72-0144 ... 16.2-S

EA Laboratories

19 Loveton Circle
Sparks, MD 21152
Telephone: 410-771-4920
Fax: 410-771-4407

3 May 1996

Mr. Mike Dae
Chambers USA Waste Services Company
2236 Bolton Road, N.W.
Atlanta, GA 30318

Re:Chambers - Tontitown Landfill (70110.01)

Dear Mr. Dae:

Enclosed is our report on the analysis of five water samples collected for the Chambers - Tontitown Landfill project on 28 March 1996. The invoice is included.

Please contact me if you have any questions or require further information and refer to report 960424. Unless other arrangements are made, we reserve the right to dispose of your samples sixty (60) days from the date of this letter. We will retain the raw data for seven years from this date.

Sincerely,

Daniel for RTR 5/3/96

R. Thomas Randall
Laboratory Project Manager

enclosure

LABORATORY DATA REPORT

Prepared for:

Chambers
Tontitown Landfill

Prepared by:

EA Laboratories
19 Loveton Circle
Sparks, Maryland 21152

Report 960424

May 1996

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Tontitown Landfill
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I. NARRATIVE

EA Laboratories
ANALYTICAL NARRATIVE

Client **Chambers USA**
Site. **Tontitown Landfill**
Project number **70110.01**

EA Laboratories Report: **960424**
Laboratory Project Manager· **R. Thomas Randall**
Report Date· **3 May 1996**

This report contains the results of the analysis of five water samples collected on 28 March 1996 in support of the referenced project.

SAMPLE RECEIPT

The samples and one trip blank arrived by Federal Express at EA Laboratories on 29 March 1996 Upon receipt, the samples and blank were inspected and compared with the chain-of-custody record The samples and blank were then logged into the laboratory computer system with assigned laboratory accession numbers and released for analysis

Client Sample Designation	EA Lab Number
MW-05	9603768
MW-06	9603769
MW-07	9603770
MW-01	9603771
MW-04	9603772
TRIP BLANK	9603773

Following this narrative section are a description of analytical methods used (Table 1), data qualifiers (Table 2), and the original chain-of-custody Analytical results and quality control information are summarized in the appended data package which has been formatted to be consistent with the deliverable requirements of this project.

QUALITY CONTROL

The following sections are ordered as the data appears in this report They contain observations made during sample analysis, summarize the results of quality control measurements, and address the impact on data usability based upon project Data Quality Objectives For each fractional analysis the narrative includes

- Sample chronology This section summariz·s the sample history by fraction including the sample preparation method and date, analytical method, and analysis date Anything unusual about the samples, digestates, or extracts is identified Holding time compliance is evaluated in this section

- Laboratory method performance All quality control criteria for method performance must be

met for all target analytes for data to be reported. These criteria generally apply to instrument tune, calibration, method blanks, and Laboratory Control Samples (LCS). In some instances where method criteria fail, useable data can be obtained and are reported with client approval. The narrative will then include a thorough discussion of the impact on data quality

- Sample performance: Quality control field samples are analyzed to determine any measurement bias due to the sample matrix based on evaluation of matrix spikes (MS), matrix spike duplicates (MSD), and laboratory duplicates (*D*). If acceptance criteria are not met, matrix interferences are confirmed either by reanalysis or by inspection of the LCS results to verify that laboratory method performance is in control. Data are reported with appropriate qualifiers or discussion

VOLATILES by GC/MS - WATER (EA9603768 - EA9603773)

Sample Chronology: The samples were analyzed by USEPA SW-846 methods 5030/8260 on 8 April through 9 April 1996 for the Appendix II analyte list. All specified holding times were met.

Laboratory Method Performance. All laboratory method performance criteria were met for the reported samples.

Sample Performance: All quality control criteria were met for the reported samples

SEMIVOLATILES by GC/MS - WATER (EA9603768 - EA9603772)

Sample Chronology: The samples were extracted by SW-846 method 3520 on 4 April 1996. The sample extracts and the associated quality control samples were analyzed by SW-846 method 8270 on 17 April and 18 April 1996 for the Appendix II analyte list. The samples were extracted and analyzed within method specified holding times
The matrix spike and matrix spike duplicate associated with this extraction batch were performed on another client's sample. Data and results for the reference field sample, the matrix spike, and the matrix spike duplicate have been kept on file at the laboratory.

Field sample MW-04 was re-extracted outside of holding time on 19 April 1996 by SW-846 method 3520 due to low (<10%) acid surrogate recoveries in the initial extract. The re-extract of this sample was analyzed by SW-846 method 8270 on 30 April and 1 May 1996 Data and results for both analyses have been included in this report

All other samples were re-extracted outside of holding time on 24 April 1996 by SW-846 method 3520 because the laboratory control sample (LCS) associated with the initial extraction yielded low recoveries for several analytes The re-extracts were analyzed by SW-846 method 8270 on 30 April and 1 May 1996. Data and results for both analyses of all samples have been included in this

report. No matrix spike or matrix spike duplicate was extracted with this re-extraction batch due to insufficient sample volume. However, a duplicate laboratory control sample was extracted and analyzed with these samples.

Laboratory Method Performance: The laboratory control sample associated with the initial extraction had the recoveries for acenaphthene (53%), n-nitroso-di-n-propylamine (64%), pyrene (58%), and 1,2,4-trichlorobenzene (40%) below the lower laboratory quality control limits of 57%, 67%, 64%, and 47%, respectively. These low recoveries may indicate a negative bias for these analytes.

The laboratory control sample associated with the re-extraction on 19 April 1996 had the recoveries for 4-nitrophenol (89%) and pentachlorophenol (92%) above the upper laboratory quality control limits of 85% and 91%, respectively. These recoveries may indicate a positive bias for these analytes; however, since no target analytes were detected in MW-04RE, data usability should not be impacted.

The first laboratory control sample associated with the re-extraction on 24 April 1996 had the recoveries for 2-chlorophenol (88%), 4-nitrophenol (95%), pentachlorophenol (98%), and 1,4-dichlorobenzene (78%) above the upper laboratory quality control limits of 84%, 85%, 91%, and 73%, respectively. The second laboratory control sample associated with the 24 April 1996 re-extraction had the recoveries for 4-nitrophenol (88%) and pentachlorophenol (92%) above the upper laboratory quality control limits of 85% and 91%, respectively. These recoveries may indicate a positive bias for these analytes (1,4-dichlorobenzene was detected in MW-01RE). None of these analytes were detected in any of the other re-extracted samples, therefore, data usability should not be impacted.

All other laboratory method performance criteria were met for the reported samples.

Sample Performance. The spike reference sample had the 2-fluorophenol surrogate recovery below the lower quality control limit of 21% at 6%. The matrix spike duplicate performed on this sample had all acid surrogate recoveries less than 10%. There was insufficient sample to perform a re-extraction. These low recoveries may indicate a negative bias for certain acid extractable analytes that may be isolated to these extracts. The matrix spike performed on this sample had all surrogate recoveries within quality control limits. Since the reference sample and these QC samples were performed on another client's sample data usability should not be impacted.

The initial extract of MW-04 had the 2-fluorophenol (4%) and 2,4,6-tribromophenol (7%) surrogate recoveries below the lower quality control limits of 21% and 10%, respectively. These low recoveries may indicate a negative bias for certain acid extractable analytes in this extract. The re-extract of this sample had all acid surrogate recoveries within quality control limits, but the terphenyl-d14 surrogate recovery was below the lower quality control limit of 33% at 24%. This

low recovery may indicate a negative bias for some base/neutral extractable compounds.

