DUNN CORPORATION

Engineers, Geologists, Environmental Scientists
12 Metro Park Road
Albany, New York 12205
Tel 518/458-1313
Fax 518/458-2472

NOT YET REVIEWED

November 4, 1992

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

Dear Mr. Chan:

Subject: American National Can Company
Oakland, California, Facility

Dunn Corporation (DUNN) has completed a sixth round of quarterly ground water monitoring for the subject site, the second round following the revised ground water monitoring plan (dated April 27, 1992). This round of monitoring was conducted during the week of August 24, 1992. The monitoring included the measurement of ground water levels and product thicknesses from all monitoring wells, and the collection of ground water samples for chemical analyses.

While completing this round of sampling, monitoring well GW-2 was observed to have a thin layer of free product floating on the surface of the water in the well. Due to the presence of free product in the well, a truly representative ground water sample could not be collected. Ground water samples from all other monitoring wells were collected and analyzed in accordance with the revised monitoring plan.

With this letter, DUNN is forwarding the results obtained during this second quarterly monitoring event. Table 1 is a summary of ground water levels and product thickness measurements recorded on August 24, 1992. Plate 11 is a map of these ground water elevation measurements. Table 2 provides a summary of the results from analyses of ground water samples collected. A detailed laboratory analytical report is included with this letter.

If you have any questions, please call me.

Sincerely,

DUNN CORPORATION

Edward W. Alusow

Edward W. Alusow
Senior Project Manager

EWA/ce
cc: J. Peters, ANCC
J. Moran, ANCC
L. Feldman, SFBRWQCB

TABLE 1
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY

Summary of Water Level Measurements

WELL NO.	M.P. EL.	5/5/92 DEPTH TO PRODUCT	5/5/92 DEPTH TO WATER	5/5/92 W.T. EL.	8/24/92 DEPTH TO PRODUCT	8/24/92 DEPTH TO WATER	8/24/92 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		11.40	4.07		13.06	2.41						
MW-2	14.86		9.17	5.69		10.76	4.10						
MW-3	14.56		8.32	6.24		9.59	4.97						
MW-4	15.27		11.67	3.60		12.48	2.79						
MW-5	14.73	11.21	11.40	3.49	11.96	12.30	2.71						
MW-6	13.24		10.06	3.18		10.70	2.54						
MW-7	16.20		12.68	3.52		13.40	2.80						
MW-8	12.90		9.75	3.15		10.39	2.51						
MW-9	11.69		9.17	2.52		9.68	2.01						
MW-10	13.03		9.66	3.37		10.34	2.69						
MW-11	14.49		10.53	3.96		11.29	3.20						
MW-12	16.81		7.04	9.77		7.90	8.91						
MW-13	18.31		9.16	9.15		9.91	8.40						
MW-14	12.00		9.36	2.64		9.88	2.12						
MW-15	17.88		11.53	6.35		12.44	5.44						
MW-16	12.26		9.07	3.19		9.72	2.54						
MW-17	9.09		5.25	3.84		6.01	3.08						
MW-18	13.10		9.66	3.44		10.34	2.76						
MW-19	13.12		9.73	3.39		10.42	2.70						
MW-20	13.14		9.58	3.56		10.29	2.85						
MW-21	12.86		9.30	3.56		10.00	2.86						
TW-1	17.76		11.37	6.39		12.13	5.63						
GW-1	15.35	10.81	10.82	4.54	12.41	12.44	2.93						
GW-2	13.10	10.15	10.16	2.95	10.72	10.75	2.37						
GW-3	11.55		8.60	2.95		9.20	2.35						
GW-4	11.70		9.29	2.41		9.69	2.01						
GW-5	17.72		7.63	10.09		8.58	9.14						
GW-6	19.78	13.25	13.38	6.51	14.17	14.24	5.60						

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 - August, 1992

ANALYSIS	AREA - 2		AREA - 3							AREA - 4		
	MW-21	TW-1	MW-1	Dup X-1	MW-6	MW-7	MW-18	MW-19	MW-20	MW-8	MW-9	MW-14
Volatile Organics (EPA Methods 624)(ug/l)												
Dilution Factor	--	--	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	--	--
Vinyl Chloride	--	--	**15**	**14**	nd	nd	nd	nd	nd	nd	--	--
Chloroethane	--	--	nd	nd	nd	nd	nd	nd	nd	nd	--	--
1,1-Dichloroethene	--	--	nd	nd	**2 J**	nd	nd	nd	nd	nd	--	--
Carbon Disulfide	--	--	nd	nd	**5 J**	nd	nd	**8**	nd	nd	--	--
1,1-Dichloroethane	--	--	**2 J**	**3 J**	**54**	nd	nd	**2 J**	nd	nd	--	--
1,1,1-Trichloroethane	--	--	nd	nd	**4 J**	nd	nd	nd	nd	nd	--	--
Benzene	--	--	**17**	**18**	nd	nd	nd	**13**	nd	nd	--	--
Toluene	--	--	nd	nd	nd	nd	nd	**2 J**	nd	nd	--	--
Tetrachloroethene	--	--	nd	nd	nd	nd	nd	nd	**2 J**	nd	--	--
Chlorobenzene	--	--	**23**	**23**	nd	nd	nd	**49**	nd	nd	--	--
Ethylbenzene	--	--	**19**	**19**	nd	nd	nd	**4 J**	nd	nd	--	--
Total Xylenes	--	--	**28**	**28**	nd	nd	nd	**7**	nd	nd	--	--
1,3-Dichlorobenzene	--	--	**7**	**7**	nd	nd	nd	**5 J**	nd	nd	--	--
1,4-Dichlorobenzene	--	--	**47**	**47**	nd	nd	nd	**32**	nd	nd	--	--
1,2-Dichlorobenzene	--	--	**40**	**42**	nd	nd	nd	**44**	nd	nd	--	--
Total	--	--	**198 J**	**201 J**	**65 J**	nd	nd	**158 J**	**2 J**	nd	--	--
TICS Total	--	--	**160**	**160**	0	0	0	**140**	0	0	--	--
Semi-Volatile Organics (EPA Methods 625)(ug/l)												
Dilution Factor	--	--	1.00	1.00	--	--	--	10.00	--	--	--	--
1,4-Dichlorobenzene	--	--	**16**	**17**	--	--	--	**16 J**	--	--	--	--
1,2-Dichlorobenzene	--	--	**14**	**14**	--	--	--	**18 J**	--	--	--	--
Naphthalene	--	--	**13**	**11**	--	--	--	**11 J**	--	--	--	--
2-Methylnaphthalene	--	--	nd	nd	--	--	--	**40 J**	--	--	--	--
Total	--	--	**43**	**42**	--	--	--	**85 J**	--	--	--	--
TICS Total	--	--	**103**	**106**	--	--	--	**790**	--	--	--	--
TPH as Gasoline (EPA Methods 5030/8015)(ug/l)	--	--	--	--	--	--	--	--	--	--	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	**2500**	**3500**	**3600**	nd	**220**	**nd**	**34000**	nd	nd	--	--
PCBs (EPA Method 8080)(ug/l)												
Aroclor-1260	--	--	**9.4**	**17**	nd	nd	nd	**3.1**	nd	nd	--	--
Metals												
Nickel (filtered)	nd	nd	--	--	--	--	--	--	--	--	--	--
Zinc (filtered)	nd	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.
Dup X-1 is a field duplicate of sample MW - 1.

