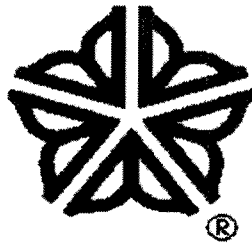


**LABORATORY ANALYTICAL REPORTS
SOIL AND GROUNDWATER
SAMPLING AND ANALYSIS CONDUCTED IN 2000**

**1200 EAST MAIN STREET
CITY OF ROCHESTER
MONROE COUNTY, NEW YORK**

BROWNFIELD PROJECT B-00129-8

Prepared for:



**City of Rochester
Department of Environmental Services**



**B E R G M A N N
Associates**

**Prepared by:
Bergmann Associates
200 First Federal Plaza
28 East Main Street
Rochester, New York 14614**

**2000 SAMPLING AND ANALYSIS
DATA VALIDATED
LABORATORY ANALYTICAL REPORTS**



1 Mustard St., Suite 250, Rochester, NY 14609-6925
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 26 Jun 00 PAGE 1 OF 1

PROJECT NAME 1200 EAST MAIN
 PROJECT MANAGER/CONTACT GARY FLIBNIK
 COMPANY/ADDRESS BA
 TEL (716) 232-5135 FAX ()
 SAMPLER'S SIGNATURE [Signature]

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	FOR OFFICE USE ONLY LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> 95-1 <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> 95-2	GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602	PESTICIDES/PCB's <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> 95-3	STAR'S LIST 8021 VOA's <input type="checkbox"/> TOTAL <input type="checkbox"/> TCLP	STAR'S LIST 8270 SVOA's <input type="checkbox"/> TOTAL <input type="checkbox"/> TCLP	TCLP <input type="checkbox"/> METALS <input type="checkbox"/> VOA's <input type="checkbox"/> SVOA's <input type="checkbox"/> H/P	WASTE CHARACTERIZATION <input type="checkbox"/> React <input type="checkbox"/> Corros. <input type="checkbox"/> Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	PRESERVATION		
															pH < 2.0	pH > 12	Other
WEST TANK	26 Jun	11:00	388710	Av	1												
EAST TANK	↓	11:05	↓ 11		1												

RELINQUISHED BY:
 Signature [Signature]
 Printed Name Brian Kaspery
 Firm BA
 Date/Time 26 Jun 00 11:30

RECEIVED BY:
 Signature [Signature]
 Printed Name Cindy Tomney
 Firm CAS
 Date/Time 6-26-00 11:30

TURNAROUND REQUIREMENTS
 24 hr. 48 hr. 5 day
 Standard (10-15 working days)
 Provide Verbal Preliminary Results
 Provide FAX Preliminary Results
 Requested Report Date _____

REPORT REQUIREMENTS
 1. Routine Report
 2. Routine Rep. w/CASE Narrative
 3. EPA Level III Validatable Package
 4. N.J. Reduced Deliverables Level IV
 5. NY ASP/CLP Deliverables
 6. Site specific QC.

INVOICE INFORMATION:
 P.O. #: _____
 Bill To: _____

SAMPLE RECEIPT:

RELINQUISHED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

RECEIVED BY:
 Signature [Signature]
 Printed Name Gregory O. Esmerian
 Firm CAS
 Date/Time 6-26-00 11:30

SPECIAL INSTRUCTIONS/COMMENTS:
 METALS 16
 ORGANICS: TCL PPL AE Only BN Only Special List

RELINQUISHED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

RECEIVED BY:
 Signature _____
 Printed Name _____
 Firm _____
 Date/Time _____

2000 UST
 removal
 TANK
 CONTENTS
 LEAD ANALYSIS

COLUMBIA ANALYTICAL SERVICES

Reported: 06/29/00

Bergmann Associates, P.C.
Project Reference: 1200 EAST MAIN
Client Sample ID : WEST TANK

Date Sampled : 06/26/00 11:00 Order #: 388710 Sample Matrix: WATER
Date Received: 06/26/00 Submission #: R2002636

