogate %Rec
9403344-03	4:MW-8	03/25/94	50	ND	70%
BM2411F9	METHOD BLANK	03/25/94	50	ND	82%

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
The surrogate recovery limits for o-terphenyl are 30-130%.

ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as C10-C28 is determined by GCFID following sample extraction by EPA Method 3510.

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

Analyst 04/05/94. Date

Supervisor Cheryl Balmes 4/5/94 Date

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

Sample I.D.	: LAB CONTROL SAMPLE	Anametrix I.D.	: MM2411F9
Matrix	: WATER	Analyst	: AP
Date Sampled	: N/A	Supervisor	: [illegible]
Date Extracted	: 03/24/94	Date Released	: 04/04/94
Date Analyzed	: 03/25/94	Instrument I.D.	: HP23

COMPOUND	SPIKE AMT (ug/L)	LCS REC (ug/L)	% REC LCS	LCSD REC (ug/L)	% REC LCSD	RPD	% REC LIMITS
DIESEL	1250	1030	82%	1180	94%	14%	47-130
SURROGATE			78%		83%		30-130

* Quality control limits established by Anametrix, Inc.

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403344
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403344- 3	4:MW-8	WATER	03/22/94	TPHd
9403344- 3	4:MW-8	WATER	03/22/94	TPHg
9403344- 1	4:MW-14	WATER	03/22/94	TPHgBTEX
9403344- 2	4:MW-9	WATER	03/22/94	TPHgBTEX
9403344- 4	T. BLANK	WATER	03/22/94	TPHgBTEX

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

MR. EDWARD ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403344
Date Received : 03/22/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Cheryl Balmer 4/4/94
Department Supervisor Date

Chemist 04/04/94
Date

Organic Analysis Data Sheet
Total Petroleum Hydrocarbons as Gasoline with BTEX
ITS - Anametrix Laboratories - (408)432-8192

Lab Workorder : 9403344 | Client Project ID : 35195.101

Matrix : WATER | Units : ug/L

Compound Name	Method Reporting Limit*	Client ID 4:MW-14 Lab ID 9403344-01	Client ID 4:MW-9 Lab ID 9403344-02	Client ID 4:MW-8 Lab ID 9403344-03	Client ID T. BLANK Lab ID 9403344-04	Client ID Lab ID METHOD BLANK
Benzene	0.50	ND	ND	-	ND	ND
Toluene	0.50	ND	ND	-	ND	ND
Ethylbenzene	0.50	ND	ND	-	ND	ND
Total Xylenes	0.50	ND	ND	-	ND	ND
TPH as Gasoline	50	ND	ND	ND	ND	ND
Surrogate Recovery		102%	105%	106%	102%	94%
Instrument ID		HP12	HP12	HP12	HP12	HP12
Date Sampled		03/22/94	03/22/94	03/22/94	03/22/94	N/A
Date Analyzed		03/24/94	03/24/94	03/24/94	03/24/94	03/24/94
RLMF		1	1	1	1	1
Filename Reference		FPM34401.D	FPM34402.D	FPM34403.D	FPM34404.D	BM2401E1.D

* The Method Reporting Limit must be multiplied by the Reporting Limit Multiplication Factor (RLMF) to achieve the compound's reporting limit in the analysis.

ND : Not detected at or above the reporting limit for the analysis as performed.
TPHg : Determined by GC/FID following sample purge & trap by EPA Method 5030.
BTEX : Determined by modified EPA Method 8020 following sample purge & trap by EPA Method 5030.

Lab Control Limits for surrogate compound p-Bromofluorobenzene are 61-139%.

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

Analyst — Date: 04/05/94.

Supervisor: Cheryl Balmer — Date: 4/5/94

Issued on 4/5/94 @ 1:15 PM

Matrix Spike Report
Total Petroleum Hydrocarbons as BTEX
ITS - Anametrix Laboratories - (408)432-8192

Project ID : 35195.1
Sample ID : 4:MW-9
Matrix : WATER
Date Sampled : 03/22/94

Laboratory ID : 9403344-02
Analyst : AC
Supervisor : CS
Instrument ID : HP12
Units : ug/L

COMPOUND NAME	SPIKE AMOUNT	SAMPLE RESULTS	MS RECOVERY	MSD RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS
Benzene	10	ND	120%	110%	45-139	9%	30
Toluene	10	ND	110%	110%	51-138	0%	30
Ethylbenzene	10	ND	130%	120%	48-146	8%	30
Total Xylenes	10	ND	120%	120%	50-139	0%	30
Surrogate Recovery		105%	108%	107%			
Date Analyzed		03/24/94	03/24/94	03/24/94			
Multiplier		1	1	1			
Filename Reference		FPM34402.D	FMM34402.D	FDM34402.D			

* Limits established by Inchcape Testing Services, Anametrix Laboratories.

