

DUNN CORPORATION

Engineers. Geologists Environmental Scientists

12 Metro Park Road

Albany, New York 12205

Tel 518/458-1313

Fax 518/458-2472

July 9, 1992



Mr. Dennis J. Byrne  
Senior Hazardous Materials Specialist  
Department of Environmental Health  
80 Swan Way  
Oakland, California 94621

Dear Mr. Byrne:

Subject: American National Can Company  
Oakland, California, Facility

DUNN Corporation (DUNN) has completed a fifth round of quarterly ground water monitoring for the subject site, the first round following the revised ground water monitoring plan (dated April 27, 1992). This round of monitoring was conducted during the week of May 4, 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. DUNN personnel removed the free product from the well; however, 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 first quarterly monitoring event. Table 1 is a summary of ground water levels and product thickness measurements recorded on May 5, 1992. Plate 10 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.

Very truly yours,

DUNN CORPORATION

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	DEPTH TO WATER	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		11.40	4.07									
MW-2	14.86		9.17	5.69									
MW-3	14.56		8.32	6.24									
MW-4	15.27		11.67	3.60									
MW-5	14.73	11.21	11.40	3.49									
MW-6	13.24		10.06	3.18									
MW-7	16.20		12.68	3.52									
MW-8	12.90		9.75	3.15									
MW-9	11.69		9.17	2.52									
MW-10	13.03		9.66	3.37									
MW-11	14.49		10.53	3.96									
MW-12	16.81		7.04	9.77									
MW-13	18.31		9.16	9.15									
MW-14	12.00		9.36	2.64									
MW-15	17.88		11.53	6.35									
MW-16	12.26		9.07	3.19									
MW-17	9.09		5.25	3.84									
MW-18	13.10		9.66	3.44									
MW-19	13.12		9.73	3.39									
MW-20	13.14		9.58	3.56									
MW-21	12.86		9.30	3.56									
TW-1	17.76		11.37	6.39									
GW-1	15.35	10.81	10.82	4.54									
GW-2	13.10	10.15	10.16	2.95									
GW-3	11.55		8.60	2.95									
GW-4	11.70		9.29	2.41									
GW-5	17.72		7.63	10.09									
GW-6	19.78	13.25	13.38	6.51									

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 - May, 1992**

ANALYSIS	AREA - 2		AREA - 3							AREA - 4		
	MW-21	TW-1	MW-1	MW-6	MW-7	MW-18	MW-19	Dup X-1	MW-20	MW-8	MW-9	MW-14
<b>Volatile Organics</b> (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	--	--	4 J	nd	nd	nd	nd	nd	nd	nd	--	--
Chloroethane	--	--	nd	nd	nd	nd	5 J	6 J	nd	nd	--	--
1,1-Dichloroethene	--	--	nd	4 J	nd	nd	nd	nd	nd	nd	--	--
Carbon Disulfide	--	--	nd	nd	nd	nd	8	nd	nd	nd	--	--
1,1-Dichloroethane	--	--	nd	140	nd	nd	nd	nd	nd	nd	--	--
1,1,1-Trichloroethane	--	--	nd	10	nd	nd	nd	nd	nd	nd	--	--
Benzene	--	--	15	nd	nd	nd	14	15	nd	nd	--	--
Toluene	--	--	nd	nd	nd	nd	2 J	2 J	nd	nd	--	--
Tetrachloroethene	--	--	nd	nd	nd	nd	nd	nd	2 J	nd	--	--
Chlorobenzene	--	--	15	nd	nd	nd	38	39	nd	nd	--	--
Ethylbenzene	--	--	11	nd	nd	nd	5 J	5	nd	nd	--	--
Total Xylenes	--	--	18	nd	nd	nd	7	6	nd	nd	--	--
1,3-Dichlorobenzene	--	--	4 J	nd	nd	nd	nd	nd	nd	nd	--	--
1,4-Dichlorobenzene	--	--	30	nd	2 J	nd	26	27	nd	nd	--	--
1,2-Dichlorobenzene	--	--	27	nd	nd	nd	36	39	nd	nd	--	--
Total	--	--	124 J	154 J	2 J	nd	141 J	139 J	2 J	nd	--	--
TICS Total	--	--	110	0	0	0	240	280	0	0	--	--
<b>Semi-Volatile Organics</b> (EPA Methods 625)(ug/l)												
Dilution Factor	--	--	1.00	--	--	--	1.00	1.00	--	--	--	--
1,4-Dichlorobenzene	--	--	16	--	--	--	9J	11J	--	--	--	--
1,2-Dichlorobenzene	--	--	13	--	--	--	13	15	--	--	--	--
Naphthalene	--	--	18	--	--	--	10J	12	--	--	--	--
2-Methylnaphthalene	--	--	12	--	--	--	26	31	--	--	--	--
Total	--	--	59	--	--	--	58 J	69 J	--	--	--	--
TICS Total	--	--	170	--	--	--	220	168	--	--	--	--
<b>TPH as Gasoline</b> (EPA Methods 5030/8015)(ug/l)	--	--	--	--	--	--	--	--	--	--	nd	nd
<b>BTEX</b> (EPA Methods 5030/8020)(ug/l)												
Benzene	--	--	--	--	--	--	--	--	--	--	nd	nd
Toluene	--	--	--	--	--	--	--	--	--	--	nd	nd
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	nd	nd
Total Xylenes	--	--	--	--	--	--	--	--	--	--	nd	nd
<b>TPH as Diesel</b> (EPA Method 3510)(ug/l)	nd	2700	3600	73	400	50	39000	16000	nd	410	--	--
<b>PCBs</b> (EPA Method 8080)(ug/l)												
Aroclor-1260	--	--	nd	nd	nd	nd	55	--	nd	nd	--	--
<b>Metals</b>												
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 - 19.

**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 # : 9205082  
 Date Received : 05/06/92  
 Project ID : 02345-01983  
 Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9205082- 1	2:MW-21
9205082- 2	2:TW-1

This report consists of 7 pages not including the cover letter, and is organized in sections according to the specific Anamatrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anamatrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

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

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

Sarah Schoen, Ph.D.  
 Laboratory Director

5-22-92

Date

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

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

Workorder # : 9205082  
Date Received : 05/06/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205082- 1	2:MW-21	WATER	05/05/92	TPHd
9205082- 2	2:TW-1	WATER	05/05/92	TPHd

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

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

Workorder # : 9205082  
Date Received : 05/06/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Cheryl Salma 5/21/92  
Department Supervisor Date

Ci Fan 5.21.92  
Chemist Date



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

Sample I.D. : METHOD SPIKE  
Matrix : WATER  
Date Sampled : N/A  
Date Extracted: 05/13/92  
Date Analyzed : 05/16/92

Anamatrix I.D. : SPK0513A  
Analyst : CF  
Supervisor : JS  
Date Released : 05/21/92  
Instrument I.D.: HP19

COMPOUND	SPIKE AMT	REC MS	% REC MS	REC MD	% REC MD	% REC LIMITS
Diesel	1250	1080	86%	980	78%	36-150

\* Limits established by Anamatrix, Inc.



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

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

Workorder # : 9205082  
Date Received : 05/06/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : METALS  
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205082- 1	2:MW-21	WATER	05/05/92	6010
9205082- 2	2:TW-1	WATER	05/05/92	6010

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

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

Workorder # : 9205082  
Date Received : 05/06/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : METALS  
Sub-Department: METALS

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Manny Kasper 5/13/92  
Department supervisor Date

Mona Kameh 5/13/92  
Chemist Date

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

Anamatrix W.O.: 9205082  
 Matrix : WATER  
 Date Sampled : 05/05/92  
 Project Number: 02345-01983

Date Prepared : 05/11/92  
 Date Analyzed : 05/12/92  
 Date Released : 05/13/92  
 Instrument I.D.: ICP1


ELEMENTS	EPA Method#	Reporting Limit (ug/L)	Sample I.D.# 2:MW-21	Sample I.D.# 2:TW-1	Sample I.D.# BLANK
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.