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
LEAD	6010B	0.0500	0.245	MG/L	06/27/00	1.0

00004

COLUMBIA ANALYTICAL SERVICES

Reported: 06/29/00

Bergmann Associates, P.C.
Project Reference: 1200 EAST MAIN
Client Sample ID : EAST TANK

Date Sampled : 06/26/00 11:05 Order #: 388711 Sample Matrix: WATER
Date Received: 06/26/00 Submission #: R2002636

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
LEAD	6010B	0.0500	0.440	MG/L	06/27/00	1.0



15 Wiggins Ave., Bedford, MA 01730
 Telephone: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: _____

DUE DATE : _____

COMPANY: East BERGMAN Associates
 ADDRESS: 18 EAST MAIN ST
ROCHESTER N.J. 14614
 PHONE #: (716) 732-5135 FAX #: (716) 732-4157
 P.O. #: _____
 PROJECT MANAGER: JAMES BAXTER
4453.01
 PROJECT ID/LOCATION: 1200 EAST MAIN ST

- SAMPLE TYPE** **CONTAINER TYPE**
1. WASTEWATER P - PLASTIC
 2. SOIL G - GLASS
 3. SLUDGE V - VOA
 4. OIL
 5. DRINKING WATER
 6. WATER (GW/MW/SW)
 7. OTHER (SPECIFY)

ANALYSES

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES										SPECIAL INSTRUCTIONS/COMMENTS
			SIZE	TYPE	#	DATE	TIME												
	SS-19	T	400	G	1	7-6-00	12 ¹⁰	39/200	<i>Buyer</i>										
	SS-18	T	400	G	1	7-6-00	11 ³⁵	V 01											

*SS-18
SS-19
ETHYLONE
G15001*

SAMPLED BY: <u>Mitch Smith</u> <u>Mitch Smith</u>	DATE: <u>7-6-00</u>	QUOTATION #: _____ RECEIVED BY: <u>Gary A. Flinn</u> <u>Gary A. Flinn</u>	DATE: <u>7-7-00</u>
	TIME: <u>VARIES</u>		DATE: <u>7-7-00</u>
RELINQUISHED BY: <u>Gary A. Flinn</u> <u>Gary A. Flinn</u>	DATE: <u>7-7-00</u>	RECEIVED FOR LAB BY: <u>[Signature]</u> <u>[Signature]</u>	DATE: <u>7-7-00</u>
	TIME: <u>10-25-00</u>		DATE: <u>7-7-00</u>
METHOD OF SHIPMENT: _____	DATE: <u>7-7-00</u>	COOLER TEMPERATURE: <u>Brady down</u> <u>[Signature]</u>	DATE: <u>7-7-00</u>
	TIME: <u>10-35-00</u>		DATE: <u>7-7-00</u>
<input type="checkbox"/> RUSH BUSINESS DAY TURN AROUND <input checked="" type="checkbox"/> ROUTINE Sample disposal information Are there any other known or suspected contaminants in these samples other than those listed above? Yes _____ No _____ If Yes, list Known _____			

**Columbia Analytical Services Inc.
Cooler Receipt And Preservation Check Form**

Project/Client Bergman Submission Number R2-2787

Cooler received on 7-7-00 by: JE COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
 2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
 3. Did all bottles arrive in good condition (unbroken)? YES NO
 4. Did any VOA vials have significant air bubbles? YES NO N/A
 5. Were Ice or Ice packs present? YES NO
 6. Where did the bottles originate? CAS/ROC CLIENT
 7. Temperature of cooler(s) upon receipt: 26°
- Is the temperature within 0° - 6° C?: Yes No
- If No, Explain Below: No Yes
- Date/Time Temperatures Taken: 7-7-00 @ 10:35
- Thermometer ID: IR-Gun Temp Blank Sample Bottle Cooler Temp. IR. Gun