The initial extract of MW-01 had the terphenyl-d14 surrogate recovery below the lower quality control limit of 33% at 26%. This low recovery may indicate a negative bias for some base/neutral extractable compounds in this extract The re-extract of this sample also had a terphenyl-d14 surrogate recovery of 26%. This low recovery may indicate a negative bias for some base/neutral extractable compounds that may be due to matrix interferences.

The re-extract of MW-07 had the terphenyl-d14 surrogate recovery slightly below the lower quality control limit of 33% at 31%. This low recovery may indicate a slight negative bias for some base/neutral extractable compounds in this extract. The initial extract of this sample had all surrogate recoveries within quality control limits (the terphenyl-d14 recovery was 33%).

The acid extractable analytes in the matrix spike duplicate had spike recoveries near or below the lower quality control limits, and all RPDs for these analytes were above the quality control limits. These recoveries indicate a negative bias for acid extractable analytes that is isolated to the matrix spike duplicate QC sample. The high RPDs are indicative of a precision deficit.

Internal standard areas in the following were below the lower laboratory quality control limit of -50% of the daily calibration standard: SITE 4 LEACH (1,4-dichlorobenzene-d4, chrysene-d12, perylene-d12), CLASS 4 LEACH (perylene-d12), and CLASS 4 LEACH SPK (chrysene-d12, perylene-d12). These internal standard areas were not so low as to impact the laboratory's ability to detect target analytes at the required reporting limits, and no target analytes which may have been quantitated using these internal standard were detected in these samples; therefore, data usability should not be impacted

All other quality control criteria were met for the reported samples.

CHLORINATED PESTICIDES by GC - SOIL (EA9603768 - EA9603772)

Sample Chronology: The samples were extracted by SW-846 method 3520 on 4 April 1996, florisil cleaned by SW-846 method 3620 on 5 April 1996, and sulfur cleaned by SW-846 method 3660 on 9 April 1996. The sample extracts and the associated quality control samples were analyzed by SW-846 method 8080 on 24 April 1996 for the organochlorine pesticides on the Appendix II analyte list The samples were extracted and analyzed within method specified holding times. The matrix spike and matrix spike duplicate associated with this extraction batch were performed on another client's sample. Data and results for the reference field sample, the matrix spike, and the matrix spike duplicate have been included in this report.

All sample surrogate recoveries were within the QC limits indicating acceptable sample analysis; however, because the method blank yielded low tetrachloro-m-xylene (TCX) surrogate

recoveries, and because the laboratory control sample (LCS) yielded low recoveries for aldrin and heptachlor the corrective action for failed laboratory QC dictated that the samples be re-extracted.

Field sample MW-04 could not be re-extracted due to insufficient sample; therefore, only the data and results from the initial analysis have been submitted.

The other samples were re-extracted on 25 April 1996 by SW-846 method 3520 and were analyzed by SW-846 method 8080 on 27 April 1996. The re-extraction was performed in excess of the method prescribed holding time, thus both sets of data are included. No matrix spike or matrix spike duplicate was extracted with this re-extraction batch due to insufficient sample volume. However, a duplicate laboratory control sample was extracted and analyzed with these samples.

Laboratory Method Performance: In the initial extract analysis, the laboratory method blank yielded unacceptable recoveries for TCX on both the Rtx5 and Rtx35 columns at 19 and 18%, respectively (lower QC limit 30%). Recoveries for the decachlorobiphenyl (DCB) surrogate were within QC limits on both columns. Analysis of the associated laboratory control sample yielded low recoveries for aldrin at 24% (limit 25%), and heptachlor at 10% (limit also 25%). These low recoveries may be indicative of a measurement bias for these analytes. None of the surrogate recoveries in the samples were observed outside of the QC limit windows, and no target analytes were detected in any of the samples.

The re-extracted data indicated no recovery problems in the laboratory blanks or in the first of the two LCSs, however the second, or duplicate LCS, yielded a 39% recovery for 4,4'DDT which is below the lower QC limit of 69%. The low recovery may be indicative of a measurement bias for that analyte, however no target analytes were detected in either the original or re-extracted analyses of the samples.

All other laboratory method performance criteria were met for the reported samples.

Sample Performance: The decachlorobiphenyl (DCB) surrogate recoveries on the RTX-5 column in the spike reference sample (17%), the matrix spike (13%), and the matrix spike duplicate (12%) were below the lower advisory quality control limit of 30%. These low recoveries may indicate a negative bias that may be due matrix interference. However, since all surrogate recoveries in the reported samples were within QC limits, data usability should not be impacted.

The matrix spike and matrix spike duplicate recoveries for gamma-BHC (49% and 53%), heptachlor (16% and 20%), aldrin (18% and 24%), and 4,4'DDT (11% and 26%) were below the lower method quality control limits of 56%, 40%, 40%, and 38%, respectively. These recoveries may indicate a negative bias for these analytes. The relative percent differences (RPDs) between the matrix spike and matrix spike duplicate recoveries were within QC limits except for aldrin at

29% (limit 22%) and 4,4'DDT at 81% (limit 27%). These high RPDs may indicate a precision deficit that may be due, at least in part, to the non-homogeneity of the sample matrix. Due to the prevailing poor blank and control sample results, the samples were restricted and reanalyzed.

Both the initial extraction and the re-extraction analyses yielded acceptable sample recoveries.

All other quality control criteria were met for the reported samples.

HERBICIDES - WATER (EA9603768 - EA9603772)

Sample Chronology: Five samples were extracted on 4 April 1996 by USEPA SW-846, Method 8150 and were analyzed for the Appendix II herbicides by the same method on 19 and 20 April 1996. All method specified holding times were met.

The batch matrix spike and matrix spike duplicate were analyzed on another Tontitown sample (TRANS STA LEACH).

Laboratory Method Performance: All laboratory method performance criteria were met for the reported samples.

Sample Performance: The recovery of the surrogate dichlorophenylacetic acid (DCAA) in the associated MSD (48%) was slightly below the lower QC limit of 50%. However, surrogate recoveries of all site specific samples were within QC limits and the low recovery of the MSD should have no impact on data usability.

The relative percent differences (RPDs) between the MS and the MSD for 2,4-D (42%) and 2,4,5-TP (33%) were above the QC limit of 25%. These high RPDs may be indicative of a precision deficit. However, because all individual recoveries were within QC limits and no analytes were detected in the samples, data usability should not be impacted.

All other quality control criteria were met for the reported samples.

METALS -WATER (EA9603768-EA9603772)

Sample Chronology: Five samples were prepared on 15 April 1996 and analyzed for total metals according to EPA SW846 methods 6010/7060/7421/7740/7841/7470 on 16-23 April 1996.

Laboratory Method Performance All laboratory method performance criteria were met for the reported sample

Sample Performance: All quality control criteria were met for the reported sample.

EA Laboratories
ANALYTICAL NARRATIVE

Client: **Chambers USA**
Site: **Tontitown Landfill**
Project number: **70110.01**

EA Laboratories Report: **960424**
Laboratory Project Manager: **R. Thomas Randall**
Report Date: **3 May 1996**

CERTIFICATION OF RESULTS

The Laboratory certifies that this report meets the project requirements for analytical data as stated in the Analytical Task Order (ATO) and the chain-of-custody. In addition, the Laboratory certifies that the data as reported meet the Data Quality Objectives for precision, accuracy, and completeness specified for this project or as stated in EA Laboratories Quality Assurance program for other than the conditions detailed above. Release of the data contained in this report has been authorized by the appropriate Laboratory Manager as verified by the following signature.

3 May 1996

Phyllis A. Christopher, Production Manager

TABLE 1. ANALYTICAL METHODS

Parameter	Method	Method Number	Matrix	Reference
SAMPLE PREPARATION				
Organics Extraction	Continuous Extraction	3520	W	(1)
Total Metals Digestion	Nitric Acid - Hydrochloric Acid	3010	W	(1)
Total Metals Digestion (GFAA)	Nitric Acid	3020	W	(1)
ORGANICS				
Acid Extractable Organic Compounds	Gas Chromatography/Mass Spectrometry	8270	W	(1)
Base-Neutral Extractable Organic Compounds	Gas Chromatography/Mass Spectrometry	8270	W	(1)
Halogenated Hydrocarbon Pesticides	Gas Chromatography - ECD	8080	W	(1)
Polychlorinated Biphenyls	Gas Chromatography - ECD	8080	W	(1)
Phenoxy Acid Herbicides	Gas Chromatography - ECD	8150	W	(1)
Volatile Organic Compounds	Gas Chromatography/Mass Spectrometry	8260	W	(1)
METALS				
Antimony	Atomic Emission - ICP	6010	W	(1)
Arsenic	Atomic Absorption - Furnace	7060	W	(1)
Barium	Atomic Emission - ICP	6010	W	(1)

TABLE 1. ANALYTICAL METHODS

Parameter	Method	Method Number	Matrix	Reference
Beryllium	Atomic Emission - ICP	6010	W	(1)
Cadmium	Atomic Emission - ICP	6010	W	(1)
Cobalt	Atomic Emission - ICP	6010	W	(1)
Chromium	Atomic Emission - ICP	6010	W	(1)
Copper	Atomic Emission - ICP	6010	W	(1)
Lead	Atomic Absorption - Furnace	7421	W	(1)
Mercury	Atomic Absorption - Cold Vapor	7470	W	(1)
Nickel	Atomic Emission - ICP	6010	W	(1)
Selenium	Atomic Absorption - Furnace	7740	W	(1)
Silver	Atomic Emission - ICP	6010	W	(1)
Tin	Atomic Emission - ICP	6010	W	(1)
Thallium	Atomic Absorption - Furnace	7841	W	(1)
Vanadium	Atomic Emission - ICP	6010	W	(1)
Zinc	Atomic Emission - ICP	6010	W	(1)

Matrix codes:

W - Estuarine water, ground water, leachates, ocean water, surface water, and wastewater

TABLE 1. ANALYTICAL METHODS

Parameter	Method	Method Number	Matrix	Reference

References

1. United States Environmental Protection Agency. August 1993 Test Methods for Evaluating Solid Waste. Physical/Chemical Methods. EPA SW-846, 3rd edition, including Final Update I. U.S. EPA, Washington, D.C

TABLE 2. ORGANIC ANALYSIS DATA QUALIFIERS

ND or U Indicates a compound on the target compound list (TCL) was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and, if a soil sample, for percent moisture. For example, 10 U is used for phenol in water if the sample final volume is the protocol-specified final volume. If a 1-to-10 dilution of the extract was necessary, the reported limit is (10 x 10 U) or 100 U. For a soil sample, the value is also adjusted for percent moisture. For example, if the sample had 24% moisture and a 1-to-10 dilution factor, the soil sample quantitation limit for phenol (330 U) would be corrected as follows:

Reported limit = (330 U) x df / D

where: df = dilution factor = 10
D = (100 - % moisture) / 100 (At 24% moisture, D = (100-24) / 100 = 0.76)
Reported limit = (330 U) x 10 / 0.76 = 4300 U (rounded to two significant figures)

For soil samples subjected to gel permeation chromatography (GPC) cleanup procedures, the contract required quantitation limit (CRQL) is also multiplied by 2 to account for the fact that only half of the extract is recovered. Note: If GPC procedures are employed, the factor of 2 is not included in the dilution factor reported; a "Y" is entered for GPC (Y/N).

TR or J Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, 2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, 3) when the retention time data indicate the presence of a compound that meets the pesticide/Aroclor identification criteria and the result is less than the CRQL but greater than zero. Note: the "J" code is not used and the compound is not reported as being identified for pesticide/Aroclor results less than the CRQL, if the technical judgement of the pesticide residue analysis expert determines that the peaks used for compound identification resulted from instrument noise or other interferences (column bleed, solvent contamination, etc.). For example, if the sample quantitation limit is 10 ug/L but a concentration of 3 ug/L is calculated, report it as 3 J. The sample quantitation limit must be adjusted for dilution as discussed for the U flag

C This flag applies to pesticide results where the identification has been confirmed by GC/MS. Single component pesticides with concentration equal to or greater than 10 ng/uL in the final extract must be confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified TCL compound.

E This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. This flag does not apply to pesticides/PCBs analyzed by GC/EC methods. If one or more compounds have a response greater that full scale, the sample or extract must be diluted and reanalyzed according to the specifications listed in the SOW. All such compounds with a response greater than full scale should have a concentration flagged with an "E" on Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses are reported on separate Forms I. The Form I for the diluted sample will have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak is considered separately; e.g., a diluted analysis is not required for total xylenes unless the concentration of either peak separately exceeds 200 ug/L.

D This flag identifies all compounds identified in the analysis at a secondary dilution factor. If a sample or extract is reanalyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag.

A This flag indicates that a TIC is a suspected aldol-condensation product.

X Other specific flags may be required to properly define the results. If used, they are fully described and such description attached to the Sample Data Summary Package and the Case Narrative. The flags begin by using "X". If more that one flag is required, "Y" and "Z" are used, as needed. For instance, the "X" flag might combine the "A", "B", and "D" flags for some sample.

N Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P This flag is used for GC analyses when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".

2. CHAIN OF CUSTODY

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Company Name: Chambers USA

Project Manager or Contact: Kevin Hodges

Phone:

Project No. 70110.01

Dept.: Task:

Project Name: Tontitown Landfill Groundwater

Sample Storage Location: B8-B9

ATO Number: APX II

Page of

Report #: 960424

Report Deliverables: 1 (2) 3 4 D (E)

EDD: Yes/(No)

DUE TO CLIENT: 4/19/96

Parameters/Method Numbers for Analysis

*Date	*Time	Water	Soil	*Sample Identification 19 Characters	No. of Containers	Apx II VOA 8260	Apx II BNA 8270	Apx II Pest/PCB 8080	Apx II Herb 8150	Apx II Metals							EA Labs Accession Number	Remarks
~~3/28/96~~	~~0846~~	≠		~~MW-71~~														LPM: RANDALL
3/28/96	1050	✓		MW-19S	9	✓	✓	✓	✓	✓							9603768	
3/28/96	1320	✓		MW-06	9	✓	✓	✓	✓	✓							9603769	
3/28/96	1400	✓		MW-07	9	✓	✓	✓	✓	✓							9603770	
3/28/96	1530	✓		MW-01	9	✓	✓	✓	✓	✓							9603771	
3/28/96	1455	✓		MW-04	9	✓	✓	✓	✓	✓							9603772	
3/28/96	1700	X		TRIP BLANK	1	✓											9603773	
																		[redacted]
																		L9013

Samples by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Paul [signature]	3/28/96 1736	Paul [signature]	3/28/96 1736		

Relinquished by: (Signature)	Date/Time	Received by Laboratory: (Signature)	Date/Time	Airbill Number:
		Archer	3/29/96 945	

Sample Shipped by: (Circle) (Fed Ex.) Puro. UPS Hand Carried Other:

Cooler Temp. 2 °C pH: ☒ Yes ☐ No Comments: C42 Custody Seals Intact ☒ Yes ☐ No

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

3. VOLATILES DATA

A. QC Summary

LCS Recovery Report

Lab Name : EA Laboratories File ID : VA1A7719.D Instrument: VA1

Sample : LCS,V3702,WATER,5ml Date Analyzed: 8 Apr 96 11:34 pm

Matrix : WATER Date Sampled:

Client : Project : Method : 8260W.M

Spiked Compound	Spike Added	Spike Res	Spike %Rec	QC Limits % Rec
1,1-Dichloroethene	50	40.5	81	73-125
Benzene	50	45.4	91	77-124
Trichloroethene	50	41.4	83	65-131
Toluene	50	46.3	93	71-142
Chlorobenzene	50	44.3	89	70-145

* - Indicates values outside of QC limits

This LCS has been checked and is (within) / outside current limits

James J Pinkerton 4/19/96 N/A

Analyst Date Non-conformance form no.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VA1A7718

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7718.D

Level: (low/med) Date Received:

% Moisture: not dec. Date Analyzed: 4/8/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
107-02-8	Acrolein	50	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	5	U
75-05-8	Acetonitrile	100	U
74-88-4	Iodomethane	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
107-13-1	Acrylonitrile	50	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	10	U
126-99-8	Chloroprene	5	U
78-93-3	2-Butanone	10	U
107-12-0	Propionitrile	100	U
594-20-7	2,2-Dichloropropane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
126-98-7	Methacrylonitrile	100	U
67-66-3	Chloroform	5	U
78-83-1	Isobutyl Alcohol	100	U
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VA1A7718

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7718.D

Level: (low/med) Date Received:

% Moisture: not dec. Date Analyzed: 4/8/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5	U
80-62-6	Methyl Methacrylate	5	U
75-27-4	Bromodichloromethane	5	U
74-95-3	Dibromomethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
106-93-4	1,2-Dibromoethane(EDB)	5	U
591-78-6	2-Hexanone	10	U
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U

B. Sample Data

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW05

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7724.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	[redacted]	
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	[redacted]	[redacted]
107-02-8	Acrolein	50	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	5	U
75-05-8	Acetonitrile	100	U
74-88-4	Iodomethane	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
107-13-1	Acrylonitrile	50	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	[redacted]	
108-05-4	Vinyl acetate	10	U
126-99-8	Chloroprene	5	U
78-93-3	2-Butanone	10	U
107-12-0	Propionitrile	100	U
594-20-7	2,2-Dichloropropane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
126-98-7	Methacrylonitrile	100	U
67-66-3	Chloroform	5	U
78-83-1	Isobutyl Alcohol	100	U
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW05

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7724.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5	U
80-62-6	Methyl Methacrylate	5	U
75-27-4	Bromodichloromethane	5	U
74-95-3	Dibromomethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
106-93-4	1,2-Dibromoethane(EDB)	5	U
591-78-6	2-Hexanone	10	U
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	[redacted]	[redacted]
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW06

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7725.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	[redacted]	[redacted]
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	[redacted]	[redacted]
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
107-02-8	Acrolein	50	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	5	U
75-05-8	Acetonitrile	100	U
74-88-4	Iodomethane	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
107-13-1	Acrylonitrile	50	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	[redacted]	[redacted]
108-05-4	Vinyl acetate	10	U
126-99-8	Chloroprene	5	U
78-93-3	2-Butanone	10	U
107-12-0	Propionitrile	100	U
594-20-7	2,2-Dichloropropane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
126-98-7	Methacrylonitrile	100	U
67-66-3	Chloroform	5	U
78-83-1	Isobutyl Alcohol	100	U
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	[redacted]	[redacted]

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW06

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7725.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5	U
80-62-6	Methyl Methacrylate	5	U
75-27-4	Bromodichloromethane	5	U
74-95-3	Dibromomethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
106-93-4	1,2-Dibromoethane(EDB)	5	U
591-78-6	2-Hexanone	10	U
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	[redacted]	[redacted]
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW07

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7723.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
107-02-8	Acrolein	50	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	5	U
75-05-8	Acetonitrile	100	U
74-88-4	Iodomethane	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
107-13-1	Acrylonitrile	50	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	[redacted]	[redacted]
108-05-4	Vinyl acetate	10	U
126-99-8	Chloroprene	5	U
78-93-3	2-Butanone	10	U
107-12-0	Propionitrile	100	U
594-20-7	2,2-Dichloropropane	5	U
156-59-2	cis-1,2-Dichloroethene	[redacted]	
126-98-7	Methacrylonitrile	100	U
67-66-3	Chloroform	5	U
78-83-1	Isobutyl Alcohol	100	U
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW07

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7723.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5	U
80-62-6	Methyl Methacrylate	5	U
75-27-4	Bromodichloromethane	5	U
74-95-3	Dibromomethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
106-93-4	1,2-Dibromoethane(EDB)	5	U
591-78-6	2-Hexanone	10	U
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW01

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7722.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	[redacted]	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	[redacted]	
75-69-4	Trichlorofluoromethane	5	U
107-02-8	Acrolein	50	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	5	U
75-05-8	Acetonitrile	100	U
74-88-4	Iodomethane	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
107-13-1	Acrylonitrile	50	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	[redacted]	
108-05-4	Vinyl acetate	10	U
126-99-8	Chloroprene	5	U
78-93-3	2-Butanone	10	U
107-12-0	Propionitrile	100	U
594-20-7	2,2-Dichloropropane	5	U
156-59-2	cis-1,2-Dichloroethene	[redacted]	
126-98-7	Methacrylonitrile	100	U
67-66-3	Chloroform	5	U
78-83-1	Isobutyl Alcohol	100	U
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	[redacted]	[redacted]
79-01-6	Trichloroethene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW01

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7722.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5	U
80-62-6	Methyl Methacrylate	5	U
75-27-4	Bromodichloromethane	5	U
74-95-3	Dibromomethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
106-93-4	1,2-Dibromoethane(EDB)	5	U
591-78-6	2-Hexanone	10	U
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW04

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7721.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	[redacted]	[redacted]
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	[redacted]	
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
107-02-8	Acrolein	50	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	5	U
75-05-8	Acetonitrile	100	U
74-88-4	Iodomethane	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
107-13-1	Acrylonitrile	50	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	[redacted]	
108-05-4	Vinyl acetate	10	U
126-99-8	Chloroprene	5	U
78-93-3	2-Butanone	10	U
107-12-0	Propionitrile	100	U
594-20-7	2,2-Dichloropropane	5	U
156-59-2	cis-1,2-Dichloroethene	[redacted]	
126-98-7	Methacrylonitrile	100	U
67-66-3	Chloroform	5	U
78-83-1	Isobutyl Alcohol	100	U
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	[redacted]	[redacted]
79-01-6	Trichloroethene	[redacted]	[redacted]

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW04

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7721.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5	U
80-62-6	Methyl Methacrylate	5	U
75-27-4	Bromodichloromethane	5	U
74-95-3	Dibromomethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
106-93-4	1,2-Dibromoethane(EDB)	5	U
591-78-6	2-Hexanone	10	U
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603773

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7720.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
107-02-8	Acrolein	50	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	5	U
75-05-8	Acetonitrile	100	U
74-88-4	Iodomethane	5	U
107-05-1	Allyl Chloride	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
107-13-1	Acrylonitrile	50	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
108-05-4	Vinyl acetate	10	U
126-99-8	Chloroprene	5	U
78-93-3	2-Butanone	10	U
107-12-0	Propionitrile	100	U
594-20-7	2,2-Dichloropropane	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
126-98-7	Methacrylonitrile	100	U
67-66-3	Chloroform	5	U
78-83-1	Isobutyl Alcohol	100	U
74-97-5	Bromochloromethane	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: 8260 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9603773

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: VA1A7720.D

Level: (low/med) Date Received: 3/29/96

% Moisture: not dec. Date Analyzed: 4/9/96

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
78-87-5	1,2-Dichloropropane	5	U
80-62-6	Methyl Methacrylate	5	U
75-27-4	Bromodichloromethane	5	U
74-95-3	Dibromomethane	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
97-63-2	Ethyl Methacrylate	5	U
79-00-5	1,1,2-Trichloroethane	5	U
106-93-4	1,2-Dibromoethane(EDB)	5	U
591-78-6	2-Hexanone	10	U
142-28-9	1,3-Dichloropropane	5	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
630-20-6	1,1,1,2-Tetrachloethane	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	5	U
110-57-6	trans-1,4-Dichloro-2-butene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U

4. SEMIVOLATILES DATA

A. QC Summary

LCS RECOVERY REPORT

LAB NAME: EA LABORATORIES

DATA FILE: SA1A9072

INSTRUMENT:

DATE: 04/17/96

SAMPLE ID: SLCS3768

MATRIX: WATER

ANALYST: BBP

SPIKE COMPOUND	SPIKE ADDED	SAMPLE CONC.	%REC.
4-Chloro-3-methylphenol	100.00	65.42	65
2-Chlorophenol	100.00	50.77	51
4-Nitrophenol	100.00	72.82	73
Pentachlorophenol	100.00	76.13	76
Phenol	100.00	54.32	54
Acenaphthene	100.00	52.77	53 *
1,4-Dichlorobenzene	100.00	39.39	39
2,4-Dinitrotoluene	100.00	68.41	68
N-Nitroso-di-n-propylamine	100.00	63.56	64 *
Pyrene	100.00	58.29	58 *
1,2,4-Trichlorobenzene	100.00	40.47	40 *

CURRENT SEMIVOLATILE LCS LIMITS

	WATER	SOIL
4-Chloro-3-methylphenol	52 - 98	45 - 95
2-Chlorophenol	51 - 84	50 - 81
4-Nitrophenol	69 - 85	59 - 105
Pentachlorophenol	61 - 91	39 - 103
Phenol	37 - 92	49 - 81
Acenaphthene	57 - 101	64 - 85
1,4-Dichlorobenzene	29 - 73	55 - 80
2,4-Dinitrotoluene	67 - 99	66 - 105
N-Nitroso-di-n-propylamine	67 - 102	66 - 97
Pyrene	64 - 97	55 - 89
1,2,4-Trichlorobenzene	47 - 89	52 - 100

If LCS is outside limits, a non-conformance form is required.

The LCS has been checked and is within/(outside) current limits.

Bhadra Patel 4/25/96

ANALYST DATE Non-conformance form #

LCS RECOVERY REPORT

LAB NAME: EA LABORATORIES

DATA FILE: SA1A9265

INSTRUMENT:

DATE: 04/30/96

SAMPLE ID: SLCS5230

MATRIX: WATER

ANALYST: BBP

SPIKE COMPOUND	SPIKE ADDED	SAMPLE CONC.	%REC.
4-Chloro-3-methylphenol	100.00	85.39	85
2-Chlorophenol	100.00	76.39	76
4-Nitrophenol	100.00	88.74	89*
Pentachlorophenol	100.00	91.98	92*
Phenol	100.00	75.84	76
Acenaphthene	100.00	67.17	67
1,4-Dichlorobenzene	100.00	43.87	44
2,4-Dinitrotoluene	100.00	88.48	88
N-Nitroso-di-n-propylamine	100.00	72.95	73
Pyrene	100.00	89.13	89
1,2,4-Trichlorobenzene	100.00	46.52	47

CURRENT SEMIVOLATILE LCS LIMITS

	WATER	SOIL
4-Chloro-3-methylphenol	52 - 98	45 - 95
2-Chlorophenol	51 - 84	50 - 81
4-Nitrophenol	69 - 85	59 - 105
Pentachlorophenol	61 - 91	39 - 103
Phenol	37 - 92	49 - 81
Acenaphthene	57 - 101	64 - 85
1,4-Dichlorobenzene	29 - 73	55 - 80
2,4-Dinitrotoluene	67 - 99	66 - 105
N-Nitroso-di-n-propylamine	67 - 102	66 - 97
Pyrene	64 - 97	55 - 89
1,2,4-Trichlorobenzene	47 - 89	52 - 100

If LCS is outside limits, a non-conformance form is required.

The LCS has been checked and is within/(outside) current limits.

Bhadresh Patel 5/1/96

ANALYST DATE

Non-conformance form #

LCS RECOVERY REPORT

LAB NAME: EA LABORATORIES

DATA FILE: SA1A9262

INSTRUMENT:

DATE: 04/30/96

SAMPLE ID: SLCS5634

MATRIX: WATER

ANALYST: BBP

SPIKE COMPOUND	SPIKE ADDED	SAMPLE CONC.	%REC.
4-Chloro-3-methylphenol	100.00	88.63	89
2-Chlorophenol	100.00	87.93	88
4-Nitrophenol	100.00	94.67	95
Pentachlorophenol	100.00	97.84	98
Phenol	100.00	83.49	83
Acenaphthene	100.00	78.51	79
1,4-Dichlorobenzene	100.00	78.33	78
2,4-Dinitrotoluene	100.00	90.40	90
N-Nitroso-di-n-propylamine	100.00	81.10	81
Pyrene	100.00	95.22	95
1,2,4-Trichlorobenzene	100.00	77.76	78

CURRENT SEMIVOLATILE LCS LIMITS

	WATER	SOIL
4-Chloro-3-methylphenol	52 - 98	45 - 95
2-Chlorophenol	51 - 84	50 - 81
4-Nitrophenol	69 - 85	59 - 105
Pentachlorophenol	61 - 91	39 - 103
Phenol	37 - 92	49 - 81
Acenaphthene	57 - 101	64 - 85
1,4-Dichlorobenzene	29 - 73	55 - 80
2,4-Dinitrotoluene	67 - 99	66 - 105
N-Nitroso-di-n-propylamine	67 - 102	66 - 97
Pyrene	64 - 97	55 - 89
1,2,4-Trichlorobenzene	47 - 89	52 - 100

If LCS is outside limits, a non-conformance form is required.

The LCS has been checked and is within/outside current limits.