Manny Inguera 5/13/92  
 Supervisor Date

Honakame 5/13/92  
 Chemist Date

	Client Name: AMERICAN NATURAL COIN CO.	DGC Contact: EDWARD MUSOW
	Project No.: 02345-01983	Laboratory Contact: JENNIFER MILLER
	Site Location: OAKLAND, CA.	Lab Identification:
	Sampler: Walter O. Howard	Date Report Required:

Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	ANALYSIS Comment
1) AREA 2; MW-21	5/5/92	1455	WATER	BATLER	NYLOW RODS	2 x 1 litre		Grab	TPH as diesel (3510)
↓	↓	↓	↓	↓	↓	1 x 500 ML	HNO <sub>3</sub>		Field Filtered Metals (Ni, Zn) (6010)
2) AREA 2; TW-1	↓	1525	↓	↓	↓	2 x 1 litre			TPH as diesel (3510)
↓	↓	↓	↓	↓	↓	1 x 500 ML	HNO <sub>3</sub>	↓	Field Filtered Metals (Ni, Zn) (6010)
<del>Walter O. Howard 5/5/92</del>									

Name	Affiliation	Date	Time	Name	Date	Time
Relinquished by: Walter O. Howard	DUNN Corp.	5/6/92	0910	Received by Laboratory:		
Received by: <del>Benny S. Cuyler</del>	ANAMETRIX	5/6/92	0910	Samples Intact & Properly Preserved:	<input checked="" type="checkbox"/> Yes	or No
Relinquished by: <del>Benny S. Cuyler</del>	ANAMETRIX	5/6/92	0950	Laboratory Comments:	Samples in Cooler	
Received by: <del>Benny S. Cuyler</del>	ANAMETRIX	5/10/92	0900	from receipt to labeling A.C.		

**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 # : 9205110  
 Date Received : 05/07/92  
 Project ID : 02345-01983  
 Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9205110- 1	3:MW-20
9205110- 2	3:MW-18
9205110- 3	3:MW-19
9205110- 4	3:DUPX-1
9205110- 5	3:MW-6
9205110- 6	3:MW-1
9205110- 7	3:MW-7

This report consists of 33 pages not including the cover letter, and is organized in sections according to the specific Anamatrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anamatrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

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

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

Sarah Schoen, Ph.D.  
 Laboratory Director

5-22-92

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 Anamatrix 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 Anamatrix. 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

Anamatrix uses several data qualifiers (Q) in its 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 # : 9205110  
Date Received : 05/07/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GCMS  
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205110- 1	3:MW-20	WATER	05/05/92	624
9205110- 2	3:MW-18	WATER	05/06/92	624
9205110- 3	3:MW-19	WATER	05/06/92	624
9205110- 4	3:DUPX-1	WATER	05/06/92	624
9205110- 5	3:MW-6	WATER	05/06/92	624
9205110- 6	3:MW-1	WATER	05/06/92	624
9205110- 7	3:MW-7	WATER	05/06/92	624
9205110- 3	3:MW-19	WATER	05/06/92	625
9205110- 4	3:DUPX-1	WATER	05/06/92	625
9205110- 6	3:MW-1	WATER	05/06/92	625

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

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

Workorder # : 9205110  
Date Received : 05/07/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GCMS  
Sub-Department: GCMS

QA/QC SUMMARY :

- No QA/QC problems.

Sandra Maslow 5-21-92  
Department Supervisor Date

Maichelle 5-22-92  
Chemist Date



ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-20  
 Matrix : WATER  
 Date Sampled : 5/ 5/92  
 Date Analyzed : 5/15/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-01  
 Analyst : WJ  
 Supervisor : WJ  
 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 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-18  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/15/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-02  
 Analyst : *W*  
 Supervisor : *W*  
 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 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-19  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/20/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-03  
 Analyst : *LY*  
 Supervisor : *WJ*  
 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.	5.	J
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.	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.	14.	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.	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.	38.	U
100-41-4	Ethylbenzene	5.	5.	J
1330-20-7	Xylene (Total)	5.	7.	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.	26.	U
95-50-1	1,2-Dichlorobenzene	5.	36.	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01  
 Sample ID : 3:MW-19  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/20/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-03  
 Analyst : LY  
 Supervisor : W  
 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.	20.	J
2. 2847-72-5	Decane, 4-methyl-	0.	40.	J
3. 873-49-4	Benzene, cyclopropyl-	0.	100.	J
4. 933-98-2	Benzene, 1-ethyl-2,3-dimethy	0.	30.	J
5. 3290-53-7	Benzene, (2-methyl-2-propeny	0.	50.	J
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:DUPX-1  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/20/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-04  
 Analyst : L  
 Supervisor : M  
 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.	6.	J
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.	15.	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.	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.	39.	U
100-41-4	Ethylbenzene	5.	5.	U
1330-20-7	Xylene (Total)	5.	6.	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.	27.	U
95-50-1	1,2-Dichlorobenzene	5.	39.	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

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TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01  
 Sample ID : 3:DUPX-1  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/20/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-04  
 Analyst : LY  
 Supervisor : WY  
 Dilution Factor : 1.0  
 Conc. Units : ug/L

CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1. 108-87-2	Cyclohexane, methyl-	0.	200.	J
2. 6044-71-9	Dodecane, 6-methyl-	0.	30.	J
3. 17312-45-7	Decane, 3,4-dimethyl-	0.	20.	J
4. 535-77-3	Benzene, 1-methyl-3-(1-methy	0.	10.	J
5. 767-58-8	1H-Indene, 2,3-dihydro-1-met	0.	20.	J
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-6  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/15/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-05  
 Analyst : L  
 Supervisor : M  
 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.	4.	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.	140.	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.	10.	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 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-1  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/15/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-06  
 Analyst : LY  
 Supervisor : WJ  
 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.	4.	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.	15.	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	H
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.	15.	U
100-41-4	Ethylbenzene	5.	11.	U
1330-20-7	Xylene (Total)	5.	18.	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.	4.	J
106-46-7	1,4-Dichlorobenzene	5.	30.	U
95-50-1	1,2-Dichlorobenzene	5.	27.	U



ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

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TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01  
 Sample ID : 3:MW-1  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Analyzed : 5/15/92  
 Instrument ID : MSD1

Anamatrix ID : 9205110-06  
 Analyst : LA  
 Supervisor : UM  
 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.	20.	J
2. 611-15-4	Benzene, 1-ethenyl-2-methyl-	0.	30.	J
3. 1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	0.	20.	J
4. 27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	0.	30.	J
5. 526-73-8	Benzene, 1,2,3-trimethyl-	0.	10.	J
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
Sample ID : 3:MW-7  
Matrix : WATER  
Date Sampled : 5/ 6/92  
Date Analyzed : 5/15/92  
Instrument ID : MSD1

Anamatrix ID : 9205110-07  
Analyst : *LM*  
Supervisor : *LM*  
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.	2.	J
95-50-1	1,2-Dichlorobenzene	5.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID :  
 Sample ID : BLANK  
 Matrix : WATER  
 Date Sampled : 0/ 0/ 0  
 Date Analyzed : 5/15/92  
 Instrument ID : MSD1

Anamatrix ID : 0515B001  
 Analyst :  
 Supervisor :  
 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 624/8240  
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-  
Sample ID : BLANK  
Matrix : WATER  
Date Sampled : 0/ 0/ 0  
Date Analyzed : 5/20/92  
Instrument ID : MSD1

Anamatrix ID : 0520B001  
Analyst : LY  
Supervisor : W  
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 624/8240  
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
Matrix : LIQUID

Anametrix ID : 9205110  
Analyst : LM  
Supervisor : LM

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	95	97	100
2	3:MW-20	99	94	98
3	3:MW-18	98	95	98
4	3:MW-6	107	94	97
5	3:MW-7	99	94	99
6	3:MW-1	98	93	98
7	BLANK	95	101	101
8	3:MW-19	97	99	101
9	3:DUPX-1	96	98	96
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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