If out of Temperature, Client Approval to Run Samples

Cooler Breakdown: Date: 7/10/00 by: BL

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

	YES	NO	Sample I.D.	Reagent	Vol. Added
pH					
12				NaOH	
2				HNO ₃	
2				H ₂ SO ₄	
5-9*				P/PCBs (608 only)	

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH
*If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

COLUMBIA ANALYTICAL SERVICES

Reported: 07/19/00

Bergmann Associates, P.C.
Project Reference: 1200 EAST MAIN STREET PROJECT #4453.01
Client Sample ID : SS-19

Date Sampled : 07/06/00 12:10 Order #: 391200 Sample Matrix: SOIL/SEDIMENT
Date Received: 07/07/00 Submission #: R2002787

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.19 U	MG/KG	07/11/00		1.0
PERCENT SOLIDS	160.0	1.0	84.0	%	07/12/00	10:15	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/19/00

Bergmann Associates, P.C.
Project Reference: 1200 EAST MAIN STREET PROJECT #4453.01
Client Sample ID : SS-18

Date Sampled : 07/06/00 11:35 Order #: 391201 Sample Matrix: SOIL/SEDIMENT
Date Received: 07/07/00 Submission #: R2002787

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.16 U	MG/KG	07/11/00		1.0
PERCENT SOLIDS	160.0	1.0	86.5	%	07/12/00	10:15	1.0

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

SOIL sample
TP-3
ASP

September 06, 2000

bary flisnik
James Baxter
Bergmann Associates
200 First Federal Plaza
288 East Main Street
Rochester, NY 146141909
TEL: (716) 232-5135
FAX (716) 232-4652

RE: 1200 EAST MAIN STREET

Order No.: 0006642

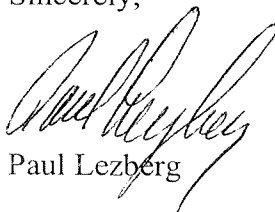
Dear James Baxter,

Toxikon received 1 sample on 6/30/00 for the analyses presented in the following report.

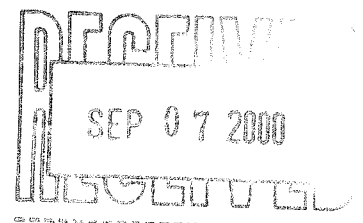
There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in a Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,


Paul Lezberg

Certifications: MA: MA 064, NH: 204099A and 204099B, ME: MA064, RI: 55, VT: MA064, TN: MA0
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:



000001

Toxikon

Date: 06-Sep-00

CLIENT: Bergmann Associates
Project: 1200 EAST MAIN STREET
Lab Order: 0006642
Date Received: 6/30/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0006642-01A	TP-3	6/28/00 1:40:00 PM



15 Wiggins Ave., Bedford, MA 01730
 Telephone: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 00 16-642

DUE DATE : 7-12-88

COMPANY: Fishere Associates

ADDRESS: 2495 Winton Place - Bldg C
ROCHESTER, N.Y. 14623

PHONE #: (716) 424-7700 FAX #: (716) 424-2771

P.O. #:

PROJECT MANAGER: Carol Ewert / James Bayne
 PROJECT ID/LOCATION: 1200 East Main Street

SAMPLE TYPE CONTAINER TYPE

1. WASTEWATER P - PLASTIC
 2. SOIL G - GLASS
 3. SLUDGE V - VOA
 4. OIL
 5. DRINKING WATER
- WATER (GWMW/SW)
 OTHER (SPECIFY)

PRESERVATIVE

PREPARATION

ASPD - ANALYSES

SPECIAL INSTRUCTIONS COMMENT:

TOXICON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES
			SIZE	TYPE	#	DATE	TIME		
K	TP-3	T	2oz	G		6/78	13:40		ASPD - ANALYSES TOXICITY, PCB, METALS (Circled signature)
	TP-3	T	8oz	G		6/78	13:40		

0070 : TOXICITY & METALS ARE IN THE SAME CONTAINER FOR THE 800 GAZ AS LABELED.