Laboratory Control Spike Report
Total Petroleum Hydrocarbons as BTEX
ITS - Anametrix Laboratories - (408)432-8192

Instrument ID : HP12
Matrix : LIQUID

Analyst : AR
Supervisor : CB
Units : ug/L

COMPOUND NAME	SPIKE AMOUNT	LCS RECOVERY	RECOVERY LIMITS
Benzene	10	120%	52-133
Toluene	10	110%	57-136
Ethylbenzene	10	130%	56-139
Total Xylenes	10	130%	56-141
Surrogate Recovery		110%	61-139
Date Analyzed		03/24/94	
Multiplier		1	
Filename Reference		MM2401E1.D	

* Limits established by Inchcape Testing Services, Anametrix Laboratories.

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

AREA 4 SAMPLES

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
35195.101	American National Can

Send Report Attention of:	Report Due	Verbal Due
Ed Alvsow	/ /	/ /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: TPH-g (8015)	BETX (8020)	VOC's (8240)	PCB's (8080)	TPH-d (3510)	Condition of Samples	Initial
1	MW-14	3/22/94	1030			AREA 4	4	40mL VOA's	X	X				Preserved w/ HCl	
2	MW-9	3/22/94	1100			AREA 4	4	40mL VOA's	X	X				Preserved w/ HCl	
3	MW-8	3/22/94	1120			AREA 4	2	40mL VOA's			X			Preserved w/ HCl	
	MW-8	3/22/94	1120			AREA 4	2	40mL VOA's	X					Preserved w/ HCl	
	MW-8	3/22/94	1120			AREA 4	2	liter amber				X			
	MW-8	3/22/94	1120			AREA 4	2	liter amber					X		
4	Trip Blank	N/A	N/A			AREA 4	3	40mL VOA's	X	X	X				

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	3/22/94 1650		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab: [signature]	Date/Time 3/22/94 16:50

Remarks: Standard Turnaround Time (2 weeks)
USE DHS LUFT detection limits where applicable.

COMPANY: RUST E&I
ADDRESS: 12 Metro Park Rd. Albany, N.Y.
PHONE: (518) 458-1313 FAX:

Inchcape Testing Services
Anametrix Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

MR. ED ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403293
Date Received : 03/18/94
Project ID : 35195.101
Purchase Order: 29518

The following samples were received at Anametrix for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9403293- 1	2:MW-21

This report is organized in sections according to the specific Anametrix laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Anametrix cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Anametrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

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

Corinne Khan for
Doug Robbins
Laboratory Director

03/25/94
Date

This report consists of 1 pages.

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

MR. ED ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403293
Date Received : 03/18/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403293- 1	2:MW-21	WATER	03/18/94	TPHd

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

MR. ED ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403293
Date Received : 03/18/94
Project ID : 35195.101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for this sample.

Department Supervisor 3/24/94 Date

Chemist 03/24/94. Date

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

Anametrix W.O.: 9403293
Matrix : WATER
Date Sampled : 03/18/94
Date Extracted: 03/22/94

Project Number : 35195.101
Date Released : 03/24/94
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)	Surrogate %Rec
9403293-01	2:MW-21	03/23/94	50	ND	100%
BM2211F9	METHOD BLANK	03/23/94	50	ND	96%

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
The surrogate recovery limits for o-terphenyl are 30-130%.

ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as C10-C28 is determined by GCFID following sample extraction by EPA Method 3510.

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

Analyst 03/24/94. Date

Supervisor 3/24/94 Date

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

Sample I.D. : LAB CONTROL SAMPLE
Matrix : WATER
Date Sampled : N/A
Date Extracted: 03/22/94
Date Analyzed : 03/23/94

Anametrix I.D. : MM2211F9
Analyst : AR
Supervisor : [illegible]
Date Released : 03/24/94
Instrument I.D.: HP23

COMPOUND	SPIKE AMT (ug/L)	LCS REC (ug/L)	% REC LCS	LCSD REC (ug/L)	% REC LCSD	RPD	% REC LIMITS
DIESEL	1250	1080	86%	950	76%	-13%	47-13
SURROGATE			111%		105%		30-13

* Quality control limits established by Anametrix, Inc.

ANAMETRIX REPORT DESCRIPTION
INORGANICS

Analytical Data Report (ADR)

The ADR contains tabulated results for inorganic analytes. All field samples, QC samples and blanks were prepared and analyzed according to procedures in the following references:

- "Test Methods for Evaluating Solid Waste," SW-846, EPA, 3rd Edition, November 1986.
- "Methods for Chemical Analysis of Water and Wastes," EPA, 3rd Edition, 1983.
- CCR Title 22, Section 66261, Appendix II, California Waste Extraction Test.
- CCR Title 22, Section 66261, Appendix XI, Organic Lead.
- "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA, WEF, 18th Edition, 1992.
- USEPA Contract Laboratory Program Statement of Work for Inorganic Analyses, ILM02.1, 1991.