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

Project ID : 02345-01  
 Sample ID : 3:MW-19  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Extracted : 5/13/92  
 Amount Extracted : 950.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 9205110-03  
 Analyst : MCT  
 Supervisor : UM

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL) ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	9.	J
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	13.	
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	53.	ND	U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	10.	J
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	26.	
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	53.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	53.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	ND	U

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

Project ID : 02345-01  
 Sample ID : 3:MW-19  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Extracted : 5/13/92  
 Amount Extracted : 950.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 9205110-03  
 Analyst : MCR  
 Supervisor : JM

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	53.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	53.	ND	U
100-02-7	4-NITROPHENOL	53.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	53.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	53.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	53.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	21.	ND	U
56-55-3	BENZO (A) ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS (2-ETHYLHEXYL) PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO (B) FLUOROANTHENE	11.	ND	U
207-08-9	BENZO (K) FLUOROANTHENE	11.	ND	U
50-32-8	BENZO (A) PYRENE	11.	ND	U
193-39-5	INDENO (1,2,3-CD) PYRENE	11.	ND	U
53-70-3	DIBENZ [A, H] ANTHRACENE	11.	ND	U
191-24-2	BENZO (G, H, I) PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	53.	ND	U

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

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TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01  
 Sample ID : 3:MW-19  
 Matrix : WATER  
 Date Sampled : 5/ 6/92  
 Date Extracted : 5/13/92  
 Amount Extracted : 950.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 9205110-03  
 Analyst : MCF  
 Supervisor : VM

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1. 62108-25-2	DECANE, 2,6,7-TRIMETHYL-	0.	40.	J
2. - -	UNKNOWN	0.	30.	J
3. 496-11-7	1H-INDENE, 2,3-DIHYDRO-	0.	30.	J
4. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	0.	40.	J
5. 768-00-3	BENZENE, (1-METHYL-1-PROPENY	0.	10.	J
6. 6044-71-9	DODECANE, 6-METHYL-	0.	30.	J
7. 54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	0.	30.	J
8. 54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	0.	10.	J
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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 : 5/ 6/92  
 Date Extracted : 5/13/92  
 Amount Extracted : 900.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 9205110-04  
 Analyst : *me*  
 Supervisor : *W*

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	11.	ND	U
111-44-4	BIS(2-CHLOROETHYL) ETHER	11.	ND	U
95-57-8	2-CHLOROPHENOL	11.	ND	U
541-73-1	1,3-DICHLOROBENZENE	11.	ND	U
106-46-7	1,4-DICHLOROBENZENE	11.	11.	J
100-51-6	BENZYL ALCOHOL	11.	ND	U
95-50-1	1,2-DICHLOROBENZENE	11.	15.	U
95-48-7	2-METHYLPHENOL	11.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	11.	ND	U
106-44-5	4-METHYLPHENOL	11.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	11.	ND	U
67-72-1	HEXACHLOROETHANE	11.	ND	U
98-95-3	NITROBENZENE	11.	ND	U
78-59-1	ISOPHORONE	11.	ND	U
88-75-5	2-NITROPHENOL	11.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	11.	ND	U
65-85-0	BENZOIC ACID	56.	ND	U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	11.	ND	U
120-83-2	2,4-DICHLOROPHENOL	11.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	11.	ND	U
91-20-3	NAPHTHALENE	11.	12.	U
106-47-8	4-CHLOROANILINE	11.	ND	U
87-68-3	HEXACHLOROBUTADIENE	11.	ND	U
59-50-7	4-CHLORO-3-METHYLPHENOL	11.	ND	U
91-57-6	2-METHYLNAPHTHALENE	11.	31.	U
77-47-4	HEXACHLOROCYCLOPENTADIENE	11.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	11.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	56.	ND	U
91-58-7	2-CHLORONAPHTHALENE	11.	ND	U
88-74-4	2-NITROANILINE	56.	ND	U
131-11-3	DIMETHYLPHTHALATE	11.	ND	U
208-96-8	ACENAPHTHYLENE	11.	ND	U
606-20-2	2,6-DINITROTOLUENE	11.	ND	U

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 : 5/ 6/92  
Date Extracted : 5/13/92  
Amount Extracted : 900.0 mL  
Date Analyzed : 5/14/92  
Instrument ID : F3

Anamatrix ID : 9205110-04  
Analyst : MCT  
Supervisor : *W*

Dilution Factor : 1.00  
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	56.	ND	U
83-32-9	ACENAPHTHENE	11.	ND	U
51-28-5	2,4-DINITROPHENOL	56.	ND	U
100-02-7	4-NITROPHENOL	56.	ND	U
132-64-9	DIBENZOFURAN	11.	ND	U
121-14-2	2,4-DINITROTOLUENE	11.	ND	U
84-66-2	DIETHYLPHTHALATE	11.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	11.	ND	U
86-73-7	FLUORENE	11.	ND	U
100-01-6	4-NITROANILINE	56.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	56.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	11.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	11.	ND	U
118-74-1	HEXACHLOROBENZENE	11.	ND	U
87-86-5	PENTACHLOROPHENOL	56.	ND	U
85-01-8	PHENANTHRENE	11.	ND	U
120-12-7	ANTHRACENE	11.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	11.	ND	U
206-44-0	FLUORANTHENE	11.	ND	U
129-00-0	PYRENE	11.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	11.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	22.	ND	U
56-55-3	BENZO (A) ANTHRACENE	11.	ND	U
218-01-9	CHRYSENE	11.	ND	U
117-81-7	BIS (2-ETHYLHEXYL) PHTHALATE	11.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	11.	ND	U
205-99-2	BENZO (B) FLUOROANTHENE	11.	ND	U
207-08-9	BENZO (K) FLUOROANTHENE	11.	ND	U
50-32-8	BENZO (A) PYRENE	11.	ND	U
193-39-5	INDENO (1,2,3-CD) PYRENE	11.	ND	U
53-70-3	DIBENZ [A,H] ANTHRACENE	11.	ND	U
191-24-2	BENZO (G,H,I) PERYLENE	11.	ND	U
62-75-9	N-NITROSODIMETHYLAMINE	11.	ND	U
4165-61-1	ANILINE	11.	ND	U
103-33-3	AZOBENZENE	11.	ND	U
92-87-5	BENZIDINE	56.	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 : 5/ 6/92  
 Date Extracted : 5/13/92  
 Amount Extracted : 900.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 9205110-04  
 Analyst : MCA  
 Supervisor : UM

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	0.	30.	J
2. 527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	0.	10.	J
3. 874-35-1	1H-INDENE, 2,3-DIHYDRO-5-MET	0.	10.	J
4. 768-00-3	BENZENE, (1-METHYL-1-PROPENY	0.	30.	J
5. 6044-71-9	DODECANE, 6-METHYL-	0.	20.	J
6. 54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	0.	10.	J
7. - -	UNKNOWN	0.	30.	J
8. 54932-78-4	PHENOL, 4-(2,2,3,3-TETRAMETH	0.	8.	J
9. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	0.	10.	J
10. 54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	0.	10.	J
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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 : 5/ 6/92  
 Date Extracted : 5/13/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 9205110-06  
 Analyst : *mes*  
 Supervisor : *W*