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

REPORT

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208321
Date Received : 08/26/92
Project ID : 02345-01983-0101
Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9208321- 1	2: MW-21
9208321- 2	2: TW-1

This report consists of 9 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

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

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

Larry Kutt for

Sarah Schoen, Ph.D.
Laboratory Director

09-14-92
Date

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208321
Date Received : 08/26/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9208321- 1	2: MW-21	WATER	08/26/92	TPHd
9208321- 2	2: TW-1	WATER	08/26/92	TPHd

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208321
Date Received : 08/26/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Cheryl Balmer 9/10/92
Department Supervisor Date

Chemist Date

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

Anametrix W.O.: 9208321
Matrix : WATER
Date Sampled : 08/26/92
Date Extracted: 08/27/92

Project Number : 02345-01983-0101
Date Released : 09/10/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9208321-01	2: MW-21	08/29/92	50	ND
9208321-02	2: TW-1	08/29/92	50	2500
DWBL082792	METHOD BLANK	09/01/92	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

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

Peggie Dawson 9/11/92
Analyst Date

Cheryl Beckman 9/11/92
Supervisor 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.	: LCSW0827
Matrix	: WATER	Analyst	: IS
Date Sampled	: N/A	Supervisor	: GP
Date Extracted	: 08/27/92	Date Released	: 09/10/92
Date Analyzed	: 09/02/92	Instrument I.D.	: HP9

COMPOUND	SPIKE AMT (ug/L)	LCS REC (ug/L)	% REC LCS	LCSD REC (ug/L)	% REC LCSD	RPD	% REC LIMITS
DIESEL	1250	1000	80%	1100	88%	10%	36-150

*Quality control established by Anametrix, Inc.

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208321
Date Received : 08/26/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9208321- 1	2: MW-21	WATER	08/26/92	6010
9208321- 2	2: TW-1	WATER	08/26/92	6010

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208321
Date Received : 08/26/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Mary Nguyen 9/3/92
Department Supervisor Date

Mona Kamel 9/03/92
Chemist Date

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

Anametrix W.O.: 9208321
Matrix : WATER
Date Sampled : 08/26/92
Project Number: 02345-01983-0101

Date Prepared : 08/28/92
Date Analyzed : 08/28/92
Date Released : 09/02/92
Instrument I.D.: ICP1

ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# 2: MW-21 -01	Sample I.D.# 2: TW-1 -02	Sample I.D.# BLANK MB0828W
Nickel (Ni)	6010	40.0	ND	ND	ND
Zinc (Zn)	6010	20.0	ND	ND	ND

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

All Metals by EPA Method 6010/7000, Test Method for Evaluating Solid Waste, SW-846 3rd Edition November 1986, and California Code of Regulations Title 22, or Method for Chemical Analysis of Water and Wastes, EPA, 3rd edition, 1983.

Supervisor 9/3/92 Date

Chemist 9/03/92 Date

ANAM
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS MATRIX SPIKE REPORT

Spike I.D. : 9208321-01MS,MD
Date Prepared: 08/28/92
Date Analyzed: 08/28/92
Assoc. WO # : 9208321

Inst. ID: ICP1
Date : 09/02/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	SAMPLE CONC.*	M.S. CONC.	% REC.	M.S.D. CONC.	% REC.	R P D
Ni	6010	500	0.0	526	105	528	106	0.4
Zn	6010	500	0.0	516	103	516	103	0.0

COMMENT: Quality control limits for percent recovery are 75-125% and 25% for RPD.

* : Sample concentration of 0.0 indicates that the analyte in the sample was below detection limit for the method. 0.0 is entered for calculations of the percent recovery and RPD only.

Supervisor 9/3/92 Date

Chemist 9/03/92 Date

ANAMETRIX, INC.
1961 CONCOURSE DRIVE, SUITE E
SAN JOSE, CA 95131, (408) 432-8192

INDIVIDUAL METALS METHOD SPIKE REPORT

Spike I.D. : LCS0828W
Date Prepared: 08/28/92
Date Analyzed: 08/28/92
Assoc. WO # : 9208321

Inst. ID: ICP1
Date : 09/02/92
Matrix : WATER
Units : ug/L

ELEMENTS	METHOD	SPIKE AMOUNT	METHOD SPIKE	% REC.
Ni	6010	500	530	106
Zn	6010	500	515	103

COMMENT: Quality control limits for percent recovery are 80-120%.

Supervisor 9/3/92 Date

Chemist 9/03/92 Date

AREA 2 SAMPLES

Dunn Corporation
12 Metro Park Road
Albany, N.Y. 12205 (518) 458-1313

9208321 10/29 13:30 MB

Client Name: AMERICAN NATIONAL CAN Co.	DGC Contact: EDWARD ALLISON
Project No.: 02345-01983-010	Laboratory Contact: JENNIFER MILLER
Site Location: OAKLAND, CA.	Lab Identification: ANAMETRIX, INC.
	Date Report Required: STANDARD
Sampler: WALTER O. HOWARD	

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	~~Comment~~ ANALYSES
① AREA 2: MW-21	~~10~~ 8/26/92	1000	WATER	BAILER	NYLON ROPE	2x 1 litre	N	G	TPH as Diesel (3510)
↓		↓				1 x 500 ml	HNO_3		Field Filtered Metals (Ni, Zn) (6010)
② AREA 2: TW-1		1050				2x 1 litre	N		TPH as Diesel (3510)
↓	↓	↓	↓	↓	↓	1x 500 ml	HNO_3	↓	Field Filtered Metals (~~3510~~) (Ni + Zn) (6010)

Walter O. Howard 8/26/92

	Name	Affiliation	Date	Time		Name	Date	Time
Relinquished by:	Walter O. Howard	DUNN	8/26/92	1130	Received by Laboratory:	[illegible]	8/26/92	12:20
Received by:	[illegible]	ANAMETRIX	8/26/92	1130	Samples Intact & Properly Preserved:	(Yes) or No		
Relinquished by:	[illegible]	ANAMETRIX	8/26/92	1220	Laboratory Comments:			
Received by:								

FORM50

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

REPORT

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208312
Date Received : 08/25/92
Project ID : 02345-01983-0101
Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9208312- 1	3: MW-20
9208312- 2	3: MW-18
9208312- 3	3: MW-19
9208312- 4	3: MW-6
9208312- 5	4: MW-9
9208312- 6	4: MW-14
9208312- 7	4: MW-8
9208312- 8	3: MW-1
9208312- 9	3: MW-7
9208312-10	3:DUPX-1
9208312-11	T. BLANK

This report consists of 56 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

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

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

Sarah Schoen, Ph.D.
Laboratory Director

9-14-92
Date

ANAMETRIX REPORT DESCRIPTION
GCMS

Organic Analysis Data Sheets (OADS)

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

Tentatively Identified Compounds (TICs)

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

Surrogate Recovery Summary (SRS)

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

Matrix Spike Recovery Form (MSR)

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

Qualifiers

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

U - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.

B - Indicates that the compound was detected in the associated method blank.

J - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.

E - Indicates that the amount reported exceeded the linear range of the instrument calibration.

D - Indicates that the compound was detected in an analysis performed at a secondary dilution.

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 soil analyses.

