DUNN CORPORATION

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

April 26, 1993

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 an eighth round of quarterly groundwater monitoring for the subject site, the fourth round following the revised groundwater monitoring plan (dated April 27, 1992). This round of monitoring was conducted on March 3 and 4, 1993.

While completing this round of sampling, monitoring wells GW-2 in Area 3 and TW-1 in Area 2 had thin layers of floating free product. Due to the presence of free product in these wells, representative groundwater samples could not be collected. In complying with requests outlined in your February 5, 1993 letter, free product identified during monitoring was removed from each well and stored in DOT-approved 55-gallon drums for future off-site disposal.

Since the presence of product precluded the collection of a sample from GW-2 for analysis, the sample from MW-6 was analyzed for semi-volatile organic compounds. Groundwater samples from all other monitoring wells were collected and analyzed in accordance with the revised monitoring plan.

The trace estimated concentration (2 ppb) of 1,1-dichloroethane in MW-8, where it was not previously detected, may be migrating from Area 3 due to the unusually high water levels. This monitoring well will continue to be monitored to evaluate the significance of the presence of contamination and to evaluate also the possibility that the contaminant plume emanating from Ekotech Lube into Area 3 is expanding or moving. Otherwise, analytical results obtained from this round of groundwater monitoring do not reveal any remarkable changes from previous sampling events.

With this letter, DUNN is forwarding the results obtained during this third quarterly monitoring event. Table 1 is a summary of groundwater levels and product thickness measurements recorded March 1, 1993. Plate 13 is a map of these groundwater elevation measurements. Table 2 provides a summary of the results from analyses of groundwater samples collected. A detailed laboratory analytical report is included with this letter.

If you have any questions, please call me.

Very truly yours,

DUNN CORPORATION

Edward W. Alusow

Edward W. Alusow
Senior Project Manager

EWA/me

cc: J. Peters, ANC
J. Moran, Esq., ANC
L. Feldman, SFBRWQCB
W. Howard

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.	12/3/92 DEPTH TO PRODUCT	12/3/92 DEPTH TO WATER	12/3/92 W.T. EL.	3/1/93 DEPTH TO PRODUCT	3/1/93 DEPTH TO WATER	3/1/93 W.T. EL.
MW-1	15.47		11.40	4.07		13.06	2.41		13.53	1.94		10.12	5.35
MW-2	14.86		9.17	5.69		10.76	4.10	11.29	11.40	3.55	8.81	8.79	6.05
MW-3	14.56		8.32	6.24		9.59	4.97		10.12	4.44		7.96	6.60
MW-4	15.27		11.67	3.60		12.48	2.79		12.94	2.33		10.38	4.89
MW-5	14.73	11.21	11.40	3.49	11.96	12.30	2.71	12.26	12.85	2.37	9.97	10.08	4.74
MW-6	13.24		10.06	3.18		10.70	2.54		10.96	2.28		8.74	4.50
MW-7	16.20		12.68	3.52		13.40	2.80		13.78	2.42		11.48	4.72
MW-8	12.90		9.75	3.15		10.39	2.51		10.67	2.23		8.58	4.32
MW-9	11.69		9.17	2.52		9.68	2.01		9.79	1.90		7.98	3.71
MW-10	13.03		9.66	3.37		10.34	2.69		10.66	2.37		8.38	4.65
MW-11	14.49		10.53	3.96		11.29	3.20		11.71	2.78		9.28	5.21
MW-12	16.81		7.04	9.77		7.90	8.91		8.30	8.51		7.66	9.15
MW-13	18.31		9.16	9.15		9.91	8.40		10.67	7.64		8.34	9.97
MW-14	12.00		9.36	2.64		9.88	2.12		10.03	1.97		8.16	3.84
MW-15	17.88		11.53	6.35		12.44	5.44		12.85	5.03		10.42	7.46
MW-16	12.26		9.07	3.19		9.72	2.54		10.02	2.24		7.87	4.39
MW-17	9.09		5.25	3.84		6.01	3.08		6.46	2.63		3.66	5.43
MW-18	13.10		9.66	3.44		10.34	2.76		10.71	2.39		8.38	4.72
MW-19	13.12		9.73	3.39		10.42	2.70		10.78	2.34		8.44	4.68
MW-20	13.14		9.58	3.56		10.29	2.85		10.70	2.44		8.32	4.82
MW-21	12.86		9.30	3.56		10.00	2.86		10.42	2.44		8.08	4.78
TW-1	17.76		11.37	6.39		12.13	5.63		12.75	5.01	10.11	10.14	7.62
GW-1	15.35	10.81	10.82	4.54	12.41	12.44	2.93	13.10	13.12	2.25	9.94	9.97	5.40
GW-2	13.10	10.15	10.16	2.95	10.72	10.75	2.37	10.90	10.91	2.20	8.80	8.86	4.29
GW-3	11.55		8.60	2.95		9.20	2.35		9.32	2.23		7.34	4.21
GW-4	11.70		9.29	2.41		9.69	2.01		9.66	2.04		8.30	3.40
GW-5	17.72		7.63	10.09		8.58	9.14		9.26	8.46		7.08	10.64
GW-6	19.78	13.25	13.38	6.51	14.17	14.24	5.60	14.71	14.74	5.06	11.59	11.78	8.16

All elevations (EL.) are expressed in feet above mean sea level.
Depths are measured in feet below the well measuring point (M.P.).
Estimated product specific gravity of 0.83 was used to calculate an adjusted depth to water in wells containing product.

TABLE 2
AMERICAN NATIONAL CAN COMPANY
OAKLAND, CALIFORNIA, FACILITY
Summary of Quarterly Ground Water Analytical Results - March, 1993