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
108-95-2	PHENOL	10.	ND	U
111-44-4	BIS(2-CHLOROETHYL) ETHER	10.	ND	U
95-57-8	2-CHLOROPHENOL	10.	ND	U
541-73-1	1,3-DICHLOROBENZENE	10.	ND	U
106-46-7	1,4-DICHLOROBENZENE	10.	16.	
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	13.	
95-48-7	2-METHYLPHENOL	10.	ND	U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	10.	ND	U
106-44-5	4-METHYLPHENOL	10.	ND	U
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10.	ND	U
67-72-1	HEXACHLOROETHANE	10.	ND	U
98-95-3	NITROBENZENE	10.	ND	U
78-59-1	ISOPHORONE	10.	ND	U
88-75-5	2-NITROPHENOL	10.	ND	U
105-67-9	2,4-DIMETHYLPHENOL	10.	ND	U
65-85-0	BENZOIC ACID	50.	ND	U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	10.	ND	U
120-83-2	2,4-DICHLOROPHENOL	10.	ND	U
120-82-1	1,2,4-TRICHLOROBENZENE	10.	ND	U
91-20-3	NAPHTHALENE	10.	18.	
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.	12.	
77-47-4	HEXACHLOROCYCLOPENTADIENE	10.	ND	U
88-06-2	2,4,6-TRICHLOROPHENOL	10.	ND	U
95-95-4	2,4,5-TRICHLOROPHENOL	50.	ND	U
91-58-7	2-CHLORONAPHTHALENE	10.	ND	U
88-74-4	2-NITROANILINE	50.	ND	U
131-11-3	DIMETHYLPHTHALATE	10.	ND	U
208-96-8	ACENAPHTHYLENE	10.	ND	U
606-20-2	2,6-DINITROTOLUENE	10.	ND	U

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

Project ID : 02345-01  
Sample ID : 3:MW-1  
Matrix : WATER  
Date Sampled : 5/ 6/92  
Date Extracted : 5/13/92  
Amount Extracted : 1000.0 mL  
Date Analyzed : 5/14/92  
Instrument ID : F3

Anametrix ID : 9205110-06  
Analyst : MEX  
Supervisor : W

Dilution Factor : 1.00  
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO (A) ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS (2-ETHYLHEXYL) PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO (B) 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	50.	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 : 5/ 6/92  
 Date Extracted : 5/13/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 9205110-06  
 Analyst : *MET*  
 Supervisor : *U*

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1. 527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	0.	20.	J
2. 874-35-1	1H-INDENE, 2,3-DIHYDRO-5-MET	0.	20.	J
3. 1587-04-8	BENZENE, 1-METHYL-2-(2-PROPE	0.	20.	J
4. 6044-71-9	DODECANE, 6-METHYL-	0.	10.	J
5. 17312-76-4	UNDECANE, 6,6-DIMETHYL-	0.	10.	J
6. 90-12-0	NAPHTHALENE, 1-METHYL-	0.	20.	J
7. 2471-83-2	1H-INDENE, 1-ETHYLIDENE-	0.	20.	J
8. 499-75-2	PHENOL, 2-METHYL-5-(1-METHYL	0.	20.	J
9. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	0.	20.	J
10. 123-28-4	PROPANOIC ACID, 3,3'-THIOBIS	0.	10.	J
11.				
12.				
13.				
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625/8270  
 ANAMETRIX, INC. (408)432-8192

Project ID :  
 Sample ID : BLANK  
 Matrix : WATER  
 Date Sampled : 0/ 0/ 0  
 Date Extracted : 5/13/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anametrix ID : 0513B001  
 Analyst : MB  
 Supervisor : CM

Dilution Factor : 1.00  
 Conc. Units : ug/L

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

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

Project ID :  
 Sample ID : BLANK  
 Matrix : WATER  
 Date Sampled : 0/ 0/ 0  
 Date Extracted : 5/13/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 0513B001  
 Analyst : MCF  
 Supervisor : W

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
99-09-2	3-NITROANILINE	50.	ND	U
83-32-9	ACENAPHTHENE	10.	ND	U
51-28-5	2,4-DINITROPHENOL	50.	ND	U
100-02-7	4-NITROPHENOL	50.	ND	U
132-64-9	DIBENZOFURAN	10.	ND	U
121-14-2	2,4-DINITROTOLUENE	10.	ND	U
84-66-2	DIETHYLPHTHALATE	10.	ND	U
7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10.	ND	U
86-73-7	FLUORENE	10.	ND	U
100-01-6	4-NITROANILINE	50.	ND	U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	50.	ND	U
86-30-6	N-NITROSODIPHENYLAMINE (1)	10.	ND	U
101-55-3	4-BROMOPHENYL-PHENYLETHER	10.	ND	U
118-74-1	HEXACHLOROBENZENE	10.	ND	U
87-86-5	PENTACHLOROPHENOL	50.	ND	U
85-01-8	PHENANTHRENE	10.	ND	U
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	ND	U
206-44-0	FLUORANTHENE	10.	ND	U
129-00-0	PYRENE	10.	ND	U
85-68-7	BUTYLBENZYLPHTHALATE	10.	ND	U
91-94-1	3,3'-DICHLOROBENZIDINE	20.	ND	U
56-55-3	BENZO (A) ANTHRACENE	10.	ND	U
218-01-9	CHRYSENE	10.	ND	U
117-81-7	BIS (2-ETHYLHEXYL) PHTHALATE	10.	ND	U
117-84-0	DI-N-OCTYLPHTHALATE	10.	ND	U
205-99-2	BENZO (B) 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	50.	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 : 5/13/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/14/92  
 Instrument ID : F3

Anamatrix ID : 0513B001  
 Analyst : MCT  
 Supervisor : WY

Dilution Factor : 1.00  
 Conc. Units : ug/L

CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1. 74498-88-7	ETHANE, 1-METHOXY-2-(METHOXY	0.	4.	J
2. - -	UNKNOWN	0.	30.	J
3. - -	UNKNOWN	0.	40.	J
4. 7206-21-5	5-OCTADECENE, (E)-	0.	10.	J
5.				
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SURROGATE RECOVERY SUMMARY -- EPA METHOD 625/8270  
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
Matrix : LIQUID

Anamatrix ID : 9205110  
Analyst : MCF  
Supervisor : UM

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6	TOTAL OUT
1	BLANK	28	22	61	60	29	79	0
2	3:MW-19	35	24	41	45	47	38	0
3	3:DUPX-1	34	23	45	51	52	39	0
4	3:MW-1	35	27	49	56	56	50	0
5								
6								
7								
8								
9								
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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 Anamatrix QC limits

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

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

Workorder # : 9205110  
Date Received : 05/07/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205110- 1	3:MW-20	WATER	05/05/92	TPHd
9205110- 2	3:MW-18	WATER	05/06/92	TPHd
9205110- 3	3:MW-19	WATER	05/06/92	TPHd
9205110- 4	3:DUPX-1	WATER	05/06/92	TPHd
9205110- 5	3:MW-6	WATER	05/06/92	TPHd
9205110- 6	3:MW-1	WATER	05/06/92	TPHd
9205110- 7	3:MW-7	WATER	05/06/92	TPHd

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

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

Workorder # : 9205110  
Date Received : 05/07/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: TPH

QA/QC SUMMARY :

- The concentrations reported as diesel for samples 3;MW-18, 3;MW-7, 3;MW-1, and 3;MW-19 are primarily due to the presence of a heavier petroleum product, possibly motor oil.

Charles Palmer 5/21/92  
Department Supervisor Date

Lucea Sher 5/21/92  
Chemist Date

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

Anametrix W.O.: 9205110  
Matrix : WATER  
Date Sampled : 05/05/92, 05/06/92  
Date Extracted: 05/13/92

Project Number : 02345-01983  
Date Released : 05/18/92  
Instrument I.D.: HP9

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9205110-01	3;MW-20	05/14/92	50	ND
9205110-02	3;MW-18	05/14/92	50	50
9205110-03	3;MW-19	05/14/92	250	39000
9205110-04	3;DUPX-1	05/15/92	500	16000
9205110-05	3;MW-6	05/15/92	50	73
9205110-06	3;MW-1	05/14/92	50	3600
9205110-07	3;MW-7	05/14/92	50	400
DWBL051392	METHOD BLANK	05/14/92	50	ND

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

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

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

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

Laura Shea 5/21/92  
Analyst Date

Cheryl Palmer 5/21/92  
Supervisor Date

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

Sample I.D. : METHOD SPIKE  
 Matrix : REAGENT WATER  
 Date Sampled : N/A  
 Date Extracted: 05/13/92  
 Date Analyzed : 05/16/92

Anamatrix I.D. : SPK0513A  
 Analyst : CF.  
 Supervisor : *CM*  
 Date Released : 05/19/92  
 Instrument I.D.: HP9

COMPOUND	SPIKE AMT. (ug/L)	MS (ug/L)	%REC MS	MSD (ug/L)	%REC MSD	RPD	%REC LIMITS
Diesel	1250	990	79%	1050	84%	6%	36-150

\* Limits established by Anamatrix, Inc.

Client Name: American Nuclear Co.  
 Project No.: 02345-0883  
 Site Location: Dunkmen, Ca.  
 Sampler: WALTER O. HOWARD  
 DGC Contact: EDWARD ALLISON  
 Laboratory Contact: JENNIFER MILLER

**GUSTODY SEAL**

Person Collecting Sample: [Signature] (signature)  
 Date Collected: 5/6/92  
 Time Collected: 1500  
 Sample No.: \_\_\_\_\_

Sample Identification	Date	Time	Sample Matrix	Vessel	Device	Containers	or Grab	Comment
① AREA 3; MW-20	5/5/92	1555	WATER	Boiler	Myer Probe	2x40ml	WCL Grab	VOCs (624) w/TICS
↓	↓	↓				2x 1 litre	N	TPH d (3510)
↓	↓	↓				2x 1 litre	N	PCBs (8080)
② AREA 3; MW-18	5/6/92	0810				2x 40ml	WCL	VOCs (624) w/TICS
↓	↓	↓				2x 1 litre	N	TPH d (3510)
↓	↓	↓				2x 1 litre	N	PCBs (8080)
③ AREA 3; MW-19	5/6/92	0900				2x 40ml	WCL	VOCs (624) w/TICS
↓	↓	↓				2x 1 litre	N	TPH d (3510)
↓	↓	↓				2x 1 litre	N	Semi VOCs (625) w/TICS
↓	↓	↓				2x 1 litre	N	PCBs (8080)
④ AREA 3; DUP X-1	5/6/92					2x 40ml	WCL	VOCs (624) w/TICS
↓	↓	↓				2x 1 litre	N	TPH d (3510)
↓	↓	↓				2x 1 litre	N	Semi-VOCs (625) w/TICS
↓	↓	↓				2x 1 litre	N	PCBs (8080)

Name	Affiliation	Date	Time	Name	Date	Time
Relinquished by: <u>Walter O. Howard</u>	<u>DUNN</u>	<u>5/7/92</u>	<u>0720</u>	Received by Laboratory:		
Received by: <u>[Signature]</u>	<u>DUNN</u>	<u>5/7/92</u>	<u>0720</u>	Samples Intact & Properly Preserved:	<u>(Yes)</u>	or No
Relinquished by: <u>[Signature]</u>	<u>DUNN</u>	<u>5/7/92</u>	<u>1000</u>	Laboratory Comments:	<u>None</u>	
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>5/7/92</u>	<u>1000</u>	Rel. By: <u>Edward Allison</u>	Rec By: <u>Josephine</u>	

9205110

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

slightly contaminated



Client Name: <u>AMERICAN NATIONAL CAN CO.</u>	DGC Contact: <u>EDWARD AULSON</u>
Project No.: <u>02345-01983</u>	Laboratory Contact: <u>JENNIFER MILLER</u>
Site Location: <u>OAKLAND, CA.</u>	Lab Identification:
Sampler: <u>WALTER O. HUNTER</u>	

**CUSTODY SEAL**

Person Collecting Sample [Signature] Sample No. \_\_\_\_\_  
(signature)

Date Collected 5/6/92 Time Collected 1500

Sample Identification	Date	Time	Sample Matrix	Date Collected	Time Collected	Volume	Filter	Analysis
6) AREA 3; MW-6	5/4/92	1000	WATER	BAILER	NYLON ROPE	2x40 ML	HEC Grab	VOCs (624) w/TICS
↓						2x1 litre	N	TPH d (3510)
↓						2x1 litre	N	PCBs (8080)
7) AREA 3; MW-1						2x40 ML	HEC	VOCs (624) w/TICS
↓						2x1 litre	N	Semi-VOCs w/TICS (625)
↓						2x1 litre	N	+PH d (3510)
↓						2x1 litre	N	PCBs (8080)
8) AREA 3; MW-7						2x40 ML	HEC	VOCs (624) w/TICS
↓						2x1 litre	N	TPH d (3510)
↓						2x1 litre	N	PCBs (8080)
				<u>Walter O. Hunter</u>				
				<u>5/4/92</u>				

Name	Affiliation	Date	Time	Name	Date	Time
Relinquished by: <u>Walter O. Hunter</u>	<u>Dunn</u>	<u>5/7/92</u>	<u>0720</u>	Received by Laboratory:		
Received by: <u>[Signature]</u>	<u>DUNN</u>	<u>5/7/92</u>	<u>0720</u>	Samples Intact & Properly Preserved:	<u>Yes</u>	or No
Relinquished by: <u>[Signature]</u>	<u>DUNN</u>	<u>5/7/92</u>	<u>1000</u>	Laboratory Comments:	<u>None</u>	
Received by: <u>Bennett D. Carrizosa</u>	<u>ANAMETRIX</u>	<u>5/7/92</u>	<u>1000</u>	Rel. By: <u>Bennett D. Carrizosa</u>	Rec By: <u>Josephine Delcati</u>	FORM 50



**ANAMETRIX INC**

Environmental & Analytical Chemistry  
 1261 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 # : 9205081  
 Date Received : 05/06/92  
 Project ID : 02345-01983  
 Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9205081- 1	4:MW-8
9205081- 2	4:MW-9
9205081- 3	4:MW-14
9205081- 4	T.BLANK

This report consists of 12 pages not including the cover letter, and is organized in sections according to the specific Anamatrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anamatrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

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

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

Sarah Schoen, Ph.D.  
 Laboratory Director

5-21-92

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 Anamatrix 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 Anamatrix. 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

Anamatrix uses several data qualifiers (Q) in its 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 # : 9205081  
Date Received : 05/06/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GCMS  
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205081- 1	4:MW-8	WATER	05/05/92	624
9205081- 4	T.BLANK	WATER	05/05/92	624

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

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

Workorder # : 9205081  
Date Received : 05/06/92  
Project ID : 02345-01983  
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 624 analysis of samples 4:MW-8 and T. BLANK.

*Diana Maslow* 5-20-92  
Department Supervisor Date

*Lu-Lu Jr* 5-20-92  
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 4:MW-8  
 Matrix : WATER  
 Date Sampled : 5/ 5/92  
 Date Analyzed : 5/13/92  
 Instrument ID : MSD1

Anamatrix ID : 9205081-01  
 Analyst : LH  
 Supervisor : W  
 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 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : T.BLANK  
 Matrix : WATER  
 Date Sampled : 5/ 5/92  
 Date Analyzed : 5/13/92  
 Instrument ID : MSD1

Anamatrix ID : 9205081-04  
 Analyst : LH  
 Supervisor : UM  
 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.	10.	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 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID :  
 Sample ID : BLANK  
 Matrix : WATER  
 Date Sampled : 0/ 0/ 0  
 Date Analyzed : 5/13/92  
 Instrument ID : MSD1

Anamatrix ID : 0513B001  
 Analyst : *W*  
 Supervisor : *W*  
 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 624/8240  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Matrix : LIQUID

Anamatrix ID : 9205081  
 Analyst : *Lif*  
 Supervisor : *WJ*

	SAMPLE ID	SU1	SU2	SU3
1	BLANK	95	99	100
2	T.BLANK	100	96	99
3	4:MW-8	100	98	99
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 = 1,2-Dichloroethane-d4 (75-113)  
 SU2 = Toluene-d8 (83-110)  
 SU3 = 1,4-Bromofluorobenzene (82-114)

\* Values outside of Anamatrix QC limits



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

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

Workorder # : 9205081  
Date Received : 05/06/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205081- 1	4:MW-8	WATER	05/05/92	TPHd
9205081- 2	4:MW-9	WATER	05/05/92	TPHg/BTEX
9205081- 3	4:MW-14	WATER	05/05/92	TPHg/BTEX

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

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

Workorder # : 9205081  
Date Received : 05/06/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: TPH

QA/QC SUMMARY :

- The concentration reported as diesel for sample 4:MW-8 is primarily due to the presence of discrete hydrocarbon peaks not indicative of diesel fuel.

Cheryl Baumer 5/20/92  
Department Supervisor Date

C. Fer 5.20.92  
Chemist Date

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

Anamatrix W.O.: 9205081  
Matrix : WATER  
Date Sampled : 05/05/92

Project Number : 02345-01983  
Date Released : 05/19/92

Reporting Limit	Sample I.D.# 4:MW-9	Sample I.D.# 4:MW-14	Sample I.D.# 04B0515A
COMPOUNDS (ug/L)	-02	-03	BLANK
Benzene	0.5	ND	ND
Toluene	0.5	ND	ND
Ethylbenzene	0.5	ND	ND
Total Xylenes	0.5	ND	ND
TPH as Gasoline	50	ND	ND
% Surrogate Recovery	100%	103%	105%
Instrument I.D.	HP4	HP4	HP4
Date Analyzed	05/15/92	05/15/92	05/15/92
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.

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

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

Steve Pomeroy 5/20/92  
Analyst Date

Cheryl Balmer 5/20/92  
Supervisor Date

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

Anamatrix W.O.: 9205081  
 Matrix : WATER  
 Date Sampled : 05/05/92  
 Date Extracted: 05/13/92

Project Number : 02345-01983  
 Date Released : 05/19/92  
 Instrument I.D.: HP19

Anamatrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9205081-01	4:MW-8	05/16/92	50	410
DWBL051392	METHOD BLANK	05/16/92	50	ND

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

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

TPHd - Total Petroleum Hydrocarbons as diesel is determined by GCFID following sample extraction by EPA Method 3550.

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

*C. Fan*                      5.20.92  
 Analyst                              Date

*Cheryl Bremer*              5/20/92  
 Supervisor                              Date

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

Sample I.D. : METHOD SPIKE	Anamatrix I.D. : SPK0513A
Matrix : WATER	Analyst : CF
Date Sampled : N/A	Supervisor : CB
Date Extracted: 05/13/92	Date Released : 05/19/92
Date Analyzed : 05/16/92	Instrument I.D.: HP19

COMPOUND	SPIKE AMT	REC MS	% REC MS	REC MD	% REC MD	% REC LIMITS
Diesel	1250	1080	86%	980	78%	36-150

\* Limits established by Anamatrix, Inc.

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

A MW-14 SAMPLE SHOULD BE FOR 8020 ml  
 W.J. Howard 5/6/92

Client Name: AMERICAN NATIONAL CAN COMPANY  
 Project No.: 02345-01983  
 Site Location: OAKLAND, CA  
 Sampler: WALTER O. HOWARD

DGC Contact: EDWARD ALUSOW  
 Laboratory Contact: JENNIFER MILLER  
 Lab Identification:  
 Date Report Required:



Sample Identification	Date	Time	Sample Matrix	Collection Vessel	Lowering Device	# Sample Containers	Preserv.	Comp. or Grab	ANALYSIS Comment
AREA 4; MW-8	5/5/92	1345	WATER	BAILER	NYLON ROPE	2 x 40 ml	HCL	Grab	VOCs (624) w/ TICs
						2 x 1 litre	N		TPH as diesel (3510)
						2 x 1 litre	N		PCBs (8080)
AREA 4; MW-9		1310				3 x 40 ml	HCL		TPH g (8015/8020) w/ BTEX (8020)
AREA 4; MW-14		1230				3 x 40 ml	HCL		TPH g (8015/8020) w/ BTEX (8020)*
TRIP BLANK									VOC (624)
<del>Walter O. Howard 5/5/92</del>									

Name	Affiliation	Date	Time	Name	Date	Time
Relinquished by: Walter O. Howard	DUNN CORP.	5/6/92	0910	Received by Laboratory:		
Received by: Jennifer Miller	ANAMETRIX	5/6/92	0910	Samples Intact & Properly Preserved:	Yes	No
Relinquished by: Walter O. Howard	ANAMETRIX	5/6/92	0950	Laboratory Comments:	Kept in cooler for receipt to labeling. A.C.	
Received by: Jason Cole	Anamatrix	5-06-92	0950			

**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 # : 9205243  
 Date Received : 05/18/92  
 Project ID : 02345-01983  
 Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9205243- 1	4:MW-8
9205243- 2	3:MW-18
9205243- 3	3:MW-19
9205243- 4	3:MW-20
9205243- 5	3:MW-1
9205243- 6	3:MW-6
9205243- 7	3:MW-7

This report consists of 12 pages not including the cover letter, and is organized in sections according to the specific Anamatrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anamatrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

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

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

*Larry Kent for*  
 \_\_\_\_\_  
 Sarah Schoen, Ph.D.  
 Laboratory Director

*05-22-92*  
 \_\_\_\_\_  
 Date

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

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

Workorder # : 9205243  
Date Received : 05/18/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: PEST

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9205243- 1	4:MW-8	WATER	05/18/92	8080 PCB
9205243- 2	3:MW-18	WATER	05/18/92	8080 PCB
9205243- 3	3:MW-19	WATER	05/18/92	8080 PCB
9205243- 4	3:MW-20	WATER	05/18/92	8080 PCB
9205243- 5	3:MW-1	WATER	05/18/92	8080 PCB
9205243- 6	3:MW-6	WATER	05/18/92	8080 PCB
9205243- 7	3:MW-7	WATER	05/18/92	8080 PCB



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

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

Workorder # : 9205243  
Date Received : 05/18/92  
Project ID : 02345-01983  
Purchase Order: 29518  
Department : GC  
Sub-Department: PEST

QA/QC SUMMARY :

- Samples are the resubmission for samples originally taken on 5-5-92 and 5-6-92.

Paul Fehon 5-22-92  
Department Supervisor Date

Larry Kent 5-22-92  
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/PCBs  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 4:MW-8  
 Matrix : WATER  
 Date Sampled : 5/18/92  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : 9205243-01  
 Analyst : *do*  
 Supervisor : *SR*

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 608/PCBs  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-18  
 Matrix : WATER  
 Date Sampled : 5/18/92  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : 9205243-02  
 Analyst : *ctd*  
 Supervisor : *STR*

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 608/PCBS  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-19  
 Matrix : WATER  
 Date Sampled : 5/18/92  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : 9205243-03  
 Analyst : JED  
 Supervisor : SR

Dilution Factor : 20.0  
 Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	10.	ND	U
11104-28-2	Aroclor-1221	10.	ND	U
11141-16-5	Aroclor-1232	10.	ND	U
53469-21-9	Aroclor-1242	10.	ND	U
12672-29-6	Aroclor-1248	10.	ND	U
11097-69-1	Aroclor-1254	20.	ND	U
11096-82-5	Aroclor-1260	20.	55.	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 608/PCBs  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-20  
 Matrix : WATER  
 Date Sampled : 5/18/92  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : 9205243-04  
 Analyst : JCO  
 Supervisor : SR

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 608/PCBS  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-1  
 Matrix : WATER  
 Date Sampled : 5/18/92  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : 9205243-05  
 Analyst : *fw*  
 Supervisor : *SR*

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 608/PCBS  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-6  
 Matrix : WATER  
 Date Sampled : 5/18/92  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : 9205243-06  
 Analyst : JLO  
 Supervisor : JKR

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 608/PCBS  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : 3:MW-7  
 Matrix : WATER  
 Date Sampled : 5/18/92  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : 9205243-07  
 Analyst : JTO  
 Supervisor : JBR

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 608/PCBS  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-  
 Sample ID : BLANK  
 Matrix : WATER  
 Date Sampled : 0/ 0/ 0  
 Date Extracted : 5/20/92  
 Amount Extracted : 1000.0 mL  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : PCBWBLK05209  
 Analyst : *SLD*  
 Supervisor : *SK*

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

SURROGATE RECOVERY SUMMARY -- EPA METHOD 608/PCBs  
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
Matrix : LIQUID

Anametrix ID : 9205243  
Analyst : JCO  
Supervisor : STR

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	96					
2	4:MW-8	100					
3	3:MW-18	91					
4	3:MW-20	92					
5	3:MW-1	95					
6	3:MW-6	105					
7	3:MW-7	101					
8	BLANKMS	108					
9	BLANKMSD	116					
10	3:MW-19	89					
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

QC LIMITS

(30-130)

SU1 = 10-CH-BIPHENYL

\* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 608/PCBs  
 ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01  
 Sample ID : BLANK  
 Matrix : WATER  
 Date Sampled : 0/ 0/ 0  
 Date Extracted : 5/20/92  
 Date Analyzed : 5/22/92  
 Instrument ID : HP 5

Anamatrix ID : BLANK SPK DUP.  
 Analyst : JLO  
 Supervisor : SM

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
Aroclor-1248	15.00	.00	8.24	55	30-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
Aroclor-1248	15.00	8.60	57	4	30	30-130

\* Value is outside of Anamatrix QC limits

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



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

P.O. # 29518 92050815  
**CHAIN-OF-CUSTODY RECORD**

PROJECT NUMBER		PROJECT NAME				Number of Cntnrs	Type of Containers	Type of Analysis										Condition of Samples	Initial		
02345-01983																					
Send Report Attention of:				Report Due		Verbal Due															
MR. EDWARD ALUSOW				5/21/92		/ /															
Sample Number	Date	Time	Comp	Matrix	Station Location																
① MW-8	5/18/92	12:05		W			2	Amber liter	X												
② MW-18	"	13:30		"			"	"	X												
③ MW-19	"	12:30		"			"	"	X												
④ MW-20	"	13:00		"			"	"	X												
⑤ MW-1	"	10:30		"			"	"	X												
⑥ MW-6	"	11:15		"			"	"	X												
⑦ MW-7	"	10:15		"			"	"	X												

8080 PEB

- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦

Relinquished by: (Signature) <i>Jayhi Memul</i>	Date/Time 5/18/92 15:10	Received by: (Signature) <i>Carol Col</i>	Date/Time 5/18/92 15:10
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time

Remarks: Please make this comment in report QA Summary:  
 These results are taken from samples submitted on 5-18-92. Original samples taken by Dunn Corp. had mixed hold times. Reference Anamatrix workorders 9205081 and 9205110. gm  
 DUNN CORP. 5-18-92

COMPANY: DUNN CORP.  
 ADDRESS: WORKORDERS 9205081 and 9205110. gm  
 PHONE: FAX:

LEGEND

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 10

PROJ. MGR: Edward W. Alusow	<b>REVISIONS</b>	<b>BY</b>	<b>DATE</b>
PREPARED BY: Walter O. Howard			
DRAFTED BY: S.C.Galloway			
CHECKED BY:			
PROJ. NO.: 02345-01983			
DWG. NO. 2M8985_10			
DATE: March 1992			
SHEET 1 OF 4			
DATUM:			
CONTOUR INTERVAL = .25'/1.0' Ft.			
USGS QUAD.: OAKLAND EAST			

GEOGRAPHIC NORTH

SCALE IN FEET

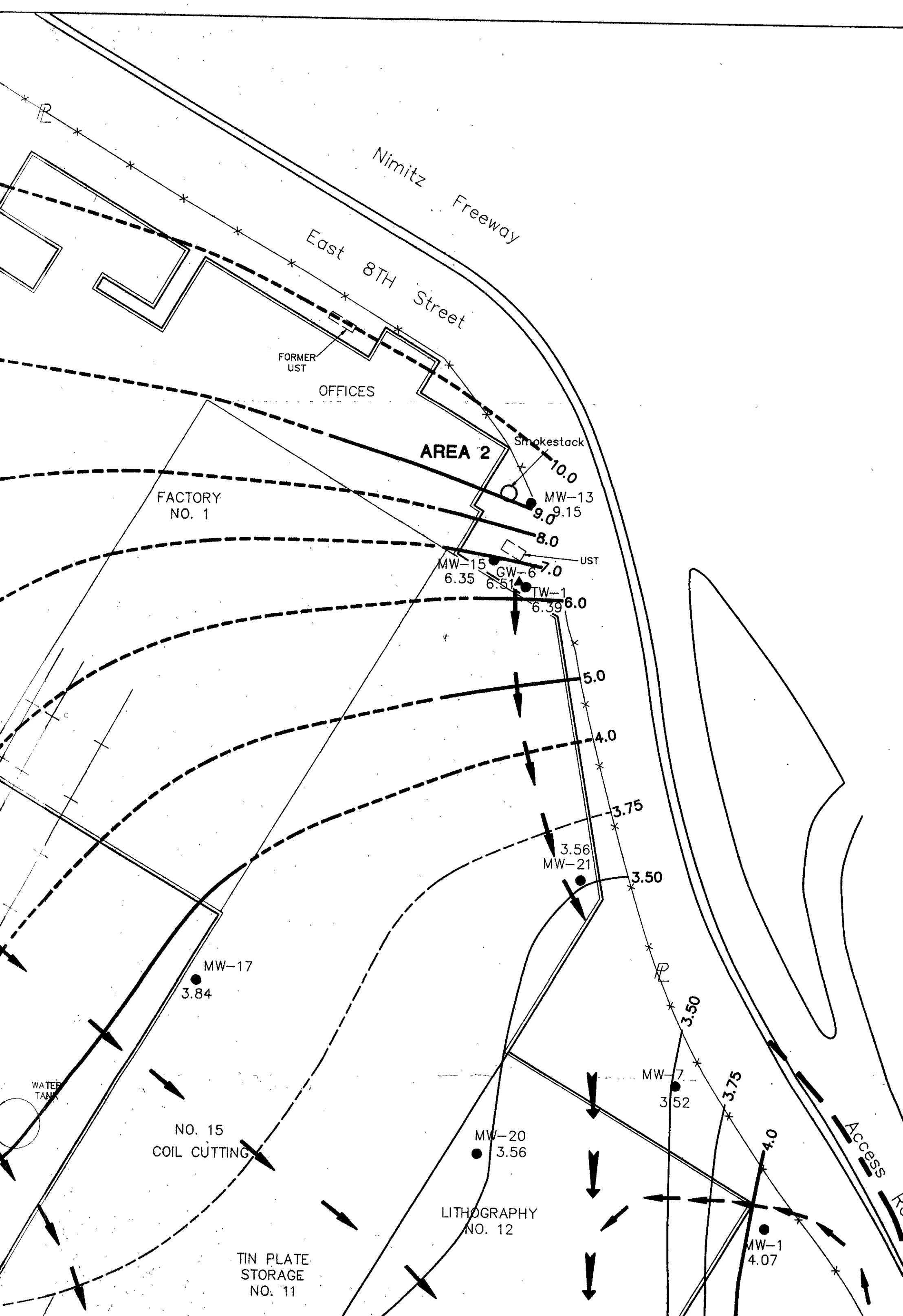
**DUNN GEOSCIENCE CORPORATION**  
 12 Metro Park Road  
 Albany, NY 12205