Bhadresh Patel 5/1/96

ANALYST DATE Non-conformance form #

LCS RECOVERY REPORT

LAB NAME: EA LABORATORIES

DATA FILE: SA1A9263

INSTRUMENT:

DATE: 04/30/96

SAMPLE ID: SLCS5635

MATRIX: WATER

ANALYST: BBP

SPIKE COMPOUND	SPIKE ADDED	SAMPLE CONC.	%REC.
4-Chloro-3-methylphenol	100.00	85.69	86
2-Chlorophenol	100.00	65.62	66
4-Nitrophenol	100.00	87.73	88
Pentachlorophenol	100.00	91.60	92
Phenol	100.00	66.51	67
Acenaphthene	100.00	83.83	84
1,4-Dichlorobenzene	100.00	59.36	59
2,4-Dinitrotoluene	100.00	86.05	86
N-Nitroso-di-n-propylamine	100.00	74.93	75
Pyrene	100.00	89.18	89
1,2,4-Trichlorobenzene	100.00	72.50	73

CURRENT SEMIVOLATILE LCS LIMITS

	WATER	SOIL
4-Chloro-3-methylphenol	52 - 98	45 - 95
2-Chlorophenol	51 - 84	50 - 81
4-Nitrophenol	69 - 85	59 - 105
Pentachlorophenol	61 - 91	39 - 103
Phenol	37 - 92	49 - 81
Acenaphthene	57 - 101	64 - 85
1,4-Dichlorobenzene	29 - 73	55 - 80
2,4-Dinitrotoluene	67 - 99	66 - 105
N-Nitroso-di-n-propylamine	67 - 102	66 - 97
Pyrene	64 - 97	55 - 89
1,2,4-Trichlorobenzene	47 - 89	52 - 100

If LCS is outside limits, a non-conformance form is required.

The LCS has been checked and is within/outside current limits.

Bhadra Patel. 5/1/96

ANALYST DATE

Non-conformance form #

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK3768

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK3768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9071

Level: (low/med) LOW Date Received: / /

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK3768

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK3768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9071

Level: (low/med) LOW Date Received: / /

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphtalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonate	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK3768

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK3768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9071

Level: (low/med) LOW Date Received: / /

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphoroth	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK3768

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK3768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9071

Level: (low/med) LOW Date Received: / /

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthra	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5634

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5634

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9261

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	C310 N-Nitrosodimeth	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5634

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5634

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9261

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5634

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5634

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9261

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5634

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5634

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9261

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz(a)anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5230

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5230

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9264

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	C310 N-Nitrosodimeth	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5230

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5230

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9264

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5230

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5230

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9264

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: SBLK5230

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: SBLK5230

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9264

Level: (low/med) LOW Date Received:

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

B. Sample Data

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-05

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9076

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-05

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9076

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphtalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonate	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-05

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9076

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphoroth	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-05

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9076

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthra	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-05RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9266

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	C310 N-Nitrosodimeth	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-05RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9266

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206 44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-05RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9266

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-05RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9266

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-06

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9077

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-06

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9077

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphtalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonate	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-06

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9077

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphoroth	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-06

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9077

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthra	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-06RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9267

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
62-75-9	C310 N-Nitrosodimeth	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-06RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9267

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-06RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9267

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-06RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9267

Level: (low/med) LOW Date Received: 3/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-07

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9078

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-07

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9078

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphtalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonate	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-07

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9078

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphoroth	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-07

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9078

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/17/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthra	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-07RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9283

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-07RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9283

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-07RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9283

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-07RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9283

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-01

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	[redacted]	[redacted]	[redacted]
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-01

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	[redacted]	[redacted]
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-01

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

MW-01

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-01RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9284

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	[redacted]	[redacted]
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-01RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9284

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-01RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9284

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-01RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9284

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/24/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphtalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonate	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphoroth	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9094

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/04/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/18/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthra	10	U
56-49-5	3-Methylcholanthrene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9285

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
108-95-2	Phenol	10	U
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	3+4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9285

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U
10595-95-6	N-Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonat	10	U
55-18-5	N-Nitrosodiethylamine	20	U
62-50-0	Ethyl methanesulfonat	20	U
930-55-2	N-Nitrosopyrrolidine	40	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9285

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
95-53-4	o-Toluidine	10	U
98-86-2	Acetophenone	10	U
100-75-4	N-Nitrosopiperidine	20	U
126-68-1	O,O,O-Triethyl phosphorothio	10	U
87-65-0	2,6-Dichlorophenol	10	U
1888-71-7	Hexachloropropene	10	U
924-16-3	N-Nitrosodibutylamine	10	U
106-50-3	1,4-Phenylenediamine	10	U
120-58-1	Isosafrole	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
94-59-7	Safrole	10	U
130-15-4	1,4-Naphthoquinone	10	U
99-65-0	1,3-Dinitrobenzene	20	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	10	U
58-90-2	2,3,4,6-Tetrachlorophenol	10	U
134-32-7	1-Naphthylamine	10	U
297-97-2	Thionazin	20	U
99-55-8	5-Nitro-o-toluidine	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	10	U
298-02-2	Phorate	10	U
62-44-2	Phenacetin	20	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	20	U
82-68-8	Pentachloronitrobenzene	20	U
92-67-1	4-Aminobiphenyl	20	U
23950-58-5	Pronamide	10	U
88-85-7	Dinoseb	20	U
298-04-4	Disulfoton	10	U
298-00-0	Methyl parathion	10	U
56-38-2	Parathion	10	U
91-80-5	Methapyrilene	100	U
465-73-6	Isodrin	20	U
60-11-7	Dimethylaminoazobenzene	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO: MW-04RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SA1A9285

Level: (low/med) LOW Date Received: 03/29/96

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/19/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/01/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)ug/L	Q
510-15-6	Chlorobenzilate	10	U
52-85-7	Famphur	20	U
119-93-7	3,3'-Dimethylbenzidene	10	U
143-50-0	Kepone	20	U
53-96-3	2-Acetylaminofluorene	20	U
57-97-6	7,12-Dimethylbenz[a]anthrace	10	U
56-49-5	3-Methylcholanthrene	10	U

5. PESTICIDE/PCB DATA

A. QC Summary

LCS RECOVERY REPORT

LAB NAME: EA LABORATORIES

DATA FILE: 438FAHSN

INSTRUMENT: SN4

DATE: 04/24/96

SAMPLE ID: PLCS3768

MATRIX: WATER

ANALYST:

SPIKE I.D.: S-6222

SPIKE COMPOUND	SPIKE ADDED	SAMPLE CONC.	%REC.
Aldrin	0.500	0.12	24*
gamma-BHC	0.500	0.46	92
Dieldrin	1.000	0.96	96
4,4'-DDT	1.000	0.86	86
Endrin	1.000	0.95	95
Heptachlor	0.500	0.05	10*

CURRENT PESTICIDE LIMITS

	WATER	SOIL
Aldrin	25 - 136	68 - 129
gamma-BHC	56 - 125	59 - 103
Dieldrin	63 - 113	67 - 111
4,4'-DDT	56 - 139	66 - 127
Endrin	69 - 125	71 - 129
Heptachlor	25 - 128	69 - 118

If LCS is outside limits, a non-conformance form is required.

The LCS has been checked and is within/outside current limits.