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

REPORTING CONVENTIONS

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

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208312
Date Received : 08/25/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9208312- 1	3: MW-20	WATER	08/25/92	8240
9208312- 2	3: MW-18	WATER	08/25/92	8240
9208312- 3	3: MW-19	WATER	08/25/92	8240
9208312- 4	3: MW-6	WATER	08/25/92	8240
9208312- 7	4: MW-8	WATER	08/25/92	8240
9208312- 8	3: MW-1	WATER	08/25/92	8240
9208312- 9	3: MW-7	WATER	08/25/92	8240
9208312-10	3:DUPX-1	WATER	08/25/92	8240
9208312-11	T. BLANK	WATER	08/25/92	8240
9208312- 3	3: MW-19	WATER	08/25/92	8270
9208312- 8	3: MW-1	WATER	08/25/92	8270
9208312-10	3:DUPX-1	WATER	08/25/92	8270

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208312
Date Received : 08/25/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- 2-Chlorophenol and 4-nitrophenol relative percent differences are outside established limits in the EPA Method 8270 matrix spike analysis.
- A surrogate recovery is outside established limits in the EPA Method 8270 analysis of sample 3:DUPX-1.

Paul Gowan 9-10-92
Department Supervisor Date

Denise Powell 9-10-92
Chemist Date

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

Project ID : 02345-01
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-01
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.	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.	2.	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 : 02345-01
Sample ID : 3:MW-18
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-02
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.	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 : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 3/92
Instrument ID : MSD1

Anametrix ID : 9208312-03
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.	ND	U
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	8.	
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.	13.	
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.	2.	J
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.	49.	
100-41-4	Ethylbenzene	5.	4.	J
1330-20-7	Xylene (Total)	5.	7.	
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.	5.	J
106-46-7	1,4-Dichlorobenzene	5.	32.	
95-50-1	1,2-Dichlorobenzene	5.	44.	

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 3/92
Instrument ID : MSD1

Anametrix ID : 9208312-03
Analyst : DP
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	622-96-8	Benzene, 1-ethyl-4-methyl-	0.	20.	J
2.	61141-97-7	Benzene, 1,1'-(1-ethenyl-1,3	0.	30.	J
3.	25155-15-1	Benzene, methyl(1-methylethy	0.	30.	J
4.	27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	0.	50.	J
5.	527-53-7	Benzene, 1,2,3,5-tetramethyl	0.	10.	J
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-6
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 3/92
Instrument ID : MSD1

Anametrix ID : 9208312-04
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.	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.	2.	J
76-13-1	Trichlorotrifluoroethane	5.	ND	U
67-64-1	Acetone	20.	ND	U
75-15-0	Carbon disulfide	5.	5.	J
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.	54.	
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.	4.	J
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 : 02345-01
Sample ID : 4: MW-8
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-07
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.	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 : 02345-01
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-08
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.	15.	
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.	17.	
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.	23.	
100-41-4	Ethylbenzene	5.	19.	
1330-20-7	Xylene (Total)	5.	28.	
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.	7.	
106-46-7	1,4-Dichlorobenzene	5.	47.	
95-50-1	1,2-Dichlorobenzene	5.	40.	

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-08
Analyst : DP
Supervisor : RG

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	611-14-3	Benzene, 1-ethyl-2-methyl-	0.	30.	J
2.	1074-55-1	Benzene, 1-methyl-4-propyl-	0.	20.	J
3.	1758-88-9	Benzene, 2-ethyl-1,4-dimethy	0.	20.	J
4.	27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	0.	50.	J
5.	300-57-2	Benzene, 2-propenyl-	0.	40.	J
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3: MW-7
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-09
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.	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 : 02345-01
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 3/92
Instrument ID : MSD1

Anametrix ID : 9208312-10
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.	14.	
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.	3.	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.	18.	
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.	23.	
100-41-4	Ethylbenzene	5.	19.	
1330-20-7	Xylene (Total)	5.	28.	
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.	7.	
106-46-7	1,4-Dichlorobenzene	5.	47.	
95-50-1	1,2-Dichlorobenzene	5.	42.	

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 3/92
Instrument ID : MSD1

Anametrix ID : 9208312-10
Analyst : DP
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	622-96-8	Benzene, 1-ethyl-4-methyl-	0.	20.	J
2.	611-14-3	Benzene, 1-ethyl-2-methyl-	0.	30.	J
3.	526-73-8	Benzene, 1,2,3-trimethyl-	0.	20.	J
4.	611-15-4	Benzene, 1-ethenyl-2-methyl-	0.	40.	J
5.	3290-53-7	Benzene, (2-methyl-2-propeny	0.	50.	J
6.					
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30.					

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

Project ID : 02345-01
Sample ID : T. BLANK
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-11
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.	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 : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : BS0201A2
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.	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 : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 9/ 3/92
Instrument ID : MSD1

Anametrix ID : BS0301A2
Analyst : DP
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.	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 : 02345-01
Matrix : LIQUID

Anametrix ID : 9208312
Analyst : DP
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	93	95	102
2	LCS	94	97	99
3	3:MW-20	98	97	95
4	3:MW-MS	93	99	96
5	3:MW-MSD	93	98	99
6	3:MW-1	90	102	107
7	3:MW-18	108	95	100
8	4: MW-8	95	95	95
9	3: MW-7	93	95	95
10	T. BLANK	94	94	97
11				
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	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(83-109)
SU2 = Toluene-d8	(88-110)
SU3 = 1,4-Bromofluorobenzene	(88-110)

* Values outside of Anametrix QC limits

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

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9208312
Analyst : DP
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	93	99	100
2	LCS MS	95	99	97
3	LCS MSD	93	98	97
4	3:MW-6	90	99	101
5	3:DUPX-1	91	98	108
6	3:MW-19	91	98	109
7				
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	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(83-109)
SU2 = Toluene-d8	(88-110)
SU3 = 1,4-Bromofluorobenzene	(88-110)

* Values outside of Anametrix QC limits

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

Project ID : 02345-01
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 8/25/92
Date Analyzed : 9/ 2/92
Instrument ID : MSD1

Anametrix ID : 9208312-01
Analyst : DP
Supervisor : PG

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.	0.	46.	93	67-150
Benzene	50.	0.	49.	98	75-134
Trichloroethene	50.	0.	49.	98	69-136
Toluene	50.	0.	48.	96	78-130
Chlorobenzene	50.	0.	49.	98	85-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.	44.	89	5	25	67-150
Benzene	50.	47.	93	5	25	75-134
Trichloroethene	50.	46.	93	6	25	69-136
Toluene	50.	46.	92	4	25	78-130
Chlorobenzene	50.	47.	95	3	25	85-130

* Value is outside of Anametrix QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

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

Project ID :
Sample ID : LCS
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 9/ 3/92
Instrument ID : MSD1

Anametrix ID : MS0302A2
Analyst : DP
Supervisor : PG

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.	0.	43.	86	67-150
Benzene	50.	0.	47.	95	75-134
Trichloroethene	50.	0.	46.	92	69-136
Toluene	50.	0.	48.	95	78-130
Chlorobenzene	50.	0.	48.	96	85-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.	46.	91	5	25	67-150
Benzene	50.	49.	98	3	25	75-134
Trichloroethene	50.	49.	98	6	25	69-136
Toluene	50.	50.	100	5	25	78-130
Chlorobenzene	50.	51.	102	5	25	85-130