ANALYSIS	AREA - 2		AREA - 3						AREA - 4		
	MW-21	TW-1	MW-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	--	--
Vinyl Chloride	--	--	12	nd	nd	nd	nd	nd	nd	--	--
Chloroethane	--	--	nd	nd	nd	nd	3 J	nd	nd	--	--
1,1-Dichloroethene	--	--	nd	6	nd	nd	nd	nd	nd	--	--
1,1-Dichloroethane	--	--	nd	200	nd	nd	nd	nd	2 J	--	--
1,1,1-Trichloroethane	--	--	nd	15	nd	nd	nd	nd	nd	--	--
Benzene	--	--	nd	nd	nd	nd	9	nd	nd	--	--
Tetrachloroethene	--	--	nd	nd	nd	nd	nd	3 J	nd	--	--
2-Hexanone	--	--	nd	nd	nd	nd	45	nd	nd	--	--
Chlorobenzene	--	--	4 J	nd	nd	nd	35	nd	nd	--	--
Ethylbenzene	--	--	nd	nd	nd	nd	nd	nd	nd	--	--
Total Xylenes	--	--	3 J	nd	nd	nd	5 J	nd	nd	--	--
1,3-Dichlorobenzene	--	--	3 J	nd	nd	nd	4 J	nd	nd	--	--
1,4-Dichlorobenzene	--	--	17	nd	nd	nd	25	nd	nd	--	--
1,2-Dichlorobenzene	--	--	14	nd	nd	nd	31	nd	nd	--	--
Total	--	--	53 J	221	nd	nd	157 J	3 J	2 J	--	--
TICS Total	--	--	90 J	0	0	0	1300 J	0	0	--	--
Semi-Volatile Organics (EPA Methods 625)(ug/l)											
Dilution Factor	--	--	1.0	1.0	--	--	1 0	--	--	--	--
1,3-Dichlorobenzene	--	--	2 J	nd	--	--	3 J	--	--	--	--
1,4-Dichlorobenzene	--	--	13	nd	--	--	20	--	--	--	--
1,2-Dichlorobenzene	--	--	10	nd	--	--	26	--	--	--	--
Benzoic Acid	--	--	6 J	nd	--	--	nd	--	--	--	--
Naphthalene	--	--	2 J	nd	--	--	12	--	--	--	--
2-Methylnaphthalene	--	--	nd	nd	--	--	61	--	--	--	--
Acenaphthene	--	--	nd	nd	--	--	3 J	--	--	--	--
Fluorene	--	--	nd	nd	--	--	3 J	--	--	--	--
Phenanthrene	--	--	nd	nd	--	--	7 J	--	--	--	--
Di-N-Butylphthalate	--	--	2 J	nd	--	--	2 J	--	--	--	--
Fluoranthene	--	--	nd	nd	--	--	2 J	--	--	--	--
Pyrene	--	--	nd	nd	--	--	2 J	--	--	--	--
Bis (2-Ethylhexyl) Phthalate	--	--	34 B	15 B	--	--	22 B	--	--	--	--
Total	--	--	69 JB	15 B	--	--	163 JB	--	--	--	--
TICS Total	--	--	119 J	24 J	--	--	300 J	--	--	--	--
TPH as Gasoline (EPA Methods 5030/8015)(ug/l)	--	--	--	--	--	--	--	--	nd	nd	nd
BTEX (EPA Methods 5030/8020)(ug/l)											
Benzene	--	--	--	--	--	--	--	--	--	nd	nd
Toluene	--	--	--	--	--	--	--	--	--	nd	nd
Ethylbenzene	--	--	--	--	--	--	--	--	--	nd	nd
Total Xylenes	--	--	--	--	--	--	--	--	--	nd	nd
TPH as Diesel (EPA Method 3510)(ug/l)	64	--	680	nd	160	nd	67000	nd	nd	--	--
PCBs (EPA Method 8080)(ug/l) Aroclor-1260	--	--	3.2	nd	nd	nd	9.7	nd	nd	--	--
Metals											
Nickel (filtered)	nd	--	--	--	--	--	--	--	--	--	--
Zinc (filtered)	nd	--	--	--	--	--	--	--	--	--	--

- - indicates compound was not analyzed for.
nd indicates compound was not detected.
J indicates compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value.
B indicates compound was detected in the associated laboratory method blank.

ANAMETRIX INC
Environmental & Analytical Chemistry

Part of INCHCAPE ENVIRONMENTAL

REPORT

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

Workorder # : 9303062
Date Received : 03/04/93
Project ID : 02345-01983
Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9303062- 1	3:MW-1
9303062- 2	3:MW-6
9303062- 3	3:MW-7
9303062- 4	3:MW-18
9303062- 5	3:MW-19
9303062- 6	3:MW-20
9303062- 7	T. BLANK
9303062- 8	B. BLANK

This report consists of 44 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

03-19-93
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 # : 9303062
Date Received : 03/04/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303062- 1	3:MW-1	WATER	03/04/93	624
9303062- 2	3:MW-6	WATER	03/04/93	624
9303062- 3	3:MW-7	WATER	03/04/93	624
9303062- 4	3:MW-18	WATER	03/04/93	624
9303062- 5	3:MW-19	WATER	03/04/93	624
9303062- 6	3:MW-20	WATER	03/04/93	624
9303062- 7	T. BLANK	WATER	02/19/93	624
9303062- 1	3:MW-1	WATER	03/04/93	625
9303062- 2	3:MW-6	WATER	03/04/93	625
9303062- 5	3:MW-19	WATER	03/04/93	625

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

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

Workorder # : 9303062
Date Received : 03/04/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- Acid surrogates were outside established limits in the EPA Method 625 analysis of sample 3:MW-1.
- Internal standard areas are outside established limits in the EPA Method 625 analysis of sample 3:MW-6.
- The sample T. blank was analyzed outside established hold time in the EPA Method 624 analysis per client services instructions on 03-08-93.

Department Supervisor 3/19/93 Date

Chemist 19 March 93 Date

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

Project ID : 02345-01
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-01
Analyst : lw
Supervisor : BCJ

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.	12.	
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.	4.	J
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	3.	J
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	3.	J
106-46-7	1,4-Dichlorobenzene	5.	17.	
95-50-1	1,2-Dichlorobenzene	5.	14.	

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-01
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	74752-93-5	Cyclopropane, 1,1,2,3-tetram	0.	10.	J
2.	611-14-3	Benzene, 1-ethyl-2-methyl-	0.	20.	J
3.	2847-72-5	Decane, 4-methyl-	0.	20.	J
4.	637-50-3	Benzene, 1-propenyl-	0.	10.	J
5.	27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	0.	30.	J
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

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

Project ID : 02345-01
Sample ID : 3:MW-6
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9302062-02
Analyst : ww
Supervisor : [illegible]
Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10.	ND	U
75-01-4	Vinyl chloride	10.	ND	U
74-83-9	Bromomethane	10.	ND	U
75-00-3	Chloroethane	10.	ND	U
75-69-4	Trichlorofluoromethane	5.	ND	U
75-35-4	1,1-Dichloroethene	5.	6.	
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.	200.	
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.	15.	
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
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-7
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-03
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

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

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

Project ID	: 02345-01	Anametrix ID	: 9303062-04
Sample ID	: 3:MW-18	Analyst	: lw
Matrix	: WATER	Supervisor	: sky
Date Sampled	: 3/ 4/93		
Date Analyzed	: 3/ 9/93	Dilution Factor	: 1.0
Instrument ID	: MSD1	Conc. Units	: ug/L

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

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

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-05
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.	3.	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.	9.	
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.	45.	
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	35.	
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	5.	J
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.	25.	
95-50-1	1,2-Dichlorobenzene	5.	31.	

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

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-05
Analyst :
Supervisor :

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	5911-04-6	Nonane, 3-methyl-	0.	300.	J
2.	74752-93-5	Cyclopropane, 1,1,2,3-tetram	0.	200.	J
3.	- -	UNKNOWN	0.	300.	J
4.	29053-04-1	Cyclopentane, 1-methyl-3-(2-	0.	200.	J
5.	2847-72-5	Decane, 4-methyl-	0.	300.	J
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
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30.					