Matrix Spike Report (MSR)

The MSR summarizes percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. MSRs may not be provided with all analytical reports. Anametrix control limit for MSR is 75-125% with 25% for RPD limits.

Laboratory Control Sample Report (LCSR)

The LCSR summarizes percent recovery information for laboratory control spikes on reagent water or soil. This information is a statement of performance for the method, i.e., the samples are properly prepared and analyzed according to the applicable methods. Anametrix control limit for LCSR is 80-120%.

Method Blank Report (MBR)

The MBR summarizes quality control information for reagents used in preparing samples. The absolute value of each analyte measured in the method blank should be below the method reporting limit for that analyte.

Post Digestion Spike Report (PDSR)

The PDSR summarizes percent recovery information for post digestion spikes. A post digestion spike is performed for a particular analyte if the matrix spike recovery is outside of established control limits. Any percent recovery for a post digestion spike outside of established limits for an analyte indicates probable matrix effects and interferences for that analyte. Anametrix control limit for PDSR is 85-115%.

Qualifiers (Q)

Anametrix uses several data qualifiers in inorganic reports. These qualifiers give additional information on the analytes reported. The following is a list of qualifiers and their meanings:

I - Sample was analyzed at the stated dilution due to spectral interferences.
U - Analyte concentration was below the method reporting limit. For matrix and post digestion spike reports, a value of "0.0" is entered for calculation of the percent recovery.
B - Sample concentration was below the reporting limit but above the instrument detection limit. Result is entered for calculation of the percent recovery only.
H - Spike percent recovery was outside of Anametrix control limits due to interferences from relatively high concentration level of the analyte in the unspiked sample.
L - Reporting limit was increased to compensate for background absorbances or matrix interferences.

Comment Codes

In addition to qualifiers, the following codes are used in the comment section of all reports to give additional information about sample preparation methods:

A - Sample was prepared for silver based on the silver digestion method developed by the Southern California Laboratory, Department of Health Services, "Acid Digestion for Sediments, Sludges, Soils and Solid Wastes. A Proposed Alternative to EPA SW846, Method 3050." Environmental Science and Technology, 1989, 23, 898-900.
T - Spikes were prepared after extraction by the Toxicity Characteristic Leaching Procedure (TCLP).
C - Spikes were prepared after extraction by the California Waste Extraction Test (CWET) method.
D - Reported results are dissolved, not total, metals.

Reporting Conventions

Analytical values reported are gross values, i.e., <u>not</u> corrected for method blank contamination. Solid matrices are reported on a wet weight basis, unless specifically requested otherwise. Unless noted, all samples were prepared according to procedures in the EPA Contract Laboratory Program Statement of Work, ILM02.1, 1991.

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

MR. ED ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403293
Date Received : 03/18/94
Project ID : 35195.101
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9403293- 1	2:MW-21	WATER	03/18/94	6010

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

MR. ED ALUSOW
RUST ENVIRONMENT AND INFRASTRUCTURE
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9403293
Date Received : 03/18/94
Project ID : 35195.101
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- No QA/QC problems encountered for this workorder.

Department Supervisor 3/24/94 Date

Chemist 3/23/94 Date

INORGANIC ANALYSIS DATA SHEET
ANAMETRIX, INC. (408) 432-8192

Anametrix I.D.: 9403293-01
Client I.D. : 2:MW-21
Project I.D. : 35195.101
Matrix : WATER
Reporting Unit: ug/L

Date Sampled : 03/18/94
Analyst : DOW
Supervisor :
Date Released : 03/23/94
Instrument I.D. : ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	REPORT LIMIT	DIL. FACTOR	RESULT	Q
Nickel-6010	03/22/94	03/22/94	40.0	1	ND	
Zinc-6010	03/22/94	03/22/94	20.0	1	ND	

COMMENT:

METHOD BLANK REPORT
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.# : 9403293
Method Blank I.D.: BM224SA
Project I.D. : 35195-101
Matrix : WATER
Reporting Unit : ug/L

Analyst : SD
Supervisor : MW
Date Released : 03/23/94
Instrument I.D. : ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	REPORTING LIMIT	RESULT	Q
Nickel-6010	03/22/94	03/22/94	40.0	ND	
Zinc-6010	03/22/94	03/22/94	20.0	ND	

COMMENT:

LABORATORY CONTROL SAMPLE REPORT
ANAMETRIX, INC. (408) 432-8192

Anametrix W.O.# : 9403293
Spike I.D. : LM224SA
Project I.D. : 35195.101
Matrix : WATER
Reporting Unit : ug/L

Analyst : DP MW
Supervisor :
Date Released : 03/23/94
Instrument I.D.: ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	SPIKE AMT.	METHOD SPIKE	% REC.	Q
Nickel-6010	03/22/94	03/22/94	500	592	118	
Zinc-6010	03/22/94	03/22/94	500	551	110	

COMMENT: