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MEMORANDUM

DATE: February 10, 2004

TO: Renee Nordeen, Project Manager, E & E, Seattle, WA

FROM: Mark Woodke, START-Chemist, E & E, Seattle, WA MW

SUBJ: **Organic Data Quality Summary Check, Gorst Creek-Bremerton Auto Wrecking Integrated Assessment, Bremerton, Washington**

REF: TDD: 03-07-0009 PAN: 001281.0291.01IA

The data quality assurance summary check of 8 water and 40 soil samples collected from the Gorst Creek-Bremerton Auto Wrecking site in Bremerton, Washington, has been completed. Organic analyses (EPA CLP SOW OLM04.3) were performed by the Envirosystems Inc., Columbia, Maryland.

The samples were numbered:

Water	J2789	J2790	J2791	J2792	J2795
	J2798	J27B3	J27B4		
Soil	J2768	J2769	J2770	J2771	J2772
	J2773	J2774	J2775	J2776	J2777
	J2778	J2779	J27A5	J27A6	J27A7
	J27A8	J27A9	J27B0	J27B2	J27B5
	J2780	J2781	J2782	J2783	J2784
	J2785	J2786	J2787	J2788	J2793
	J2794	J2796	J2797	J2799	J27A0
	J27A1	J27A2	J27A3	J27A4	J27B1

The original validation memorandum had a few discrepancies associated with the Form I's. Discrepancies were corrected by the original reviewer and secondary reviewer. Qualifications listed in the memorandum but inadvertently not applied by the original validator were applied by the secondary reviewer.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, WA 98101

January 21, 2004

MEMORANDUM

SUBJECT: Data validation report for the volatile organic compound (VOC), semi-volatile organic compound (SVOC) and pesticide/polychlorinated biphenyl (Pest/PCB) analysis of samples from the Gorst Creek Bremerton Auto Wrecking Site Assessment
Case: 32364 SDGs: J2789, J2768, J2780

FROM: Ginna Grepo-Grove, Chemist, OEA

TO: Joanne Labaw, SAM, OEC

CC: Bruce Woods, CLP PO, OEA
Mark Woodke, E & E

The quality assurance (QA) review of eight water and forty soil samples collected from the above referenced site has been completed. The samples were analyzed for VOCs, SVOCs and Pest/PCBs in accordance with the USEPA Contract Laboratory Program (CLP) Statement of Work (SOW) for Organic Analyses (OLM04.3) by Envirosystems Inc. of Columbia, MD.

The following sample numbers were validated in this report:

SDG: J2789

J2789	J2790	J2791	J2792	J2795
J2798	J27B3	J27B4		

SDG: J2768

J2768	J2769	J2770	J2771	J2772
J2773	J2774	J2775	J2776	J2777
J2778	J2779	J27A5	J27A6	J27A7
J27A8	J27A9	J27B0	J27B2	J27B5

SDG: J2780

J2780	J2781	J2782	J2783	J2784
J2785	J2786	J2787	J2788	J2793
J2794	J2796	J2797	J2799	J27A0
J27A1	J27A2	J27A3	J27A4	J27B1

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DATA QUALIFICATIONS

The following comments refer to the laboratory performance in meeting the Quality Control (QC) Specifications outlined in the USEPA CLP SOW for Organic Analysis (OLM04.3) and the USEPA CLP National Functional Guidelines for Organic Data Review (10/99).

The conclusions presented herein are based on the information provided for the review.

Holding Time/Preservation

The samples were collected from 11/10-12/03. All VOC analyses were performed from 11/17-18/03. Samples were extracted for pesticides, PCBs and SVOCs from 11/17-19/03 and were analyzed within 40 days of sample extraction date. All VOCs, SVOCs, pesticides and PCB analyses met the holding times. None of the data were qualified on this basis.

Instrument Performance Checks - Acceptable

The GC/MS systems used in the VOC and SVOC analyses met the performance checks and ion abundance criteria. All of the GC systems used for pest/PCB analyses met instrument performance checks, resolution, percent differences (%Ds) and percent DDT and endrin breakdown criteria. All of the samples were analyzed within an acceptable 12-hour QC period and the instruments used remained stable throughout the course of analyses. None of the data were qualified on this basis.

Initial Calibrations (ICAL)

The VOCs, SVOCs and pest/PCB initial calibrations met the technical acceptance criteria for the percent relative standard deviations (%RSDs) and the minimum relative response factors (RRFs) for all target compounds and system monitoring compounds and surrogates with following exceptions:

- VOC ICAL 09/29/03 instrument HP73F - The %RSD for acetone exceeded the applicable QC criteria. Recalculation of the %RSD for acetone indicated that the curve is not linear at the high concentration end of the curve. Acetone was not detected in any of the associated samples at concentrations >100 ug/Kg. None of the acetone data were qualified.

- VOC ICAL 10/02/03 instrument F5100B - The %RSD for acetone exceeded the applicable QC criteria. Recalculation of the %RSD for acetone indicated that the curve is not at the linear at the low concentration end of the curve. Non-detected acetone in the associated samples were qualified estimated, "UJ"; detected acetone were not qualified at all.

- SVOCs ICAL 11/18/03 instrument HP73G - The %RSD for 3-nitroaniline and 3,3'-dichlorobenzidine exceeded the applicable QC criteria. Recalculation of the %RSDs indicated that both of the compounds were not at the linear at the high concentration end of the curve. 3-Nitroaniline and 3,3'-dichlorobenzidine were not detected in any of the associated samples. None of the data were qualified on this basis.

Continuing Calibration Verification (CCV)

All of the VOC, SVOC and Pest/PCB CCV checks met the criteria for frequency of analysis, minimum RRFs and %Ds as compared to the initial calibration with the following exceptions:

Date/Time of Analysis	Compound	%D/RRF	Qualifier Detect/Non-detect	Associated Samples
VOC 11/19/03 (0906) HP73F	dichlorodifluoromethane chloromethane 1,1,2-trichloro-1,2,2-trifluroethane acetone	-39 -30 -28 -27	J/UJ J/UJ J/UJ J/UJ J/UJ	J2788, J2787DL, J2793, J2799, J27A0, J27A1, J27A2 J27A3, J27A4 J27B1, J27B1MS, J27B1MSD, VHBLK1
VOC 11/17/03 (1012) HP73F	4-methyl-2-pentanone 2-hexanone 1,2-dibromo-3-chloropropane	-36 -33 -29	J/UJ J/UJ J/UJ	J2768, J2770, J2772, J2773, J2774, J2775, J2776, J2777, J2778, J2779, J27A5, J27A6, J27A7, J27A8, J27A9, J27B0, J27B2, J27B5
VOC 11/17/03 (0908) F5100B	1,1,2-trichloro-1,2,2-trifluroethane 2-butanone 2-hexanone	-34 -31 -30	J/UJ J/UJ J/UJ	J2789, J2790, J2791, J2792, J2795, J2798, J27B3, J27B4, J27B4DL, J27B4RE
SVOCs 11/18/03 (1218) HP73G	3-nitroaniline carbazole	63 28	J/None J/None	J2768, J27689, J2769DL, J2770, J2772, J2774, J2775, J2778, J2779, J27A5, J27B2, J27B5
SVOCs 11/19/03 (0948) HP73G	3-nitroaniline 2,4-dinitrophenol 4-nitroaniline carbazole 3,3'-dichlorobenzidine benzo(g,h,i)perylene	111 -33 40 47 115 -32	J/None J/UJ J/None J/None J/None J/UJ	J2773, J2776, J2777, J27A6, J27A7, J27A8,J27A8DL, J27A9, J27A9DL, J27B0, J27B0DL
SVOCs 11/20/03 (1015) HP73G	3-nitroaniline 2,4-dinitrophenol 4-nitroaniline 4,6-dinitro-2-methylphenol carbazole 3,3'-dichlorobenzidine -	-36 118 -50 46 -38 42 61	J/UJ J/None J/UJ J/None J/UJ J/None J/None	J2789, J2790, J2791,J2792, J2795, J2798, J27B3, J27B4, J27B4DL

Quantitation Limits - Acceptable

All of the reported results were adjusted for sample amounts analyzed and dilution factors. The quantitation limits (QLs) were based on the lowest standard concentration analyzed in the initial calibrations. Several VOC, SVOC and Pest/PCB samples were analyzed at dilutions due to high concentration of target compounds and/or matrix interferences resulting in elevated (QLs).

Target compounds that were detected at concentrations less than the QLs were qualified as estimated, "J". Detected compounds at concentrations over the calibration range were re-analyzed at dilutions. For compounds initially detected at concentrations greater the the calibration range, the reviewer crossed-out the concentration

and reported the concentration off the dilution runs. The "E" and "D" qualifiers applied by the laboratory were crossed-out by the reviewer.

It is recommended that data users should utilize the results selected by the reviewer where more than one analysis was performed on a single sample or extract (i.e. dilution, re-analysis).

Blanks

All method and/or instrument blanks for VOC, SVOC and Pest/PCB analysis were acceptable with the following exceptions:

VOCs

- Acetone and methylene chloride were detected in all of the method and holding blanks associated with the SDG: J2768. Detected methylene chloride and acetone in associated samples at concentrations less than ten times the value in their associated blank(s) were qualified as non-detects, "U", due to blank contamination.

- methylene chloride was detected in some of the method blanks and the holding blank associated with SDG: J2780. Detected methylene chloride in associated samples at concentrations less than ten times the value in their associated blank(s) were qualified as non-detects, "U", due to blank contamination.

- methylene chloride was detected in some of the method blanks and the holding blank associated with SDG: J2789. Detected methylene chloride in associated samples at concentrations less than ten times the value in their associated blank(s) were qualified as non-detects, "U", due to blank contamination.

SVOCs

- Acetophenone was detected in the SVOC method blank associated with SDG: J2789. Detected acetophenone in associated samples at concentrations less than five times the value in their associated blank(s) were qualified as non-detects, "U" , due to blank contamination.

Analytical Sequence - Acceptable

All of the standards, blanks, samples, and QC samples were analyzed in accordance with the SOW specified analytical sequence.

System Monitoring Compounds/Surrogate Recoveries

All of the VOC system monitoring compounds, SVOC and Pest/PCB surrogate spike recoveries met the applicable QC criteria with the following exceptions:

Pest/PCB

Sample	TCX (%)	TCX (%)	DCB (%)	DCB (%)	qualifiers	
	col 1	col 2	col 1	col 2	Detects	Non-detects
J2772			236	133	OK	None
J2774			178	241	J- Aroclors	None
J2775			187	194	J- Aroclors	None
J2777			201	148	OK	None
J27A7			305	280	J- Aroclors	None
J27A8			204	303	J- Aroclors	None
J27A9			303	293	J- Aroclors	None
J27A9DL			350	338	J- Aroclors	None
J27B0			315	300	J- Aroclors	None
J27B0DL			315	300	J- Aroclors	None
J27B4	20	11	4	0	J- pest/	UJ-pest/R-PCB
J27B4RE	32	34	30	5	J (pest/PCB)	UJ (pest/PCB)
J2781			154	150	OK	None
J2783			258	288	J- Aroclors	None
J2783DL			285	250	J- Aroclors	None
J2786			435	255	J- Aroclors	None
J2786DL			380	231	J- Aroclors	None
J2797DL			330	155	J- Aroclors	None
J27B1			187	161	J- Aroclors	None

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Samples J27B2, J27B1 and J2790 were utilized for MS/MSD analyses for VOC, SVOCs and pesticides/PCBs. The criteria for frequency of analysis, spike recoveries and relative percent differences (RPDs) were met for the MS/MSD analyses. Some of the SVOC and pesticide spike compounds slightly exceeded the recovery and/or RPD control limits. Since these slight exceedances did not affect the quality of the data, none of the data reported were qualified on this basis.

Internal Standards - Acceptable

The acceptance criteria for internal standards (IS) are ±30 seconds for retention time (RT) shifts and -50% to +100% of the IS area as compared to the IS RT and area of the daily continuing calibration standard. All of the VOC and SVOC GC/MS analyses met the IS area and RT shift criteria.

Compound Identification

All of the compounds detected in the GC/MS analyses were within the retention time windows, met the USEPA spectral matching criteria and were judged to be acceptable except for the following situations:

Detected compounds with results below the CRQL and had weak spectra were qualified as non-detected at the CRQL by the reviewer.

Single component pesticides and Aroclors were qualified as follows: where %Ds (between two column concentrations) >30% but ≤60% - detected results were qualified as estimated, "J"; %Ds >60% but <100% with concentrations >CRQL were qualified as tentatively identified at the estimated concentration, "JN"; %Ds >60% but <100% with concentrations <CRQL were qualified as non-detects, "U"; %Ds>100% with concentrations >CRQL were qualified as non-detects at the reported concentration.

There were no problems noted in the pesticide/PCB analysis of water samples (SDG: J2789). Discrepancies were observed for some of the samples in SDGs: J2780 and J2768, with detections of Aroclors 1242, 1254 and single-component pesticides. The Aroclors detected are weathered and chromatographic resolution which resulted in the laboratory's difficulty in pattern recognition, pest/PCB identification and quantification. Because of these, some of the low level Aroclors were missed by the laboratory, some of the single component pesticides were mis-identified and the %Ds between Aroclor concentrations from each column increased. The reviewer evaluated the retention times of each identified single-component pesticides and Aroclors. Most of the single-component pesticides reported were determined to be false positives due co-elution with Aroclors. These single component pesticides were qualified as non-detects, "U", by the reviewer at an elevated detection limits (level of detection) due to interferences. The reviewer also recalculated the Aroclor concentrations and used peaks that have the least interferences. The calculated Aroclor concentrations were reported by the reviewer on the Forms. The "P" qualifiers applied by the laboratory were crossed-out by the reviewer.

Tentatively Identified Compounds

Peaks that were detected in the samples at areas >10% of the internal standards and were not part of the target compound lists were identified as tentatively identified compounds (TICs). TICs that were both found in the sample and in the associated method blank(s) were crossed-out by the reviewer Peaks that were identified as common laboratory contaminants, solvent preservatives, column bleed or aldol condensation products were also crossed-out by the reviewer. qualified as unusable, "R". The rest of the peaks identified as TICs were qualified "JN", tentatively identified at the estimated concentration.

Laboratory Contact

The laboratory was not contacted for this review.

Overall Assessment

The total number of data points was 6743. Sixty-eight data points (1.0%) were qualified as non-detected due to blank contamination, poor spectral quality, high %Ds between columns and chromatographic interferences. Four

hundred thirty-seven (6.55%) were qualified as estimated due to values reported below the CRQL, values reported above the calibration range, calibrations, internal standards, holding times, high %Ds between columns and chromatographic interference. Seven (0.1%) undetected Aroclors were qualified as unusable due to very low surrogate recoveries.

All of the samples were analyzed in accordance with technical specifications outlined in the SOW. It is recommended that data users utilize the pesticides/PCB results from the re-analysis of sample J27B4. The rest of the data, as qualified, are acceptable and can be used for all purposes.

Data Qualifiers		
	U	The analyte was not detected at or above the reported result.
	J	The analyte was positively identified. The associated numerical result is an estimate.
	UJ	The analyte was not detected at or above the reported estimated result. The associated numerical value is an estimate of the quantitation limit of the analyte in this sample.
	R	The data are unusable for all purposes.
	N	There is evidence the analyte is present in this sample.
	JN	There is evidence that the analyte is present. The associated numerical result is an estimate.
Bias Qualifiers	L	Low bias.
	H	High bias.
	Q	The result is estimated because the concentration is below the Contract Required Quantitation Limits (CRQLs).
	K	Unknown Bias.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2768

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112509

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 21 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.2	U
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	4.2	U
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	4.2	U
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	4.2	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2769

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112510

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	24 ~~2.0~~	~~U~~
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	4.8	~~P~~ U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	43 ~~32~~	~~P~~ U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	10	
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

heptachlor epoxide & 4,4'-DDT values from dilution run (11/26/03 5x dil)

FORM I PEST

OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2769DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112510DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 8.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	9.8	U
319-85-7	beta-BHC	9.8	U
319-86-8	delta-BHC	9.8	U
58-89-9	gamma-BHC (Lindane)	9.8	U
76-44-8	Heptachlor	9.8	U
309-00-2	Aldrin	9.8	U
1024-57-3	Heptachlor epoxide	24	~~PD~~
959-98-8	Endosulfan I	9.8	U
60-57-1	Dieldrin	19	U
72-55-9	4,4'-DDE	19	U
72-20-8	Endrin	19	U
33213-65-9	Endosulfan II	19	U
72-54-8	4,4'-DDD	19	U
1031-07-8	Endosulfan sulfate	19	U
50-29-3	4,4'-DDT	43	~~PD~~
72-43-5	Methoxychlor	98	U
53494-70-5	Endrin ketone	19	U
7421-93-4	Endrin aldehyde	19	U
5103-71-9	alpha-Chlordane	9.8	U
5103-74-2	gamma-Chlordane	13	~~D~~
8001-35-2	Toxaphene	980	U
12674-11-2	Aroclor-1016	190	U
11104-28-2	Aroclor-1221	390	U
11141-16-5	Aroclor-1232	190	U
53469-21-9	Aroclor-1242	190	U
12672-29-6	Aroclor-1248	190	U
11097-69-1	Aroclor-1254	190	U
11096-82-5	Aroclor-1260	190	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2779

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112520

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 12 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/29/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 11.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	5.0	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	11	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	12	JH
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	92	JH
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	88	
11096-82-5	Aroclor-1260	37	U

FORM I PEST 1421 OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2778

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112519

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 11 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 10.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
319-84-6	alpha-BHC	1.9	U	
319-85-7	beta-BHC	1.9	U	
319-86-8	delta-BHC	1.9	U	
58-89-9	gamma-BHC (Lindane)	1.9	U	
76-44-8	Heptachlor	1.9	U	
309-00-2	Aldrin	1.9	U	
1024-57-3	Heptachlor epoxide	2.0		u
959-98-8	Endosulfan I	1.9	U	
60-57-1	Dieldrin	3.7	U	
72-55-9	4,4'-DDE	3.7	U	
72-20-8	Endrin	3.7	U	
33213-65-9	Endosulfan II	3.7	U	
72-54-8	4,4'-DDD	7.3	~~U~~	JH
1031-07-8	Endosulfan sulfate	3.7	U	
50-29-3	4,4'-DDT	13		JH
72-43-5	Methoxychlor	19	U	
53494-70-5	Endrin ketone	3.7	U	
7421-93-4	Endrin aldehyde	3.7	U	
5103-71-9	alpha-Chlordane	6.1	~~U~~	JH
5103-74-2	gamma-Chlordane	6.0		JH
8001-35-2	Toxaphene	190	U	
12674-11-2	Aroclor-1016	37	U	
11104-28-2	Aroclor-1221	75	U	
11141-16-5	Aroclor-1232	37	U	✓
53469-21-9	Aroclor-1242	37	U	
12672-29-6	Aroclor-1248	37	U	✓
11097-69-1	Aroclor-1254	37	U	✓
11096-82-5	Aroclor-1260	37	U	✓

mg 01/12/04

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2777

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112518

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 20 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	3.6	~~P~~ w
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	9.5	w
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	20	J H
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	4.6	~~P~~ J H
5103-74-2	gamma-Chlordane	5.2	~~P~~ J H
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	50J 41	~~U~~
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	50J ~~41~~	~~U~~
11096-82-5	Aroclor-1260	60 41	~~U~~ w

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2776

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112517

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 10 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	3.0	~~P~~ U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	5.1	~~P~~ U
72-55-9	4,4'-DDE	5.5	~~P~~ JH
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	12	~~P~~ U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	27	JH
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	4.1	~~P~~ U
5103-74-2	gamma-Chlordane	11	JH
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	100	
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	170	
11096-82-5	Aroclor-1260	120	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2775

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112516

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	9.5	~~P~~ U
72-55-9	4,4'-DDE	7.5	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	23	~~P~~ J H
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	24	J H
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	9.7	~~P~~ J H
5103-74-2	gamma-Chlordane	13	J H
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U J K
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	340	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	140	~~P~~ J H
11096-82-5	Aroclor-1260	77	~~P~~ J H

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2774

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112515

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	4.9	
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	11	~~P~~ UL
72-55-9	4,4'-DDE	9.9	
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	19	~~P~~ UL
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	43	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	11	
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	28	~~P~~ UL
5103-74-2	gamma-Chlordane	31	
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U JK
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2773

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112514

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 23 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	4.3	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2772

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112513

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 20 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	69	
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2771

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112512

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	~~P~~ W
72-55-9	4,4'-DDE	8.9	~~P~~ JH
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	29	JH
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	11	JH
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	5.5	~~P~~ JH
5103-74-2	gamma-Chlordane	7.2	~~P~~ JH
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	120	
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	90	~~P~~ JH
11096-82-5	Aroclor-1260	45	~~P~~ JH

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2770

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112511

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 10.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	6.9	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2786DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112535DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 17 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/24/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/03/03

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y pH: 10.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.1	U
319-85-7	beta-BHC	4.1	U
319-86-8	delta-BHC	4.1	U
58-89-9	gamma-BHC (Lindane)	4.1	U
76-44-8	Heptachlor	6.4	~~P~~ U
309-00-2	Aldrin	4.1	U
1024-57-3	Heptachlor epoxide	10	~~PD~~ U
959-98-8	Endosulfan I	4.1	U
60-57-1	Dieldrin	8.6	~~PD~~ U
72-55-9	4,4'-DDE	23	~~PD~~ U
72-20-8	Endrin	8.0	U
33213-65-9	Endosulfan II	8.0	U
72-54-8	4,4'-DDD	64	~~P~~ JH
1031-07-8	Endosulfan sulfate	8.0	U
50-29-3	4,4'-DDT	35	~~P~~ JH
72-43-5	Methoxychlor	41	U
53494-70-5	Endrin ketone	22	D
7421-93-4	Endrin aldehyde	8.0	U
5103-71-9	alpha-Chlordane	37	~~PD~~ JH
5103-74-2	gamma-Chlordane	40	~~PD~~ JH
8001-35-2	Toxaphene	410	U
12674-11-2	Aroclor-1016	80	U JK
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	260	
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	180	P
11096-82-5	Aroclor-1260	80	U