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

Project ID : 02345-01
Sample ID : 3:MW-20
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-06
Analyst : LL
Supervisor : BT

Dilution Factor : 1.0
Conc. Units : ug/L

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

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

Project ID : 02345-01
Sample ID : T. BLANK
Matrix : WATER
Date Sampled : 2/19/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-07
Analyst : uu
Supervisor : SKP

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
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : VBLK1A
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : BM0903A2
Analyst : ww
Supervisor : sm

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
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9303062
Analyst : iw
Supervisor : SW

	SAMPLE ID	SU1	SU2	SU3
1	VBLK1A	101	100	99
2	LCS1A	102	101	100
3	3:MW-18	103	101	98
4	T. BLANK	101	102	99
5	3:MW-MS	100	102	99
6	3:MW-MSD	103	103	99
7	3:MW-6	103	99	100
8	3:MW-1	100	96	109
9	3:MW-19	97	96	106
10	3:MW-7	100	92	108
11	3:MW-20	102	97	102
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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 624
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-18
Matrix : WATER
Date Sampled : 3/ 4/93
Date Analyzed : 3/ 9/93
Instrument ID : MSD1

Anametrix ID : 9303062-04
Analyst : lw
Supervisor : sy

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	%REC LIMITS
1,1-Dichloroethene	50.	0.	51.	101	67-150
Benzene	50.	0.	47.	93	75-134
Trichloroethene	50.	0.	47.	94	69-136
Toluene	50.	0.	47.	94	78-130
Chlorobenzene	50.	0.	47.	93	85-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
1,1-Dichloroethene	50.	56.	112	10	25	67-150
Benzene	50.	52.	103	10	25	75-134
Trichloroethene	50.	52.	103	10	25	69-136
Toluene	50.	52.	104	10	25	78-130
Chlorobenzene	50.	52.	104	11	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 624/8240
ANAMETRIX, INC. (408)432-8192

Project/Case	:	Anametrix ID	: MM0901A2
Matrix	: WATER	Analyst	:
Date Sampled	: 0/ 0/ 0	Supervisor	:
Date Analyzed	: 3/9/93	SDG/Batch	:
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	72-145
Benzene	50	0	47	94	83-125
Trichloroethene	50	0	42	84	61-140
Toluene	50	0	48	96	82-123
Chlorobenzene	50	0	51	102	82-125

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

Project ID : 02345-01
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-01
Analyst :
Supervisor :

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.	2.	J
106-46-7	1,4-DICHLOROBENZENE	10.	13.	
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	10.	
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.	6.	J
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.	2.	J
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
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-01
Analyst :
Supervisor :

Dilution Factor : 1.0
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.	2.	J
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.	34.	B
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
ANAMETRIX, INC. (408)432-8192

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-1
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-01
Analyst : SF
Supervisor : SY

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	4.	J
2.	- -	UNKNOWN	0.	40.	J
3.	822-67-3	2-CYCLOHEXEN-1-OL	0.	4.	J
4.	464-07-3	2-BUTANOL, 3,3-DIMETHYL-	0.	9.	J
5.	74498-88-7	ETHANE, 1-METHOXY-2-(METHOXY	0.	20.	J
6.	767-58-8	1H-INDENE, 2,3-DIHYDRO-1-MET	0.	10.	J
7.	1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	0.	7.	J
8.	41239-48-9	FURAN, 2,5-DIETHYLTETRAHYDRO	0.	20.	J
9.	54932-78-4	PHENOL, 4-(2,2,3,3-TETRAMETH	0.	5.	J
10.					
11.					
12.					
13.					
14.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-6
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-02
Analyst : CF
Supervisor : [illegible]

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.	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
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-6
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-02
Analyst :
Supervisor :

Dilution Factor : 1.0
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.	15.	B
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
ANAMETRIX, INC. (408)432-8192

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-6
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-02
Analyst : CF.
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	- -	UNKNOWN	0.	3.	J
2.	822-67-3	2-CYCLOHEXEN-1-OL	0.	2.	J
3.	111-76-2	ETHANOL, 2-BUTOXY-	0.	6.	J
4.	74498-88-7	ETHANE, 1-METHOXY-2-(METHOXY	0.	9.	J
5.	112-36-7	ETHANE, 1,1'-OXYBIS[2-ETHOXY	0.	4.	J
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-05
Analyst : [illegible]
Supervisor : [illegible]

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.	3.	J
106-46-7	1,4-DICHLOROBENZENE	10.	20.	
100-51-6	BENZYL ALCOHOL	10.	ND	U
95-50-1	1,2-DICHLOROBENZENE	10.	26.	
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.	12.	
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.	61.	
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
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-05
Analyst : CF
Supervisor : MJ

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
83-32-9	ACENAPHTHENE	10.	3.	J
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.	3.	J
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.	7.	J
120-12-7	ANTHRACENE	10.	ND	U
84-74-2	DI-N-BUTYLPHTHALATE	10.	2.	J
206-44-0	FLUORANTHENE	10.	2.	J
129-00-0	PYRENE	10.	2.	J
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.	22.	B
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
ANAMETRIX, INC. (408)432-8192

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID : 02345-01
Sample ID : 3:MW-19
Matrix : WATER
Date Sampled : 3/ 4/93
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/19/93
Instrument ID : F3

Anametrix ID : 9303062-05
Analyst : CF
Supervisor : MC

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	62108-25-2	DECANE, 2,6,7-TRIMETHYL-	0.	30.	J
2.	17302-28-2	NONANE, 2,6-DIMETHYL-	0.	40.	J
3.	1560-06-1	BENZENE, 2-BUTENYL-	0.	20.	J
4.	2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	0.	20.	J
5.	1750-51-2	NAPHTHALENE, DECAHYDRO-1,6-D	0.	20.	J
6.	17301-23-4	UNDECANE, 2,6-DIMETHYL-	0.	40.	J
7.	26730-14-3	TRIDECANE, 7-METHYL-	0.	40.	J
8.	54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	0.	50.	J
9.	55045-13-1	TETRADECANE, 6,9-DIMETHYL-	0.	10.	J
10.	54105-67-8	HEPTADECANE, 2,6-DIMETHYL-	0.	30.	J
11.					
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ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 625
ANAMETRIX, INC. (408)432-8192

Project ID	:	Anametrix ID	: BM1501B1
Sample ID	: BLANK	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 3/10/93		
Amount Extracted	: 1000.0 mL		
Date Analyzed	: 3/15/93	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
ANAMETRIX, INC. (408)432-8192

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/15/93
Instrument ID : F3

Anametrix ID : BM1501B1
Analyst : CR
Supervisor : SM

Dilution Factor : 1.0
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.	16.	
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
ANAMETRIX, INC. (408)432-8192

TENTATIVELY IDENTIFIED COMPOUNDS

Project ID :
Sample ID : BLANK
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Extracted : 3/10/93
Amount Extracted : 1000.0 mL
Date Analyzed : 3/15/93
Instrument ID : F3

Anametrix ID : BM1501B1
Analyst :
Supervisor :

Dilution Factor : 1.0
Conc. Units : ug/L

	CAS NUMBER	COMPOUND NAME	REPORTING LIMIT	ESTIMATED CONC.	Q
1.	111-77-3	ETHANOL, 2-(2-METHOXYETHOXY)	0.	3.	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