SAMPLED BY: Mitch Smith DATE: 06-29-88 TIME: 14:00

RELINQUISHED BY: Mitch Smith DATE: 06-29-88 TIME: 14:00

RELINQUISHED BY: Fodor DATE: 6-30-88 TIME: 9:20 AM

QUOTATION #:

RECEIVED BY: _____ DATE: _____ TIME: _____

RECEIVED FOR LAB BY: _____ DATE: 6-30-88 TIME: 9:20 AM

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
 Sample disposal information
 Are there any other known or suspected

Toxikon

Sample Receipt Checklist

Client Name: FISHER
Work Order Number 0006642
Matrix: SOIL

Date and Time Received: 6/30/00 9AM
Received by: WGM
Reviewed by: WGM 6/30/00
Initials Date

Carrier name: FEDEX UPS UPS WALK-IN COURIER **OTHER**

- | | | | |
|---|---|--|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> |
| Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |

Adjusted? _____ Checked by _____

Checklist completed by: William G. McNamara 6/30/00
Signature Date

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: One jar Broken - pieces held together by tape around jar's contents transferred to new jar

Corrective Action: _____

SDG NARRATIVE

Laboratory: Toxikon Corp.
Work Order: 0006642

VOLATILES DATA:

No problems were encountered

No sample was designated for MS/MSD. A sample from a different Work Order was used for the MS/MSD.

SEMIVOLATILES DATA:

No problems were encountered.

No sample was designated for MS/MSD. A sample from a different Work Order was used for the MS/MSD.

CASE NARRATIVE FOR METALS

Work Orders 0006642 and 0007089 (for metals only)

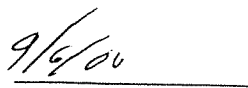
Cadmium demonstrated a matrix spike recovery out of control limits due to matrix interferences. This was confirmed by the analysis of a post digestion spike sample. Cadmium % recovery in the post digest sample demonstrated a recovery within control limits.

Several metals demonstrated serial dilution % RPD's out of control limits. However, all metals demonstrated % RPD's in control limits between the sample and its duplicate.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Douglas Sheeley
Laboratory Manager



Date

VOA SUMMARY DATA
PACKAGE

000009

VOLATILE ORGANICS ANALYSIS DATA SHEET

TP-3

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: 0006642-01A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6134.D

Level: (low/med) LOW Date Received: 06/30/00

% Moisture: not dec. 17.7 Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
79-34-5	1,1,2,2-Tetrachloroethane		12	U
79-00-5	1,1,2-Trichloroethane		12	U
75-34-3	1,1-Dichloroethane		12	U
75-35-4	1,1-Dichloroethene		12	U
563-58-6	1,1-Dichloropropene		12	U
87-61-6	1,2,3-Trichlorobenzene		12	U
96-18-4	1,2,3-Trichloropropane		12	U
120-82-1	1,2,4-Trichlorobenzene		12	U
95-63-6	1,2,4-Trimethylbenzene		4	J
96-12-8	1,2-Dibromo-3-chloropropane		12	U
106-93-4	1,2-Dibromoethane		12	U
95-50-1	1,2-Dichlorobenzene		12	U
107-06-2	1,2-Dichloroethane		12	U
78-87-5	1,2-Dichloropropane		12	U
108-67-8	1,3,5-Trimethylbenzene		4	J
541-73-1	1,3-Dichlorobenzene		12	U
142-28-9	1,3-Dichloropropane		12	U
106-46-7	1,4-Dichlorobenzene		12	U
590-20-7	2,2-Dichloropropane		12	U
78-93-3	2-Butanone		12	U
110-75-8	2-Chloroethyl vinyl ether		12	U
95-49-8	2-Chlorotoluene		12	U
591-78-6	2-Hexanone		12	U
106-43-4	4-Chlorotoluene		12	U
99-87-6	4-Isopropyltoluene		12	U
108-10-1	4-Methyl-2-pentanone		12	U
67-64-1	Acetone		11	BJ
107-13-1	Acrylonitrile		120	U
71-43-2	Benzene		12	U
108-86-1	Bromobenzene		12	U
74-97-5	Bromochloromethane		12	U
75-27-4	Bromodichloromethane		12	U
75-25-2	Bromoform		12	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