* Value is outside of Anametrix QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

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

Project/Case	:	Anametrix ID	: MS0201A2
Matrix	: WATER	Analyst	: DP
Date Sampled	: 0/ 0/ 0	Supervisor	: PG
Date Analyzed	: 9/2/92	SDG/Batch	: N/A
Instrument ID	: MSD1		

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	%REC LIMITS
1,1-Dichloroethene	50	0	46	92	79-124
Benzene	50	0	48	96	85-126
Trichloroethene	50	0	48	96	82-126
Toluene	50	0	48	96	81-126
Chlorobenzene	50	0	50	100	80-129

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

Project ID	: 02345-01	Anametrix ID	: 9208312-03
Sample ID	: 3: MW-19	Analyst	: MCT
Matrix	: WATER	Supervisor	: FG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 9/92	Dilution Factor	: 10.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	100.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	100.	ND	U
95-57-8	2-CHLOROPHENOL	100.	ND	U
541-73-1	1,3-DICHLOROBENZENE	100.	ND	U
106-46-7	1,4-DICHLOROBENZENE	100.	16.	J
100-51-6	BENZYL ALCOHOL	100.	ND	U
95-50-1	1,2-DICHLOROBENZENE	100.	18.	J
95-48-7	2-METHYLPHENOL	100.	ND	U
108-60-1	2,2'-OXYBIS(1-CHLOROPROPANE)	100.	ND	U
106-44-5	4-METHYLPHENOL	100.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	100.	ND	U
67-72-1	HEXACHLOROETHANE	100.	ND	U
98-95-3	NITROBENZENE	100.	ND	U
78-59-1	ISOPHORONE	100.	ND	U
88-75-5	2-NITROPHENOL	100.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	100.	ND	U
65-85-0	BENZOIC ACID	500.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	100.	ND	U
120-83-2	2,4-DICHLOROPHENOL	100.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	100.	ND	U
91-20-3	NAPHTHALENE	100.	11.	J
106-47-8	4-CHLOROANILINE	100.	ND	U
87-68-3	HEXACHLOROBUTADIENE	100.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	100.	ND	U
91-57-6	2-METHYLNAPHTHALENE	100.	40.	J
77-47-4	HEXACHLOROCYCLOPENTADIENE	100.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	100.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	500.	ND	U
91-58-7	2-CHLORONAPHTHALENE	100.	ND	U
88-74-4	2-NITROANILINE	500.	ND	U
131-11-3	DIMETHYLPHTHALATE	100.	ND	U
208-96-8	ACENAPHTHYLENE	100.	ND	U
99-09-2	3-NITROANILINE	500.	ND	U

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

Project ID	: 02345-01	Anametrix ID	: 9208312-03
Sample ID	: 3: MW-19	Analyst	: MJ
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 9/92	Dilution Factor	: 10.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	100.	ND	U
51-28-5	2,4-DINITROPHENOL	500.	ND	U
100-02-7	4-NITROPHENOL	500.	ND	U
132-64-9	DIBENZOFURAN	100.	ND	U
121-14-2	2,4-DINITROTOLUENE	100.	ND	U
606-20-2	2,6-DINITROTOLUENE	100.	ND	U
84-66-2	DIETHYLPHTHALATE	100.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	100.	ND	U
86-73-7	FLUORENE	100.	ND	U
100-01-6	4-NITROANILINE	500.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	500.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	100.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	100.	ND	U
118-74-1	HEXACHLOROBENZENE	100.	ND	U
87-86-5	PENTACHLOROPHENOL	500.	ND	U
85-01-8	PHENANTHRENE	100.	ND	U
120-12-7	ANTHRACENE	100.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	100.	ND	U
206-44-0	FLUORANTHENE	100.	ND	U
129-00-0	PYRENE	100.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	100.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	200.	ND	U
56-55-3	BENZO(A)ANTHRACENE	100.	ND	U
218-01-9	CHRYSENE	100.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	100.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	100.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	100.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	100.	ND	U
50-32-8	BENZO(A)PYRENE	100.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	100.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	100.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	100.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	100.	ND	U
4165-61-1	ANILINE	100.	ND	U
103-33-3	AZOBENZENE	100.	ND	U
92-87-5	BENZIDINE	100.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3: MW-19
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 9/92
Instrument ID : F3

Anametrix ID : 9208312-03
Analyst : MCT
Supervisor : PG

Dilution Factor : 10.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	5911-04-6	NONANE, 3-METHYL-	0.	80.	J
2.	- -	UNKNOWN	0.	100.	J
3.	- -	UNKNOWN HYDROCARBON	0.	70.	J
4.	6044-71-9	DODECANE, 6-METHYL-	0.	100.	J
5.	26730-14-3	TRIDECANE, 7-METHYL-	0.	100.	J
6.	90-12-0	NAPHTHALENE, 1-METHYL-	0.	50.	J
7.	544-76-3	HEXADECANE	0.	80.	J
8.	54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	0.	100.	J
9.	10544-50-0	SULFUR, MOL. (S8)	0.	60.	J
10.	630-02-4	OCTACOSANE	0.	50.	J
11.					
12.					
13.					
14.					
15.					
16.					
17.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3: MW-1
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 8/92
Instrument ID : F3

Anametrix ID : 9208312-08
Analyst : MJ
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	16.	
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	14.	
95-48-7	2-METHYLPHENOL	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
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	13.	
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

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

Project ID	: 02345-01	Anametrix ID	: 9208312-08
Sample ID	: 3: MW-1	Analyst	: MCT
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 8/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
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
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3: MW-1
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 8/92
Instrument ID : F3

Anametrix ID : 9208312-08
Analyst : MCT
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	10.	J
2.	- -	UNKNOWN	0.	10.	J
3.	- -	UNKNOWN	0.	20.	J
4.	768-00-3	BENZENE, (1-METHYL-1-PROPENY	0.	10.	J
5.	527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	0.	8.	J
6.	- -	UNKNOWN HYDROCARBON	0.	8.	J
7.	874-35-1	1H-INDENE, 2,3-DIHYDRO-5-MET	0.	9.	J
8.	585-34-2	PHENOL, 3-(1,1-DIMETHYLETHYL	0.	9.	J
9.	- -	UNKNOWN	0.	9.	J
10.	57-10-3	HEXADECANOIC ACID	0.	10.	BJ
11.					
12.					
13.					
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17.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 8/92
Instrument ID : F3

Anametrix ID : 9208312-10
Analyst : MCT
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	17.	
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	14.	
95-48-7	2-METHYLPHENOL	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
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	11.	
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

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

Project ID	: 02345-01	Anametrix ID	: 9208312-10
Sample ID	: 3:DUPX-1	Analyst	: MU
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 8/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
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
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUOROANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUOROANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 8/92
Instrument ID : F3

Anametrix ID : 9208312-10
Analyst : MC
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	10.	J
2.	- -	UNKNOWN	0.	10.	J
3.	- -	UNKNOWN	0.	20.	J
4.	- -	UNKNOWN	0.	10.	J
5.	527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	0.	8.	J
6.	- -	UNKNOWN HYDROCARBON	0.	9.	J
7.	874-35-1	1H-INDENE, 2,3-DIHYDRO-5-MET	0.	9.	J
8.	585-34-2	PHENOL, 3-(1,1-DIMETHYLETHYL	0.	10.	J
9.	- -	UNKNOWN	0.	10.	J
10.	57-10-3	HEXADECANOIC ACID	0.	10.	BJ
11.					
12.					
13.					
14.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270
ANAMETRIX, INC. (408)432-8192