Use this run for 4,4'-DDD, 4,4'-DDT, α + γ-chlordane & endrin ketone only

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2786

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112535

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 17 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/24/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 10.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	6.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	11	~~P~~ U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	8.8	~~P~~ U
72-55-9	4,4'-DDE	26	~~P~~ U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	64 ~~72~~	~~P~~ JH
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	35 ~~40~~	JH
72-43-5	Methoxychlor	20 ~~20~~	~~P~~ U
53494-70-5	Endrin ketone	24	JH
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	37 ~~36~~	~~PE~~ JH
5103-74-2	gamma-Chlordane	40 ~~43~~	~~PE~~ JH
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	40	U JK
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	250	J
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	240 ~~180~~	~~P~~
11096-82-5	Aroclor-1260	40	U

4,4' DDD, 4,4'-DDT, α & δ-chlordane concentrations taken from diluted run (11/03/03 2x dil)

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2785

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112534

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 19 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 9.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	6.9	JH
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	10	JH
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.6	JH
5103-74-2	gamma-Chlordane	3.7	JH
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2784

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112533

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 9 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	~~U~~ U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	2.1	~~U~~ U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	10	JH
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	7.6	~~U~~ JH
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	12	JH
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	9.7	~~U~~
5103-74-2	gamma-Chlordane	11	JH
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	62 ~~52~~	~~U~~ JH
11096-82-5	Aroclor-1260	36	U

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1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2783DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112532DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 18 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.1	U
319-85-7	beta-BHC	4.1	U
319-86-8	delta-BHC	4.1	U
58-89-9	gamma-BHC (Lindane)	4.1	U
76-44-8	Heptachlor	4.1	U
309-00-2	Aldrin	4.1	U
1024-57-3	Heptachlor epoxide	4.1	U
959-98-8	Endosulfan I	4.1	U
60-57-1	Dieldrin	14	~~PD~~ U
72-55-9	4,4'-DDE	9.2	~~PD~~ U
72-20-8	Endrin	8.0	U
33213-65-9	Endosulfan II	8.0	U
72-54-8	4,4'-DDD	17	~~PD~~
1031-07-8	Endosulfan sulfate	8.0	U
50-29-3	4,4'-DDT	52	~~PD~~ JH
72-43-5	Methoxychlor	41	U
53494-70-5	Endrin ketone	8.0	U
7421-93-4	Endrin aldehyde	8.0	U
5103-71-9	alpha-Chlordane	30	~~PD~~ JH
5103-74-2	gamma-Chlordane	33	~~PD~~ JH
8001-35-2	Toxaphene	410	U
12674-11-2	Aroclor-1016	80	U JK
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	80	U
53469-21-9	Aroclor-1242	80	U
12672-29-6	Aroclor-1248	80	U
11097-69-1	Aroclor-1254	80	U
11096-82-5	Aroclor-1260	80	U

Use for α-chlordane conc. only

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2783

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112532

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 18 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	~~P~~ U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	13	U
72-55-9	4,4'-DDE	9.2	~~P~~ U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	18	JH
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	54	JH
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	30	~~P~~ JH
5103-74-2	gamma-Chlordane	33 ~~39~~ ~~33~~	~~P~~ JH
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	40	U ~~JK~~
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

α-chlordane concentration from dilution run (11/11/03 2x dil)

γ-chlordane from dilution run

FORM I PEST

OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B4RE

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112556R

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) SEPF Date Extracted: 11/28/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/28/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U JK
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B5

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112528

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 20 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/27/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

FORM I PEST OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2768

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112509

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP081

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 21 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	420	U
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
98-86-2	Acetophenone	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
105-60-2	Caprolactam	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	420	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	420	U
606-20-2	2,6-Dinitrotoluene	420	U
208-96-8	Acenaphthylene	420	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	420	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2768

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112509

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP081

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 21 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
86-73-7	Fluorene	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
1912-24-9	Atrazine	420	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	420	U
129-00-0	Pyrene	420	U
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)phthalate	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	420	U
207-08-9	Benzo(k)fluoranthene	420	U
50-32-8	Benzo(a)pyrene	420	U
193-39-5	Indeno(1,2,3-cd)pyrene	420	U
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	420	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2768

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112509

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP081

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 21 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 16

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.26~~	~~420~~	~~JB~~
2.	UNKNOWN	6.75	120	J
3.	UNKNOWN	6.88	160	J
4. 57-10-3	N-HEXADECANOIC ACID	17.77	220	NJ
5.	UNKNOWN	22.24	89	J
6.	UNKNOWN	24.41	100	J
7.	UNKNOWN	24.72	300	J
8.	UNKNOWN	26.06	90	J
9.	UNKNOWN	26.39	350	J
10.	UNKNOWN	27.60	100	J
11.	UNKNOWN	27.83	220	J
12.	UNKNOWN	28.23	100	J
13.	UNKNOWN	28.56	310	J
14.	UNKNOWN	28.68	140	J
15.	UNKNOWN	28.92	290	J
16.	UNKNOWN	29.39	160	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2769

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112510

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP087

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	16000 ~~18000~~	~~E~~
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	260	J
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

Hand written values taken from 10X dil dilution run (11/19/03)

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2769

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112510

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP087

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	53	J Q
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	46	J Q
206-44-0	Fluoranthene	73	J
129-00-0	Pyrene	92	J
85-68-7	Butylbenzylphthalate	4400 ~~5200~~	~~E~~
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	55	J Q
218-01-9	Chrysene	73	J Q
117-81-7	bis(2-Ethylhexyl)phthalate	15000 ~~22000~~	~~E~~
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	79	J Q
207-08-9	Benzo(k)fluoranthene	41	J
50-32-8	Benzo(a)pyrene	55	J
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2769

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112510

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP087

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.7 Extraction: (Type) SONC

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 532-55-8	BENZOYL ISOTHIOCYANATE	7.07	270	NJ
2. 93-58-3	BENZOIC ACID, METHYL ESTER	9.62	190	NJ
3. 85-44-9	PHTHALIC ANHYDRIDE	10.69	540	NJ
4.	UNKNOWN	16.78	160	JN
5.	UNKNOWN	17.16	640	J
6.	UNKNOWN	17.47	160	J
7.	UNKNOWN	17.69	200	J
8.	UNKNOWN	17.76	230	J
9. 614-47-1	2-PROPEN-1-ONE, 1,3-DIPHENYL	18.16	850	NJ
10.	UNKNOWN	18.89	460	JN
11.	UNKNOWN	18.94	750	JN
12. 24660-41-1	1,3,4-OXADIAZOLIUM, 5-HYDROX	19.93	520	NJ
13.	UNKNOWN	22.84	220	JN
14.	UNKNOWN	22.96	210	J
15.	UNKNOWN	26.31	4500	J
16.	UNKNOWN	26.42	4400	J
17.	UNKNOWN	26.51	9000	J
18.	UNKNOWN	26.63	11000	J
19.	UNKNOWN	26.74	840	J
20.	UNKNOWN	28.25	1300	J
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FORM I SV-TIC

OLM04.3

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EPA SAMPLE NO.

J2769DL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112510DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP093

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.7 Extraction: (Type) SONC

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	18.18	780	~~JD~~ N
2.	UNKNOWN	20.67	800	~~JD~~
3.	UNKNOWN	21.48	970	~~JD~~
4.	UNKNOWN	26.30	5600	~~JD~~
5.	UNKNOWN	26.40	5100	~~JD~~
6.	UNKNOWN	26.48	13000	~~JD~~
7.	UNKNOWN	26.60	14000	~~JD~~
8.	UNKNOWN	26.73	870	~~JD~~
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FORM I SV-TIC OLM04.3

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2770

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112511

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP082

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2770

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112511

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP082

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	83	J
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	61	J
206-44-0	Fluoranthene	120	J
129-00-0	Pyrene	130	J
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	66	J
218-01-9	Chrysene	81	J
117-81-7	bis(2-Ethylhexyl)phthalate	55	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	72	J
207-08-9	Benzo(k)fluoranthene	51	J
50-32-8	Benzo(a)pyrene	54	J
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2770

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112511

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP082

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

Number TICs found: 12

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.31~~	~~160~~	~~JB~~
2.	UNKNOWN	6.86	160	J
3.	UNKNOWN	15.04	96	J
4.	UNKNOWN	18.93	490	J
5.	UNKNOWN	19.14	150	J
6.	UNKNOWN	19.34	180	J
7.	UNKNOWN	20.48	190	J
8.	UNKNOWN	25.56	130	J
9.	UNKNOWN	25.76	140	J
10.	UNKNOWN	26.20	250	J
11.	UNKNOWN	26.75	250	J
12.	UNKNOWN	27.38	98	J
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FORM I SV-TIC OLM04.3

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2772

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112513

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP096

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2772

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112513

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP096

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	64	JQ
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	83	JQ
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	73	JQ
218-01-9	Chrysene	150	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	70	JQ
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2772

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112513

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP096

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.27~~	~~240~~	~~JB~~
2.	UNKNOWN	18.91	99	JN
3.	UNKNOWN	23.77	690	J
4.	UNKNOWN	24.66	630	J
5.	UNKNOWN	24.72	660	J
6. 22953-35-1	CHOLAN-24-OL	25.63	500	NJ
7.	UNKNOWN	25.81	400	JN
8.	UNKNOWN	25.98	650	J
9.	UNKNOWN	26.26	810	J
10.	UNKNOWN	26.81	870	J
11.	UNKNOWN	27.44	470	J
12.	UNKNOWN	27.51	370	J
13.	UNKNOWN	27.88	690	J
14.	UNKNOWN	28.49	380	J
15.	UNKNOWN	28.63	420	J
16.	UNKNOWN	28.76	490	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2773

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112514

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP083

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2773

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112514

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP083

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	UJK
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	50	JQ
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	72	JQ
85-68-7	Butylbenzylphthalate	190	JQ
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	51	JQ
117-81-7	bis(2-Ethylhexyl)phthalate	130	JQ
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	UJK

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2773

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112514

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP083

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.32~~	~~170~~	~~JB~~
2.		UNKNOWN	6.90	96	JN
3.	57-10-3	N-HEXADECANOIC ACID	17.78	350	NJ
4.		UNKNOWN	19.60	130	JN
5.		UNKNOWN	20.65	140	J
6.		UNKNOWN	20.94	150	J
7.		UNKNOWN	22.25	170	J
8.		UNKNOWN	22.85	330	J
9.		UNKNOWN	23.73	370	J
10.		UNKNOWN	24.32	490	J
11.		UNKNOWN	26.21	370	J
12.		UNKNOWN	26.40	310	J
13.		UNKNOWN	26.76	420	J
14.		UNKNOWN	27.53	650	J
15.		UNKNOWN	27.84	480	J
16.		UNKNOWN	28.21	390	J
17.		UNKNOWN	28.58	310	J
18.		UNKNOWN	28.70	310	J
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FORM I SV-TIC OLM04.3

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2774

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112515

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP099

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)Ether	2000	U
95-57-8	2-Chlorophenol	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2000	U
98-86-2	Acetophenone	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
91-20-3	Naphthalene	2000	U
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
105-60-2	Caprolactam	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	2000	U
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	4900	U
92-52-4	1,1'-Biphenyl	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	4900	U
131-11-3	Dimethylphthalate	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
208-96-8	Acenaphthylene	2000	U
99-09-2	3-Nitroaniline	4900	U
83-32-9	Acenaphthene	2000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2774

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112515

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP099

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4900	U
100-02-7	4-Nitrophenol	4900	U
132-64-9	Dibenzofuran	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
86-73-7	Fluorene	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
100-01-6	4-Nitroaniline	4900	U
534-52-1	4,6-Dinitro-2-methylphenol	4900	U
86-30-6	N-Nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
1912-24-9	Atrazine	2000	U
87-86-5	Pentachlorophenol	4900	U
85-01-8	Phenanthrene	2000	U
120-12-7	Anthracene	2000	U
86-74-8	Carbazole	2000	U
84-74-2	Di-n-butylphthalate	230	J Q
206-44-0	Fluoranthene	310	J Q
129-00-0	Pyrene	360	J Q
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)anthracene	210	J Q
218-01-9	Chrysene	240	J Q
117-81-7	bis(2-Ethylhexyl)phthalate	4200	
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo(b)fluoranthene	2000	U
207-08-9	Benzo(k)fluoranthene	2000	U
50-32-8	Benzo(a)pyrene	2000	U
193-39-5	Indeno(1,2,3-cd)pyrene	2000	U
53-70-3	Dibenzo(a,h)anthracene	2000	U
191-24-2	Benzo(g,h,i)perylene	2000	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2774

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112515

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP099

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 16 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	17.80	550	J
2.	UNKNOWN	17.91	1100	J
3.	UNKNOWN	19.07	450	J
4.	UNKNOWN	20.04	400	J
5.	UNKNOWN	20.98	740	J
6.	UNKNOWN	21.18	640	J
7.	UNKNOWN	23.78	1300	J
8.	UNKNOWN	24.29	1100	J
9.	UNKNOWN	24.59	1000	J
10.	UNKNOWN	24.66	1200	J
11.	UNKNOWN	24.72	1200	J
12.	UNKNOWN	25.62	1600	J
13.	UNKNOWN	25.80	1000	J
14.	UNKNOWN	25.87	1400	J
15.	UNKNOWN	25.98	1400	J
16.	UNKNOWN	26.26	1800	J
17.	UNKNOWN	26.72	930	J
18.	UNKNOWN	26.80	2200	J
19.	UNKNOWN	27.42	940	J
20.	UNKNOWN	27.51	850	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2775

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112516

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP085

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	170	J Q
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	73	J Q
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2775

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112516

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP085

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	79	J Q
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	210	J Q
206-44-0	Fluoranthene	57	J
129-00-0	Pyrene	61	J
85-68-7	Butylbenzylphthalate	190	J
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	43	J Q
218-01-9	Chrysene	52	J
117-81-7	bis(2-Ethylhexyl)phthalate	360	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2775

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112516

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP085

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

Number TICs found: 25

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	5.04	120	JN
2.		~~UNKNOWN~~	~~5.28~~	~~160~~	~~JB~~
3.		UNKNOWN	6.86	150	JN
4.		UNKNOWN	9.81	130	J
5.		UNKNOWN	10.62	85	J
6.	571-61-9	NAPHTHALENE, 1,5-DIMETHYL-	11.67	83	NJ
7.	573-98-8	NAPHTHALENE, 1,2-DIMETHYL-	11.85	120	NJ
8.	582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	11.89	120	NJ
9.		UNKNOWN	12.10	94	JN
10.		UNKNOWN	12.26	290	JN
11.	2131-41-1	NAPHTHALENE, 1,4,5-TRIMETHYL	13.20	79	NJ
12.		UNKNOWN	13.40	96	JN
13.		UNKNOWN	13.89	85	J
14.		UNKNOWN	14.44	260	J
15.		UNKNOWN	15.05	370	J
16.		UNKNOWN	16.37	86	J
17.		UNKNOWN	17.06	92	J
18.		UNKNOWN	17.63	81	J
19.	57-10-3	N-HEXADECANOIC ACID	17.78	130	NJ
20.		UNKNOWN	17.89	340	J
21.		UNKNOWN	18.32	270	J
22.		UNKNOWN	18.50	230	J
23.		UNKNOWN	18.56	230	J
24.	69009-90-1	1,1'-BIPHENYL, BIS(1-METHYLE	19.06	8300	NJ
25.	483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.12	950	NJ
26.					
27.					
28.					
29.					
30.					

FORM I SV-TIC

OLM04.3

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2776

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112517

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP095

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 10 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	53	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	920	U
83-32-9	Acenaphthene	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2776

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112517

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP095

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 10 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	920	U JK
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	120	J Q
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	140	J Q
206-44-0	Fluoranthene	280	J
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	93	J
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	150	J Q
218-01-9	Chrysene	190	J Q
117-81-7	bis(2-Ethylhexyl)phthalate	460	
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	140	J Q
207-08-9	Benzo(k)fluoranthene	110	J
50-32-8	Benzo(a)pyrene	91	J
193-39-5	Indeno(1,2,3-cd)pyrene	92	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U JK

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2776

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112517

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP095

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 10 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

Number TICs found: 29

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.28~~	~~200~~	~~JB~~
2.	UNKNOWN	6.10	110	J
3.	UNKNOWN	6.19	160	J
4.	UNKNOWN	6.89	98	J
5.	UNKNOWN	6.91	110	J
6.	UNKNOWN	13.95	90	J
7.	UNKNOWN	15.05	99	J
8.	UNKNOWN	17.40	280	J
9.	UNKNOWN	17.63	250	J
10.	UNKNOWN	17.91	400	J
11.	UNKNOWN	18.33	970	J
12.	UNKNOWN	18.56	190	J
13.	UNKNOWN	18.69	180	J
14.	UNKNOWN	18.95	160	J
15.	UNKNOWN	19.06	4000	J
16. 506-12-7	HEPTADECANOIC ACID	19.62	290	NJ
17. 483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.14	5200	NJ
18.	UNKNOWN	25.37	750	J
19.	UNKNOWN	25.62	1200	J
20.	UNKNOWN	25.80	730	J
21.	UNKNOWN	25.97	950	J
22.	UNKNOWN	26.21	880	J
23.	UNKNOWN	26.26	1200	J
24.	UNKNOWN	26.81	1400	J
25.	UNKNOWN	27.43	580	J
26.	UNKNOWN	27.51	370	J
27.	UNKNOWN	27.88	410	J
28.	UNKNOWN	28.02	380	J
29.	UNKNOWN	28.48	310	J
30.				

FORM I SV-TIC

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2777

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112518

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP100

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2100	U
108-95-2	Phenol	2100	U
111-44-4	bis(2-Chloroethyl)Ether	2100	U
95-57-8	2-Chlorophenol	2100	U
95-48-7	2-Methylphenol	2100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2100	U
98-86-2	Acetophenone	2100	U
106-44-5	4-Methylphenol	2100	U
621-64-7	N-Nitroso-di-n-propylamine	2100	U
67-72-1	Hexachloroethane	2100	U
98-95-3	Nitrobenzene	2100	U
78-59-1	Isophorone	2100	U
88-75-5	2-Nitrophenol	2100	U
105-67-9	2,4-Dimethylphenol	2100	U
111-91-1	bis(2-Chloroethoxy)methane	2100	U
120-83-2	2,4-Dichlorophenol	2100	U
91-20-3	Naphthalene	2100	U
106-47-8	4-Chloroaniline	2100	U
87-68-3	Hexachlorobutadiene	2100	U
105-60-2	Caprolactam	2100	U
59-50-7	4-Chloro-3-methylphenol	2100	U
91-57-6	2-Methylnaphthalene	2100	U
77-47-4	Hexachlorocyclopentadiene	2100	U
88-06-2	2,4,6-Trichlorophenol	2100	U
95-95-4	2,4,5-Trichlorophenol	5200	U
92-52-4	1,1'-Biphenyl	2100	U
91-58-7	2-Chloronaphthalene	2100	U
88-74-4	2-Nitroaniline	5200	U
131-11-3	Dimethylphthalate	2100	U
606-20-2	2,6-Dinitrotoluene	2100	U
208-96-8	Acenaphthylene	2100	U
99-09-2	3-Nitroaniline	5200	U
83-32-9	Acenaphthene	2100	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2777

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112518

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP100

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	5200	UJK
100-02-7	4-Nitrophenol	5200	U
132-64-9	Dibenzofuran	2100	U
121-14-2	2,4-Dinitrotoluene	2100	U
84-66-2	Diethylphthalate	2100	U
86-73-7	Fluorene	2100	U
7005-72-3	4-Chlorophenyl-phenylether	2100	U
100-01-6	4-Nitroaniline	5200	U
534-52-1	4,6-Dinitro-2-methylphenol	5200	U
86-30-6	N-Nitrosodiphenylamine (1)	2100	U
101-55-3	4-Bromophenyl-phenylether	2100	U
118-74-1	Hexachlorobenzene	2100	U
1912-24-9	Atrazine	2100	U
87-86-5	Pentachlorophenol	5200	U
85-01-8	Phenanthrene	2100	U
120-12-7	Anthracene	2100	U
86-74-8	Carbazole	2100	U
84-74-2	Di-n-butylphthalate	2100	U
206-44-0	Fluoranthene	2100	U
129-00-0	Pyrene	2100	U
85-68-7	Butylbenzylphthalate	2100	U
91-94-1	3,3'-Dichlorobenzidine	2100	U
56-55-3	Benzo(a)anthracene	2100	U
218-01-9	Chrysene	2100	U
117-81-7	bis(2-Ethylhexyl)phthalate	2100	U
117-84-0	Di-n-octylphthalate	2100	U
205-99-2	Benzo(b)fluoranthene	2100	U
207-08-9	Benzo(k)fluoranthene	2100	U
50-32-8	Benzo(a)pyrene	2100	U
193-39-5	Indeno(1,2,3-cd)pyrene	2100	U
53-70-3	Dibenzo(a,h)anthracene	2100	U
191-24-2	Benzo(g,h,i)perylene	2100	UJK

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2777

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112518

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP100

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	24.92	1000	J
2.	UNKNOWN	25.62	850	J
3.	UNKNOWN	25.80	930	J
4.	UNKNOWN	25.86	1300	J
5.	UNKNOWN	25.96	1200	J
6.	UNKNOWN	26.26	1400	J
7.	UNKNOWN	26.43	1500	J
8.	UNKNOWN	26.80	1800	J
9.	UNKNOWN	27.43	1100	J
10.	UNKNOWN	27.51	1100	J
11.				
12.				
13.				
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2778

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112519

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP086

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 11 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2778

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112519

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP086

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 11 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	220	J Q
120-12-7	Anthracene	52	J Q
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	280	J Q
206-44-0	Fluoranthene	270	J
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	170	J
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	170	J Q
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	140	J Q
207-08-9	Benzo(k)fluoranthene	130	J
50-32-8	Benzo(a)pyrene	140	J
193-39-5	Indeno(1,2,3-cd)pyrene	71	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2778

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112519

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP086

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 11 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.06	110	J
2.	~~UNKNOWN~~	~~5.28~~	~~160~~	~~JB~~
3.	UNKNOWN	6.88	150	J
4.	UNKNOWN	16.37	120	J
5.	UNKNOWN	17.69	86	J
6.	UNKNOWN	17.78	140	J
7.	UNKNOWN	18.67	170	J
8.	UNKNOWN	18.94	100	J
9.	UNKNOWN	19.60	79	J
10.	UNKNOWN	21.47	120	J
11.	UNKNOWN	23.74	290	J
12.	UNKNOWN	25.59	250	J
13.	UNKNOWN	25.78	190	J
14.	UNKNOWN	25.84	260	J
15.	UNKNOWN	25.94	310	J
16.	UNKNOWN	26.23	430	J
17.	UNKNOWN	26.41	230	J
18.	UNKNOWN	26.78	510	J
19.	UNKNOWN	27.40	270	J
20.	UNKNOWN	27.48	200	J
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

FORM I SV-TIC

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2779

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112520

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP084

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 12 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	150	J Q
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	73	J Q
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	110	J Q

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2779

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112520

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP084

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 12 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	47	J Q
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	120	J Q
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	950	
120-12-7	Anthracene	180	J Q
86-74-8	Carbazole	110	J
84-74-2	Di-n-butylphthalate	87	J
206-44-0	Fluoranthene	640	
129-00-0	Pyrene	660	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	270	J Q
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	240	J Q
207-08-9	Benzo(k)fluoranthene	170	J
50-32-8	Benzo(a)pyrene	170	J
193-39-5	Indeno(1,2,3-cd)pyrene	80	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2779

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112520

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP084

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 12 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.9 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.27~~	~~350~~	~~JB~~
2.		UNKNOWN	14.44	200	J
3.		UNKNOWN	15.05	360	J
4.		UNKNOWN	16.05	170	J
5.	832-69-9	PHENANTHRENE, 1-METHYL-	17.16	170	NJ
6.		UNKNOWN	18.02	240	J
7.		UNKNOWN	19.61	270	J
8.		UNKNOWN	19.82	420	J
9.		UNKNOWN	20.11	210	J
10.		UNKNOWN	20.66	450	J
11.	511-15-9	2-PHENANTHRENOL, 4B,5,6,7,8,	20.95	650	NJ
12.		UNKNOWN	21.11	190	J
13.		UNKNOWN	23.74	630	J
14.		UNKNOWN	24.63	260	J
15.		UNKNOWN	24.69	380	J
16.		UNKNOWN	25.77	270	J
17.		UNKNOWN	26.22	410	J
18.		UNKNOWN	26.41	390	J
19.	53584-60-4	28-NOR-17.ALPHA.(H)-HOPANE	26.77	760	NJ
20.		UNKNOWN	27.03	270	J
21.		UNKNOWN	27.40	300	J
22.		UNKNOWN	29.18	530	J
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM I SV-TIC OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2780

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112529

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP153

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 12 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2780

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112529

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP153

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 12 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	38	JQ
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	62	JQ
129-00-0	Pyrene	75	JQ
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	41	JQ
218-01-9	Chrysene	45	J
117-81-7	bis(2-Ethylhexyl)phthalate	340	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2780

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112529

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP153

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 12 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.17~~	~~180~~	~~JB~~
2.	UNKNOWN	6.76	150	J
3.	UNKNOWN	19.88	130	J
4.	UNKNOWN	20.58	96	J
5.	UNKNOWN	20.82	130	J
6.	UNKNOWN	23.63	690	J
7.	UNKNOWN	24.43	350	J
8.	UNKNOWN	24.50	540	J
9.	UNKNOWN	24.56	550	J
10.	UNKNOWN	25.46	560	J
11.	UNKNOWN	25.70	780	J
12.	UNKNOWN	25.81	900	J
13.	UNKNOWN	26.06	540	J
14.	UNKNOWN	26.09	880	J
15.	UNKNOWN	26.63	1100	J
16.	UNKNOWN	27.27	450	J
17.	UNKNOWN	27.34	360	J
18.	UNKNOWN	27.75	360	J
19.				
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2781

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP142

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

Bis(2-ethylhexyl)phthalate concentration from dilution run (11/24/03 4x dil)

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2781

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP142

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	920	
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	40	J
117-81-7	bis(2-Ethylhexyl)phthalate	6000 ~~7100~~	~~E~~
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2781

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112530

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP142

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.18~~	~~210~~	~~JB~~
2.		UNKNOWN	5.86	250	J N
3.		UNKNOWN	6.78	210	J
4.		UNKNOWN	14.97	170	J
5.		UNKNOWN	16.06	190	J
6.		UNKNOWN	16.40	80	J
7.		UNKNOWN	16.90	100	J
8.		UNKNOWN	17.80	240	J
9.		UNKNOWN	18.23	180	J
10.	69009-90-1	1,1'-BIPHENYL, BIS(1-METHYLE	18.96	1400	NJ
11.	483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.03	660	NJ
12.		UNKNOWN	23.36	490	J N
13.		UNKNOWN	26.15	630	J
14.		UNKNOWN	26.33	670	J
15.		UNKNOWN	26.69	840	J
16.		UNKNOWN	26.95	450	J
17.		UNKNOWN	27.32	420	J
18.		UNKNOWN	28.62	750	J
19.					
20.					
21.					
22.					
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FORM I SV-TIC OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2781DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP152

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1500	U
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
95-48-7	2-Methylphenol	1500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1500	U
98-86-2	Acetophenone	1500	U
106-44-5	4-Methylphenol	1500	U
621-64-7	N-Nitroso-di-n-propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
105-60-2	Caprolactam	1500	U
59-50-7	4-Chloro-3-methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	3800	U
92-52-4	1,1'-Biphenyl	1500	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethylphthalate	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
208-96-8	Acenaphthylene	1500	U
99-09-2	3-Nitroaniline	3800	U
83-32-9	Acenaphthene	1500	U

use this conc. for bis(2-ethylhexyl) phthalate only -

FORM I SV-1 OLM04.3

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2781DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP152

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3800	U
100-02-7	4-Nitrophenol	3800	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
86-73-7	Fluorene	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
100-01-6	4-Nitroaniline	3800	U
534-52-1	4,6-Dinitro-2-methylphenol	3800	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
1912-24-9	Atrazine	1500	U
87-86-5	Pentachlorophenol	3800	U
85-01-8	Phenanthrene	1500	U
120-12-7	Anthracene	1500	U
86-74-8	Carbazole	1500	U
84-74-2	Di-n-butylphthalate	1500	U
206-44-0	Fluoranthene	1500	U
129-00-0	Pyrene	1500	U
85-68-7	Butylbenzylphthalate	930	~~B~~J
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)anthracene	1500	U
218-01-9	Chrysene	1500	U
117-81-7	bis(2-Ethylhexyl)phthalate	6000	~~B~~
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo(b)fluoranthene	1500	U
207-08-9	Benzo(k)fluoranthene	1500	U
50-32-8	Benzo(a)pyrene	1500	U
193-39-5	Indeno(1,2,3-cd)pyrene	1500	U
53-70-3	Dibenzo(a,h)anthracene	1500	U
191-24-2	Benzo(g,h,i)perylene	1500	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2781DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112530DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP152

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

Number TICs found: 14

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	6.79	310	~~JD~~ N
2.		UNKNOWN	18.91	1500	~~JD~~ N
3.	483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	19.98	740	NJD
4.		UNKNOWN	21.35	390	JD N
5.		UNKNOWN	23.30	630	JD
6.		UNKNOWN	24.32	870	JD
7.		UNKNOWN	25.80	860	JD
8.		UNKNOWN	26.08	1100	JD
9.		UNKNOWN	26.28	960	JD
10.		UNKNOWN	26.63	1200	JD
11.		UNKNOWN	26.89	540	JD
12.		UNKNOWN	27.26	650	JD
13.		UNKNOWN	27.74	710	JD
14.		UNKNOWN	28.56	1000	JD
15.					
16.					
17.					
18.					
19.					
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FORM I SV-TIC OLM03.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2782

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112531

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP138

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2782

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112531

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP138

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	72	JQ
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	68	JQ
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	58	JQ
117-81-7	bis(2-Ethylhexyl)phthalate	740	
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2782

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112531

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP138

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.6 Extraction: (Type) SONC

Number TICs found: 23

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	14.97	160	J
2.		UNKNOWN	16.06	160	J
3.		UNKNOWN	17.53	280	J
4.		UNKNOWN	17.72	140	J
5.		UNKNOWN	17.80	420	J
6.		UNKNOWN	18.22	510	J
7.		UNKNOWN	18.46	250	J
8.		UNKNOWN	18.59	140	J
9.		UNKNOWN	18.80	170	J
10.		UNKNOWN	18.96	1500	J
11.		UNKNOWN	20.02	3100	J
12.	1000104-10-8	3-METHYL-4-(METHOXYCARBONYL)	20.58	370	NJ
13.		UNKNOWN	21.39	500	J
14.		UNKNOWN	22.93	590	J
15.		UNKNOWN	24.48	220	J
16.		UNKNOWN	24.54	320	J
17.		UNKNOWN	24.60	360	J
18.		UNKNOWN	25.50	280	J
19.		UNKNOWN	25.85	330	J
20.		UNKNOWN	26.67	570	J
21.		UNKNOWN	26.94	260	J
22.		UNKNOWN	27.30	250	J
23.		UNKNOWN	28.12	410	J
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM I SV-TIC

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2783

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112532

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP160

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 18 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	4000	U
108-95-2	Phenol	4000	U
111-44-4	bis(2-Chloroethyl)Ether	4000	U
95-57-8	2-Chlorophenol	4000	U
95-48-7	2-Methylphenol	4000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	4000	U
98-86-2	Acetophenone	4000	U
106-44-5	4-Methylphenol	4000	U
621-64-7	N-Nitroso-di-n-propylamine	4000	U
67-72-1	Hexachloroethane	4000	U
98-95-3	Nitrobenzene	4000	U
78-59-1	Isophorone	4000	U
88-75-5	2-Nitrophenol	4000	U
105-67-9	2,4-Dimethylphenol	4000	U
111-91-1	bis(2-Chloroethoxy)methane	4000	U
120-83-2	2,4-Dichlorophenol	4000	U
91-20-3	Naphthalene	4000	U
106-47-8	4-Chloroaniline	4000	U
87-68-3	Hexachlorobutadiene	4000	U
105-60-2	Caprolactam	4000	U
59-50-7	4-Chloro-3-methylphenol	4000	U
91-57-6	2-Methylnaphthalene	4000	U
77-47-4	Hexachlorocyclopentadiene	4000	U
88-06-2	2,4,6-Trichlorophenol	4000	U
95-95-4	2,4,5-Trichlorophenol	10000	U
92-52-4	1,1'-Biphenyl	4000	U
91-58-7	2-Chloronaphthalene	4000	U
88-74-4	2-Nitroaniline	10000	U
131-11-3	Dimethylphthalate	4000	U
606-20-2	2,6-Dinitrotoluene	4000	U
208-96-8	Acenaphthylene	4000	U
99-09-2	3-Nitroaniline	10000	U
83-32-9	Acenaphthene	4000	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2783

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112532

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP160

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 18 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	10000	U
100-02-7	4-Nitrophenol	10000	U
132-64-9	Dibenzofuran	4000	U
121-14-2	2,4-Dinitrotoluene	4000	U
84-66-2	Diethylphthalate	4000	U
86-73-7	Fluorene	4000	U
7005-72-3	4-Chlorophenyl-phenylether	4000	U
100-01-6	4-Nitroaniline	10000	U
534-52-1	4,6-Dinitro-2-methylphenol	10000	U
86-30-6	N-Nitrosodiphenylamine (1)	4000	U
101-55-3	4-Bromophenyl-phenylether	4000	U
118-74-1	Hexachlorobenzene	4000	U
1912-24-9	Atrazine	4000	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	4000	U
120-12-7	Anthracene	4000	U
86-74-8	Carbazole	4000	U
84-74-2	Di-n-butylphthalate	4000	U
206-44-0	Fluoranthene	4000	U
129-00-0	Pyrene	4000	U
85-68-7	Butylbenzylphthalate	480	JQ
91-94-1	3,3'-Dichlorobenzidine	4000	U
56-55-3	Benzo(a)anthracene	4000	U
218-01-9	Chrysene	4000	U
117-81-7	bis(2-Ethylhexyl)phthalate	480	JQ
117-84-0	Di-n-octylphthalate	4000	U
205-99-2	Benzo(b)fluoranthene	4000	U
207-08-9	Benzo(k)fluoranthene	4000	U
50-32-8	Benzo(a)pyrene	4000	U
193-39-5	Indeno(1,2,3-cd)pyrene	4000	U
53-70-3	Dibenzo(a,h)anthracene	4000	U
191-24-2	Benzo(g,h,i)perylene	4000	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2783

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112532

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP160

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 18 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	21.05	810	J
2.		UNKNOWN	22.64	1200	J
3.		UNKNOWN	23.64	11000	J
4.		UNKNOWN	24.16	8800	J
5.		UNKNOWN	24.51	7800	J
6.		UNKNOWN	24.59	8500	J
7.		UNKNOWN	25.48	6000	J
8.		UNKNOWN	25.72	8800	J
9.		UNKNOWN	25.78	4800	J
10.		UNKNOWN	25.82	6900	J
11.		UNKNOWN	26.11	10000	J
12.		UNKNOWN	26.31	10000	J
13.		UNKNOWN	26.66	9000	J
14.		UNKNOWN	27.28	5300	J
15.		UNKNOWN	27.36	4100	J
16.					
17.					
18.					
19.					
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21.					
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FORM I SV-TIC

OLM03.2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2784

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112533

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP155

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 9 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	910	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	910	U
83-32-9	Acenaphthene	360	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2784

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112533

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP155

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 9 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	910	U
534-52-1	4,6-Dinitro-2-methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	910	U
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	52	J
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	53	J
206-44-0	Fluoranthene	260	J
129-00-0	Pyrene	270	J
85-68-7	Butylbenzylphthalate	45	J
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	160	J
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	450	
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	120	J
207-08-9	Benzo(k)fluoranthene	100	J
50-32-8	Benzo(a)pyrene	100	J
193-39-5	Indeno(1,2,3-cd)pyrene	77	J
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2784

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112533

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP155

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 9 Decanted: (Y/N) N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.9 Extraction: (Type) SONC

Number TICs found: 22

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.17~~	~~170~~	~~JB~~
2.		UNKNOWN	6.79	89	J N
3.		UNKNOWN	12.62	85	J
4.		UNKNOWN	13.78	92	J
5.		UNKNOWN	14.94	75	J
6.		UNKNOWN	15.94	76	J
7.		UNKNOWN	16.02	75	J
8.	779-02-2	ANTHRACENE, 9-METHYL-	17.10	79	NJ
9.		UNKNOWN	17.90	110	J N
10.		UNKNOWN	20.83	290	J
11.		UNKNOWN	23.63	510	J
12.		UNKNOWN	24.45	250	J
13.	1000147-83-1	5A,8B,9A,14B,17A,20R-CHOLEST	24.51	430	NJ
14.	1000147-83-1	5A,8B,9A,14B,17A,20R-CHOLEST	24.57	370	NJ
15.	481-21-0	CHOLESTANE	25.47	460	NJ
16.		UNKNOWN	25.82	520	J N
17.		UNKNOWN	26.10	580	J
18.		UNKNOWN	26.65	710	J
19.		UNKNOWN	27.28	300	J
20.		UNKNOWN	27.35	200	J
21.		UNKNOWN	27.86	210	J
22.		UNKNOWN	29.06	470	J
23.					
24.					
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FORM I SV-TIC OLM04.2

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2785

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112534

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP154

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2785

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112534

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP154

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 19 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.7 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	68	J Q
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	92	J Q
129-00-0	Pyrene	110	J
85-68-7	Butylbenzylphthalate	53	J
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	80	J Q
218-01-9	Chrysene	100	J Q
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	69	J Q
207-08-9	Benzo(k)fluoranthene	51	J
50-32-8	Benzo(a)pyrene	58	J
193-39-5	Indeno(1,2,3-cd)pyrene	46	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2785

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112534

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP154

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 19 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.7 Extraction: (Type) SONC

Number TICs found: 19

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.15~~	~~200~~	~~JB~~
2.	UNKNOWN	6.78	100	J N
3.	UNKNOWN	14.32	84	J
4.	UNKNOWN	16.03	200	J
5.	UNKNOWN	17.90	99	J
6.	UNKNOWN	23.31	320	J
7.	UNKNOWN	23.63	610	J
8.	UNKNOWN	24.32	440	J
9.	UNKNOWN	24.44	340	J
10.	UNKNOWN	24.51	530	J
11.	UNKNOWN	24.56	450	J
12.	UNKNOWN	25.46	610	J
13.	UNKNOWN	25.65	680	J
14.	UNKNOWN	25.82	650	J
15.	UNKNOWN	26.10	610	J
16.	UNKNOWN	26.29	670	J
17.	UNKNOWN	26.64	820	J
18.	UNKNOWN	27.27	330	J
19.	UNKNOWN	29.05	2100	J
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP156

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	380	U

butyl benzyl phthalate concentration the same as the dilution run (11/24/03 [illegible])

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP156

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	65	J Q
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	58	J Q
206-44-0	Fluoranthene	62	J
129-00-0	Pyrene	95	J
85-68-7	Butylbenzylphthalate	6100	~~J~~
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	48	J Q
218-01-9	Chrysene	98	J Q
117-81-7	bis(2-Ethylhexyl)phthalate	930	
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	40	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2787

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP156

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.0 Extraction: (Type) SONC

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.12	260	J
2.	UNKNOWN	5.99	120	J
3.	UNKNOWN	11.28	98	J
4. 483-77-2	NAPHTHALENE, 1,2,3,4-TETRAHY	13.00	150	NJ
5.	UNKNOWN	14.93	130	J
6.	UNKNOWN	15.53	290	J
7.	UNKNOWN	17.79	530	J
8.	UNKNOWN	18.20	1300	J
9.	UNKNOWN	18.44	290	J
10. 69009-90-1	1,1'-BIPHENYL, BIS(1-METHYLE	18.94	2000	NJ
11. 483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.01	3700	NJ
12.	UNKNOWN	23.34	480	J
13.	UNKNOWN	24.53	620	J
14. 481-21-0	CHOLESTANE	24.77	740	NJ
15.	UNKNOWN	25.49	700	J
16.	UNKNOWN	26.14	710	J
17.	UNKNOWN	26.33	710	J
18.	UNKNOWN	26.68	1100	J
19.	UNKNOWN	27.30	490	J
20. 638-95-9	.ALPHA.-AMYRIN	28.16	1700	NJ
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FORM I SV-TIC OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112536DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP161

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 11.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1500	U
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)Ether	1500	U
95-57-8	2-Chlorophenol	1500	U
95-48-7	2-Methylphenol	1500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1500	U
98-86-2	Acetophenone	1500	U
106-44-5	4-Methylphenol	1500	U
621-64-7	N-Nitroso-di-n-propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
105-60-2	Caprolactam	1500	U
59-50-7	4-Chloro-3-methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
95-95-4	2,4,5-Trichlorophenol	3900	U
92-52-4	1,1'-Biphenyl	1500	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	3900	U
131-11-3	Dimethylphthalate	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
208-96-8	Acenaphthylene	1500	U
99-09-2	3-Nitroaniline	3900	U
83-32-9	Acenaphthene	1500	U

Use this min for butylbenzyl phthalate only -

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP161

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 11.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3900	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
86-73-7	Fluorene	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
100-01-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-methylphenol	3900	U
86-30-6	N-Nitrosodiphenylamine (1)	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
1912-24-9	Atrazine	1500	U
87-86-5	Pentachlorophenol	3900	U
85-01-8	Phenanthrene	1500	U
120-12-7	Anthracene	1500	U
86-74-8	Carbazole	1500	U
84-74-2	Di-n-butylphthalate	1500	U
206-44-0	Fluoranthene	1500	U
129-00-0	Pyrene	1500	U
85-68-7	Butylbenzylphthalate	6100	~~U~~
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)anthracene	1500	U
218-01-9	Chrysene	1500	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	~~U~~J
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo(b)fluoranthene	1500	U
207-08-9	Benzo(k)fluoranthene	1500	U
50-32-8	Benzo(a)pyrene	1500	U
193-39-5	Indeno(1,2,3-cd)pyrene	1500	U
53-70-3	Dibenzo(a,h)anthracene	1500	U
191-24-2	Benzo(g,h,i)perylene	1500	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

J2787DL

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112536DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP161

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/19/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/24/03

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 11.0 Extraction: (Type) SONC

Number TICs found: 13

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	17.79	650	JD
2.		UNKNOWN	18.21	1500	JD
3.		UNKNOWN	18.45	370	JD
4.		UNKNOWN	18.84	340	JD
5.	69009-90-1	1,1'-BIPHENYL, BIS(1-METHYLE	18.94	2400	NJD
6.		UNKNOWN	19.44	390	JD
7.		UNKNOWN	19.72	720	JD
8.	483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.01	4000	NJD
9.	14982-53-7	CHOLESTANE	24.76	1900	NJD
10.		UNKNOWN	25.48	1700	JD
11.		UNKNOWN	26.31	1900	JD
12.		UNKNOWN	26.67	2600	JD
13.		UNKNOWN	28.14	3300	JD
14.					
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2789

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112549

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP113

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

OLM04.3

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2789

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112549

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP113

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U JK
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U JK
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
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2789

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112549

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP113

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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FORM I SV-TIC

OLM04.