ANALYST 04/29/96 DATE

Non-conformance form #

LCS RECOVERY REPORT

LAB NAME: EA LABORATORIES

DATA FILE: 552FAHSM

INSTRUMENT: SM3

DATE: 04/27/96

SAMPLE ID: PLCS5967A

MATRIX: WATER

ANALYST: TMP6

SPIKE I.D.: S-6222

SPIKE COMPOUND	SPIKE ADDED	SAMPLE CONC.	%REC.
Aldrin	0.100	0.072	72
gamma-BHC	0.100	0.09	94
Dieldrin	0.200	0.20	100
4,4'-DDT	0.200	0.20	100
Endrin	0.200	0.20	100
Heptachlor	0.100	0.05	52

CURRENT PESTICIDE LIMITS

	WATER	SOIL
Aldrin	25 - 136	68 - 129
gamma-BHC	56 - 125	59 - 103
Dieldrin	63 - 113	67 - 111
4,4'-DDT	56 - 139	66 - 127
Endrin	69 - 125	71 - 129
Heptachlor	25 - 128	69 - 118

If LCS is outside limits, a non-conformance form is required.

The LCS has been checked and is within/outside current limits.

Thomas A Albanese 5/2/96

~~ANALYST~~ DATE

Non-conformance form #

LCS RECOVERY REPORT

LAB NAME: EA LABORATORIES

DATA FILE: 558FAHSM

INSTRUMENT: SM3

DATE: 04/27/96

SAMPLE ID: PLCS5967 B

MATRIX: WATER

ANALYST: TMP

SPIKE I.D.: S-6222

SPIKE COMPOUND	SPIKE ADDED	SAMPLE CONC.	%REC.
Aldrin	0.100	0.064	64
gamma-BHC	0.100	0.09	88
Dieldrin	0.200	0.19	95
4,4'-DDT	0.200	0.08	39
Endrin	0.200	0.20	100
Heptachlor	0.100	0.04	41

CURRENT PESTICIDE LIMITS

	WATER	SOIL
Aldrin	25 - 136	68 - 129
gamma-BHC	56 - 125	59 - 103
Dieldrin	63 - 113	67 - 111
4,4'-DDT	56 - 139	66 - 127
Endrin	69 - 125	71 - 129
Heptachlor	25 - 128	69 - 118

If LCS is outside limits, a non-conformance form is required.

The LCS has been checked and is within/outside current limits.

ANALYST 04/29/96 DATE

Non-conformance form #

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

PBLK3768

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: PBLK3768

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 437FAHSN

% Moisture: decanted: (Y/N): N Date Received: / /

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/04/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

EPA SAMPLE NO.

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

PBLK5967

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: PBLK5967

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 551FAHSM

% Moisture: decanted: (Y/N): N Date Received: / /

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/25/96

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 04/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.010	U
319-84-6	alpha-BHC	0.010	U
319-85-7	beta-BHC	0.010	U
319-86-8	delta-BHC	0.010	U
58-89-9	gamma-BHC	0.010	U
76-44-8	Heptachlor	0.010	U
1024-57-3	Heptachlor Epoxide	0.010	U
959-98-8	Endosulfan I	0.010	U
60-57-1	Dieldrin	0.020	U
72-55-9	4,4'-DDE	0.020	U
72-20-8	Endrin	0.020	U
33213-65-9	Endosulfan II	0.020	U
72-54-8	4,4'-DDD	0.020	U
1031-07-8	Endosulfan Sulfate	0.020	U
50-29-3	4,4'-DDT	0.020	U
7421-93-4	Endrin Aldehyde	0.020	U
57-74-9	Chlordane	0.20	U
8001-35-2	Toxaphene	1.0	U
72-43-5	Methoxychlor	0.10	U
12674-11-2	Aroclor 1016	0.20	U
11104-28-2	Aroclor 1221	0.40	U
11141-16-5	Aroclor 1232	0.20	U
53469-21-9	Aroclor 1242	0.20	U
12672-29-6	Aroclor 1248	0.20	U
11097-69-1	Aroclor 1254	0.20	U
11096-82-5	Aroclor 1260	0.20	U

B. Sample Data

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO: MW-05

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 440FAHSN

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/04/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

EPA SAMPLE NO.

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

MW-05RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603768RE

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 553FAHSM

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/25/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO: MW-06

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 441FAHSN

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/04/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO

MW-06RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603769RE

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 554FAHSM

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/25/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO

MW-07

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 442FAHSN

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/04/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

MW-07RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603770RE

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 555FAHSM

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/25/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO

MW-01

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 443FAHSN

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/04/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO.

MW-01RE

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603771RE

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 556FAHSM

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/25/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/27/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

1D

PESTICIDE COMPOUNDS ORGANICS ANALYSIS SHEET

EPA SAMPLE NO

MW-04

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No: SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9603772

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: 444FAHSN

% Moisture: decanted: (Y/N): N Date Received: 03/29/96

Extraction: (SepF/Cont/Sonc) CONT Date Extracted: 04/04/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/24/96

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor Epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
7421-93-4	Endrin Aldehyde	0.10	U
57-74-9	Chlordane	1.0	U
8001-35-2	Toxaphene	5.0	U
72-43-5	Methoxychlor	0.50	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

6. HERBICIDE DATA

A. QC Summary

LCS
HERBICIDES LCS RECOVERIES

Lab Name: EA LABORATORIES
Contract: _____

Lab Code: EAENG
Date Extracted: 04/04/96

EA Sample ID: HLCS3768
Date Analyzed: 04/19/96

Client: _____
Instrument ID: SU1

Analyst: GMG
Spike Sol. #: S-6219

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS RECOVERY %	#	QC LIMITS REC.
2,4-D	20	14	68%		19-113
2,4,5-TP	4.0	2.9	73%		38-129

Column to be used to flag recovery values with an asterisk.
* Values outside of QC limits.

1

HERBICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

HBLK3768

Lab Name: EA Laboratories

Lab Code: EAENG

Matrix: (soil/water) WATER

Lab Sample ID: HBLK3768

Sample wt/vol: 1000 mL

Lab File ID:

% Moisture:

Date Received: NA

Extraction: CONT

Date Extracted: 04/04/96

Extract Volume: 10 (ml)

Date Analyzed: 04/19/96

Injection Volume: 1.0 (ul)

Dilution Factor: 1

GPC Cleanup: (Y/N) N

Sulfur Cleanup: N

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	(ug/L ug/Kg)	Q
19719-28-9	2,4-D	12	U
93-72-1	2,4,5-TP	1.7	U
93-76-5	2,4,5-T	2.0	U

B. Sample Data

1

HERBICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

MW-05

Lab Name: EA Laboratories

Lab Code: EAENG

Matrix: (soil/water)	WATER	Lab Sample ID:	9603768
Sample wt/vol:	1000 mL	Lab File ID:	
% Moisture:		Date Received:	03/29/95
Extraction:	CONT	Date Extracted:	04/04/96
Extract Volume:	10 (ml)	Date Analyzed:	04/19/96
Injection Volume:	1.0 (ul)	Dilution Factor:	1
GPC Cleanup: (Y/N)	N	Sulfur Cleanup:	N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L ug/Kg) ug/L	Q
19719-28-9	2,4-D	12	U
93-72-1	2,4,5-TP	1.7	U
93-76-5	2,4,5-T	2.0	U