Project ID	:	Anametrix ID	: BS0802B1
Sample ID	: BLANK	Analyst	: MCT
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 8/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL)ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	ND	U
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	ND	U
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	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
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	ND	U
106-47-8	4-CHLOROANILINE	10.	ND	U
87-68-3	HEXACHLOROBUTADIENE	10.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	10.	ND	U
91-57-6	2-METHYLNAPHTHALENE	10.	ND	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
99-09-2	3-NITROANILINE	50.	ND	U

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

Project ID	:	Anametrix ID	: BS0802B1
Sample ID	: BLANK	Analyst	: MCT
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 8/92	Dilution Factor	: 1.0
Instrument ID	: F3	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
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
606-20-2	2,6-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO(A)ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO(B)FLUORANTHENE	10.	ND	U
207-08-9	BENZO(K)FLUORANTHENE	10.	ND	U
50-32-8	BENZO(A)PYRENE	10.	ND	U
193-39-5	INDENO(1,2,3-CD)PYRENE	10.	ND	U
53-70-3	DIBENZ[A,H]ANTHRACENE	10.	ND	U
191-24-2	BENZO(G,H,I)PERYLENE	10.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	10.	ND	U
4165-61-1	ANILINE	10.	ND	U
103-33-3	AZOBENZENE	10.	ND	U
92-87-5	BENZIDINE	10.	ND	U

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 8/92
Instrument ID : F3

Anametrix ID : BS0802B1
Analyst : MT
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	40.	J
2.	20324-32-7	2-PROPANOL, 1-(2-METHOXY-1-M	0.	10.	J
3.	20324-32-7	2-PROPANOL, 1-(2-METHOXY-1-M	0.	20.	J
4.	57-10-3	HEXADECANOIC ACID	0.	4.	J
5.	- -	UNKNOWN	0.	5.	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.					

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

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9208312
Analyst : MT
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	47	37	108	97	83	95
2	LCS	34	37	103	96	54	86
3	LCSD	70	64	90	87	98	89
4	3: MW-1	33	26	98	93	36	70
5	3:DUPX-1	12 *	11	97	103	25	79
6	3: MW-19	53	42	89	99	51	109
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 625
ANAMETRIX, INC. (408)432-8192

Project/Case	:	Anametrix ID	: MS0802B1
Matrix	: WATER	Analyst	: MCT
Date Sampled	: 0/ 0/00	Supervisor	: AG
Date Extracted	: 8/27/92	SDG/Batch	: N/A
Date Analyzed	: 9/08/92		
Instrument ID	: F3		

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	%REC LIMITS
Phenol	75	0	23	31	12-110
2-Chlorophenol	75	0	25	33	27-123
1,4-Dichlorobenzene	50	0	34	68	36-97
N-nitroso-di-n-propylamine	50	0	38	76	41-116
1,2,4-Trichlorobenzene	50	0	36	72	39-98
4-Chloro-3-methylphenol	75	0	32	43	23-97
Acenaphthene	50	0	38	76	46-118
4-Nitrophenol	75	0	19	25	10-80
2,4-Dinitrotoluene	50	0	40	80	24-96
Pentachlorophenol	75	0	28	37	10-103
Pyrene	50	0	38	76	26-127

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD PERCENT RECOVERY	% RPD	%RPD LIMITS
Phenol	75	20	37	14	25
2-Chlorophenol	75	38	44	-58	25
1,4-Dichlorobenzene	50	30	24	11	25
N-nitroso-di-n-propylamine	50	31	34	21	25
1,2,4-Trichlorobenzene	50	30	28	18	25
4-Chloro-3-methylphenol	75	36	53	-13	25
Acenaphthene	50	35	36	8	25
4-Nitrophenol	75	11	44	30	25
2,4-Dinitroluene	50	37	39	12	25
Pentachlorophenol	75	32	84	-12	25
Pyrene	50	37	37	3	25

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208312
Date Received : 08/25/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9208312- 1	3: MW-20	WATER	08/25/92	8080 PCB
9208312- 2	3: MW-18	WATER	08/25/92	8080 PCB
9208312- 3	3: MW-19	WATER	08/25/92	8080 PCB
9208312- 4	3: MW-6	WATER	08/25/92	8080 PCB
9208312- 7	4: MW-8	WATER	08/25/92	8080 PCB
9208312- 8	3: MW-1	WATER	08/25/92	8080 PCB
9208312- 9	3: MW-7	WATER	08/25/92	8080 PCB
9208312-10	3:DUPX-1	WATER	08/25/92	8080 PCB

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208312
Date Received : 08/25/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Paul Howard 9-9-92
Department Supervisor Date

Elias T. Xanthos 9/9/92
Chemist Date

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

Project ID	: 02345-01	Anametrix ID	: 9208312-01
Sample ID	: 3: MW-20	Analyst	: EK
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 3/92	Dilution Factor	: 1.0
Instrument ID	: HP16	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	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	: 02345-01	Anametrix ID	: 9208312-02
Sample ID	: 3: MW-18	Analyst	: EK
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 4/92	Dilution Factor	: 1.0
Instrument ID	: HP16	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	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 : 02345-01
Sample ID : 3: MW-19
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 4/92
Instrument ID : HP16

Anametrix ID : 9208312-03
Analyst : Ex
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	3.1	

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

Project ID	: 02345-01	Anametrix ID	: 9208312-04
Sample ID	: 3: MW-6	Analyst	: [illegible]
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 4/92	Dilution Factor	: 1.0
Instrument ID	: HP16	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	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 : 02345-01
Sample ID : 4: MW-8
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 4/92
Instrument ID : HP16

Anametrix ID : 9208312-07
Analyst : EK
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	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	: 02345-01	Anametrix ID	: 9208312-08
Sample ID	: 3: MW-1	Analyst	: EK
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 8/25/92		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 4/92	Dilution Factor	: 1.0
Instrument ID	: HP16	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	9.4	

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

Project ID : 02345-01
Sample ID : 3: MW-7
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 4/92
Instrument ID : HP16

Anametrix ID : 9208312-09
Analyst : EK
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	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 : 02345-01
Sample ID : 3:DUPX-1
Matrix : WATER
Date Sampled : 8/25/92
Date Extracted : 8/27/92
Amount Extracted : 1000.0 mL
Date Analyzed : 9/ 4/92
Instrument ID : HP16

Anametrix ID : 9208312-10
Analyst : CK
Supervisor : PG

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	17.	