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2790

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112550

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP114

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	UK
83-32-9	Acenaphthene	10	U

FORM I SV-1

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2790

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112550

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP114

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	UJK
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	UJK
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
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2790

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112550

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP114

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 6

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	20.41	8	J
2.	UNKNOWN	28.93	5	J
3.	UNKNOWN	28.98	4	J
4.	UNKNOWN	30.10	22	J
5.	UNKNOWN	31.59	8	J
6.	UNKNOWN	31.64	14	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2791

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112551

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP115

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	UJK
83-32-9	Acenaphthene	10	U

1D.

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

J2791

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 —

Matrix: (soil/water) WATER Lab Sample ID: 03112551

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP115

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U JK
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U JK
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
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2791

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112551

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP115

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	20.42	10	J N
2.		UNKNOWN	23.93	6	J
3.		UNKNOWN	27.87	4	J
4.		UNKNOWN	28.45	8	J
5.		UNKNOWN	28.93	20	J
6.		UNKNOWN	28.97	15	J
7.		UNKNOWN	30.09	83	J
8.		UNKNOWN	30.76	4	J
9.		UNKNOWN	31.63	48	J
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FORM I SV-TIC OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2792

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112552

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP116

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	UJK
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2792

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112552

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP116

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	UJK
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	UJK
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
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2 OLM04.3

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2792

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112552

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP116

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1000149-13-7	CHOLEST-3,5-DIENO(3,4-D)-2'-	27.21	6	NJ
2.		UNKNOWN	27.48	6	J
3.		UNKNOWN	28.48	48	J
4.		UNKNOWN	30.74	10	J
5.		UNKNOWN	31.00	4	J
6.					
7.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2793

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112538

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP133

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 17 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	400	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	400	U
606-20-2	2,6-Dinitrotoluene	400	U
208-96-8	Acenaphthylene	400	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	400	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2793

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112538

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP133

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 17 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
86-73-7	Fluorene	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2793

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112538

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP133

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 11/19/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/21/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.8 Extraction: (Type) SONC

Number TICs found: 9

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.19~~	~~200~~	~~JB~~
2.	UNKNOWN	23.65	120	J
3.	UNKNOWN	24.64	98	J
4.	UNKNOWN	25.78	83	J
5.	UNKNOWN	25.99	95	J
6.	UNKNOWN	27.74	170	J
7.	UNKNOWN	28.16	100	J
8.	UNKNOWN	28.49	100	J
9.	UNKNOWN	28.61	81	J
10.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2794

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112539

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP134

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 24 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2794

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112539

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP134

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 24 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	430	U
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2794

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112539

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP134

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 24 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.20~~	~~180~~	~~JB~~
2.		UNKNOWN	23.65	89	J
3.		UNKNOWN	24.64	100	J
4.		UNKNOWN	27.74	100	J
5.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2795

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 –

Matrix: (soil/water) WATER Lab Sample ID: 03112553

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP117

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	UJK
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2795

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 –

Matrix: (soil/water) WATER Lab Sample ID: 03112553

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP117

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	UJK
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	UJK
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
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2795

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 –

Matrix: (soil/water) WATER Lab Sample ID: 03112553

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP117

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I SV-TIC

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2796

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112540

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP136

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2796

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112540

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP136

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	430	U
117-81-7	bis(2-Ethylhexyl)phthalate	44	J Q
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	430	U
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

J2796

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112540

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP136

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 23 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

Number TICs found: 14

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.17~~	~~280~~	~~JB~~
2.	18172-67-3	BICYCLO[3.1.1]HEPTANE, 6,6-D	5.25	480	NJ
3.		UNKNOWN	5.59	180	J
4.		UNKNOWN	5.86	230	J
5.		UNKNOWN	6.14	290	J
6.		UNKNOWN	17.34	100	J
7.		UNKNOWN	24.61	99	J
8.		UNKNOWN	24.65	160	J
9.		UNKNOWN	25.78	190	J
10.		UNKNOWN	25.99	130	J
11.		UNKNOWN	26.26	120	J
12.		UNKNOWN	27.06	180	J
13.		UNKNOWN	28.49	100	J
14.		UNKNOWN	28.60	100	J
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2797

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112541

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP135

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2797

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112541

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP135

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	100	J Q
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J2797

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112541

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP135

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

Number TICs found: 29

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.22~~	~~170~~	~~JB~~
2.		~~UNKNOWN~~	~~5.26~~	~~200~~	~~JB~~
3.	52663-58-8	1,1'-BIPHENYL, 2,3,4',6-TETR	17.55	290	NJ
4.		UNKNOWN	17.96	140	J
5.	32598-11-1	1,1'-BIPHENYL, 2,3',4',5-TET	18.69	220	NJ
6.	37680-73-2	1,1'-BIPHENYL, 2,2',4,5,5'-P	18.77	410	NJ
7.	37680-73-2	1,1'-BIPHENYL, 2,2',4,5,5'-P	19.08	150	NJ
8.	70424-70-3	1,1'-BIPHENYL, 2',3,4,5,5'-P	19.19	760	NJ
9.	68194-06-9	1,1'-BIPHENYL, 2,2',4,5,6'-P	19.28	260	NJ
10.	92-06-8	M-TERPHENYL	19.46	280	NJ
11.	55215-17-3	1,1'-BIPHENYL, 2,2',3,4,6-PE	19.59	210	NJ
12.	37680-73-2	1,1'-BIPHENYL, 2,2',4,5,5'-P	19.69	310	NJ
13.	26140-60-3	TERPHENYL	19.82	460	NJ
14.	56558-18-0	1,1'-BIPHENYL, 2,3',4,5',6-P	19.87	670	NJ
15.		UNKNOWN	20.09	120	J
16.	35694-06-5	1,1'-BIPHENYL, 2,2',3,4,4',5	20.31	310	NJ
17.	68194-11-6	1,1'-BIPHENYL, 2,3,4',5,6-PE	20.33	620	NJ
18.	52744-13-5	1,1'-BIPHENYL, 2,2',3,3',5,6	20.72	350	NJ
19.	38411-22-2	1,1'-BIPHENYL, 2,2',3,3',6,6	21.23	500	NJ
20.		UNKNOWN	21.73	150	J
21.		UNKNOWN	25.24	420	J
22.		UNKNOWN	25.49	360	J
23.		UNKNOWN	25.79	300	J
24.		UNKNOWN	26.13	790	J
25.		UNKNOWN	26.67	1100	J
26.		UNKNOWN	27.31	320	J
27.		UNKNOWN	27.38	230	J
28.		UNKNOWN	28.61	210	J
29.		UNKNOWN	30.11	540	J
30.					

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2798

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 –

Matrix: (soil/water) WATER Lab Sample ID: 03112554

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP118

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U JK
83-32-9	Acenaphthene	10	U

FORM I SV-1 OLM04.3

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2798

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112554

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP118

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U JK
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U JK
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
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	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	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2798

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 —

Matrix: (soil/water) WATER Lab Sample ID: 03112554

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP118

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2799

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112542

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP137

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 28 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	460	U
108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethyl)Ether	460	U
95-57-8	2-Chlorophenol	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-oxybis(1-Chloropropane)	460	U
98-86-2	Acetophenone	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitroso-di-n-propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-5	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxy)methane	460	U
120-83-2	2,4-Dichlorophenol	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
105-60-2	Caprolactam	460	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1200	U
92-52-4	1,1'-Biphenyl	460	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	460	U
606-20-2	2,6-Dinitrotoluene	460	U
208-96-8	Acenaphthylene	460	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	460	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2799

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112542

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP137

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 28 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
86-73-7	Fluorene	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
1912-24-9	Atrazine	460	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	460	U
120-12-7	Anthracene	460	U
86-74-8	Carbazole	460	U
84-74-2	Di-n-butylphthalate	53	J Q
206-44-0	Fluoranthene	460	U
129-00-0	Pyrene	460	U
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)anthracene	460	U
218-01-9	Chrysene	460	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	460	U
205-99-2	Benzo(b)fluoranthene	460	U
207-08-9	Benzo(k)fluoranthene	460	U
50-32-8	Benzo(a)pyrene	460	U
193-39-5	Indeno(1,2,3-cd)pyrene	460	U
53-70-3	Dibenzo(a,h)anthracene	460	U
191-24-2	Benzo(g,h,i)perylene	460	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2799

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 —

Matrix: (soil/water) SOIL Lab Sample ID: 03112542

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP137

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 28 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Extraction: (Type) SONC

Number TICs found: 16

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	7785-70-8	1R-.ALPHA.-PINENE	4.55	290	NJ
2.		~~UNKNOWN~~	~~5.20~~	~~220~~	~~JB~~
3.	7785-70-8	1R-.ALPHA.-PINENE	5.25	600	NJ
4.		UNKNOWN	6.84	110	J
5.		UNKNOWN	22.65	170	J
6.		UNKNOWN	25.03	300	J
7.		UNKNOWN	25.78	1900	J
8.		UNKNOWN	26.59	650	J
9.		UNKNOWN	26.86	540	J
10.		UNKNOWN	27.07	630	J
11.	629-83-4	TRIACONTANOIC ACID, METHYL E	27.79	310	NJ
12.		UNKNOWN	28.16	200	J
13.		UNKNOWN	28.27	210	J
14.		UNKNOWN	28.61	430	J
15.		UNKNOWN	28.93	160	J
16.		UNKNOWN	29.43	200	J
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18.					
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FORM I SV-TIC OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A0

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112543

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP159

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)Ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
106-44-5	4-Methylphenol	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	4900	U
92-52-4	1,1'-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	4900	U
131-11-3	Dimethylphthalate	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
208-96-8	Acenaphthylene	1900	U
99-09-2	3-Nitroaniline	4900	U
83-32-9	Acenaphthene	1900	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

J27A0

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112543

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP159

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4900	U
100-02-7	4-Nitrophenol	4900	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
86-73-7	Fluorene	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
100-01-6	4-Nitroaniline	4900	U
534-52-1	4,6-Dinitro-2-methylphenol	4900	U
86-30-6	N-Nitrosodiphenylamine (1)	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	4900	U
85-01-8	Phenanthrene	1900	U
120-12-7	Anthracene	1900	U
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	1900	U
129-00-0	Pyrene	1900	U
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	1900	U
218-01-9	Chrysene	1900	U
117-81-7	bis(2-Ethylhexyl)phthalate	1900	U
117-84-0	Di-n-octylphthalate	1900	U
205-99-2	Benzo(b)fluoranthene	1900	U
207-08-9	Benzo(k)fluoranthene	1900	U
50-32-8	Benzo(a)pyrene	1900	U
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U
53-70-3	Dibenzo(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	1900	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

J27A0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 —

Matrix: (soil/water) SOIL Lab Sample ID: 03112543

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP159

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	23.64	680	J
2.		UNKNOWN	24.52	910	J
3.		UNKNOWN	25.22	980	J
4.		UNKNOWN	25.72	800	J
5.		UNKNOWN	25.83	940	J
6.		UNKNOWN	26.11	1100	J
7.		UNKNOWN	26.30	1100	J
8.		UNKNOWN	26.65	1100	J
9.					
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FORM I SV-TIC OLM04

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112544

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP158

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1900	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)Ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900	U
98-86-2	Acetophenone	1900	U
106-44-5	4-Methylphenol	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
105-60-2	Caprolactam	1900	U
59-50-7	4-Chloro-3-methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	4800	U
92-52-4	1,1'-Biphenyl	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
208-96-8	Acenaphthylene	1900	U
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	1900	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112544

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP158

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4800	U
100-02-7	4-Nitrophenol	4800	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
86-73-7	Fluorene	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
100-01-6	4-Nitroaniline	4800	U
534-52-1	4,6-Dinitro-2-methylphenol	4800	U
86-30-6	N-Nitrosodiphenylamine (1)	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
1912-24-9	Atrazine	1900	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	1900	U
120-12-7	Anthracene	1900	U
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	1900	U
129-00-0	Pyrene	1900	U
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	1900	U
218-01-9	Chrysene	1900	U
117-81-7	bis(2-Ethylhexyl)phthalate	210	J Q
117-84-0	Di-n-octylphthalate	1900	U
205-99-2	Benzo(b)fluoranthene	1900	U
207-08-9	Benzo(k)fluoranthene	1900	U
50-32-8	Benzo(a)pyrene	1900	U
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U
53-70-3	Dibenzo(a,h)anthracene	1900	U
191-24-2	Benzo(g,h,i)perylene	1900	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

J27A1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112544

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP158

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

Number TICs found: 15

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	20.84	510	J
2.		UNKNOWN	23.32	430	J
3.		UNKNOWN	23.64	3600	J
4.		UNKNOWN	24.15	3100	J
5.		UNKNOWN	24.45	2300	J
6.		UNKNOWN	24.52	3300	J
7.		UNKNOWN	24.58	3900	J
8.		UNKNOWN	25.48	3000	J
9.		UNKNOWN	25.66	2900	J
10.		UNKNOWN	25.72	4000	J
11.		UNKNOWN	25.83	4300	J
12.		UNKNOWN	26.11	4300	J
13.		UNKNOWN	26.30	3100	J
14.		UNKNOWN	26.66	3900	J
15.		UNKNOWN	27.28	2400	J
16.					
17.					
18.					
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FORM I SV-TIC

OLM04.3

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112545

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP141

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 9 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	910	U
534-52-1	4,6-Dinitro-2-methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	910	U
85-01-8	Phenanthrene	82	J Q
120-12-7	Anthracene	360	U
86-74-8	Carbazole	76	J Q
84-74-2	Di-n-butylphthalate	87	J
206-44-0	Fluoranthene	50	J
129-00-0	Pyrene	460	
85-68-7	Butylbenzylphthalate	190	J Q
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	93	J Q
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	43	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112545

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP141

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 9 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	910	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	910	U
83-32-9	Acenaphthene	360	U

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112545

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP141

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 9 Decanted: (Y/N) N Date Extracted: 11/19/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/21/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 11.1 Extraction: (Type) SONC

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.23~~	~~150~~	~~JB~~
2.	UNKNOWN	18.24	84	J
3.	UNKNOWN	21.90	210	J
4.	UNKNOWN	22.75	410	J
5.	UNKNOWN	22.80	160	J
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FORM I SV-TIC

OLMO4.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112546

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP139

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 8 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	900	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	900	U
83-32-9	Acenaphthene	360	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112546

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP139

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 8 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	900	U
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	71	J Q
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	41	J Q
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112547

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP140

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 7 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.0 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	890	U
100-02-7	4-Nitrophenol	890	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	890	U
534-52-1	4,6-Dinitro-2-methylphenol	890	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	890	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J27A4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112547

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP140

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 7 Decanted: (Y/N) N Date Extracted:11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/21/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.0 Extraction: (Type) SONC

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.23~~	~~130~~	~~JB~~
2.	UNKNOWN	13.86	79	J
3. 123-95-5	OCTADECANOIC ACID, BUTYL EST	21.33	97	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112521

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP078

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 10 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.5 Extraction: (Type) SONC

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I SV-TIC

OLM04.2

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A6

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112522

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP092

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 14 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

Number TICs found: 10

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~	~~5.31~~	~~160~~	~~JB~~
2.		UNKNOWN	18.18	130	J
3.		UNKNOWN	19.61	93	J
4.		UNKNOWN	20.67	98	J
5.	53584-60-4	28-NOR-17.ALPHA.(H)-HOPANE	26.78	300	NJ
6.		UNKNOWN	27.40	220	J
7.		UNKNOWN	27.86	250	J
8.		UNKNOWN	28.59	200	J
9.		UNKNOWN	28.71	330	J
10.		UNKNOWN	31.35	320	J
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FORM I SV-TIC OLM04.3

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A7

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112523

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP097

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)Ether	2000	U
95-57-8	2-Chlorophenol	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2000	U
98-86-2	Acetophenone	2000	U
106-44-5	4-Methylphenol	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
91-20-3	Naphthalene	4800	
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
105-60-2	Caprolactam	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	560	JQ
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	4900	U
92-52-4	1,1'-Biphenyl	780	JQ
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	4900	U
131-11-3	Dimethylphthalate	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
208-96-8	Acenaphthylene	2000	U
99-09-2	3-Nitroaniline	4900	U
83-32-9	Acenaphthene	3500	

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A7

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112523

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP097

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 16 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4900	UJK
100-02-7	4-Nitrophenol	4900	U
132-64-9	Dibenzofuran	3400	
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
86-73-7	Fluorene	3300	
7005-72-3	4-Chlorophenyl-phenylether	2000	U
100-01-6	4-Nitroaniline	4900	U
534-52-1	4,6-Dinitro-2-methylphenol	4900	U
86-30-6	N-Nitrosodiphenylamine (1)	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
1912-24-9	Atrazine	2000	U
87-86-5	Pentachlorophenol	4900	U
85-01-8	Phenanthrene	11000	
120-12-7	Anthracene	3400	
86-74-8	Carbazole	840	JQ
84-74-2	Di-n-butylphthalate	2000	U
206-44-0	Fluoranthene	3800	
129-00-0	Pyrene	2500	
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)anthracene	690	JQ
218-01-9	Chrysene	650	J
117-81-7	bis(2-Ethylhexyl)phthalate	240	J
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo(b)fluoranthene	360	JQ
207-08-9	Benzo(k)fluoranthene	410	J
50-32-8	Benzo(a)pyrene	300	J
193-39-5	Indeno(1,2,3-cd)pyrene	2000	U
53-70-3	Dibenzo(a,h)anthracene	2000	U
191-24-2	Benzo(g,h,i)perylene	2000	UJK

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A7

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112523

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP097

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 16 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 8.4 Extraction: (Type) SONC

Number TICs found: 26

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	271-17-0	CYCLOPENTA[B]THIAPYRAN	8.82	430	NJ
2.	90-12-0	NAPHTHALENE, 1-METHYL-	10.46	1300	NJ
3.	575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.68	630	NJ
4.	582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	11.86	790	NJ
5.		UNKNOWN	11.91	500	JN
6.	581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	12.12	420	NJ
7.	643-58-3	1,1'-BIPHENYL, 2-METHYL-	14.05	450	NJ
8.		UNKNOWN	14.29	720	JN
9.	7320-53-8	DIBENZOFURAN, 4-METHYL-	14.44	970	NJ
10.		UNKNOWN	14.94	460	JN
11.	5453-94-1	CYCLOHEXANECARBOXYLIC ACID,	15.74	1200	NJ
12.	832-69-9	PHENANTHRENE, 1-METHYL-	17.19	590	NJ
13.	832-69-9	PHENANTHRENE, 1-METHYL-	17.25	650	NJ
14.	1000210-52-3	NAPHTHO[2,3-B]NORBORNADIENE	17.34	420	NJ
15.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	17.41	680	NJ
16.	57-10-3	N-HEXADECANOIC ACID	17.80	940	NJ
17.	35465-71-5	2-PHENYLNAPHTHALENE	17.95	500	NJ
18.		UNKNOWN	19.33	780	JN
19.		UNKNOWN	19.63	550	J
20.		UNKNOWN	20.14	590	J
21.		UNKNOWN	21.49	540	J
22.		UNKNOWN	23.03	940	J
23.		UNKNOWN	23.28	760	J
24.		UNKNOWN	25.85	2500	J
25.		UNKNOWN	26.80	1200	J
26.		UNKNOWN	28.50	1600	J
27.					
28.					
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FORM I SV-TIC

OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2782DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112531DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 23 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/03/03

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y pH: 9.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.4	U
319-85-7	beta-BHC	4.4	U
319-86-8	delta-BHC	4.4	U
58-89-9	gamma-BHC (Lindane)	4.4	U
76-44-8	Heptachlor	4.4	U
309-00-2	Aldrin	4.4	U
1024-57-3	Heptachlor epoxide	9.0	~~PD~~ U
959-98-8	Endosulfan I	4.4	U
60-57-1	Dieldrin	13	~~D~~ U
72-55-9	4,4'-DDE	18	~~D~~ U
72-20-8	Endrin	8.6	U
33213-65-9	Endosulfan II	8.6	U
72-54-8	4,4'-DDD	26	~~PD~~ U
1031-07-8	Endosulfan sulfate	8.6	U
50-29-3	4,4'-DDT	29	~~D~~ U
72-43-5	Methoxychlor	44	U
53494-70-5	Endrin ketone	8.6	U
7421-93-4	Endrin aldehyde	8.6	U
5103-71-9	alpha-Chlordane	59	~~PD~~ JH
5103-74-2	gamma-Chlordane	67	~~D~~ JH
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	210	~~PD~~ → use first run
11096-82-5	Aroclor-1260	86	U

Use this run for alpha-chlordane only.
use this g-chlordane —

FORM I PEST

OLM04.3

1134

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2782

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112531

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 23 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 9.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.3	~~P~~ U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	9.3	~~P~~ U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	14	U
72-55-9	4,4'-DDE	19	JH
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	29	JH
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	59 ~~61~~	~~PE~~ JH
5103-74-2	gamma-Chlordane	67 ~~68~~	~~E~~ JH
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	110	
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	280 ~~210~~	~~P~~
11096-82-5	Aroclor-1260	43	U

Alpha-chlordane concentration taken from dilution run (12/03/03 2x dil)

g-chlordane from dilution run

12/10/03

FORM I PEST OLM04.3

1118

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2781

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.1	~~P~~ U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	5.0	~~P~~ U
72-55-9	4,4'-DDE	7.6	~~P~~ U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	35	
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	13	~~P~~ JH
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	13	~~P~~ JH
5103-74-2	gamma-Chlordane	17	JH
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	65 ~~38~~	~~U~~
11096-82-5	Aroclor-1260	82 ~~78~~ ~~38~~	~~U~~

FORM I PEST

OLM03.3

1112

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2780

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112529

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 12 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	~~JP~~ U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	5.2	~~P~~ U
72-55-9	4,4'-DDE	6.9	~~P~~ JH
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	26	JH
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	2.5	~~P~~ JH
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	140	
11096-82-5	Aroclor-1260	~~37~~ 53	~~U~~ JH

FORM I PEST

OLM04.3

1173

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2797DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112541DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/03/03

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	110	D
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	150 ~~38~~	UJK
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	340	D
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	38	U
7421-93-4	Endrin aldehyde	130	D
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	76	D
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	780	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	2500	DC
11096-82-5	Aroclor-1260	380	U

Use this run for 4,4'-DDE, 4,4'-DDT and Aroclor 1254 only

FORM I PEST

OLM04.3

1254

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2797

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112541

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	3.1	
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	26	~~P~~ U
959-98-8	Endosulfan I	9.1	~~P~~ U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	110 ~~130~~	~~E~~ JH
72-20-8	Endrin	28	~~P~~ JH
33213-65-9	Endosulfan II	26	~~P~~ U
72-54-8	4,4'-DDD	130 ~~3.8~~	~~U~~ JN
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	340 JH ~~3.8~~	~~U~~
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	6.7	~~P~~ JH
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U JK
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	2500 ~~2300~~	~~EC~~
11096-82-5	Aroclor-1260	38	U

missed

Aroclor 1254 concentration taken from dilution run (12/03/03 10X dil)

4,4' DDE, 4,4'-DDT conc. from dilution run (11/13/03 10X dil)

FORM I PEST

CLM04.3

1245

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2794

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112539

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 24 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	4.3	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

FORM I PEST

OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2793

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112538

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 17 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	4.0	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

FORM I PEST OLM04.3

1228

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2796

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112540

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 23 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	4.4	
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2795

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112553

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2792

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112552

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2791

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112551

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2790

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112550

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2789

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112549

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2788

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112537

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 18 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 9.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
319-84-6	alpha-BHC	2.1	U	
319-85-7	beta-BHC	2.1	U	
319-86-8	delta-BHC	2.1	U	
58-89-9	gamma-BHC (Lindane)	2.1	U	
76-44-8	Heptachlor	2.3	~~P~~	UL
309-00-2	Aldrin	2.1	U	
1024-57-3	Heptachlor epoxide	7.4	~~P~~	UL
959-98-8	Endosulfan I	2.1	U	
60-57-1	Dieldrin	7.8	~~P~~	UL
72-55-9	4,4'-DDE	4.4	~~P~~	UL
72-20-8	Endrin	4.0	U	
33213-65-9	Endosulfan II	4.0	U	
72-54-8	4,4'-DDD	38	~~P~~	JH
1031-07-8	Endosulfan sulfate	4.0	U	
50-29-3	4,4'-DDT	19		JH
72-43-5	Methoxychlor	21	U	
53494-70-5	Endrin ketone	4.0	U	
7421-93-4	Endrin aldehyde	4.0	U	
5103-71-9	alpha-Chlordane	5.3	~~P~~	JH
5103-74-2	gamma-Chlordane	2.1	U	
8001-35-2	Toxaphene	210	U	
12674-11-2	Aroclor-1016	40	U	
11104-28-2	Aroclor-1221	82	U	
11141-16-5	Aroclor-1232	40	U	
53469-21-9	Aroclor-1242	120		✓
12672-29-6	Aroclor-1248	40	U	
11097-69-1	Aroclor-1254	210		✓
11096-82-5	Aroclor-1260	40	U	

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1212

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 11.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	6.2	~~P~~ U
72-55-9	4,4'-DDE	8.4	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	29	JH
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	13	JH
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	6.1	~~P~~ JH
5103-74-2	gamma-Chlordane	8.7	~~P~~ JH
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	100 ~~74~~	~~P~~
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	99	~~P~~
11096-82-5	Aroclor-1260	38	U

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1199

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B0DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112526DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 37 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/27/03

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	27	U
319-85-7	beta-BHC	27	U
319-86-8	delta-BHC	27	U
58-89-9	gamma-BHC (Lindane)	27	U
76-44-8	Heptachlor	27	U
309-00-2	Aldrin	35	D
1024-57-3	Heptachlor epoxide	27	U
959-98-8	Endosulfan I	27	U
60-57-1	Dieldrin	610	~~U~~ JK
72-55-9	4,4'-DDE	52	U
72-20-8	Endrin	52	U
33213-65-9	Endosulfan II	52	U
72-54-8	4,4'-DDD	57	~~U~~
1031-07-8	Endosulfan sulfate	52	U
50-29-3	4,4'-DDT	52	U
72-43-5	Methoxychlor	270	U
53494-70-5	Endrin ketone	52	U
7421-93-4	Endrin aldehyde	52	U
5103-71-9	alpha-Chlordane	27	U
5103-74-2	gamma-Chlordane	27	U
8001-35-2	Toxaphene	2700	U
12674-11-2	Aroclor-1016	520	U J K
11104-28-2	Aroclor-1221	1100	U
11141-16-5	Aroclor-1232	520	U
53469-21-9	Aroclor-1242	570	~~U~~
12672-29-6	Aroclor-1248	520	U
11097-69-1	Aroclor-1254	520	U
11096-82-5	Aroclor-1260	520	U

Use this run for dieldrin only

FORM I PEST

OLM04.3

1488

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B0

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112526

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 37 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/29/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.7	U
319-85-7	beta-BHC	2.7	U
319-86-8	delta-BHC	2.7	U
58-89-9	gamma-BHC (Lindane)	2.7	U
76-44-8	Heptachlor	8.0	~~P~~ U
309-00-2	Aldrin	29	JH
1024-57-3	Heptachlor epoxide	2.7	U
959-98-8	Endosulfan I	2.7	U
60-57-1	Dieldrin	610 ~~280~~	~~E~~ JH
72-55-9	4,4'-DDE	20	~~P~~ JH
72-20-8	Endrin	5.2	U
33213-65-9	Endosulfan II	5.2	U
72-54-8	4,4'-DDD	64	JH
1031-07-8	Endosulfan sulfate	5.2	U
50-29-3	4,4'-DDT	19	~~P~~ JH
72-43-5	Methoxychlor	27	U
53494-70-5	Endrin ketone	5.2	U
7421-93-4	Endrin aldehyde	5.2	U
5103-71-9	alpha-Chlordane	6.3	~~P~~ JH
5103-74-2	gamma-Chlordane	9.5	~~P~~ U
8001-35-2	Toxaphene	270	U
12674-11-2	Aroclor-1016	52	U ~~JK~~
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	430	JH
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	370 ~~160~~	~~P~~ JH
11096-82-5	Aroclor-1260	52	U ~~JK~~

FORM I PEST OLM04.3

1473

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/27/03

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	21	~~PD~~
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	160	~~D~~
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	74	~~D~~
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	77	~~D~~
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	38	U
7421-93-4	Endrin aldehyde	38	U
5103-71-9	alpha-Chlordane	22	~~PD~~
5103-74-2	gamma-Chlordane	28	~~PD~~
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	380	U JK
11104-28-2	Aroclor-1221	770	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

Use this run for dieldrin, 4,4'-DDD + 4,4'-DDT only

FORM I PEST

OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/29/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 9.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
319-84-6	alpha-BHC		2.0	U
319-85-7	beta-BHC		19	
319-86-8	delta-BHC		2.0	U
58-89-9	gamma-BHC (Lindane)		2.0	U
76-44-8	Heptachlor		4.5	J
309-00-2	Aldrin		2.0	U
1024-57-3	Heptachlor epoxide		2.0	U
959-98-8	Endosulfan I		2.0	U
60-57-1	Dieldrin	160	~~150~~	~~E~~ JH
72-55-9	4,4'-DDE		40	
72-20-8	Endrin		7.1	~~E~~ U
33213-65-9	Endosulfan II		3.8	U
72-54-8	4,4'-DDD	74	~~80~~	~~E~~ JH
1031-07-8	Endosulfan sulfate		3.8	U
50-29-3	4,4'-DDT	77	~~75~~	~~E~~ JH
72-43-5	Methoxychlor		20	U
53494-70-5	Endrin ketone		3.8	U
7421-93-4	Endrin aldehyde		3.8	U
5103-71-9	alpha-Chlordane		20	~~E~~ JH
5103-74-2	gamma-Chlordane		23	~~P~~ JH
8001-35-2	Toxaphene		200	U
12674-11-2	Aroclor-1016		38	U JK
11104-28-2	Aroclor-1221		77	U
11141-16-5	Aroclor-1232		38	U
53469-21-9	Aroclor-1242		38	U
12672-29-6	Aroclor-1248		38	U
11097-69-1	Aroclor-1254		190	~~E~~ JH
11096-82-5	Aroclor-1260		38	U JK

dieldrin, 4,4'-DDD & 4,4'-DDT taken from dilution run 11/27/03 10x)

FORM I PEST OLM03.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A8

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 15 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/29/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 9.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.7	JH
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	6.2	~~P~~ JH
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	33	~~P~~ JH
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	11	~~P~~ JH
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	6.9	
5103-74-2	gamma-Chlordane	6.4	
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U JK
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST OLM04.3

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1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A7

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112523

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/29/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	15	~~P~~ U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	5.6	~~P~~ U
72-55-9	4,4'-DDE	5.6	~~P~~ U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	16	JH
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	6.2	~~P~~ JH
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	25	~~P~~ JH
5103-74-2	gamma-Chlordane	24	JH
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

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1447

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A6

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112522

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/29/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	15	J H
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	4.7	J H
5103-71-9	alpha-Chlordane	2.3	~~P~~ U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	88	~~P~~ J H
11096-82-5	Aroclor-1260	38	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A5

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112521

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 10 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/27/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A2

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112545

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 9 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 11.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	3.8	JH
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	4.6	JH
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	7.1	JH
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	21	JH
5103-74-2	gamma-Chlordane	22	JH
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A1

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112544

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/03/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	10	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	4.8	~~P~~ JH
5103-74-2	gamma-Chlordane	5.1	
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A4

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112547

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 7 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.5	U
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	3.5	U
33213-65-9	Endosulfan II	3.5	U
72-54-8	4,4'-DDD	3.5	U
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	3.5	U
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.5	U
7421-93-4	Endrin aldehyde	3.5	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

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1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A3

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112546

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 8 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	3.6	U
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	3.6	U
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A0

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112543

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 15 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/03/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	4.9	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2799DL

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112542DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 28 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/03/03

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.7	U
319-85-7	beta-BHC	4.7	U
319-86-8	delta-BHC	4.7	U
58-89-9	gamma-BHC (Lindane)	4.7	U
76-44-8	Heptachlor	4.7	U
309-00-2	Aldrin	4.7	U
1024-57-3	Heptachlor epoxide	7.2	PD
959-98-8	Endosulfan I	4.7	U
60-57-1	Dieldrin	9.2	U
72-55-9	4,4'-DDE	33	D
72-20-8	Endrin	9.2	U
33213-65-9	Endosulfan II	9.2	U
72-54-8	4,4'-DDD	9.2	U
1031-07-8	Endosulfan sulfate	9.2	U
50-29-3	4,4'-DDT	88	D
72-43-5	Methoxychlor	47	U
53494-70-5	Endrin ketone	9.2	U
7421-93-4	Endrin aldehyde	23	D
5103-71-9	alpha-Chlordane	4.7	U
5103-74-2	gamma-Chlordane	4.7	U
8001-35-2	Toxaphene	470	U
12674-11-2	Aroclor-1016	92	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	92	U
53469-21-9	Aroclor-1242	92	U
12672-29-6	Aroclor-1248	92	U
11097-69-1	Aroclor-1254	750	D
11096-82-5	Aroclor-1260	92	U

Use this run for 4,4'-DDE & 4,4'-DDT only

FORM I PEST OLM04.3

1272

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2799

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112542

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 28 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
319-84-6	alpha-BHC	2.4	U	
319-85-7	beta-BHC	2.4	U	
319-86-8	delta-BHC	2.4	U	
58-89-9	gamma-BHC (Lindane)	2.4	U	
76-44-8	Heptachlor	2.4	U	
309-00-2	Aldrin	2.4	U	
1024-57-3	Heptachlor epoxide	8.0	~~P~~	U
959-98-8	Endosulfan I	2.4	U	
60-57-1	Dieldrin	4.6	U	
72-55-9	4,4'-DDE	33 ~~34~~	~~P~~	JH
72-20-8	Endrin	8.2	~~P~~	JH
33213-65-9	Endosulfan II	5.6	~~P~~	U
72-54-8	4,4'-DDD	4.6	U	
1031-07-8	Endosulfan sulfate	4.6	U	
50-29-3	4,4'-DDT	88 ~~94~~	~~P~~	JH
72-43-5	Methoxychlor	24	U	
53494-70-5	Endrin ketone	4.6	U	
7421-93-4	Endrin aldehyde	7.7	~~P~~	U
5103-71-9	alpha-Chlordane	3.9	~~P~~	U
5103-74-2	gamma-Chlordane	8.2	~~P~~	U
8001-35-2	Toxaphene	240	U	
12674-11-2	Aroclor-1016	46	U	
11104-28-2	Aroclor-1221	93	U	
11141-16-5	Aroclor-1232	46	U	
53469-21-9	Aroclor-1242	46	U	
12672-29-6	Aroclor-1248	46	U	
11097-69-1	Aroclor-1254	750		U
11096-82-5	Aroclor-1260	46	U	

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2798

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112554

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

FORM I PEST

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B2

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112527

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/18/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 11/27/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.5	U
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	3.5	U
33213-65-9	Endosulfan II	3.5	U
72-54-8	4,4'-DDD	3.5	U
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	3.5	U
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.5	U
7421-93-4	Endrin aldehyde	3.5	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	71	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B1

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112548

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 11/15/03

Extraction: (Type) SONC Date Extracted: 11/20/03

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/02/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.5	U
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	3.5	U
33213-65-9	Endosulfan II	3.5	U
72-54-8	4,4'-DDD	3.5	U
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	16	
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.5	U
7421-93-4	Endrin aldehyde	3.5	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	71	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B4

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112556

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U JK
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U R
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

Use J27B4 Re run for Pest/PCBs

FORM I PEST OLM04.3

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B3

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112555

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

% Moisture: decanted: (Y/N) Date Received: 11/15/03

Extraction: (Type) CONT Date Extracted: 11/18/03

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/26/03

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	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
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	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

FORM I PEST

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A8

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP094

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	3900	U
108-95-2	Phenol	3900	U
111-44-4	bis(2-Chloroethyl)Ether	3900	U
95-57-8	2-Chlorophenol	3900	U
95-48-7	2-Methylphenol	3900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3900	U
98-86-2	Acetophenone	3900	U
106-44-5	4-Methylphenol	3900	U
621-64-7	N-Nitroso-di-n-propylamine	3900	U
67-72-1	Hexachloroethane	3900	U
98-95-3	Nitrobenzene	3900	U
78-59-1	Isophorone	3900	U
88-75-5	2-Nitrophenol	3900	U
105-67-9	2,4-Dimethylphenol	3900	U
111-91-1	bis(2-Chloroethoxy)methane	3900	U
120-83-2	2,4-Dichlorophenol	3900	U
91-20-3	Naphthalene	95000 ~~120000~~	~~E~~
106-47-8	4-Chloroaniline	3900	U
87-68-3	Hexachlorobutadiene	3900	U
105-60-2	Caprolactam	3900	U
59-50-7	4-Chloro-3-methylphenol	3900	U
91-57-6	2-Methylnaphthalene	18000	
77-47-4	Hexachlorocyclopentadiene	3900	U
88-06-2	2,4,6-Trichlorophenol	3900	U
95-95-4	2,4,5-Trichlorophenol	9800	U
92-52-4	1,1'-Biphenyl	5800	
91-58-7	2-Chloronaphthalene	3900	U
88-74-4	2-Nitroaniline	9800	U
131-11-3	Dimethylphthalate	3900	U
606-20-2	2,6-Dinitrotoluene	3900	U
208-96-8	Acenaphthylene	3900	U
99-09-2	3-Nitroaniline	9800	U
83-32-9	Acenaphthene	26000	

Hand written values for naphthalene + phenanthrene taken from dilution run (11/19/03 50x dil)

FORM I SV-1 OLM04.3

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A8

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP094

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	9800	UJK
100-02-7	4-Nitrophenol	9800	U
132-64-9	Dibenzofuran	22000	
121-14-2	2,4-Dinitrotoluene	3900	U
84-66-2	Diethylphthalate	3900	U
86-73-7	Fluorene	24000	
7005-72-3	4-Chlorophenyl-phenylether	3900	U
100-01-6	4-Nitroaniline	9800	U
534-52-1	4,6-Dinitro-2-methylphenol	9800	U
86-30-6	N-Nitrosodiphenylamine (1)	3900	U
101-55-3	4-Bromophenyl-phenylether	3900	U
118-74-1	Hexachlorobenzene	3900	U
1912-24-9	Atrazine	3900	U
87-86-5	Pentachlorophenol	9800	U
85-01-8	Phenanthrene	62000 ~~89000~~	E
120-12-7	Anthracene	17000	
86-74-8	Carbazole	3400	JQ
84-74-2	Di-n-butylphthalate	3900	U
206-44-0	Fluoranthene	19000	
129-00-0	Pyrene	10000	
85-68-7	Butylbenzylphthalate	3900	U
91-94-1	3,3'-Dichlorobenzidine	3900	U
56-55-3	Benzo(a)anthracene	2000	JQ
218-01-9	Chrysene	1900	J
117-81-7	bis(2-Ethylhexyl)phthalate	480	J
117-84-0	Di-n-octylphthalate	3900	U
205-99-2	Benzo(b)fluoranthene	3900	U
207-08-9	Benzo(k)fluoranthene	3900	U
50-32-8	Benzo(a)pyrene	3900	U
193-39-5	Indeno(1,2,3-cd)pyrene	3900	U
53-70-3	Dibenzo(a,h)anthracene	3900	U
191-24-2	Benzo(g,h,i)perylene	3900	UJK

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A8

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP094

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

Number TICs found: 30

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 271-17-0	CYCLOPENTA[B]THIAPYRAN	8.80	2300	NJ
2. 4453-90-1	1,4-METHANONAPHTHALENE, 1,4-	10.44	9000	NJ
3. 571-58-4	NAPHTHALENE, 1,4-DIMETHYL-	11.53	2800	NJ
4. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.66	5700	NJ
5. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	11.85	7500	NJ
6. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	11.89	4200	NJ
7. 582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	12.10	3100	NJ
8. 571-58-4	NAPHTHALENE, 1,4-DIMETHYL-	12.30	1600	NJ
9.	UNKNOWN	12.89	1800	JN
10. 1855-47-6	1-ISOPROPENYLNAPHTHALENE	13.00	1800	NJ
11. 2131-41-1	NAPHTHALENE, 1,4,5-TRIMETHYL	13.21	2000	NJ
12.	UNKNOWN	13.43	1600	JN
13. 643-58-3	1,1'-BIPHENYL, 2-METHYL-	14.04	3500	NJ
14. 643-58-3	1,1'-BIPHENYL, 2-METHYL-	14.13	2100	NJ
15. 1689-64-1	9H-FLUOREN-9-OL	14.28	5100	NJ
16. 7320-53-8	DIBENZOFURAN, 4-METHYL-	14.43	6800	NJ
17.	UNKNOWN	14.92	2100	JN
18. 1730-37-6	9H-FLUORENE, 1-METHYL-	15.14	2100	NJ
19.	UNKNOWN	15.51	1900	JN
20.	UNKNOWN	15.57	2300	JN
21. 132-65-0	DIBENZOTHIOPHENE	15.72	7900	NJ
22. 832-69-9	PHENANTHRENE, 1-METHYL-	17.17	3600	NJ
23. 949-41-7	1H-CYCLOPROPA[L]PHENANTHRENE	17.23	4200	NJ
24. 1000210-87-8	1A,9B-DIHYDRO-1H-CYCLOPROPA[	17.32	2300	NJ
25.	UNKNOWN	17.39	3900	JN
26.	UNKNOWN	17.48	2100	J
27.	UNKNOWN	17.92	2700	JN
28. 200-23-7	BENZO[KL]XANTHENE	19.31	3700	NJ
29. 644-30-4	BENZENE, 1-(1,5-DIMETHYL-4-H	23.27	2900	NJ
30.	UNKNOWN	26.19	2900	JN

FORM I SV-TIC

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A8DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP102

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	19000	U
108-95-2	Phenol	19000	U
111-44-4	bis(2-Chloroethyl)Ether	19000	U
95-57-8	2-Chlorophenol	19000	U
95-48-7	2-Methylphenol	19000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	19000	U
98-86-2	Acetophenone	19000	U
106-44-5	4-Methylphenol	19000	U
621-64-7	N-Nitroso-di-n-propylamine	19000	U
67-72-1	Hexachloroethane	19000	U
98-95-3	Nitrobenzene	19000	U
78-59-1	Isophorone	19000	U
88-75-5	2-Nitrophenol	19000	U
105-67-9	2,4-Dimethylphenol	19000	U
111-91-1	bis(2-Chloroethoxy)methane	19000	U
120-83-2	2,4-Dichlorophenol	19000	U
91-20-3	Naphthalene	95000	~~D~~
106-47-8	4-Chloroaniline	19000	U
87-68-3	Hexachlorobutadiene	19000	U
105-60-2	Caprolactam	19000	U
59-50-7	4-Chloro-3-methylphenol	19000	U
91-57-6	2-Methylnaphthalene	17000	~~DJ~~
77-47-4	Hexachlorocyclopentadiene	19000	U
88-06-2	2,4,6-Trichlorophenol	19000	U
95-95-4	2,4,5-Trichlorophenol	49000	U
92-52-4	1,1'-Biphenyl	5300	DJ
91-58-7	2-Chloronaphthalene	19000	U
88-74-4	2-Nitroaniline	49000	U
131-11-3	Dimethylphthalate	19000	U
606-20-2	2,6-Dinitrotoluene	19000	U
208-96-8	Acenaphthylene	19000	U
99-09-2	3-Nitroaniline	49000	U
83-32-9	Acenaphthene	22000	D

Use this run for naphthalene phenanthrene only

FORM I SV-1

OLM04.3

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A8DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP102