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

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9303062
Analyst : [illegible]
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	BLANK	97	91	52	80	71	76
2	LCS	88	94	56	97	113	98
3	LCSD	76	83	49	91	107	91
4	3:MW-1	29	66	55	87	38	64
5	3:MW-6	70	70	46	86	95	81
6	3:MW-19	64	63	61	35 *	74	15 *
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	: MM1701B1
Matrix	: WATER	Analyst	: LH
Date Sampled	: 00/00/00	Supervisor	: SKC
Date Extracted	: 03/10/93	SDG/Batch	: N/A
Date Analyzed	: 03/17/93		
Instrument ID	: F3		

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	%REC LIMITS
Phenol	75	0	74	99	12-110
2-Chlorophenol	75	0	74	99	27-123
1,4-Dichlorobenzene	50	0	45	90	36-97
N-nitroso-di-n-propylamine	50	0	53	106	41-116
1,2,4-Trichlorobenzene	50	0	53	106	39-98
4-Chloro-3-methylphenol	75	0	78	104	23-97
Acenaphthene	50	0	56	112	46-118
4-Nitrophenol	75	0	75	100	10-80
2,4-Dinitrotoluene	50	0	60	120	24-96
Pentachlorophenol	75	0	109	145	10-103
Pyrene	50	0	54	108	26-127

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

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

Workorder # : 9303062
Date Received : 03/04/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303062- 1	3:MW-1	WATER	03/04/93	8080 PCB
9303062- 2	3:MW-6	WATER	03/04/93	8080 PCB
9303062- 3	3:MW-7	WATER	03/04/93	8080 PCB
9303062- 4	3:MW-18	WATER	03/04/93	8080 PCB
9303062- 5	3:MW-19	WATER	03/04/93	8080 PCB
9303062- 6	3:MW-20	WATER	03/04/93	8080 PCB

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

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

Workorder # : 9303062
Date Received : 03/04/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- No QA/QC problems encountered for samples.

Department Supervisor 3/18/93 Date

Chemist 3/18/93 Date

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

Project ID	: 02345-01983	Anametrix I.D.	: 9303062-01
Sample ID	: 3:MW-1	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 03/04/93	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/18/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	3.2
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	93%	30-130%

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

* Anametrix advisory limits

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

Project ID	: 02345-01983	Anametrix I.D.	: 9303062-02
Sample ID	: 3:MW-6	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 03/04/93	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/16/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	90%	30-130%

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

* Anametrix advisory limits

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

Project ID	: 02345-01983	Anametrix I.D.	: 9303062-03
Sample ID	: 3:MW-7	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 03/04/93	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/16/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	64%	30-130%

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

* Anametrix advisory limits

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

Project ID	: 02345-01983	Anametrix I.D.	: 9303062-04
Sample ID	: 3:MW-18	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 03/04/93	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/16/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	65%	30-130%

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

* Anametrix advisory limits

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

Project ID	: 02345-01983	Anametrix I.D.	: 9303062-05
Sample ID	: 3:MW-19	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 03/04/93	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/18/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	9.7
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	84%	30-130%

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

* Anametrix advisory limits

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

Project ID	: 02345-01983	Anametrix I.D.	: 9303062-06
Sample ID	: 3:MW-20	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 03/04/93	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/16/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	60%	30-130%

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

* Anametrix advisory limits

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

Project ID	: N/A	Anametrix I.D.	: PCBWBLK0309
Sample ID	: METHOD BLANK	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: N/A	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/16/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	70%	30-130%

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

* Anametrix advisory limits

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080/PCBs
PESTICIDE LABORATORY CONTRL SPIKE REPORT
EPA METHOD 8080/PCBs
ANAMETRIX, INC. (408)432-8192

Project ID	: N/A	Anametrix I.D.	: PCBWLCS0309
Sample ID	: LCS	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: N/A	Volume ext. (ml)	: 1000
Date Extracted	: 03/09/93	Final Vol. (ml)	: 10
Date Analyzed	: 03/16/93	Inj. Vol. (ul)	: 1
Instrument ID	: HP5	pH	: N/A
Dilution	: NONE		

COMPOUND	Spike Added (ug/L)	LCS (ug/L)	LCS %Rec		%REC LIMITS*
Aroclor 1248	15.0	13.8	92%		30-130%
COMPOUND	Spike Added (ug/L)	LCSD (ug/L)	LCSD %Rec	RPD	%RPD LIMITS*
Aroclor 1248	15.0	13.7	91%	1%	25
SURROGATE	LCS %REC		LCSD %REC		%REC LIMITS*
Decachlorobiphenyl	87%		83%		30-130%

* Anametrix advisory limits

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

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

Workorder # : 9303062
Date Received : 03/04/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303062- 1	3:MW-1	WATER	03/04/93	TPHd
9303062- 2	3:MW-6	WATER	03/04/93	TPHd
9303062- 3	3:MW-7	WATER	03/04/93	TPHd
9303062- 4	3:MW-18	WATER	03/04/93	TPHd
9303062- 5	3:MW-19	WATER	03/04/93	TPHd
9303062- 6	3:MW-20	WATER	03/04/93	TPHd

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

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

Workorder # : 9303062
Date Received : 03/04/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

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

Cheryl Bulmer 3/15/93
Department Supervisor Date

Charles M Burch 3.15.93
Chemist Date

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

Anametrix W.O.: 9303062
Matrix : WATER
Date Sampled : 03/04/93
Date Extracted: 03/08/93

Project Number : 02345-01983
Date Released : 03/15/93
Instrument I.D.: HP23

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9303062-01	3:MW-1	03/10/93	50	680
9303062-02	3:MW-6	03/10/93	50	ND
9303062-03	3:MW-7	03/10/93	50	160
9303062-04	3:MW-18	03/11/93	50	ND
9303062-05	3:MW-19	03/12/93	5000	67000
9303062-06	3:MW-20	03/11/93	50	ND
DWBL030893	METHOD BLANK	03/10/93	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.

Charlotte Burch 3.15.93
Analyst Date

Cheryl Beemer 3/15/93
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.	: LCSW0308
Matrix	: WATER	Analyst	: CMB
Date Sampled	: N/A	Supervisor	: JS
Date Extracted	: 03/08/93	Date Released	: 03/15/93
Date Analyzed	: 03/10/93	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	990	79%	980	78%	-1%	47-130

*Quality control established by Anametrix, Inc.