1

HERBICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

MW-06

Lab Name: EA Laboratories

Lab Code: EAENG

Matrix: (soil/water)	WATER	Lab Sample ID:	9603769
Sample wt/vol:	1000 mL	Lab File ID:	
% Moisture:		Date Received:	03/29/95
Extraction:	CONT	Date Extracted:	04/04/96
Extract Volume:	10 (ml)	Date Analyzed:	04/19/96
Injection Volume:	1.0 (ul)	Dilution Factor:	1
GPC Cleanup: (Y/N)	N	Sulfur Cleanup:	N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L ug/Kg) ug/L	Q
19719-28-9	2,4-D	12	U
93-72-1	2,4,5-TP	1.7	U
93-76-5	2,4,5-T	2.0	U

1

HERBICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

MW-07

Lab Name: EA Laboratories

Lab Code: EAENG

Matrix: (soil/water)	WATER	Lab Sample ID:	9603770
Sample wt/vol:	1000 mL	Lab File ID:	
% Moisture:		Date Received:	03/29/95
Extraction:	CONT	Date Extracted:	04/04/96
Extract Volume:	10 (ml)	Date Analyzed:	04/20/96
Injection Volume:	1.0 (ul)	Dilution Factor:	1
GPC Cleanup: (Y/N)	N	Sulfur Cleanup:	N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L ug/Kg) ug/L	Q
19719-28-9	2,4-D	12	U
93-72-1	2,4,5-TP	1.7	U
93-76-5	2,4,5-T	2.0	U

1

HERBICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

MW-01

Lab Name: EA Laboratories

Lab Code: EAENG

Matrix: (soil/water)	WATER	Lab Sample ID:	9603771
Sample wt/vol:	1000 mL	Lab File ID:	
% Moisture:		Date Received:	03/29/95
Extraction:	CONT	Date Extracted:	04/04/96
Extract Volume:	10 (ml)	Date Analyzed:	04/20/96
Injection Volume:	1.0 (ul)	Dilution Factor:	1
GPC Cleanup: (Y/N)	N	Sulfur Cleanup:	N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L ug/Kg) ug/L	Q
19719-28-9	2,4-D	12	U
93-72-1	2,4,5-TP	1.7	U
93-76-5	2,4,5-T	2.0	U

1

HERBICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT ID.

MW-04

Lab Name: EA Laboratories

Lab Code: EAENG

Matrix: (soil/water)	WATER	Lab Sample ID:	9603772
Sample wt/vol:	1000 mL	Lab File ID:	
% Moisture:		Date Received:	03/29/95
Extraction:	CONT	Date Extracted:	04/04/96
Extract Volume:	10 (ml)	Date Analyzed:	04/20/96
Injection Volume:	1.0 (ul)	Dilution Factor:	1
GPC Cleanup: (Y/N)	N	Sulfur Cleanup:	N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L ug/Kg) ug/L	Q
19719-28-9	2,4-D	12	U
93-72-1	2,4,5-TP	1.7	U
93-76-5	2,4,5-T	2.0	U

7. METALS DATA

A. Analytical Results

METALS RESULTS FOR CHAMBERS REPORT #960424

EA SAMPLE ID: 9603768 **CLIENT ID:** MW-05

ELEMENT	CONC, UG/L
Antimony	<6.0
Arsenic	<10.0
Barium	<200
Beryllium	<5.0
Cadmium	<5.0
Chromium	<10.0
Cobalt	<50.0
Copper	<10.0
Lead	4.7
Mercury	<0.20
Nickel	<40.0
Selenium	<5.0
Silver	<10.0
Thallium	<10.0
Tin	<25.0
Vanadium	<50.0
Zinc	74.7

METALS RESULTS FOR CHAMBERS REPORT #960424

EA SAMPLE ID: 9603769 **CLIENT ID:** MW-06

ELEMENT	CONC. UG/L
Antimony	<6.0
Arsenic	<10.0
Barium	<200
Beryllium	<5.0
Cadmium	8.5
Chromium	<10.0
Cobalt	<50.0
Copper	<10.0
Lead	<3.0
Mercury	<0.20
Nickel	<40.0
Selenium	<5.0
Silver	<10.0
Thallium	<10.0
Tin	<25.0
Vanadium	<50.0
Zinc	58.4

METALS RESULTS FOR CHAMBERS REPORT #960424

EA SAMPLE ID: 9603770 **CLIENT ID:** MW-07

ELEMENT	CONC. UG/L
Antimony	<6.0
Arsenic	<10.0
Barium	<200
Beryllium	<5.0
Cadmium	<5.0
Chromium	<10.0
Cobalt	<50.0
Copper	<10.0
Lead	<3.0
Mercury	<0.20
Nickel	<40.0
Selenium	<5.0
Silver	<10.0
Thallium	<10.0
Tin	<25.0
Vanadium	<50.0
Zinc	83.5

METALS RESULTS FOR CHAMBERS REPORT #960424

EA SAMPLE ID: 9603771 **CLIENT ID:** MW-01

ELEMENT	CONC. UG/L
Antimony	<6.0
Arsenic	<10.0
Barium	<200
Beryllium	<5.0
Cadmium	<5.0
Chromium	<10.0
Cobalt	68.5
Copper	<10.0
Lead	<3.0
Mercury	<0.20
Nickel	151
Selenium	<5.0
Silver	10.5
Thallium	<10.0
Tin	25.8
Vanadium	<50.0
Zinc	518

METALS RESULTS FOR CHAMBERS REPORT #960424

EA SAMPLE ID: 9603772 **CLIENT ID:** MW-04

ELEMENT	CONC. UG/L
Antimony	<6.0
Arsenic	<10.0
Barium	<200
Beryllium	<5.0
Cadmium	<5.0
Chromium	<10.0
Cobalt	<50.0
Copper	<10.0
Lead	<3.0
Mercury	<0.20
Nickel	178
Selenium	<5.0
Silver	11.3
Thallium	<10.0
Tin	<25.0
Vanadium	<50.0
Zinc	<20.0

B. Quality Control Data

EA LABORATORIES
LCS Recovery Report

Client: Chambers
Project: Tontitown Landfill
Date Analyzed: 16-23 April 1996

Matrix: water
Method: SW846
Units: µg/L

Liquid LCS

Parameter	True Conc.	Found Conc.	% rec
Antimony	500	467	93.4
Arsenic	25.0	21.9	87.6
Barium	2000	2040	93.0
Beryllium	50	50.8	101.6
Cadmium	50	46.7	93.4
Chromium	200	202	101.0
Cobalt	500	515	103.0
Copper	250	258	103.2
Lead	25.0	25.3	101.2
Mercury	4.0	4.5	112.5
Nickel	500	502	100.4
Selenium	50.0	44.06	88.1
Silver	1050	957	91.1
Thallium	25.0	27.3	109.2
Tin	1000	1060	106.0
Vanadium	500	510	102.0
Zinc	500	511	102.2

EA LABORATORIES
Method Blank Report

Client: Chambers
Project: Tontitown Landfill
Date Analyzed: 16-23 April 1996

Method: SW846
Matrix: water
Units: μg/L

Parameter	Reporting Limit	Blank result
Antimony	6.0	<6.0
Arsenic	10.0	<10.0
Barium	200	<200
Beryllium	5.0	<5.0
Cadmium	5.0	<5.0
Chromium	10.0	<10.0
Cobalt	50.0	<50.0
Copper	10.0	<10.0
Lead	3.0	<3.0
Mercury	0.20	<0.20
Nickel	40.0	<40.0
Selenium	5.0	<5.0
Silver	10.0	<10.0
Thallium	10.0	<10.0
Tin	25.0	<25.0
Vanadium	50.0	<50.0
Zinc	20.0	<20.0