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	49000	UJ
100-02-7	4-Nitrophenol	49000	U
132-64-9	Dibenzofuran	19000	DJ
121-14-2	2,4-Dinitrotoluene	19000	U
84-66-2	Diethylphthalate	19000	U
86-73-7	Fluorene	21000	D
7005-72-3	4-Chlorophenyl-phenylether	19000	U
100-01-6	4-Nitroaniline	49000	U
534-52-1	4,6-Dinitro-2-methylphenol	49000	U
86-30-6	N-Nitrosodiphenylamine (1)	19000	U
101-55-3	4-Bromophenyl-phenylether	19000	U
118-74-1	Hexachlorobenzene	19000	U
1912-24-9	Atrazine	19000	U
87-86-5	Pentachlorophenol	49000	U
85-01-8	Phenanthrene	62000	D
120-12-7	Anthracene	16000	DJ
86-74-8	Carbazole	3000	DJ
84-74-2	Di-n-butylphthalate	19000	U
206-44-0	Fluoranthene	17000	DJ
129-00-0	Pyrene	9900	DJ
85-68-7	Butylbenzylphthalate	19000	U
91-94-1	3,3'-Dichlorobenzidine	19000	U
56-55-3	Benzo(a)anthracene	19000	U
218-01-9	Chrysene	2000	DJ
117-81-7	bis(2-Ethylhexyl)phthalate	19000	U
117-84-0	Di-n-octylphthalate	19000	U
205-99-2	Benzo(b)fluoranthene	19000	U
207-08-9	Benzo(k)fluoranthene	19000	U
50-32-8	Benzo(a)pyrene	19000	U
193-39-5	Indeno(1,2,3-cd)pyrene	19000	U
53-70-3	Dibenzo(a,h)anthracene	19000	U
191-24-2	Benzo(g,h,i)perylene	19000	UJ

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A8DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112524DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP102

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 15 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 9.1 Extraction: (Type) SONC

Number TICs found: 9

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.82	5300	JD
2. 90-12-0	NAPHTHALENE, 1-METHYL-	10.47	9800	NJD
3. 571-61-9	NAPHTHALENE, 1,5-DIMETHYL-	11.69	4900	NJD
4. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	11.87	6800	NJD
5. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.91	4400	NJD
6. 7320-53-8	DIBENZOFURAN, 4-METHYL-	14.30	4900	NJD
7.	UNKNOWN	14.46	6400	JD
8. 132-65-0	DIBENZOTHIOPHENE	15.75	7000	NJD
9.	UNKNOWN	19.34	4100	JD
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP098

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	3800	U
108-95-2	Phenol	3800	U
111-44-4	bis(2-Chloroethyl)Ether	3800	U
95-57-8	2-Chlorophenol	3800	U
95-48-7	2-Methylphenol	3800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3800	U
98-86-2	Acetophenone	3800	U
106-44-5	4-Methylphenol	3800	U
621-64-7	N-Nitroso-di-n-propylamine	3800	U
67-72-1	Hexachloroethane	3800	U
98-95-3	Nitrobenzene	3800	U
78-59-1	Isophorone	3800	U
88-75-5	2-Nitrophenol	3800	U
105-67-9	2,4-Dimethylphenol	3800	U
111-91-1	bis(2-Chloroethoxy)methane	3800	U
120-83-2	2,4-Dichlorophenol	3800	U
91-20-3	Naphthalene	36000	E
106-47-8	4-Chloroaniline	3800	U
87-68-3	Hexachlorobutadiene	3800	U
105-60-2	Caprolactam	3800	U
59-50-7	4-Chloro-3-methylphenol	3800	U
91-57-6	2-Methylnaphthalene	6000	
77-47-4	Hexachlorocyclopentadiene	3800	U
88-06-2	2,4,6-Trichlorophenol	3800	U
95-95-4	2,4,5-Trichlorophenol	9500	U
92-52-4	1,1'-Biphenyl	1800	J
91-58-7	2-Chloronaphthalene	3800	U
88-74-4	2-Nitroaniline	9500	U
131-11-3	Dimethylphthalate	3800	U
606-20-2	2,6-Dinitrotoluene	3800	U
208-96-8	Acenaphthylene	3800	U
99-09-2	3-Nitroaniline	9500	U
83-32-9	Acenaphthene	8500	

FORM I SV-1

CLM04.3

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP098

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	9500	UJK
100-02-7	4-Nitrophenol	9500	U
132-64-9	Dibenzofuran	7000	
121-14-2	2,4-Dinitrotoluene	3800	U
84-66-2	Diethylphthalate	3800	U
86-73-7	Fluorene	7500	
7005-72-3	4-Chlorophenyl-phenylether	3800	U
100-01-6	4-Nitroaniline	9500	U
534-52-1	4,6-Dinitro-2-methylphenol	9500	U
86-30-6	N-Nitrosodiphenylamine (1)	3800	U
101-55-3	4-Bromophenyl-phenylether	3800	U
118-74-1	Hexachlorobenzene	3800	U
1912-24-9	Atrazine	3800	U
87-86-5	Pentachlorophenol	9500	U
85-01-8	Phenanthrene	25000	
120-12-7	Anthracene	5700	
86-74-8	Carbazole	1200	JQ
84-74-2	Di-n-butylphthalate	3800	U
206-44-0	Fluoranthene	7300	
129-00-0	Pyrene	4400	
85-68-7	Butylbenzylphthalate	1100	JQ
91-94-1	3,3'-Dichlorobenzidine	3800	U
56-55-3	Benzo(a)anthracene	1100	JQ
218-01-9	Chrysene	1200	JQ
117-81-7	bis(2-Ethylhexyl)phthalate	10000	
117-84-0	Di-n-octylphthalate	560	JQ
205-99-2	Benzo(b)fluoranthene	590	J
207-08-9	Benzo(k)fluoranthene	480	J
50-32-8	Benzo(a)pyrene	490	J
193-39-5	Indeno(1,2,3-cd)pyrene	3800	U
53-70-3	Dibenzo(a,h)anthracene	3800	U
191-24-2	Benzo(g,h,i)perylene	3800	UJK

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J27A9

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP098

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

Number TICs found: 21

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	270-82-6	BENZO[C]THIOPHENE	8.81	1200	NJ
2.	264-09-5	BENZOCYCLOHEPTATRIENE	10.46	3400	NJ
3.	575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.68	1800	NJ
4.	571-61-9	NAPHTHALENE, 1,5-DIMETHYL-	11.86	2600	NJ
5.	581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.91	1500	NJ
6.	7320-53-8	DIBENZOFURAN, 4-METHYL-	14.29	1800	NJ
7.	1689-64-1	9H-FLUOREN-9-OL	14.45	2100	NJ
8.	132-65-0	DIBENZOTHIOPHENE	15.74	2400	NJ
9.	949-41-7	1H-CYCLOPROPA[L]PHENANTHRENE	17.25	1300	NJ
10.		UNKNOWN	17.41	1500	J
11.		UNKNOWN	17.65	1500	J
12.		UNKNOWN	17.80	1600	J
13.		UNKNOWN	17.93	2200	J
14.		UNKNOWN	18.34	1500	J
15.	69009-90-1	1,1'-BIPHENYL, BIS(1-METHYLE	19.07	8500	NJ
16.		UNKNOWN	20.14	4700	J
17.		UNKNOWN	25.62	4000	J
18.		UNKNOWN	26.81	5000	J
19.		UNKNOWN	27.43	3100	J
20.		UNKNOWN	28.79	2800	J
21.		UNKNOWN	29.23	9900	J
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FORM I SV-TIC

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP103

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	7600	U
108-95-2	Phenol	7600	U
111-44-4	bis(2-Chloroethyl)Ether	7600	U
95-57-8	2-Chlorophenol	7600	U
95-48-7	2-Methylphenol	7600	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7600	U
98-86-2	Acetophenone	7600	U
106-44-5	4-Methylphenol	7600	U
621-64-7	N-Nitroso-di-n-propylamine	7600	U
67-72-1	Hexachloroethane	7600	U
98-95-3	Nitrobenzene	7600	U
78-59-1	Isophorone	7600	U
88-75-5	2-Nitrophenol	7600	U
105-67-9	2,4-Dimethylphenol	7600	U
111-91-1	bis(2-Chloroethoxy)methane	7600	U
120-83-2	2,4-Dichlorophenol	7600	U
91-20-3	Naphthalene	36000	~~D~~
106-47-8	4-Chloroaniline	7600	U
87-68-3	Hexachlorobutadiene	7600	U
105-60-2	Caprolactam	7600	U
59-50-7	4-Chloro-3-methylphenol	7600	U
91-57-6	2-Methylnaphthalene	6100	DJ
77-47-4	Hexachlorocyclopentadiene	7600	U
88-06-2	2,4,6-Trichlorophenol	7600	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1'-Biphenyl	1800	DJ
91-58-7	2-Chloronaphthalene	7600	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	7600	U
606-20-2	2,6-Dinitrotoluene	7600	U
208-96-8	Acenaphthylene	7600	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	8800	D

Use this run for naphthalene only

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112525DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP103

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	6900	DJ
121-14-2	2,4-Dinitrotoluene	7600	U
84-66-2	Diethylphthalate	7600	U
86-73-7	Fluorene	7700	D
7005-72-3	4-Chlorophenyl-phenylether	7600	U
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine (1)	7600	U
101-55-3	4-Bromophenyl-phenylether	7600	U
118-74-1	Hexachlorobenzene	7600	U
1912-24-9	Atrazine	7600	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	22000	D
120-12-7	Anthracene	5900	DJ
86-74-8	Carbazole	1100	DJ
84-74-2	Di-n-butylphthalate	7600	U
206-44-0	Fluoranthene	6900	DJ
129-00-0	Pyrene	4400	DJ
85-68-7	Butylbenzylphthalate	990	DJ
91-94-1	3,3'-Dichlorobenzidine	7600	U
56-55-3	Benzo(a)anthracene	1200	DJ
218-01-9	Chrysene	1300	DJ
117-81-7	bis(2-Ethylhexyl)phthalate	9500	D
117-84-0	Di-n-octylphthalate	7600	U
205-99-2	Benzo(b)fluoranthene	7600	U
207-08-9	Benzo(k)fluoranthene	7600	U
50-32-8	Benzo(a)pyrene	7600	U
193-39-5	Indeno(1,2,3-cd)pyrene	7600	U
53-70-3	Dibenzo(a,h)anthracene	7600	U
191-24-2	Benzo(g,h,i)perylene	7600	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A9DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112525DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP103

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 13 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 9.5 Extraction: (Type) SONC

Number TICs found: 17

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	91-57-6	NAPHTHALENE, 2-METHYL-	10.47	3400	NJD
2.	575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.69	1700	NJD
3.	573-98-8	NAPHTHALENE, 1,2-DIMETHYL-	11.87	2400	NJD
4.		UNKNOWN	11.91	1700	JD
5.		UNKNOWN	14.31	1600	JD
6.	7320-53-8	DIBENZOFURAN, 4-METHYL-	14.46	2200	NJD
7.		UNKNOWN	15.75	2600	JD
8.		UNKNOWN	17.65	1600	JD
9.		UNKNOWN	17.93	2500	JD
10.		UNKNOWN	18.34	1500	JD
11.		UNKNOWN	19.07	9700	JD
12.		UNKNOWN	19.89	2000	JD
13.	483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.14	5500	NJD
14.		UNKNOWN	24.88	6200	JD
15.		UNKNOWN	27.05	11000	JD
16.		UNKNOWN	28.79	4200	JD
17.		UNKNOWN	29.23	11000	JD
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B0

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112526

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP101

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 37 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	5200	U
108-95-2	Phenol	5200	U
111-44-4	bis(2-Chloroethyl)Ether	5200	U
95-57-8	2-Chlorophenol	5200	U
95-48-7	2-Methylphenol	5200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5200	U
98-86-2	Acetophenone	5200	U
106-44-5	4-Methylphenol	5200	U
621-64-7	N-Nitroso-di-n-propylamine	5200	U
67-72-1	Hexachloroethane	5200	U
98-95-3	Nitrobenzene	5200	U
78-59-1	Isophorone	5200	U
88-75-5	2-Nitrophenol	5200	U
105-67-9	2,4-Dimethylphenol	5200	U
111-91-1	bis(2-Chloroethoxy)methane	5200	U
120-83-2	2,4-Dichlorophenol	5200	U
91-20-3	Naphthalene	1700	JQ
106-47-8	4-Chloroaniline	5200	U
87-68-3	Hexachlorobutadiene	5200	U
105-60-2	Caprolactam	5200	U
59-50-7	4-Chloro-3-methylphenol	5200	U
91-57-6	2-Methylnaphthalene	5200	U
77-47-4	Hexachlorocyclopentadiene	5200	U
88-06-2	2,4,6-Trichlorophenol	5200	U
95-95-4	2,4,5-Trichlorophenol	13000	U
92-52-4	1,1'-Biphenyl	5200	U
91-58-7	2-Chloronaphthalene	5200	U
88-74-4	2-Nitroaniline	13000	U
131-11-3	Dimethylphthalate	5200	U
606-20-2	2,6-Dinitrotoluene	5200	U
208-96-8	Acenaphthylene	5200	U
99-09-2	3-Nitroaniline	13000	U
83-32-9	Acenaphthene	5200	U

Bis (2-ethyl hexyl) phthalate value from dilution run (11/19/03 20X dil)

FORM I SV-1 OLM04.3

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B0

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112526

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP101

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 37 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	13000	U UK
100-02-7	4-Nitrophenol	13000	U
132-64-9	Dibenzofuran	5200	U
121-14-2	2,4-Dinitrotoluene	5200	U
84-66-2	Diethylphthalate	5200	U
86-73-7	Fluorene	5200	U
7005-72-3	4-Chlorophenyl-phenylether	5200	U
100-01-6	4-Nitroaniline	13000	U
534-52-1	4,6-Dinitro-2-methylphenol	13000	U
86-30-6	N-Nitrosodiphenylamine (1)	5200	U
101-55-3	4-Bromophenyl-phenylether	5200	U
118-74-1	Hexachlorobenzene	5200	U
1912-24-9	Atrazine	5200	U
87-86-5	Pentachlorophenol	13000	U
85-01-8	Phenanthrene	5200	U
120-12-7	Anthracene	5200	U
86-74-8	Carbazole	5200	U
84-74-2	Di-n-butylphthalate	5200	U
206-44-0	Fluoranthene	5200	U
129-00-0	Pyrene	5200	U
85-68-7	Butylbenzylphthalate	580	J Qav
91-94-1	3,3'-Dichlorobenzidine	5200	U
56-55-3	Benzo(a)anthracene	5200	U
218-01-9	Chrysene	5200	U
117-81-7	bis(2-Ethylhexyl)phthalate	49000 ~~54000~~	~~E~~
117-84-0	Di-n-octylphthalate	5200	U
205-99-2	Benzo(b)fluoranthene	5200	U
207-08-9	Benzo(k)fluoranthene	5200	U
50-32-8	Benzo(a)pyrene	5200	U
193-39-5	Indeno(1,2,3-cd)pyrene	5200	U
53-70-3	Dibenzo(a,h)anthracene	5200	U
191-24-2	Benzo(g,h,i)perylene	5200	U UK

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

J27B0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112526

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP101

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 37 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

Number TICs found: 21

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	6.11	2600	JN
2.		UNKNOWN	6.58	1600	J
3.		UNKNOWN	9.66	2200	J
4.	134-62-3	DIETHYLTOLUAMIDE	13.88	2000	NJ
5.		UNKNOWN	15.06	1200	JN
6.		UNKNOWN	15.37	1500	J
7.		UNKNOWN	15.72	1200	J
8.		UNKNOWN	16.16	1300	J
9.		UNKNOWN	17.42	1500	J
10.		UNKNOWN	17.65	6800	J
11.		UNKNOWN	17.81	2900	J
12.		UNKNOWN	17.93	14000	J
13.		UNKNOWN	18.34	7900	J
14.		UNKNOWN	18.58	2700	J
15.		UNKNOWN	19.08	53000	J
16.	483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.15	18000	NJ
17.		UNKNOWN	22.03	8900	JN
18.		UNKNOWN	22.87	10000	JN
19.	4282-44-4	1-IODOUNDECANE	25.15	8200	NJ
20.		UNKNOWN	26.27	4000	JN
21.	1000195-95-0	CHOLESTANO[7,8-A]CYCLOBUTANE	26.81	5500	NJ
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM I SV-TIC

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B0DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112526DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP104

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 37 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	10000	U
108-95-2	Phenol	10000	U
111-44-4	bis(2-Chloroethyl)Ether	10000	U
95-57-8	2-Chlorophenol	10000	U
95-48-7	2-Methylphenol	10000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10000	U
98-86-2	Acetophenone	10000	U
106-44-5	4-Methylphenol	10000	U
621-64-7	N-Nitroso-di-n-propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
111-91-1	bis(2-Chloroethoxy)methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
105-60-2	Caprolactam	10000	U
59-50-7	4-Chloro-3-methylphenol	10000	U
91-57-6	2-Methylnaphthalene	10000	U
77-47-4	Hexachlorocyclopentadiene	10000	U
88-06-2	2,4,6-Trichlorophenol	10000	U
95-95-4	2,4,5-Trichlorophenol	26000	U
92-52-4	1,1'-Biphenyl	10000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	26000	U
131-11-3	Dimethylphthalate	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U
208-96-8	Acenaphthylene	10000	U
99-09-2	3-Nitroaniline	26000	U
83-32-9	Acenaphthene	10000	U

Use this row for bis(2-ethylhexyl)phthalate only

FORM I SV-1

OLM04.3

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B0DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112526DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP104

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 37 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	26000	UJ
100-02-7	4-Nitrophenol	26000	U
132-64-9	Dibenzofuran	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
86-73-7	Fluorene	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
100-01-6	4-Nitroaniline	26000	U
534-52-1	4,6-Dinitro-2-methylphenol	26000	U
86-30-6	N-Nitrosodiphenylamine (1)	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
1912-24-9	Atrazine	10000	U
87-86-5	Pentachlorophenol	26000	U
85-01-8	Phenanthrene	10000	U
120-12-7	Anthracene	10000	U
86-74-8	Carbazole	10000	U
84-74-2	Di-n-butylphthalate	10000	U
206-44-0	Fluoranthene	10000	U
129-00-0	Pyrene	10000	U
85-68-7	Butylbenzylphthalate	10000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
56-55-3	Benzo(a)anthracene	10000	U
218-01-9	Chrysene	10000	U
117-81-7	bis(2-Ethylhexyl)phthalate	49000	B
117-84-0	Di-n-octylphthalate	10000	U
205-99-2	Benzo(b)fluoranthene	10000	U
207-08-9	Benzo(k)fluoranthene	10000	U
50-32-8	Benzo(a)pyrene	10000	U
193-39-5	Indeno(1,2,3-cd)pyrene	10000	U
53-70-3	Dibenzo(a,h)anthracene	10000	U
191-24-2	Benzo(g,h,i)perylene	10000	UJ

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B0DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112526DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP104

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 37 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/19/03

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 8.2 Extraction: (Type) SONC

Number TICs found: 17

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.12	3400	JD
2.	UNKNOWN	9.67	2500	JD
3.	UNKNOWN	17.41	2100	JD
4.	UNKNOWN	17.65	8000	JD
5.	UNKNOWN	17.80	2200	JD
6.	UNKNOWN	17.93	15000	JD
7.	UNKNOWN	18.34	9100	JD
8.	UNKNOWN	18.58	3100	JD
9. 69009-90-1	1,1'-BIPHENYL, BIS(1-METHYLE	19.07	60000	NJD
10. 483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	20.14	19000	NJD
11.	UNKNOWN	22.02	10000	JD
12.	UNKNOWN	22.87	10000	JD
13.	UNKNOWN	24.46	13000	JD
14.	UNKNOWN	26.43	8300	JD
15.	UNKNOWN	26.81	8200	JD
16.	UNKNOWN	27.05	6300	JD
17.	UNKNOWN	27.65	4300	JD
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112548

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP157

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 6 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1800	U
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)Ether	1800	U
95-57-8	2-Chlorophenol	1800	U
95-48-7	2-Methylphenol	1800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1800	U
98-86-2	Acetophenone	1800	U
106-44-5	4-Methylphenol	1800	U
621-64-7	N-Nitroso-di-n-propylamine	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1800	U
111-91-1	bis(2-Chloroethoxy)methane	1800	U
120-83-2	2,4-Dichlorophenol	1800	U
91-20-3	Naphthalene	1800	U
106-47-8	4-Chloroaniline	1800	U
87-68-3	Hexachlorobutadiene	1800	U
105-60-2	Caprolactam	1800	U
59-50-7	4-Chloro-3-methylphenol	1800	U
91-57-6	2-Methylnaphthalene	1800	U
77-47-4	Hexachlorocyclopentadiene	1800	U
88-06-2	2,4,6-Trichlorophenol	1800	U
95-95-4	2,4,5-Trichlorophenol	4400	U
92-52-4	1,1'-Biphenyl	1800	U
91-58-7	2-Chloronaphthalene	1800	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	1800	U
606-20-2	2,6-Dinitrotoluene	1800	U
208-96-8	Acenaphthylene	1800	U
99-09-2	3-Nitroaniline	4400	U
83-32-9	Acenaphthene	1800	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112548

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP157

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 6 Decanted: (Y/N)N Date Extracted: 11/19/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/24/03