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

930 3062

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
02345-01983	American National Can. Co

Send Report Attention of:	Report Due	Verbal Due
Ed Alusow	3/18/93	/ /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: 624	TPHd	8080 PCB	625	Condition of Samples	Initial
1	Area 3 MW-1	3/4/93	11:00		W		8	2x40ml 6x Liter	X	X	X	X		
2	Area-3 MW-6	"	12:00				4	"	X	X	X	X		
3	Area3 MW-7	"	10:10		"		6	2x40ml 4x liter	X	X	X			
4	Area3 MW-18	"	13:15		"		"	"	X	X	X			
5	Area3 MW-19	"	14:40		"		8	2x40ml 6x liter	X	X	X	X		
6	Area3 MW-20	"	13:50		"		6	2x40ml 4x liter	X	X	X	X		
7	Trip Blank	2/19/93			"		2	40ml	X			X		
8	Bailer Blank	3/4/93			"		"	"		TPHd				

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	3/4/93 16:00	[signature]	3/4/93 16:00
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time

Remarks:

COMPANY: Dunn Corporation
ADDRESS: 12 Metro Park Road Albany N.Y. 12205
PHONE: (518) 458-1313 FAX:

ANAMETRIX INC
Environmental & Analytical Chemistry
Part of INCHCAPE ENVIRONMENTAL

REPORT

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

Workorder # : 9303046
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9303046- 1	4:MW-8
9303046- 2	4:MW-9
9303046- 3	4:MW-14
9303046- 4	4:GW-3
9303046- 5	T. BLANK
9303046- 6	B. BLANK

This report consists of 20 pages not including the cover letter, and is organized in sections according to the specific Anametrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anametrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

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

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

Sarah Schoen, Ph.D.
Laboratory Director

03-17-93
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.

PG/3274

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

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

Workorder # : 9303046
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303046- 1	4:MW-8	WATER	03/03/93	624

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

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

Workorder # : 9303046
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- No QA/QC problems.

Department Supervisor — Date 3-12-93

Chemist — Date 3-12-93

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

Project ID : 02345-01
Sample ID : 4:MW-8
Matrix : WATER
Date Sampled : 3/ 3/93
Date Analyzed : 3/10/93
Instrument ID : MSD1

Anametrix ID : 9303046-01
Analyst : mc
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.	ND	U
156-60-5	Trans-1,2-dichloroethene	5.	ND	U
75-34-3	1,1-Dichloroethane	5.	2.	J
156-59-2	Cis-1,2-dichloroethene	5.	ND	U
78-93-3	2-Butanone	20.	ND	U
67-66-3	Chloroform	5.	ND	U
71-55-6	1,1,1-Trichloroethane	5.	ND	U
56-23-5	Carbon tetrachloride	5.	ND	U
108-05-4	Vinyl acetate	10.	ND	U
71-43-2	Benzene	5.	ND	U
107-06-2	1,2-Dichloroethane	5.	ND	U
79-01-6	Trichloroethene	5.	ND	U
78-87-5	1,2-Dichloropropane	5.	ND	U
75-27-4	Bromodichloromethane	5.	ND	U
10061-01-5	Cis-1,3-dichloropropene	5.	ND	U
108-10-1	4-Methyl-2-pentanone	10.	ND	U
108-88-3	Toluene	5.	ND	U
10061-02-6	Trans-1,3-dichloropropene	5.	ND	U
79-00-5	1,1,2-Trichloroethane	5.	ND	U
127-18-4	Tetrachloroethene	5.	ND	U
591-78-6	2-Hexanone	10.	ND	U
124-48-1	Dibromochloromethane	5.	ND	U
108-90-7	Chlorobenzene	5.	ND	U
100-41-4	Ethylbenzene	5.	ND	U
1330-20-7	Xylene (Total)	5.	ND	U
100-42-5	Styrene	5.	ND	U
75-25-2	Bromoform	5.	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	ND	U
541-73-1	1,3-Dichlorobenzene	5.	ND	U
106-46-7	1,4-Dichlorobenzene	5.	ND	U
95-50-1	1,2-Dichlorobenzene	5.	ND	U

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

Project ID :
Sample ID : VBLK1B
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 3/10/93
Instrument ID : MSD1

Anametrix ID : BM1002A2
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

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

SURROGATE RECOVERY SUMMARY -- EPA METHOD 624
ANAMETRIX, INC. (408)432-8192

Project ID : 02345-01
Matrix : LIQUID

Anametrix ID : 9303046
Analyst : ~
Supervisor : [illegible]

	SAMPLE ID	SU1	SU2	SU3
1	VBLK1B	101	101	101
2	LCS1B	104	103	100
3	LCSD1B	103	100	104
4	4:MW-8	102	100	101
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

	QC LIMITS
SU1 = 1,2-Dichloroethane-d4	(83-109)
SU2 = Toluene-d8	(88-110)
SU3 = 1,4-Bromofluorobenzene	(88-110)

* Values outside of Anametrix QC limits

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

Project/Case	:	Anametrix ID	: MM1001A2
Matrix	: WATER	Analyst	:
Date Sampled	: 0/ 0/ 0	Supervisor	:
Date Analyzed	: 3/10/93	SDG/Batch	:
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	50	100	72-145
Benzene	50	0	50	100	83-125
Trichloroethene	50	0	45	90	61-140
Toluene	50	0	52	104	82-123
Chlorobenzene	50	0	55	110	82-125

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD PERCENT RECOVERY	% RPD	%RPD LIMITS
1,1-Dichloroethene	50	52	104	-4	25
Benzene	50	50	100	0	25
Trichloroethene	50	46	92	-2	25
Toluene	50	50	100	4	25
Chlorobenzene	50	56	112	-2	25

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

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

Workorder # : 9303046
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303046- 1	4:MW-8	WATER	03/03/93	8080 PCB

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

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

Workorder # : 9303046
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- No QA/QC problems encountered for sample.

Department Supervisor 3/17/93 Date

Chemist 3/17/93 Date

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

Sample I.D. : 4:MW-8
Matrix : WATER
Date sampled : 03/03/93
Date ext. : 03/05/93
Date analyze : 03/16/93
Dilution : NONE

Anametrix I.D. : 9303046-01
Analyst : DL
Supervisor : SJR
Date released : 03/17/93
Volume ext. : 1000 mL
Instrument ID : HP5

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	58%	30-130%

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

* Anametrix advisory limits

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

Sample I.D. : METHOD BLANK
Matrix : WATER
Date sampled : N/A
Date ext. : 03/05/93
Date analyze : 03/16/93
Dilution : NONE

Anametrix I.D. : PCBWBLK030593
Analyst : nh
Supervisor : SDR
Date released : 03/17/93
Volume ext. : 1000 mL
Instrument ID : HP5

CAS #	Compound Name	Reporting Limit (ug/L)	Amount Found (ug/L)
12674-11-2	Aroclor 1016	0.5	ND
1104-28-2	Aroclor 1221	0.5	ND
11141-16-5	Aroclor 1232	0.5	ND
53469-21-9	Aroclor 1242	0.5	ND
12672-29-6	Aroclor 1248	0.5	ND
11097-69-1	Aroclor 1254	1.0	ND
11096-82-5	Aroclor 1260	1.0	ND
	SURROGATE	% Recovery	Limits *
2051-24-3	Decachlorobiphenyl	81%	30-130%

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

* Anametrix advisory limits

LABORATORY CONTRL SAMPLE - EPA METHOD 8080/PCBS
ANAMETRIX, INC. (408)432-8192

Project ID	: N/A	Anametrix I.D.	: PCBSLCS0305
Sample ID	: LCS	Elec. File I.D.	: MM1502P1
Matrix	: WATER	Analyst	: DL
Date Sampled	: N/A	Supervisor	: SJR
Date Extracted	: 03/05/93	Volume ext. (ml)	: 1000
Date Analyzed	: 03/16/93	Final Vol. (ml)	: 10
Instrument ID	: HP5	Inj. Vol. (ul)	: 1
Dilution	: NONE		