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

Project ID	: 02345-	Anametrix ID	: PCBWBLK08279
Sample ID	: BLANK	Analyst	: [illegible]
Matrix	: WATER	Supervisor	: PG
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 8/27/92		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 9/ 3/92	Dilution Factor	: 1.0
Instrument ID	: HP16	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	.50	ND	U
11104-28-2	Aroclor-1221	.50	ND	U
11141-16-5	Aroclor-1232	.50	ND	U
53469-21-9	Aroclor-1242	.50	ND	U
12672-29-6	Aroclor-1248	.50	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 : 02345-01
Matrix : LIQUID

Anametrix ID : 9208312
Analyst : EF
Supervisor : PG

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	116					
2	BLANKMS	115					
3	BLANKMSD	121					
4	3: MW-20	65					
5	3: MW-18	51					
6	3: MW-19	63					
7	3: MW-6	56					
8	4: MW-8	91					
9	3: MW-1	90					
10	3: MW-7	112					
11	3:DUPX-1	111					
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	QC LIMITS
SU1 = Decachlorobiphenyl	(30-130)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 8/27/92
Date Analyzed : 9/ 3/92
Instrument ID : HP16

Anametrix ID : PCBLCS082792A
Analyst : EA
Supervisor : PG

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
Aroclor-1248	15.00	.00	12.02	80	30-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
Aroclor-1248	15.00	12.44	83	3	30	30-130

* Value is outside of Anametrix QC limits

RPD: 0 out of 1 outside limits
Spike Recovery: 0 out of 2 outside limits

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208312
Date Received : 08/25/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9208312- 1	3: MW-20	WATER	08/25/92	TPHd
9208312- 2	3: MW-18	WATER	08/25/92	TPHd
9208312- 3	3: MW-19	WATER	08/25/92	TPHd
9208312- 4	3: MW-6	WATER	08/25/92	TPHd
9208312- 7	4: MW-8	WATER	08/25/92	TPHd
9208312- 8	3: MW-1	WATER	08/25/92	TPHd
9208312- 9	3: MW-7	WATER	08/25/92	TPHd
9208312-10	3:DUPX-1	WATER	08/25/92	TPHd
9208312- 5	4: MW-9	WATER	08/25/92	TPHg/BTEX
9208312- 6	4: MW-14	WATER	08/25/92	TPHg/BTEX

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

MR. EDWARD ALUSOW
DUNN CORPORATION
12 METRO PARK ROAD
ALBANY, NY 12205

Workorder # : 9208312
Date Received : 08/25/92
Project ID : 02345-01983-0101
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as diesel for samples 3: MW-19 and 3: MW-7 are primarily due to the presence of a heavier petroleum product, possibly motor oil.
- The concentrations reported as diesel for samples 3: MW-1 and 3:DUPX-1 are primarily due to the presence of a lighter petroleum product, possibly aged gasoline or kerosene.

Cheryl Balmer 9/10/92
Department Supervisor Date

Lucia Shor 9/14/92
Chemist Date

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

Anametrix W.O.: 9208312
Matrix : WATER
Date Sampled : 08/25/92

Project Number : 02345-01983-0101
Date Released : 09/10/92

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# 4: MW-9 -05	Sample I.D.# 4: MW-14 -06	Sample I.D.# BG3101E3 BLANK
Benzene	0.5	ND	ND	ND
Toluene	0.5	ND	ND	ND
Ethylbenzene	0.5	ND	ND	ND
Total Xylenes	0.5	ND	ND	ND
TPH as Gasoline	50	ND	ND	ND
% Surrogate Recovery		89%	82%	104%
Instrument I.D.		HP12	HP12	HP12
Date Analyzed		08/31/92	08/31/92	08/31/92
RLMF		1	1	1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
RLMF - Reporting Limit Multiplication Factor.

Anametrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

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

Analyst 9/14/92 Date

Supervisor 9/15/92 Date

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

Anametrix W.O.: 9208312
Matrix : WATER
Date Sampled : 08/25/92
Date Extracted: 08/26/92

Project Number : 02345-01983-0101
Date Released : 09/10/92
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9208312-01	3: MW-20	08/27/92	50	ND
9208312-02	3: MW-18	08/27/92	50	ND
9208312-03	3: MW-19	08/27/92	2500	34000
9208312-04	3: MW-6	08/27/92	50	ND
9208312-07	4: MW-8	08/27/92	50	ND
9208312-08	3: MW-1	08/27/92	50	3500
9208312-09	3: MW-7	08/27/92	50	220
9208312-10	3:DUPX-1	08/28/92	50	3600
DWBLK082692	METHOD BLANK	08/27/92	50	ND

Note : Reporting limit is obtained by multiplying the dilution factor times 50 ug/L.
ND - Not detected at or above the practical quantitation limit for the method.
TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3510.

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

Analyst 9/14/92 Date

Supervisor 9/10/92 Date

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
EPA METHOD 5030 WITH GC/FID
ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 02345-01983-0101 4: MW-14
Matrix : WATER
Date Sampled : 08/25/92
Date Analyzed : 08/31/92

Anametrix I.D. : 9208312-06
Analyst : IS
Supervisor : CB
Date Released : 09/10/92

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MD (ug/L)	%REC MD	RPD	%REC LIMITS
BENZENE	10.0	7.7	77%	8.5	85%	9%	49-159
TOLUENE	10.0	7.7	77%	8.3	83%	7%	53-156
ETHYLBENZENE	10.0	7.4	74%	8.1	81%	10%	54-151
M+P-XYLENES	6.7	5.2	77%	5.5	81%	5%	56-157
O-XYLENE	3.3	2.5	75%	2.8	85%	12%	56-157
p-BFB			102%		84%		53-147

* Quality control limit established by Anametrix, Inc.

BTEX LABORATORY CONTROL SAMPLE REPORT
EPA METHOD 5030 WITH GC/PID
ANAMETRIX, INC. (408) 432-8192

Sample I.D.	: LAB CONTROL SAMPLE	Anametrix I.D.	: LCSW0831
Matrix	: WATER	Analyst	: IS
Date Sampled	: N/A	Supervisor	: MB
Date Analyzed	: 08/31/92	Date Released	: 09/10/92
		Instrument ID	: HP12

COMPOUND	SPIKE AMT. (ug/L)	LCS (ug/L)	REC LCS	%REC LIMITS
Benzene	10.0	8.7	87%	49-159
Toluene	10.0	8.8	88%	53-156
Ethylbenzene	10.0	8.4	84%	54-151
M+P-Xylenes	6.7	6.0	90%	56-157
O-Xylene	3.3	2.8	85%	58-154
P-BFB			99%	53-147

* Limits established by Anametrix, Inc.

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: 08/26/92
Date Analyzed : 08/26/92

Anametrix I.D. : LCSW0826
Analyst : IS
Supervisor : CM
Date Released : 08/28/92
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	960	77%	1100	88%	14%	63-130

*Quality control established by Anametrix, Inc.

Area 3 Samples
Page 1 of 2

2155 MB

9208312
(15) (10/38)

Dunn Geoscience Corp.
12 Metro Park Road
Albany, N.Y. 12205 (518) 458-1313

DUNN GEOSCIENCE CORP

Client Name: AMERICAN NATIONAL CAN Co.
Project No.: 02345-0883-001
Site Location: OAKLAND, Ca.
Sampler: WALTER O. HOWARD

DGC Contact: EDWARD ARNSDEN
Laboratory Contact: JENNIFER MILLER
Lab Identification: ANALYTICAL, INC.
Date Report Required: STANDARD

	Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	~~Comment~~ Analyses
1	AREA 3: MW-20	8/25/92	1045	WATER	BAILER	NYLON ROPE	2x 40 ml	HCl	G	VOCs (624).
							2x 1 litre	N		TPHd (3510).
							2x 1 litre	N		PCBs (8080).
2	AREA 3: MW-18		1120				2x 40 ml	HCl		VOCs (624).
							2x 1 litre	N		TPHd (3510).
							2x 1 litre	N		PCBs (8080).
3	AREA 3: MW-19		1155				2x 40 ml	HCl		VOCs (624).
							2x 1 litre	N		Semi VOCs (625).
							2x 1 litre	N		TPHd (3510).
							2x 1 litre	N		PCBs (8080).
4	AREA 3: MW-6		0955				2x 40 ml	HCl		VOCs (624).
							2x 1 litre	N		TPHd (3510).
							2x 1 litre	N		PCBs (8080).