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	U
132-64-9	Dibenzofuran	1800	U
121-14-2	2,4-Dinitrotoluene	1800	U
84-66-2	Diethylphthalate	1800	U
86-73-7	Fluorene	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
100-01-6	4-Nitroaniline	4400	U
534-52-1	4,6-Dinitro-2-methylphenol	4400	U
86-30-6	N-Nitrosodiphenylamine (1)	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
118-74-1	Hexachlorobenzene	1800	U
1912-24-9	Atrazine	1800	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	1800	U
120-12-7	Anthracene	1800	U
86-74-8	Carbazole	1800	U
84-74-2	Di-n-butylphthalate	1800	U
206-44-0	Fluoranthene	1800	U
129-00-0	Pyrene	1800	U
85-68-7	Butylbenzylphthalate	1800	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
56-55-3	Benzo(a)anthracene	1800	U
218-01-9	Chrysene	1800	U
117-81-7	bis(2-Ethylhexyl)phthalate	1800	U
117-84-0	Di-n-octylphthalate	1800	U
205-99-2	Benzo(b)fluoranthene	1800	U
207-08-9	Benzo(k)fluoranthene	1800	U
50-32-8	Benzo(a)pyrene	1800	U
193-39-5	Indeno(1,2,3-cd)pyrene	1800	U
53-70-3	Dibenzo(a,h)anthracene	1800	U
191-24-2	Benzo(g,h,i)perylene	1800	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112548

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP157

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 6 Decanted: (Y/N) N Date Extracted: 11/19/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/24/03

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	26.12	820	J
2.		UNKNOWN	26.66	930	J
3.		UNKNOWN	27.29	850	J
4.		UNKNOWN	27.36	900	J
5.					
6.					
7.					
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FORM I SV-TIC

SLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112527

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP080

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 6 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	880	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	880	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	880	U
83-32-9	Acenaphthene	350	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112527

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP080

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 6 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	880	U
100-02-7	4-Nitrophenol	880	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	880	U
534-52-1	4,6-Dinitro-2-methylphenol	880	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	880	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	150	J Q
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	140	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	78	J Q
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	51	J Q

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J27B2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112527

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP080

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 6 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.28~~	~~220~~	~~JB~~
2. 192-97-2	BENZO[E]PYRENE	24.96	220	NJ
3.				
4.				
5.				
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FORM I SV-TIC

OLM04.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112555

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP121

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	20	U
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
95-48-7	2-Methylphenol	20	U
108-60-1	2,2'-oxybis(1-Chloropropane)	20	U
98-86-2	Acetophenone	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-di-n-propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
111-91-1	bis(2-Chloroethoxy)methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
91-20-3	Naphthalene	35	
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
105-60-2	Caprolactam	20	U
59-50-7	4-Chloro-3-methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	50	U
92-52-4	1,1'-Biphenyl	20	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	20	U
606-20-2	2,6-Dinitrotoluene	20	U
208-96-8	Acenaphthylene	20	U
99-09-2	3-Nitroaniline	50	UJK
83-32-9	Acenaphthene	20	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112555

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP121

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
86-73-7	Fluorene	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
100-01-6	4-Nitroaniline	50	UJK
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
1912-24-9	Atrazine	20	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
86-74-8	Carbazole	20	UJK
84-74-2	Di-n-butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	
117-84-0	Di-n-octylphthalate	20	U
205-99-2	Benzo(b)fluoranthene	20	U
207-08-9	Benzo(k)fluoranthene	20	U
50-32-8	Benzo(a)pyrene	20	U
193-39-5	Indeno(1,2,3-cd)pyrene	20	U
53-70-3	Dibenzo(a,h)anthracene	20	U
191-24-2	Benzo(g,h,i)perylene	20	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

J27B3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112555

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP121

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 24

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	7348-80-3	3,5-OCTADIENE, (Z,Z)-	7.44	51	NJ
2.	1603-01-6	1,4-HEPTADIENE, 3-METHYL-	7.63	10	NJ
3.		UNKNOWN	8.55	6	JN
4.	501-52-0	BENZENEPROPANOIC ACID	11.03	5	NJ
5.		UNKNOWN	12.78	10	JN
6.		UNKNOWN	13.81	56	JN
7.	134-62-3	DIETHYLTOLUAMIDE	13.84	390	NJ
8.		UNKNOWN	13.93	6	JN
9.	134-62-3	DIETHYLTOLUAMIDE	14.02	34	NJ
10.		UNKNOWN	14.28	5	JN
11.	934-34-9	2(3H)-BENZOTHIAZOLONE	15.03	24	NJ
12.		UNKNOWN	15.59	8	JN
13.		UNKNOWN	15.77	11	J
14.		UNKNOWN	16.61	26	J
15.		UNKNOWN	17.61	7	J
16.		UNKNOWN	17.88	66	J
17.		UNKNOWN	18.09	68	J
18.	10544-50-0	CYCLIC OCTAATOMIC SULFUR	18.48	120	NJ
19.		UNKNOWN	19.03	7	JN
20.		UNKNOWN	19.12	7	J
21.		UNKNOWN	20.09	10	J
22.		UNKNOWN	21.75	47	J
23.	5155-70-4	1-PHENANTHRENECARBOXYLIC ACI	22.00	10	NJ
24.		UNKNOWN	24.41	19	JN
25.					
26.					
27.					
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30.					

FORM I SV-TIC

OLM01.3

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112556

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP122

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	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
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	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	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	UJK
83-32-9	Acenaphthene	10	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112556

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP122

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U JK
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U JK
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
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10 ~~8~~	~~J~~ U ~~B~~
117-84-0	Di-n-octylphthalate	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	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 –

Matrix: (soil/water) WATER Lab Sample ID: 03112556

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP122

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 26

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.72	120	JN
2.	UNKNOWN	5.91	7	JN
3. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	6.17	7	NJ
4.	UNKNOWN col bled	7.50	3	JN
~~5. 541-02-6~~	~~CYCLOPENTASILOXANE, DECAMETH~~	~~8.13~~	~~38~~	~~NJ~~
6.	UNKNOWN	8.82	12	JN
7.	UNKNOWN	9.27	3	JN
8. 112-05-0	NONANOIC ACID	10.06	4	NJ
9.	UNKNOWN	10.53	14	JN
10.	UNKNOWN	12.69	5	JN
11. 143-07-7	DODECANOIC ACID	13.64	4	NJ
12.	UNKNOWN	15.98	13	JN
13.	UNKNOWN	17.01	26	J
14.	UNKNOWN	17.61	3	J
15.	UNKNOWN	17.94	3	J
16.	UNKNOWN	18.29	22	J
17.	UNKNOWN	18.33	6	J
18.	UNKNOWN	18.50	3	J
19.	UNKNOWN	18.55	3	J
20.	UNKNOWN	18.68	3	J
21.	UNKNOWN	18.89	3	J
22.	UNKNOWN	19.29	4	J
23.	UNKNOWN	19.72	9	J
24.	UNKNOWN	21.12	4	J
25.	UNKNOWN	21.89	6	J
26.	UNKNOWN	22.72	8	J
27.				
28.				
29.				
30.				

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B4DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112556DL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP120

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	100	U
108-95-2	Phenol	100	U
111-44-4	bis(2-Chloroethyl)Ether	100	U
95-57-8	2-Chlorophenol	100	U
95-48-7	2-Methylphenol	100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	100	U
98-86-2	Acetophenone	100	U
106-44-5	4-Methylphenol	100	U
621-64-7	N-Nitroso-di-n-propylamine	100	U
67-72-1	Hexachloroethane	100	U
98-95-3	Nitrobenzene	100	U
78-59-1	Isophorone	100	U
88-75-5	2-Nitrophenol	100	U
105-67-9	2,4-Dimethylphenol	100	U
111-91-1	bis(2-Chloroethoxy)methane	100	U
120-83-2	2,4-Dichlorophenol	100	U
91-20-3	Naphthalene	100	U
106-47-8	4-Chloroaniline	100	U
87-68-3	Hexachlorobutadiene	100	U
105-60-2	Caprolactam	100	U
59-50-7	4-Chloro-3-methylphenol	100	U
91-57-6	2-Methylnaphthalene	100	U
77-47-4	Hexachlorocyclopentadiene	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorophenol	250	U
92-52-4	1,1'-Biphenyl	100	U
91-58-7	2-Chloronaphthalene	100	U
88-74-4	2-Nitroaniline	250	U
131-11-3	Dimethylphthalate	100	U
606-20-2	2,6-Dinitrotoluene	100	U
208-96-8	Acenaphthylene	100	U
99-09-2	3-Nitroaniline	250	U JK
83-32-9	Acenaphthene	100	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B4DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 –

Matrix: (soil/water) WATER Lab Sample ID: 03112556DL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP120

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted: 11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	100	U
121-14-2	2,4-Dinitrotoluene	100	U
84-66-2	Diethylphthalate	100	U
86-73-7	Fluorene	100	U
7005-72-3	4-Chlorophenyl-phenylether	100	U
100-01-6	4-Nitroaniline	250	U JK
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	N-Nitrosodiphenylamine (1)	100	U
101-55-3	4-Bromophenyl-phenylether	100	U
118-74-1	Hexachlorobenzene	100	U
1912-24-9	Atrazine	100	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	100	U
120-12-7	Anthracene	100	U
86-74-8	Carbazole	100	U JK
84-74-2	Di-n-butylphthalate	100	U
206-44-0	Fluoranthene	100	U
129-00-0	Pyrene	100	U
85-68-7	Butylbenzylphthalate	100	U
91-94-1	3,3'-Dichlorobenzidine	100	U
56-55-3	Benzo(a)anthracene	100	U
218-01-9	Chrysene	100	U
117-81-7	bis(2-Ethylhexyl)phthalate	100	U
117-84-0	Di-n-octylphthalate	100	U
205-99-2	Benzo(b)fluoranthene	100	U
207-08-9	Benzo(k)fluoranthene	100	U
50-32-8	Benzo(a)pyrene	100	U
193-39-5	Indeno(1,2,3-cd)pyrene	100	U
53-70-3	Dibenzo(a,h)anthracene	100	U
191-24-2	Benzo(g,h,i)perylene	100	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B4DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789 –

Matrix: (soil/water) WATER Lab Sample ID: 03112556DL

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H73GP120

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: _____ Decanted: (Y/N)___ Date Extracted:11/17/03

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/20/03

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6.0 Extraction: (Type) CONT

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112528

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP079

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112528

Sample wt/vol: 30.0(g/mL) G Lab File ID: H73GP079

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N)N Date Extracted: 11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

1G

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112528

Sample wt/vol: 30.0 (g/mL) G Lab File ID: H73GP079

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: 20 Decanted: (Y/N) N Date Extracted:11/17/03

Concentrated Extract Volume: 500(uL) Date Analyzed: 11/18/03

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

Number TICs found: 12

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~5.35~~	~~210~~	~~JB~~ R 5
2. 544-63-8	TETRADECANOIC ACID	15.81	530	NJ
3.	UNKNOWN	17.59	89	JN
4. 57-10-3	N-HEXADECANOIC ACID	17.82	2400	NJ
5.	UNKNOWN	19.40	310	JN
6.	UNKNOWN	19.44	280	JN
7. 57-11-4	OCTADECANOIC ACID	19.61	970	NJ
8.	UNKNOWN	20.21	420	JN
9.	UNKNOWN	21.09	280	J
10.	UNKNOWN	22.64	93	J
11.	UNKNOWN	24.68	98	J
12.	UNKNOWN	26.92	380	J
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BNA ALKANE NARRATIVE REPORT
Report date : 11/21/2003
SDG: J2768

Client Sample ID: J2768 Lab Sample ID: 03112509 File ID: H73GP081

Compound	RT	Est. Conc.	Q
Tridecane	23.72	340	J N
Heptacosane	25.10	560	J N

Client Sample ID: J2779 Lab Sample ID: 03112520 File ID: H73GP084

Compound	RT	Est. Conc.	Q
Tetradecane	15.00	190	J N
Heptadecane, 2,6,10,14-tetramethyl-	16.14	380	J
Heptadecane	17.05	220	J
Eicosane	18.94	440	J
Heptadecane, 2-methyl-	21.48	490	J
Tricosane, 2-methyl-	22.26	490	J
Hexacosane	23.01	380	J
Pentacosane	25.11	280	J

Client Sample ID: J2775 Lab Sample ID: 03112516 File ID: H73GP085

Compound	RT	Est. Conc.	Q
Tetradecane	15.00	130	J N
Dotriacontane	16.14	230	J
Octadecane	18.94	160	J

Client Sample ID: J2769 Lab Sample ID: 03112510 File ID: H73GP087

Compound	RT	Est. Conc.	Q
Dodecane, 2,6,11-trimethyl-	15.06	160	J N
Eicosane	19.82	760	J
Pentacosane	20.66	1000	J
Heneicosane	21.48	980	J
Octadecane, 2-methyl-	22.26	870	J
Hexacosane	23.01	650	J
Hexadecane	23.74	850	J

Client Sample ID: J27A6 Lab Sample ID: 03112522 File ID: H73GP092

Compound	RT	Est. Conc.	Q
Tricosane	22.26	520	J N
Octadecane	23.74	950	J
Nonacosane	25.12	1000	J
Hexadecane	26.42	640	J

Client Sample ID: J2772 Lab Sample ID: 03112513 File ID: H73GP096

Compound	RT	Est. Conc.	Q
Octacosane	26.44	760	J N

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Client Sample ID: J27A9 Lab Sample ID: 03112525 File ID: H73GP098

Compound	RT	Est. Conc.	Q
Hexadecane	19.84	3600	J N
Hexadecane	20.69	7900	J
Hexadecane	21.50	13000	J
Tricosane	22.28	18000	J
Hexacosane	23.04	24000	J
Heptacosane	23.77	29000	J
Heptadecane, 9-octyl-	24.47	24000	J
Hexadecane	25.15	23000	J
Docosane	25.80	16000	J
Eicosane	26.44	13000	J
Hexacosane	27.05	8700	J
Eicosane	27.65	5100	J

Client Sample ID: J27B0 Lab Sample ID: 03112526 File ID: H73GP101

Compound	RT	Est. Conc.	Q
Tetracosane	21.50	5500	J N
Pentacosane	22.28	8400	J
Hexacosane	23.04	9400	J
Octadecane	23.77	10000	J
Heptadecane	24.47	8500	J
Tricosane, 2-methyl-	25.80	7700	J
Heptacosane	26.43	6200	J
Octacosane	27.05	4600	J

Client Sample ID: J27A9DL Lab Sample ID: 03112525DL File ID: H73GP103

Compound	RT	Est. Conc.	Q
Tridecane	19.84	3600	JD N
Pentadecane, 2,6,10,14-tetramethyl-	20.68	8000	JD
Eicosane	21.49	13000	JD
Pentacosane	22.28	19000	JD
Hexacosane	23.03	26000	JD
Heptacosane	23.76	32000	JD
Eicosane	24.46	28000	JD
Octacosane	25.14	29000	JD
Octacosane	25.14	29000	JD
Heptadecane	25.80	18000	JD
Tetradecane	26.43	16000	JD
Tricosane, 2-methyl-	27.65	6700	JD

Client Sample ID: J27B0DL Lab Sample ID: 03112526DL File ID: H73GP104

Compound	RT	Est. Conc.	Q
Nonadecane	21.50	6100	JD N
Pentacosane	22.28	10000	JD
Octadecane	23.03	10000	JD
Octadecane	23.76	14000	JD
Nonadecane	25.14	13000	JD
Eicosane	25.79	9300	JD

BNA ALKANE NARRATIVE REPORT
Report date : 11/26/2003
SDG: J2780

Client Sample ID: J2796 Lab Sample ID: 03112540 File ID: H73GP136

Compound	RT	Est. Conc.	Q
Tetratetracontane	23.65	210	J N
Heneicosane	25.02	150	J N

Client Sample ID: J2799 Lab Sample ID: 03112542 File ID: H73GP137

Compound	RT	Est. Conc.	Q
Tridecane	23.65	300	J N

Client Sample ID: J2782 Lab Sample ID: 03112531 File ID: H73GP138

Compound	RT	Est. Conc.	Q
Eicosane	22.18	660	J N
Docosane	23.66	790	J
Tetracosane	24.36	520	J
Heptadecane	25.03	600	J
Eicosane	25.69	460	J
Tricosane	26.33	460	J

Client Sample ID: J27A2 Lab Sample ID: 03112545 File ID: H73GP141

Compound	RT	Est. Conc.	Q
Hexadecane	18.85	160	J N
Docosane	19.73	580	J
Pentacosane	20.58	1100	J
Heptadecane	21.40	1800	J
Pentacosane	22.18	2500	J
Pentacosane	22.93	3200	J
Heptacosane	23.66	5500	J
Hexadecane	24.36	4500	J
Heptadecane	25.04	3700	J
Hexadecane	25.70	2400	J
Octadecane	26.33	1800	J
Triacontane	26.94	960	J
Heptadecane	27.54	510	J

Client Sample ID: J2781 Lab Sample ID: 03112530 File ID: H73GP142

Compound	RT	Est. Conc.	Q
Heneicosane	21.40	480	J N
Heneicosane	22.19	570	J
Octadecane	23.67	980	J
Eicosane, 9-octyl-	24.37	660	J
Heptacosane	25.70	660	J

Client Sample ID: J2781DL Lab Sample ID: 03112530DL File ID: H73GP152

Compound	RT	Est. Conc.	Q

Tridecane	22.89	640	JD N
Eicosane	23.62	1300	JD N

Client Sample ID: J2785 Lab Sample ID: 03112534 File ID: H73GP154

Compound	RT	Est. Conc.	Q
Dodecane, 2-methyl-8-propyl-	14.94	160	J N
Nonadecane	18.83	120	J
Hexacosane	22.90	300	J
Heptacosane	26.91	320	J

Client Sample ID: J2784 Lab Sample ID: 03112533 File ID: H73GP155

Compound	RT	Est. Conc.	Q
Heptadecane	14.89	93	J N
Tetradecane	16.94	91	J
Heptadecane	18.82	190	J

Client Sample ID: J2787 Lab Sample ID: 03112536 File ID: H73GP156

Compound	RT	Est. Conc.	Q
Hexadecane	20.57	650	J N
Docosane, 5-butyl-	22.17	1400	J
Heptacosane	22.93	1400	J
Heptacosane	23.66	1400	J
Heptacosane	24.36	880	J
Heptadecane, 2,6,10,15-tetramethyl-	25.69	830	J

Client Sample ID: J2787DL Lab Sample ID: 03112536DL File ID: H73GP161

Compound	RT	Est. Conc.	Q
Hexadecane	20.57	1400	JD N
Tricosane, 2-methyl-	21.38	2300	JD
Heptadecane, 2,6,10,15-tetramethyl-	22.16	3000	JD
Tricosane	22.92	3000	JD
Heptadecane	23.64	3600	JD
Tricosane, 2-methyl-	24.34	2300	JD
Octacosane	25.03	2000	JD
Eicosane	25.67	2200	JD
Hexadecane	26.93	1200	JD

BNA ALKANE NARRATIVE REPORT
Report date : 12/01/2003
SDG: J2789

Client Sample ID: J27B3 Lab Sample ID: 03112555 File ID: H73GP121

Compound	RT	Est. Conc.	Q
Tetradecane	21.46	7	J
Eicosane	22.24	11	J
Tricosane	22.99	13	J
Heptadecane	23.72	21	J
Eicosane	25.10	16	J
Eicosane	25.75	12	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2768

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112509

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP764

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 21 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13 ~~A~~	~~JB~~ U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	15	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2768

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112509

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP764

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 21 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	UJK
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	UJK
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	UJK
120-82-1	1,2,4-Trichlorobenzene	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2768

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112509

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP764

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 21 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~ col. bleed	~~9.92~~	~~15~~	~~JN~~
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2770

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112511

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP765

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12 ~~9~~	~~JB~~ U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	15	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2770

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112511

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP765

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJK
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	UJK
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	UJK
120-82-1	1,2,4-Trichlorobenzene	12	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2770

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112511

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP765

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2771

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112512

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP766

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2771

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112512

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP766

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	44	~~B~~
75-15-0	Carbon Disulfide	11	JQ
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	14	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	6	JQ
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2771

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112512

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP766

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 556-67-2	~~CYCLOTETRASILOXANE, OCTAMETH~~ cal. blank	~~9.92~~	~~30~~	~~NJ~~
2.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2772

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112513

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP767

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13 ~~3~~	~~JB~~ U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13 ~~12~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2772

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112513

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP767

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	UJK
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	UJK
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	UJK
120-82-1	1,2,4-Trichlorobenzene	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2772

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112513

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP767

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2773

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112514

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP768

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	14	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2773

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112514

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP768

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	UJK
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	UJK
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	UJK
120-82-1	1,2,4-Trichlorobenzene	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2773

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112514

Sample wt/vol: 5.0 (g/mL) G. Lab File ID: H73FP768

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT.	EST. CONC.	Q
1.	UNKNOWN	1.35	9	J
2. ~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~15~~	~~NJ~~
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2774

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112515

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP769

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 16 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12 ~~A~~	~~JB~~ U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2774

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112515

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP769

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 16 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJK
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	UJK
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	UJK
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2774

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112515

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP769

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 16 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.31	8	J N
2.	~~UNKNOWN~~ cal. steel	~~9.92~~	~~19~~	~~J~~
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2775

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112516

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP770

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	97	~~B~~
75-15-0	Carbon Disulfide	2	J Q
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	15	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	13	
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2775

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112516

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP770

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	3	J Q
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U JK
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	J Q
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U JK
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2775

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112516

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP770

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~28~~	~~NJ~~
2.		Col. bleed			
3.					
4.					
5.					
6.					
7.					
8.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2776

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112517

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP771

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 10 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	67	~~B~~
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	13	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	8	J
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2776

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112517

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP771

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 10 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	UJK
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	UJK
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	5	JQ
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	UJK
120-82-1	1,2,4-Trichlorobenzene	11	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2776

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112517

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP771

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 10 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. ~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~16~~	~~NJ~~
2. 500-00-5	CYCLOHEXENE, 4-METHYL-1-(1-M	10.07	9	NJ
3. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	10.64	42	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2777

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112518

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP772

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2777

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112518

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP772

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	UJK
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	UJK
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	UJK
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2777

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112518

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP772

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	1.35	10	JN
2.					
3.					
4.					
5.					
6.					
7.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2778

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112519

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP773

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 11 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	~~JB~~ U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	15	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2778

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112519

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP773

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 11 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	UJK
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	UJK
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	UJK
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2778