COMPOUND	Spike Added (ug/l)	LCS (ug/l)	LCS %Rec		%REC LIMITS*
Aroclor 1248	1500	1240	83%		30-130%
COMPOUND	Spike Added (ug/l)	LCSD (ug/l)	LCSD %Rec	RPD	%RPD LIMITS*
Aroclor 1248	1500	1210	81%	2%	25
SURROGATE	LCS %REC		LCSD %REC		%REC LIMITS*
Decachlorobiphenyl	103%		102%		30-130%

* Anametrix advisory limits

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

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

Workorder # : 9303046
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303046- 1	4:MW-8	WATER	03/03/93	TPHd
9303046- 1	4:MW-8	WATER	03/03/93	TPHg
9303046- 2	4:MW-9	WATER	03/03/93	TPHg/BTEX
9303046- 3	4:MW-14	WATER	03/03/93	TPHg/BTEX
9303046- 4	4:GW-3	WATER	03/03/93	TPHg/BTEX
9303046- 5	T. BLANK	WATER	02/19/93	TPHg/BTEX

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

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

Workorder # : 9303046
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Cheryl Balmer 3/11/93
Department Supervisor Date

Charleston Bunch 3.11.93
Chemist Date

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

Anametrix W.O.: 9303046
Matrix : WATER
Date Sampled : 02/19 & 03/03/93

Project Number : 02345-01983
Date Released : 03/11/93

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# 4:MW-8 -01	Sample I.D.# 4:MW-9 -02	Sample I.D.# 4:MW-14 -03	Sample I.D.# 4:GW-3 -04	Sample I.D.# T. BLANK -05
Benzene	0.5	-	ND	ND	ND	ND
Toluene	0.5	-	ND	ND	ND	ND
Ethylbenzene	0.5	-	ND	ND	3600	ND
Total Xylenes	0.5	-	ND	ND	20000	ND
TPH as Gasoline	50	ND	ND	ND	90000	ND
% Surrogate Recovery		108%	105%	103%	104%	114%
Instrument I.D.		HP12	HP12	HP12	HP12	HP12
Date Analyzed		03/05/93	03/05/93	03/05/93	03/05/93	03/05/93
RLMF		1	1	1	1000	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 61-139%

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

Peggie Dawson 3/17/93
Analyst Date

Cheryl Balmer 3/17/93
Supervisor Date

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

Anametrix W.O.: 9303046
Matrix : WATER
Date Sampled : N/A

Project Number : 02345-01983
Date Released : 03/11/93

COMPOUNDS	Reporting Limit (ug/L)	Sample I.D.# BM0501E3 BLANK
Benzene	0.5	ND
Toluene	0.5	ND
Ethylbenzene	0.5	ND
Total Xylenes	0.5	ND
TPH as Gasoline	50	ND
% Surrogate Recovery		100%
Instrument I.D.		HP12
Date Analyzed		03/05/93
RLMF		1

ND - Not detected at or above the practical quantitation limit for the method.
TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using 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 61-139%

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

Charleston Bench 3-11-93
Analyst Date

Cheryl Balmer 3/11/93
Supervisor Date

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

Anametrix W.O.: 9303046
Matrix : WATER
Date Sampled : 03/03/93
Date Extracted: 03/04/93

Project Number : 02345-01983
Date Released : 03/11/93
Instrument I.D.: HP9

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9303046-01	U:MW-8	03/09/93	50	ND
DWBL030493	METHOD BLANK	03/08/93	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.

Charlotte Bruch 3-11-93
Analyst Date

Cheryl Balman 3/11/93
Supervisor Date

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

Sample I.D. : 02345-01983 4:MW-14
Matrix : WATER
Date Sampled : 03/03/93
Date Analyzed : 03/05/93

Anametrix I.D. : 9303046-03
Analyst : CMB
Supervisor : CB
Date Released : 03/11/93

COMPOUND	SPIKE AMT (ug/L)	SAMPLE CONC (ug/L)	MS AMT (ug/L)	% REC MS	MD AMT (ug/L)	% REC MD	RPD	% REC LIMITS
BENZENE	20.0	0.0	18.6	93%	18.4	92%	-1%	45-139
TOLUENE	20.0	0.0	19.0	95%	19.0	95%	0%	51-138
ETHYLBENZENE	20.0	0.0	16.5	83%	20.2	101%	20%	48-146
TOTAL-XYLENES	20.0	0.0	21.7	109%	20.2	101%	-7%	50-139
p-BFB				105%		102%		61-139

* 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.	: LCSW0305
Matrix	: WATER	Analyst	: CMB
Date Sampled	: N/A	Supervisor	: [illegible]
Date Analyzed	: 03/05/93	Date Released	: 03/11/93
		Instrument ID	: HP12

COMPOUND	SPIKE AMT. (ug/L)	LCS (ug/L)	REC LCS	%REC LIMITS
Benzene	20.0	15.2	76%	52-133
Toluene	20.0	15.8	79%	57-136
Ethylbenzene	20.0	16.5	83%	56-139
TOTAL Xylenes	20.0	16.6	83%	56-141
P-BFB			115%	61-139

* 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	Anametrix I.D.	: LCSW0304
Matrix	: WATER	Analyst	: CMB
Date Sampled	: N/A	Supervisor	: CS
Date Extracted	: 03/04/93	Date Released	: 03/11/93
Date Analyzed	: 03/08/93	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	810	65%	770	62%	-5%	47-130

*Quality control established by Anametrix, Inc.

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

9303046 10/45 10/24 (18) (15)

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
02345_01983	American National Can. Co

Send Report Attention of:	Report Due	Verbal Due
Ed Alusow	3/17/93	/ /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: 8015 Mod TPHg	624	TPH Diesel	8080 PCB	TPHd	Condition of Samples	Initial
1	MW-8	3/3/93	10:25		W	AREA 4	9	5x 40ml 4x 1 liter	X	X		X	X		
2	MW-9	"	11:30		"		3	VOA			X				
3	MW-14	"	12:30		"		3				X				
4	GW-3	"	13:25		"		3				X				
5	Trip Blank	2/19/93			"		2				X				
6	Bailer Blank	3/3/93	12:40		"		3	V			X				

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	3/3/93 16:30	Josephine DeCarli	3/3/93 16:30
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time

Remarks:

COMPANY: Dunn Corporation
ADDRESS: 12 Metro Park Road Albany, N.Y. 12205
PHONE (518) 458-1313 FAX :

ANAMETRIX INC
Environmental & Analytical Chemistry
Part of INCHCAPE ENVIRONMENTAL

REPORT

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

Workorder # : 9303045
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518

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

ANAMETRIX ID	CLIENT SAMPLE ID
9303045- 1	2:MW-21
9303045- 2	B. BLANK

This report consists of 10 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

03-17-93
Date

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

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

Workorder # : 9303045
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303045- 1	2:MW-21	WATER	03/03/93	TPHd

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

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

Workorder # : 9303045
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- The concentration reported as diesel for sample 2:MW-21 is primarily due to the presence of a heavier petroleum product, possibly motor oil.