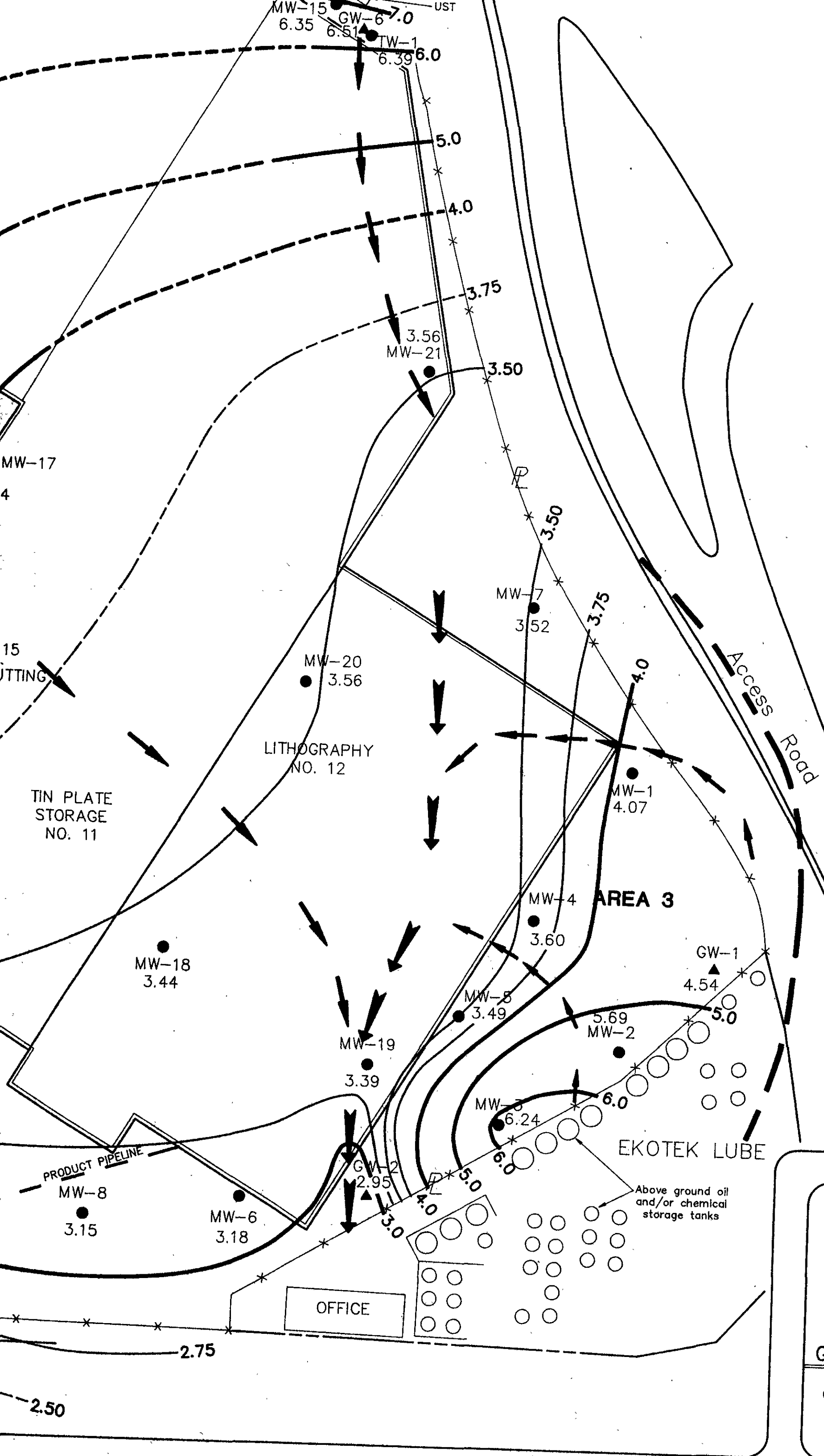
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GROUNDWATER CONTOUR MAP 5/5/92  
**AMERICAN NATIONAL CAN**  
 OAKLAND PLANT

---

CITY OF OAKLAND ALAMEDA COUNTY, CA





LEGEND

MW-3 WELL  
 ● MONIT  
 6.29 GROUND

— 4.0 GROUND  
 (dashed)

← DIRECT

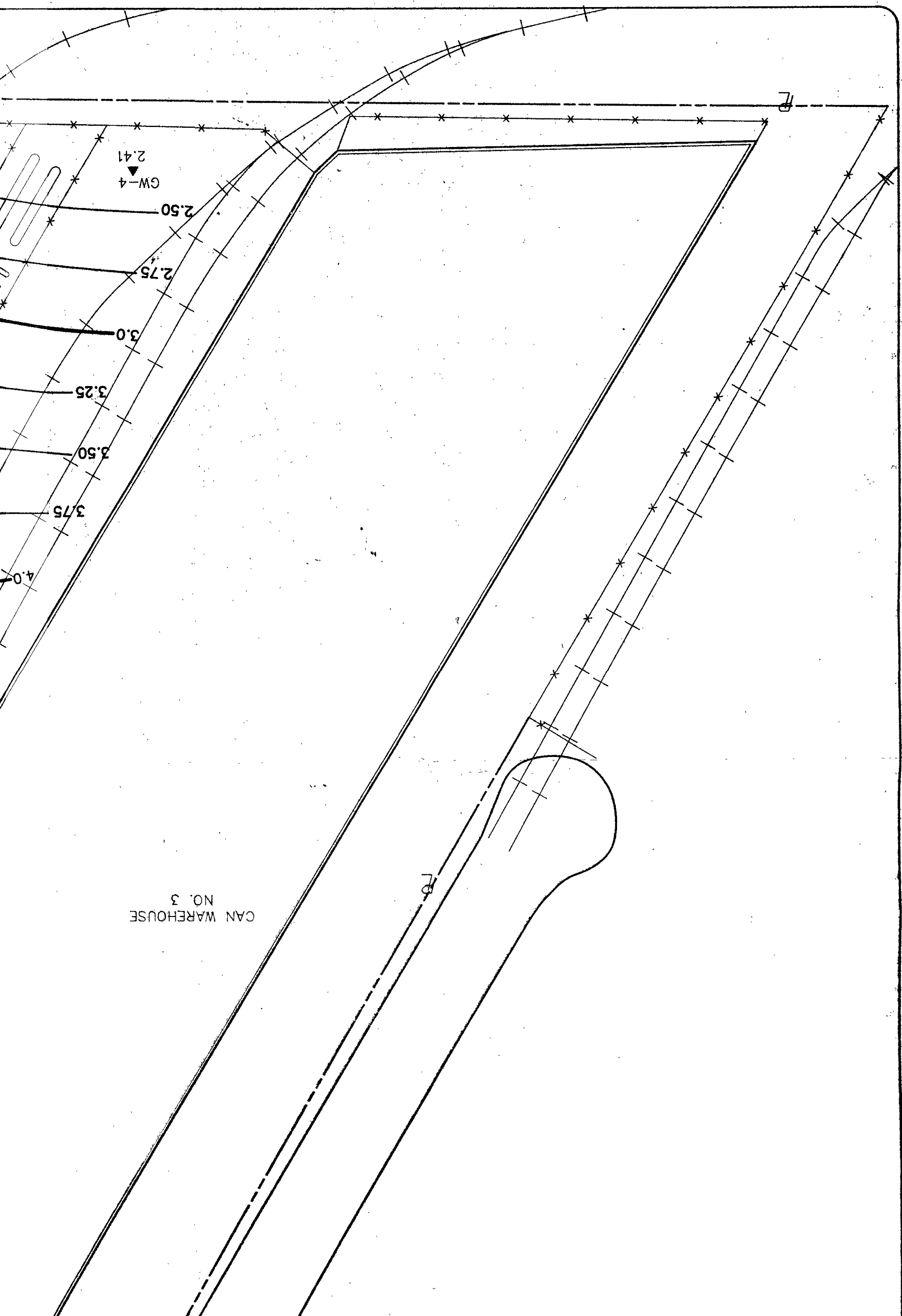
← INFERR  
 TROUGH

- - - INFERR  
 DIVIDE

PROJ. MGR:	Edw
PREPARED BY:	W
DRAFTED BY:	S.
CHECKED BY:	
PROJ. NO:	02345
DWG. NO.:	2M898
DATE:	March
SHEET:	1 of 1
DATUM:	
CONTOUR INTERVAL:	
USGS QUAD:	OAKLA

**GEOGRAPHIC NORTH**

**SCALE IN FEET**



CAN WAREHOUSE  
NO. 3

GW-4  
2.41

2.50

2.75

3.0

3.25

3.50

3.75

4.0



CAN WAREHOUSE  
NO. 3

Ave.

37th

70