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112519

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP773

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 11 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. ~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~27~~	~~NJ~~
2.	cal. blank			
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2779

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112520

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP774

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 12 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	34	~~B~~ U
75-15-0	Carbon Disulfide	5	J Q mw
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	13	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2779

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112520

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP774

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 12 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	UJK
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	UJK
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11 ~~4~~	~~J~~ U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	UJK
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2779

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112520

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP774

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 12 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	79-92-5	CAMPHENE	9.78	8	NJ
2.		UNKNOWN	9.92	8	JN
3.	108-67-8	BENZENE, 1,3,5-TRIMETHYL-	10.07	6	NJ
4.	108-67-8	BENZENE, 1,3,5-TRIMETHYL-	10.38	14	NJ
5.	5989-27-5	D-LIMONENE	10.61	38	NJ
6.	25155-15-1	BENZENE, METHYL(1-METHYLETHY	10.64	13	NJ
7.		UNKNOWN	10.89	6	JN
8.	13466-78-9	3-CARENE	11.19	7	NJ
9.					
10.					
11.					
12.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2780

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112529

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP807

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 12 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	3	JQ
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~8~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2780

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112529

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP807

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 12 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2780

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112529

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP807

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 12 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		~~UNKNOWN~~ col. bleed	~~9.92~~	~~80~~	~~J~~
2.		UNKNOWN	11.46	8	JN
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2781

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP808

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	61	
75-15-0	Carbon Disulfide	2	J Q
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	// 7	~~JB~~ u
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	J Q
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2781

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP808

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	16	
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	17	
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	3	JQ
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2781

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112530

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP808

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	142-82-5	HEPTANE	5.93	24	NJ
2.	592-27-8	HEPTANE, 2-METHYL-	7.11	16	NJ
3.		UNKNOWN	7.25	15	JN
4.	111-65-9	OCTANE	7.64	11	NJ
5.	3073-66-3	CYCLOHEXANE, 1,1,3-TRIMETHYL	8.28	13	NJ
6.		UNKNOWN	8.97	12	JN
7.		UNKNOWN	9.19	51	J
8.		UNKNOWN	9.39	28	J
9.		UNKNOWN	9.43	16	J
10.		UNKNOWN	9.50	51	J
11.	500-00-5	CYCLOHEXENE, 4-METHYL-1-(1-M	9.64	43	NJ
12.	~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~370~~	~~NJ~~ add blank
13.		UNKNOWN	10.04	54	JN
14.		UNKNOWN	10.09	85	J
15.		UNKNOWN	10.22	82	J
16.		UNKNOWN	10.37	200	J
17.		UNKNOWN	10.57	280	J
18.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	10.96	520	NJ
19.		UNKNOWN	12.01	100	JN
20.		UNKNOWN	12.69	97	JN
21.					
22.					
23.					
24.					
25.					
26.					
27.					
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29.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2782

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112531

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP809

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	5	J Q
75-15-0	Carbon Disulfide	11	J Q
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13 ~~5~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2782

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112531

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP809

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	9	J
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	4	J
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2782

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112531

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP809

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.56	11	JN
2.		UNKNOWN	9.83	10	J
3.		UNKNOWN	10.10	26	J
4.		UNKNOWN	10.23	8	J
5.	108-67-8	BENZENE, 1,3,5-TRIMETHYL-	10.38	19	NJ
6.	535-77-3	BENZENE, 1-METHYL-3-(1-METHY	10.64	17	NJ
7.		UNKNOWN	10.96	43	JN
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2783

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112532

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP810

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 18 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~4~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2783

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112532

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP810

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 18 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2783

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112532

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP810

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 18 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~ col bleed	~~9.92~~	~~69~~	~~J~~
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FORM I VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2784

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112533

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP811

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 9 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2784

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 —

Matrix: (soil/water) SOIL Lab Sample ID: 03112533

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP811

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 9 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2784

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112533

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP811

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 9 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. ~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~7~~	~~NJ~~
2.	Col. bleed			
3.				
4.				
5.				
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FORM I VOA-TIC OLM04.3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2785

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112534

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP812

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 19 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~J~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

FORM I VOA-1 OLM04.3

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2785

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112534

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP812

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 19 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2785

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112534

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP812

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 19 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~13~~	~~NJ~~
2.		Col. bleed			
3.					
4.					
5.					
6.					
7.					
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FORM I VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2786

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112535

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP813

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 17 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	46	
75-15-0	Carbon Disulfide	10	JQ
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~A~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	6	JQ
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2786

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112535

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP813

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 17 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2786

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112535

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP813

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 17 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 11

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.64	13	J
2.	UNKNOWN	9.79	10	J
3.	UNKNOWN	9.99	7	J
4.	UNKNOWN	10.06	18	J
5.	UNKNOWN	10.23	10	J
6. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	10.37	8	NJ
7.	UNKNOWN	10.51	7	J
8. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	10.60	7	NJ
9.	UNKNOWN	10.77	10	J
10.	UNKNOWN	10.97	11	J
11.	UNKNOWN	11.50	7	J
12.				
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FORM I VOA-TIC

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP814

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	42	
75-15-0	Carbon Disulfide	3	JQ
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~2~~	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	7	JQ
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP814

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	11	J
1330-20-7	Xylene (Total)	1400 ~~1300~~	~~E~~ JL
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

total xylene concentration taken from dilution run (11/19/03) - still over calibration range -

FORM I VOA-2 OLM04.3

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2787

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112536

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP814

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	1.18	7	JN col blad
2.	~~UNKNOWN~~	~~9.92~~	~~9~~	~~J~~
3. 99-82-1	1-METHYL-4-(1-METHYLETHYL)-C	10.00	12	NJ
4. 619-52-3	CYCLOHEXENE, 4-METHYL-1-(1-M	10.07	10	NJ
5. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	10.64	9	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536DL

Sample wt/vol: 1.5(g/mL) G Lab File ID: H73FP834

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	39	UJK
74-87-3	Chloromethane	39	UJK
75-01-4	Vinyl Chloride	39	U
74-83-9	Bromomethane	39	U
75-00-3	Chloroethane	39	U
75-69-4	Trichlorofluoromethane	39	U
75-35-4	1,1-Dichloroethene	39	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	39	UJK
67-64-1	Acetone	66	~~B~~JK
75-15-0	Carbon Disulfide	39	U
79-20-9	Methyl Acetate	39	U
75-09-2	Methylene Chloride	39 ~~16~~	~~DJB~~ U
156-60-5	trans-1,2-Dichloroethene	39	U
1634-04-4	tert-Butyl Methyl Ether	39	U
75-34-3	1,1-Dichloroethane	39	U
156-59-2	cis-1,2-Dichloroethene	39	U
78-93-3	2-Butanone	39	U
67-66-3	Chloroform	39	U
71-55-6	1,1,1-Trichloroethane	39	U
110-82-7	Cyclohexane	39	U
56-23-5	Carbon Tetrachloride	39	U
71-43-2	Benzene	39	U
107-06-2	1,2-Dichloroethane	39	U

Use this run for total xylene only -

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2787DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112536DL

Sample wt/vol: 1.5(g/mL) G Lab File ID: H73FP834

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	39	U
108-87-2	Methylcyclohexane	39	U
78-87-5	1,2-Dichloropropane	39	U
75-27-4	Bromodichloromethane	39	U
10061-01-5	cis-1,3-Dichloropropene	39	U
108-10-1	4-Methyl-2-Pentanone	39	U
108-88-3	Toluene	39	U
10061-02-6	trans-1,3-Dichloropropene	39	U
79-00-5	1,1,2-Trichloroethane	39	U
127-18-4	Tetrachloroethene	39	U
591-78-6	2-Hexanone	39	U
124-48-1	Dibromochloromethane	39	U
106-93-4	1,2-Dibromoethane	39	U
108-90-7	Chlorobenzene	39	U
100-41-4	Ethylbenzene	12	~~D~~ J
1330-20-7	Xylene (Total)	1400	~~D~~ JL
100-42-5	Styrene	39	U
75-25-2	Bromoform	39	U
98-82-8	Isopropylbenzene	39	U
79-34-5	1,1,2,2-Tetrachloroethane	39	U
541-73-1	1,3-Dichlorobenzene	39	U
106-46-7	1,4-Dichlorobenzene	39	U
95-50-1	1,2-Dichlorobenzene	39	U
96-12-8	1,2-Dibromo-3-chloropropane	39	U
120-82-1	1,2,4-Trichlorobenzene	39	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2787DL

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112536DL

Sample wt/vol: 1.5 (g/mL) G Lab File ID: H73FP834

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2788

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112537

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP833

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 18 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	UJK
74-87-3	Chloromethane	12	UJK
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	UJK
67-64-1	Acetone	43	JQ
75-15-0	Carbon Disulfide	11	JK
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~6~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2788

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112537

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP833

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 18 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	3	JQ
1330-20-7	Xylene (Total)	95	
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	7	JQ
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2788

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112537

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP833

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 18 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 14

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.20	10	JN
2.	UNKNOWN	9.39	12	J
3.	UNKNOWN	9.47	9	J
4. 7785-70-8	1R-.ALPHA.-PINENE	9.55	13	NJ
5.	UNKNOWN	9.74	8	JN
6.	UNKNOWN col blend	9.83	9	JN
~~7. 556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~23~~	~~NJ~~
8.	UNKNOWN	10.00	11	JN
9.	UNKNOWN	10.10	8	J
10.	UNKNOWN	10.23	8	J
11.	UNKNOWN	10.37	7	J
12.	UNKNOWN	10.89	7	J
13. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	10.96	7	NJ
14.	UNKNOWN	11.46	13	JN
15.				
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FORM I VOA-TIC OLM04.3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2789

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112549

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112549

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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	10	U
74-87-3	Chloromethane	10 ~~1~~	~~U~~ U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJK
67-64-1	Acetone	10	UJK
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10 ~~2~~	~~BJ~~ U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	UJK
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	6	J Q

020

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2789

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112549

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112549

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U JK
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3 Dichlorobenzene	10	U
106-46-7	1,4 Dichlorobenzene	10	U
95-50-1	1,2 Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

021

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2789

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112549

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112549

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 7446-09-5	SULFUR DIOXIDE	6.57	17	JN

022

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2790

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112550

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112550

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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	10	U
74-87-3	Chloromethane	10 ~~8~~	~~J~~ U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJK
67-64-1	Acetone	10	UJK
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10 ~~2~~	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	UJK
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	~~10 U~~ 4	~~JQ~~ JQ

040

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2790

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112550

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112550

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U JK
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3 Dichlorobenzene	10	U
106-46-7	1,4 Dichlorobenzene	10	U
95-50-1	1,2 Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

041

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2790

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112550

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112550

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

042

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2791

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112551

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112551

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJK
67-64-1	Acetone	10	UJK
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10 ~~X~~	~~BJ~~ U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	UJK
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10 U ~~3~~	~~U~~

058

FORM I VOA OLM04.3

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2791

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112551

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112551

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	UJK
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3 Dichlorobenzene	10	U
106-46-7	1,4 Dichlorobenzene	10	U
95-50-1	1,2 Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

059

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2791

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112551

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112551

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

060

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2792

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112552

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112552

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJK
67-64-1	Acetone	10	UJK
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10 ~~2~~	~~BJ~~ U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	UJK
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U ~~5 J Qm~~

073

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2792

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112552

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112552

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U K
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3 Dichlorobenzene	10	U
106-46-7	1,4 Dichlorobenzene	10	U
95-50-1	1,2 Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

074

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2792

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112552

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112552

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

075

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2793

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112538

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP816

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 17 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U JK
74-87-3	Chloromethane	12	U JK
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	UJK
67-64-1	Acetone	12	UJK
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~3~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2793

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112538

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP816

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 17 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2793

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112538

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP816

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 17 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2794

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112539

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP817

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 24 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13 ~~3~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2794

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112539

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP817

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 24 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2794

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112539

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP817

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 24 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
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10.					
11.					
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FORM I VOA-TIC OLM04.3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2795

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112553

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112553

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJK
67-64-1	Acetone	10	UJK
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10 ~~B~~	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	UJK
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10 U	~~5~~ ~~J~~

088

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2795

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112553

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112553

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	UJK
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3 Dichlorobenzene	10	U
106-46-7	1,4 Dichlorobenzene	10	U
95-50-1	1,2 Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

089

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2795

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112553

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112553

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

090

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2796

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112540

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP818

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13 ~~8~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2796

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112540

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP818

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13 ~~4~~	~~J~~ U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2796

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112540

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP818

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 23 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	127-91-3	.BETA.-PINENE	10.11	53	NJ
2.		UNKNOWN	10.36	8	JN
3.	138-86-3	LIMONENE	10.60	12	NJ
4.	555-10-2	.BETA.-PHELLANDRENE	10.67	43	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2797

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112541

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP819

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~3~~	~~B~~ 4
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2797

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112541

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP819

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2797

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112541

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP819

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~ co/bleed	~~9.92~~	~~37~~	~~J~~
2.	UNKNOWN	11.47	10	J N
3.				
4.				
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FORM I VOA-TIC OLM04.3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2798

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112554

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112554

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJK
67-64-1	Acetone	10	UJK
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10 ~~2~~ ~~UBJ~~ U	
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	UJK
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10 U	~~2 UJQ~~ MM

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2798

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112554

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112554

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U JK
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3 Dichlorobenzene	10	U
106-46-7	1,4 Dichlorobenzene	10	U
95-50-1	1,2 Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2798

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112554

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112554

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC OLM04.3

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2799

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112542

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP836

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 28 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	UJK
74-87-3	Chloromethane	14	UJK
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	UJK
67-64-1	Acetone	14	UJK
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	14 ~~8~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	tert-Butyl Methyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J2799

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112542

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP836

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 28 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (Total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J2799

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112542

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP836

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 28 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A0

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112543

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP837

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 15 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	UJK
74-87-3	Chloromethane	12	UJK
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	UJK
67-64-1	Acetone	12	UJK
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~B~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A0

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112543

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP837

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 15 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A0

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112543

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP837

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 15 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112544

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP838

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	UJK
74-87-3	Chloromethane	11	UJK
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	UJK
67-64-1	Acetone	11 ~~8~~	~~B~~ UJK
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~7~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112544

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP838

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112544

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP838

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~ col bleed	~~9.92~~	~~140~~	~~J~~
2.	UNKNOWN	11.46	12	JN
3.				
4.				
5.				
6.				
7.				
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FORM I VOA-TIC

OLM4.3

256

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112545

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP839

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 9 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	UJK
74-87-3	Chloromethane	11	UJK
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	UJK
67-64-1	Acetone	11 ~~4~~	~~J~~ 4JK
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~4~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

FORM I VOA-1 OLM04.3

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112545

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP839

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 9 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112545

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP839

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 9 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. ~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~ cal bleed	~~9.92~~	~~27~~	~~NJ~~
2.	UNKNOWN	11.47	9	J
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112546

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP840

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 8 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	UJK
74-87-3	Chloromethane	11	UJK
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	UJK
67-64-1	Acetone	11 ~~4~~	~~J~~ 4JK
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~5~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112546

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP840

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 8 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A3

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112546

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP840

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 8 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~ cut blank	~~9.92~~	~~31~~	~~J~~
2.	UNKNOWN	11.46	9	JN
3.				
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FORM I VOA-TIC

OLM03.3M

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112547

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP841

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 7 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U JK
74-87-3	Chloromethane	11	U JK
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U JK
67-64-1	Acetone	11	U JK
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~4~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112547

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP841

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 7 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A4

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112547

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP841

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 7 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN col bleed	1.23	7	JN
2.	~~UNKNOWN~~	~~9.92~~	~~34~~	~~J~~
3.	UNKNOWN	11.47	34	JN
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5.				
6.				
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FORM I VOA-TIC LM04.3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112521

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP775

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 10 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11 ~~9~~	~~JB~~ U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	12	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112521

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP775

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 10 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U JK
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U JK
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U JK
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112521

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP775

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 10 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. ~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~8~~	~~NJ~~
2.	col. bleed			
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A6

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768 –

Matrix: (soil/water) SOIL Lab Sample ID: 03112522

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP776

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~11~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A6

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112522

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP776

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJK
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	UJK
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	UJK
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A6

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112522

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP776

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 14 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	1.28	8	JN
2.					
3.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A7

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112523

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP777

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 16 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12 ~~3~~	~~JB~~ U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	16	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A7

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112523

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP777

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 16 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJK
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	UJK
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	UJK
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A7

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112523

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP777

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 16 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 496-11-7	INDANE	10.89	21	NJ
2. 767-58-8	INDAN, 1-METHYL-	12.02	7	NJ
3. 275-51-4	AZULENE	12.53	200	NJ
4. 90-12-0	NAPHTHALENE, 1-METHYL-	13.62	7	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A8

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP820

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 15 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	35	
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12 ~~4~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	tert-Butyl Methyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	5	J
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A8

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP820

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 15 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	UJK
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	UJK
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	3	JQ
1330-20-7	Xylene (Total)	17	
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	6	JQ
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	UJK
120-82-1	1,2,4-Trichlorobenzene	12	UJK

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A8

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112524

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP820

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 15 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	9.99	86	NJ
2. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	10.07	95	NJ
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	10.38	190	NJ
4. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	10.72	91	NJ
5. 496-11-7	INDANE	10.89	980	NJ
6. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	10.97	120	NJ
7. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	11.29	120	NJ
8. 3454-07-7	BENZENE, 1-ETHENYL-4-ETHYL-	11.37	220	NJ
9. 4265-25-2	BENZOFURAN, 2-METHYL-	11.58	85	NJ
10. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	11.66	240	NJ
11. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	11.88	250	NJ
12. 767-58-8	INDAN, 1-METHYL-	12.01	570	NJ
13.	UNKNOWN	12.38	130	JN
14. 275-51-4	AZULENE	12.57	10000	NJ
15. 270-82-6	BENZO[C]THIOPHENE	12.65	610	NJ
16.	UNKNOWN	12.70	99	JN
17. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	12.86	140	NJ
18. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	13.02	120	NJ
19. 91-57-6	NAPHTHALENE, 2-METHYL-	13.48	1900	NJ
20. 91-57-6	NAPHTHALENE, 2-METHYL-	13.63	1200	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP778

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	28	~~B~~
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~9~~	~~B~~ U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27A9

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP778

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	UJK
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	UJK
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	UJK
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27A9

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112525

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP778

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 13 Date Analyzed: 11/17/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	7785-70-8	1R-.ALPHA.-PINENE	9.56	15	NJ
2.		UNKNOWN	9.92	6	J
3.	5989-27-5	D-LIMONENE	10.60	8	NJ
4.					
5.					
6.					
7.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112548

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP842

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 6 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	UJK
74-87-3	Chloromethane	11	UJK
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U ~~K~~
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	UJK
67-64-1	Acetone	11	UJK
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~8~~	~~JB~~ 4
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112548

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP842

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 6 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B1

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2780

Matrix: (soil/water) SOIL Lab Sample ID: 03112548

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP842

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 6 Date Analyzed: 11/19/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN col bleed	1.30	7	JN
2. ~~556-67-2~~	~~CYCLOTETRASILOXANE, OCTAMETH~~	~~9.92~~	~~180~~	~~NJ~~
3.				
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FORM I VOA-TIC

OLM04.3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112527

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP803

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 6 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11 ~~4~~	~~B~~ 4
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	tert-Butyl Methyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112527

Sample wt/vol: 5.0(g/mL) G. Lab File ID: H73FP803

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 6 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U JK
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U JK
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U J K
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B2

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112527

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP803

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 6 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~UNKNOWN~~	~~9.92~~	~~14~~	J
2.	Cal. Steel			
3.				
4.				
5.				
6.				
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FORM I VOA-TIC OLM04.3

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B3

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112555

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112555

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJK
67-64-1	Acetone	10	UJK
75-15-0	Carbon Disulfide	4	JQ
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10X	~~UB~~ U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	UJK
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	1	JQ
107-06-2	1,2-Dichloroethane	10 U	~~2 JQ~~

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1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B3

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112555

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112555

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (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
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	6	J Q
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U J K
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	19	*
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	2	J Q
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3 Dichlorobenzene	10	U
106-46-7	1,4 Dichlorobenzene	10	U
95-50-1	1,2 Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B3

Lab Name: ENVIROSYSTEMS Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2789

Matrix: (soil/water) WATER Lab Sample ID: 03112555

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 112555

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. Date Analyzed: 11/17/03

GC Column: RTX-502.2 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	7446-09-5	SULFUR DIOXIDE	4.62	6	JN
2.	7446-09-5	SULFUR DIOXIDE	6.52	25	JN
3.		UNKNOWN methylated organic acid	19.22	7	JN
4.		UNKNOWN trimethyl octane	19.72	5	JN
5.		UNKNOWN trimethyl hexane	20.10	10	JN
6.		UNKNOWN methylated benzene	20.47	8	JN
7.	611-15-4	BENZENE, 1-ETHENYL-2-METHYL-	21.30	5	JN
8.		UNKNOWN	22.28	74	JN
9.		UNKNOWN	22.43	21	JN
10.	275-51-4	AZULENE	24.43	49	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112528

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP806

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	7	J Q
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13 ~~5~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	tert-Butyl Methyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J27B5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112528

Sample wt/vol: 5.0(g/mL) G Lab File ID: H73FP806

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	UJK
108-88-3	Toluene	5	J
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	UJK
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	UJK
120-82-1	1,2,4-Trichlorobenzene	13	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

J27B5

Lab Name: ENVIROSYSTEMS, INC. Contract: 68W03019

Lab Code: ENVSYS Case No.: 32364 SAS No.: SDG No.: J2768

Matrix: (soil/water) SOIL Lab Sample ID: 03112528

Sample wt/vol: 5.0 (g/mL) G Lab File ID: H73FP806

Level: (low/med) LOW Date Received: 11/15/03

% Moisture: not dec. 20 Date Analyzed: 11/18/03

GC Column: RTX-624 ID: 0.18 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 75-18-3	DIMETHYL SULFIDE	2.35	18	NJ
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