Cheryl Balman 3/11/93
Department Supervisor Date

Charlesm Burch 3.11.93
Chemist Date

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

Anametrix W.O.: 9303045
Matrix : WATER
Date Sampled : 03/03/93
Date Extracted: 03/04/93

Project Number : 02345-01983
Date Released : 03/11/93
Instrument I.D.: HP9

Anametrix I.D.	Client I.D.	Date Analyzed	Reporting Limit (ug/L)	Amount Found (ug/L)
9303045-01	2:MW-21	03/09/93	50	64
DWBL030493	METHOD BLANK	03/08/93	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.

Charlotte Burch 3-11-93
Analyst Date

Cheryl Balmer 3/11/93
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
Matrix : WATER
Date Sampled : N/A
Date Extracted: 03/04/93
Date Analyzed : 03/08/93

Anametrix I.D. : LCSW0304
Analyst : CmB
Supervisor : [illegible]
Date Released : 03/11/93
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	810	65%	770	62%	-5%	47-130

*Quality control established by Anametrix, Inc.

ANAMETRIX REPORT DESCRIPTION
INORGANICS

Analytical Data Report (ADR)

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

- EPA Method 6010/7000/9000 series - "Test Methods for Evaluating Solid Waste," SW-846, EPA, 3rd Edition, November 1986.
- EPA Method 100, 200, 300 series - "Methods for Chemical Analysis of Water and Wastes," EPA, 3rd Edition, 1983.
- Toxicity Characteristic Leaching Procedure (EPA Method 1311) - 40 CFR, Part 268, Appendix 1, June 1990.
- Waste Extraction Test - Results are reported in mg/L of extract according to procedures of CCR Title 22, Section 66261, Appendix II.
- Organic Lead - CCR Title 22, Section 66261, Appendix XI.
- Standard Method 2340B - "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA, WEF, 18th Edition, 1992.

Matrix Spike Report (MSR)

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

Laboratory Control Sample Report (LCSR)

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

Method Blank Report (MBR)

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

Post Digestion Spike Report (PDSR)

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

Qualifiers (Q)

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

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

Comment Codes

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

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

Reporting Conventions

Analytical values reported are gross values, i.e., not corrected for method blank contamination. Solid matrices are reported on a wet weight basis, unless specifically requested otherwise.

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

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

Workorder # : 9303045
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9303045- 1	2:MW-21	WATER	03/03/93	6010

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

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

Workorder # : 9303045
Date Received : 03/03/93
Project ID : 02345-01983
Purchase Order: 29518
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- No QA/QC problems encountered for sample.

Department Supervisor 3/10/93 Date

Chemist 3/10/93 Date

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

Anametrix I.D.: 9303045-01
Client I.D. : 2:MW-21
Project I.D. : 02345-01983
Matrix : WATER
Reporting Unit: ug/L

Date Sampled : 03/03/93
Analyst : M.M.
Supervisor : MW
Date Released : 03/10/93
Instrument I.D. : ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	REPORT LIMIT	DIL. FACTOR	RESULT	Q
Nickel-6010	03/04/93	03/06/93	40.0	1	ND	
Zinc-6010	03/04/93	03/06/93	20.0	1	ND	

COMMENT: Sample was filtered and preserved at Anametrix on 03/03/93.

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

Anametrix W.O.# : 9303045
Method Blank I.D.: MB0304W
Project I.D. : 02345-01983
Matrix : WATER
Reporting Unit : ug/L

Analyst : MK
Supervisor : MW
Date Released : 03/10/93
Instrument I.D. : ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	REPORTING LIMIT	RESULT	Q
Nickel-6010	03/04/93	03/06/93	40.0	ND	
Zinc-6010	03/04/93	03/06/93	20.0	ND	

COMMENT:

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

Anametrix W.O.# : 9303045
Spike I.D. : LCS0304W
Project I.D. : 02345-01983
Matrix : WATER
Reporting Unit : ug/L

Analyst : MK
Supervisor : MW
Date Released : 03/10/93
Instrument I.D : ICP1

ANALYTE-METHOD	DATE PREPARED	DATE ANALYZED	SPIKE AMT.	METHOD SPIKE	% REC.	Q
Nickel-6010	03/04/93	03/06/93	500	522	104	
Zinc-6010	03/04/93	03/06/93	500	478	95.6	

COMMENT:

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

9303045 3/2 16:4 J.D.

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
02345-01983	American National Can. Co

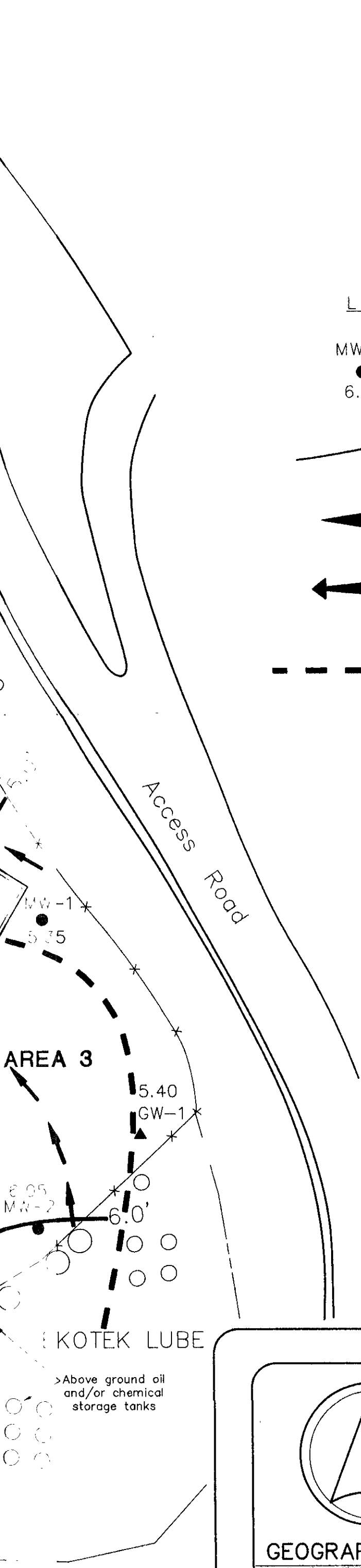
Send Report Attention of:	Report Due	Verbal Due
Ed Alusow	3,17,93	/ /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: TPHD*	Type of Analysis: Metals*	Condition of Samples	Initial
1	Area2, MW-21	3/3/93	~~14:50~~ 15:00		W		3	2x liter 1x 500ml	X	X		
2	Bailer Blank	"	13:35				1	1x liter	1/2			

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Mo Khojasteh	16:30 3/3/93	Josephine DeCarlo	3/3/93 16:30
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time

Remarks: * (Ni, Zn)

COMPANY: Dunn Corpration
ADDRESS: 12 Metro park Road Albany N.Y. 12205
PHONE: (518) 458-1313 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 13

	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_14			
DATE: 12/92			
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 3/1/93

AMERICAN NATIONAL CAN
OAKLAND PLANT

CITY OF OAKLAND ALAMEDA COUNTY, CA

GW-5
10.64

10.0'

AREA 1

FORMER UST

MW-12
9.15

9.0'

Nimitz Freeway

East 8TH Street

FORMER UST

OFFICES

Smokesta

AREA 2

9.9
MW-

FACTORY
NO. 1

8.0'

MW-15
7.46

GW-6
8.16

TW-1
7.62

8.