Walter O. Howard
8/25/92

	Name	Affiliation	Date	Time
Relinquished by:	Walter O. Howard	DUNN	8/25/92	1605
Received by:	[signature]	ANALYTICAL	8/25/92	16:05
Relinquished by:	[signature]	ANALYTICAL	8/25/92	19:14
Received by:				

	Name	Date	Time
Received by Laboratory:	[signature]	8/25/92	19:14

Samples Intact & Properly Preserved: (Yes) or No

Laboratory Comments:

FORM5C

AREA 3 SAMPLES
Page 2 of 2

Dunn Geoscience Corp.
12 Metro Park Road
Albany, N.Y. 12205 (518) 458-1313

9208312
(15) (10/38)

DUNN GEOSCIENCE CORP

Client Name: AMERICAN NATIONAL CAN CO.
Project No.: 02345-01883-001
Site Location: OAKLAND, CA.
Sampler: WALTER O. HOWARD

DGC Contact: EDWARD NELSON
Laboratory Contact: JENNIFER MILLER
Lab Identification: ANALYTERIX, INC.
Date Report Required: STANDARD

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	Analysis ~~Comment~~
AREA 3: MW-1	8/25/92	1440	WATER	BAILER	NYLON ROPE	2x40 ML	HCL	G	VOCS (624) + XYLENES.
						2x1litre	N		SEMI VOCS (625).
(8)						2x1litre	N		PCBS (8080).
						2x1litre	N		TPHd (3510).
AREA 3: MW-7		1330				2x40 ML	HCL		VOCS (624) + XYLENES.
(9)						2x ~~40 ML~~ 1 Liter MB	N		TPHd (3510).
						2x ~~40 ML~~ 1 Liter MB	N		PCBS (8080).
AREA 3: DUP X-1		—				2x40 ML	HCL		VOCS (624) + XYLENES.
		—				2x1litre	N		SEMI-VOCS (625).
(10)		—				2x1litre	N		PCBS (8080).
		—				2x1litre	N		TPHd (3510).
(11) TRIP BLANK	8/25/92	—						→	VOCS (624) + XYLENES.

Walter O. Howard
8/25/92

	Name	Affiliation	Date	Time
Relinquished by:	Walter O. Howard	DUNN	8/25/92	1605
Received by:	John Chappelle	ANALYTERIX	8/28/92	1605
Relinquished by:	John Chappelle	ANALYTERIX	8/25/92	19:14
Received by:				

	Name	Date	Time
Received by Laboratory:	Maria Barajas	8/25/92	19:14
Samples Intact & Properly Preserved:	(Yes) or No		
Laboratory Comments:			

FORM50

AREA 4 SAMPLES 9208312 Dunn Geoscience Corp.

(19) (15) (10/38) 12 Metro Park Road
Albany, N.Y. 12205 (518) 458-1313

NOTE: VOCs Samples in cooler w/ Area 3 Trip blank

DUNN GEOSCIENCE CORP

Client Name: American National Can Co	DGC Contact: Edward Hudson
Project No.: 02345-0983-0101	Laboratory Contact: Jennifer Miller
Site Location: Oakland, Ca	Lab Identification: Envirotrix, Inc.
	Date Report Required: Standard
Sampler: Walter O. Hennard	

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	Analysis Comment
(3) AREA 4: MW-9	8-25-92	0736	WATER	BAILER	NYLON ROPE	3x 40 ML	HCL	G	TPHg (8015/5030) w/BTEX (8020)
(3) AREA 4: MW-14		0815	↓	↓	↓	3x 40 ML	↓	↓	"
AREA 4: MW-8		0920	↓	↓	↓	2x 40 ML	↓	↓	VOCs (624).
↓		↓	↓	↓	↓	2x 1 litre	N	↓	TPH as Diesel.
(1) ↓		↓	↓	↓	↓	2x 1 litre	N	↓	PCBs (8080).

Walter O. Hennard 8/25/92

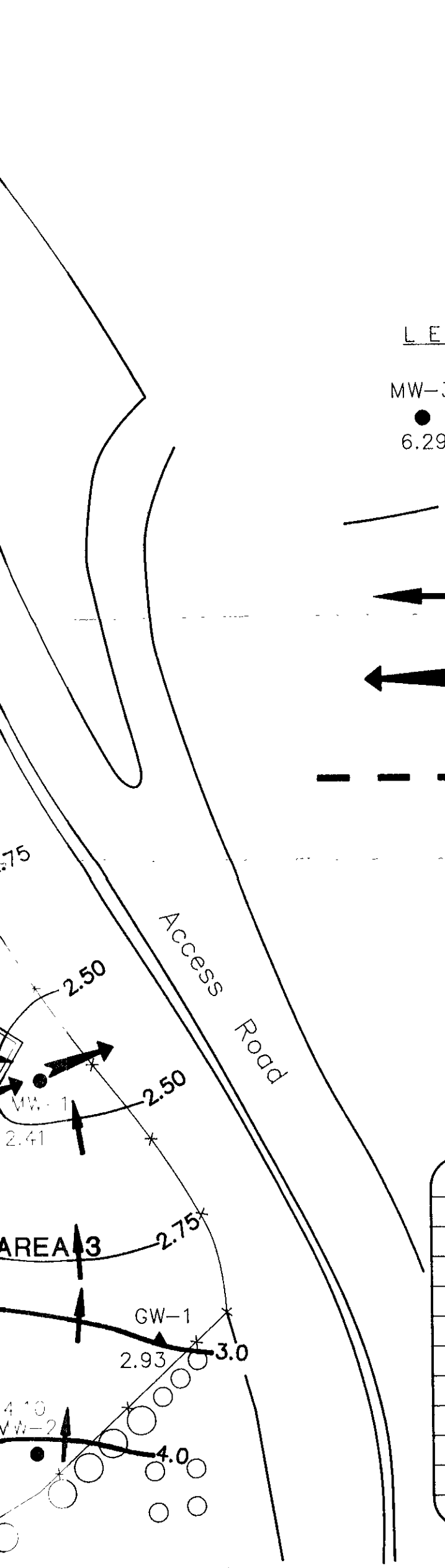
	Name	Affiliation	Date	Time
Relinquished by:	Walter O. Hennard	DUNN	8/25/92	1605
Received by:	John Chappelle	ANWATRIX	8/25/92	16:05
Relinquished by:	John Chappelle	ANWATRIX	8/25/92	19:14
Received by:				

	Name	Date	Time
Received by Laboratory:	[illegible]	8/25/92	19:14

Samples Intact & Properly Preserved: (Yes) or No

Laboratory Comments:

FORM50



L E G E N D

MW–3	WELL IDENTIFICATION NUMBER
●	MONITORING WELL LOCATION
6.29	GROUNDWATER ELEVATION
4.0	GROUNDWATER CONTOUR (dashed where inferred)
	DIRECTION OF GROUNDWATER FLOW
	INFERRED AXIS OF GROUNDWATER TROUGH SHOWING FLOW DIRECTION
	INFERRED LOCATION OF GROUNDWATER DIVIDE