7.0'

MW-17
5.43

6.0'

WATER TANK

NO. 15
COIL CUTTING

WASH SHED

MW-11
5.21

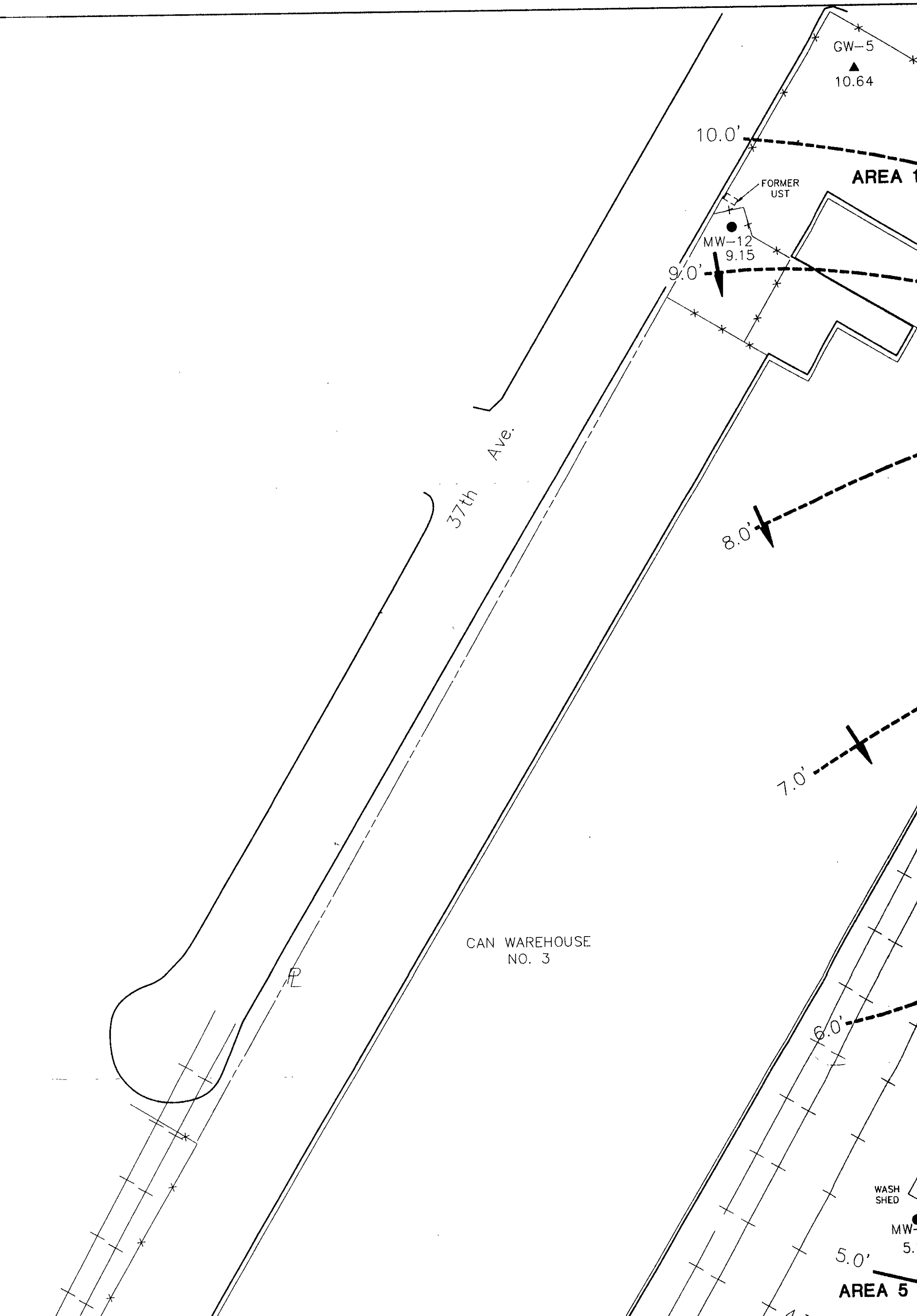
MW-20
4.82

LITHOGRAPHY
NO. 12

5.0'

AREA 5

TIN PLATE
STORAGE
NO. 11


GW–5
10.64
10.0'
AREA 1
FORMER
UST
MW–12
9.15
9.0'
8.0'
7.0'
6.0'
5.0'
AREA 5
WASH
SHED
MW-
5.
37th Ave.
CAN WAREHOUSE
NO. 3
℄

37th Ave.

CAN WAREHOUSE
NO. 3

9.0'

10

M

℄

MW-15
7.46
GW-6
8.16
TW-1
7.62
9.0'
8.0'
7.0'
6.0'
5.0'
4.72
MW-21
4.75'
MW-17
3
15
UTTING
TIN PLATE
STORAGE
NO. 11
MW-7
4.72
4.75'
5.0'
MW-20
4.82
LITHOGRAPHY
NO. 12
MW-1
5.35
Access Road
MW-4
4.89
AREA 3
5.40
GW-1
MW-18
4.72
4.7
MW-5
6.05
MW-2
6.0'
MW-19
4.68
MW-3
6.60
EKOTEK LUBE
PRODUCT PIPELINE
MW-8
4.32
MW-6
4.50
GW-2
4.29
Above ground oil
and/or chemical
storage tanks
OFFICE
4.0'
75'

LEGEND

MW-3
6.29
WELL
MONIT
GROUN

4.0
GROUN
(approx

DIRECT

INFERR
TROUG

INFERR
DIVIDE

PROJ. MGR.	Ed
PREPARED BY	
DRAFTED BY	
CHECKED BY	
PROJ. NO.	023
DWG. NO.	2M8
DATE:	12/
SHEET	
DATUM	
CONTOUR INTERV	
USGS QUAD.	OA

N

GEOGRAPHIC NORTH

0 10 50 100

SCALE IN FEET

CAN WAREHOUSE
NO. 3

8.0'

NO. 1

7.0'

6.0'

MW-17
5.43

WATER
TANK

NO. 15
COIL CUTTING

WASH
SHED

MW-11
5.21

5.0'

AREA 5

TIN PLATE
STORAGE
NO. 11

4.75'

4.5'

MW-18
4.72

4.25'

AREA 4

4.0'

MW-10
4.65

3.75'

FORMER
USTS

MW-16
4.39

UST

PRODUCT PIPELINE

MW-8
4.32

NO. 13
COMPOUND
STORAGE

3.5'
GW-4
3.40

GW-3
4.21

MW-9
3.71

MW-14
3.84

℄

3.5'

3.75'

Alameda Ave.

CAN WAREHOUSE
NO. 3

℄

℄

3.7

3.5'

GW-4

3.40

℄