PLATE 11

	REVISIONS	BY	DATE
PROJ. MGR: Edward W. Alusow			
PREPARED BY: Walter O. Howard			
DRAFTED BY: S.C.Galloway			
CHECKED BY:			
PROJ. NO.: 02345–01983			
DWG. NO. 2M8985_12			
DATE: March 1992			
SHEET 1 OF 4			
DATUM:			
CONTOUR INTERVAL =.25'/1.0' Ft.			
USGS QUAD.: OAKLAND EAST			

N

GEOGRAPHIC NORTH

0 10 50 100

SCALE IN FEET

DUNN GEOSCIENCE CORPORATION
12 Metro Park Road
Albany, NY 12205

GROUNDWATER CONTOUR MAP 8/24/92

AMERICAN NATIONAL CAN
OAKLAND PLANT

CITY ~~OF OAKLAND~~ ALAMEDA COUNTY, CA

GW-5
9.14
9.0
AREA 1
FORMER UST
Nimitz Freeway
East 8TH Street
FORMER UST
OFFICES
Smokestack
AREA 2
MW-13
8.40
8.0
FACTORY NO. 1
UST
MW-15
5.44
GW-6
5.60
TW-1
5.63
7.0
6.0
5.0
4.0
3.0
2.86
MW-21
MW-17
3.08
WATER TANK
NO. 15
COIL CUTTING
MW-20
2.85
WASH SHED
MW-11
3.20
LITHOGRAPHY
NO. 12
AREA 5
TIN PLATE
STORAGE
NO. 11

9.

Ave.

37th

CAN WAREHOUSE
NO. 3

℄

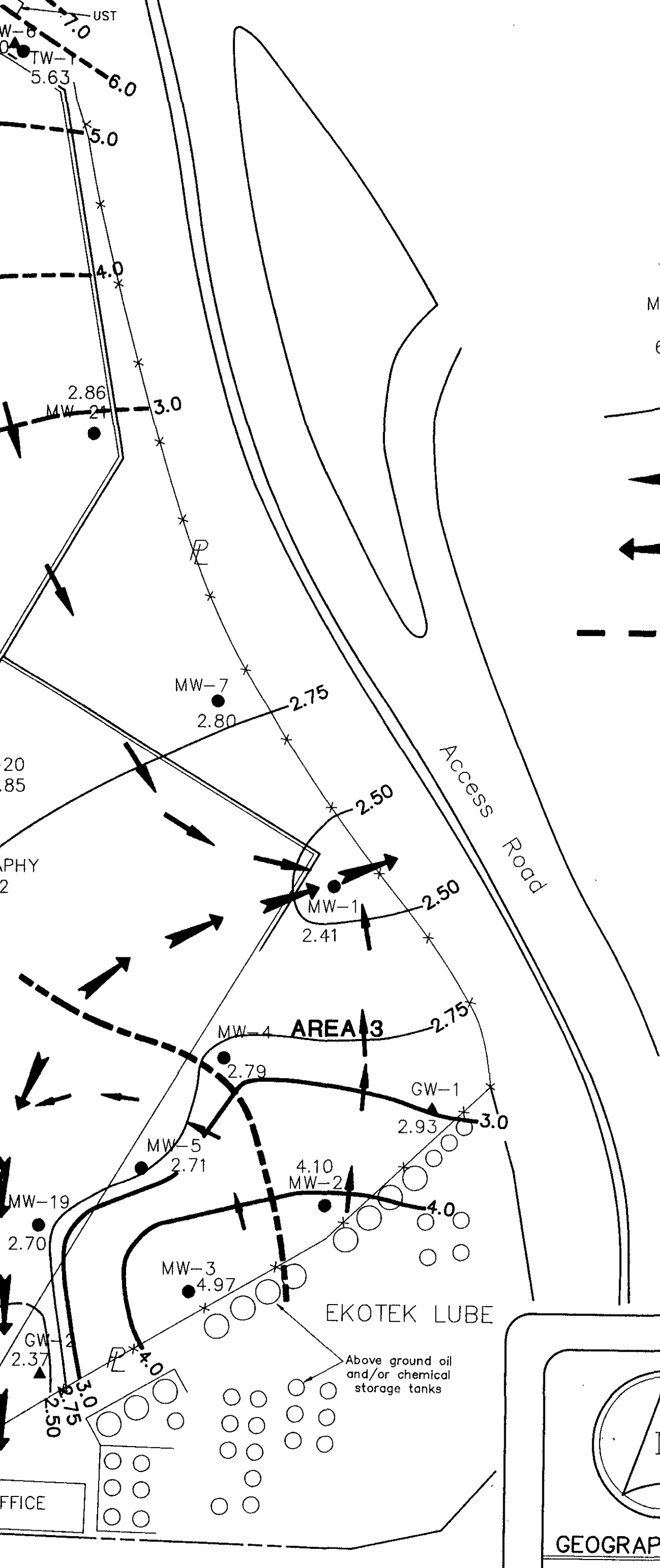
CAN WAREHOUSE
NO. 3

GW–4
2.00
2.01

2.25

2.5

MW–15
5.44
GW–6
5.60
TW–1
5.63
UST
8.0
7.0
6.0
5.0
4.0
3.0
2.86
MW–21
MW–17
3.08
WATER TANK
NO. 15
COIL CUTTING
WASH SHED
MW–11
3.20
REA 5
TIN PLATE
STORAGE
NO. 11
MW–7
2.80
2.75
MW–20
2.85
LITHOGRAPHY
NO. 12
MW–4
AREA
2.79
MW–18
2.76
MW–5
2.71
MW–19
2.70
MW–3
4.97
AREA 4
MW–10
2.69
FORMER USTS
MW–16
UST
2.54
PRODUCT PIPELINE
NO. 13
COMPOUND
STORAGE
MW–8
2.51
2.50
MW–6
2.54
GW–2
2.37
3.0
2.75
2.50
4.0
GW–3
2.35
MW–9
2.01
MW–14
2.12
2.25
2.00
OFFICE
Alameda Ave.



L E G E N D

MW–3 WELL IDENTIFICATION NUMBER
● MONITORING WELL LOCATION
6.29 GROUNDWATER ELEVATION

4.0 GROUNDWATER CONTOUR (dashed where inferred)

DIRECTION OF GROUNDWATER FLOW

INFERRED AXIS OF GROUNDWATER TROUGH SHOWING FLOW DIRECTION

INFERRED LOCATION OF GROUNDWATER DIVIDE

PLATE 11

PROJ. MGR: Edward W. Alusow	REVISIONS
PREPARED BY: Walter O. Howard	
DRAFTED BY: S.C.Galloway	
CHECKED BY:	
PROJ. NO.: 02345–01983	
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SHEET 1 OF 4	
DATUM:	
CONTOUR INTERVAL =.25'/1.0' Ft.	
USGS QUAD.: OAKLAND EAST	

N

GEOGRAPHIC NORTH

0 10 50 100

SCALE IN FEET

DUNN GEOSCIENC
12 Metro
Albany, I

GROUNDWATER CONTOUR

AMERICAN NATIC
OAKLAND PL

CITY OF OAKLAND