TP-3

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: 0006642-01A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6134.D

Level: (low/med) LOW Date Received: 06/30/00

% Moisture: not dec. 17.7 Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
74-83-9	Bromomethane		12	U
75-15-0	Carbon disulfide		12	U
56-23-5	Carbon tetrachloride		12	U
108-90-7	Chlorobenzene		12	U
75-00-3	Chloroethane		12	U
67-66-3	Chloroform		12	U
74-87-3	Chloromethane		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
10061-01-5	cis-1,3-Dichloropropene		12	U
124-48-1	Dibromochloromethane		12	U
74-95-3	Dibromomethane		12	U
75-71-8	Dichlorodifluoromethane		12	U
100-41-4	Ethylbenzene		3	J
87-68-3	Hexachlorobutadiene		12	U
74-88-4	Iodomethane		12	U
98-82-8	Isopropylbenzene		12	U
1634-04-4	Methyl tert-butyl-ether		12	U
75-09-2	Methylene chloride		6	BJ
104-51-8	n-Butylbenzene		12	U
103-65-1	n-Propylbenzene		12	U
91-20-3	Naphthalene		12	U
135-98-8	sec-Butylbenzene		12	U
100-42-5	Styrene		12	U
98-06-6	tert-Butylbenzene		12	U
127-18-4	Tetrachloroethene		12	U
109-99-9	Tetrahydrofuran		12	U
108-88-3	Toluene		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
10061-02-6	trans-1,3-Dichloropropene		12	U
79-01-6	Trichloroethene		12	U
75-69-4	Trichlorofluoromethane		12	U
108-05-4	Vinyl acetate		12	U
75-01-4	Vinyl chloride		12	U
1330-20-7	Xylenes, Total		3	

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Level: (low/med) LOW

EPA SAMPLE NO.	SMC1 (BFB) #	SMC2 (DFB) #	SMC3 (TOL) #	Other	TOT OUT
01 METHOD BLANK	90	96	98		0
02 TP-3	95	93	85		0
03 MS	88	98	96		0
04 MSD	86	96	96		0

QC Limits

SMC1 (BFB) = 4-Bromofluorobenzene (74-121)
 SMC2 (DFB) = Dibromofluoromethane (80-120)
 SMC3 (TOL) = Toluene-d8 (81-117)

Column to be used to flag recovery values

* Values outside of contract required QC limits

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Toxikon Contract: _____Lab Code: 10778 Case No.: BERGM SAS No.: _____ SDG No.: 0006642Matrix Spike - EPA Sample No.: MSD Level: (low/med) LOW

COMPOUND	SPIKE ADDED (µg/Kg)	SAMPLE CONCENTRATION (µg/Kg)	MS CONCENTRATION (µg/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	56	112	59-172
Benzene	50	0	56	112	66-142
Chlorobenzene	50	0	54	108	60-133
Toluene	50	0	54	108	59-139
Trichloroethene	50	0	54	108	62-137

COMPOUND	SPIKE ADDED (µg/Kg)	MSD CONCENTRATION (µg/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50	57	114	2	22	59-172
Benzene	50	59	118	5	21	66-142
Chlorobenzene	50	56	112	4	21	60-133
Toluene	50	55	110	2	21	59-139
Trichloroethene	50	65	130	18	24	62-137

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

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

COMMENTS: _____

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: METHOD BLANK

Sample wt/vol: 5 (g/mL) G Lab File ID: G6133.D

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

% Moisture: not dec. Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		4	J
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		10	U
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: METHOD BLANK

Sample wt/vol: 5 (g/mL) G Lab File ID: G6133.D

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

% Moisture: not dec. Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		3	J
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		0	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-3

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: 0006642-01A

Sample wt/vol: 30 (g/mL) G Lab File ID: C5814.D

Level: (low/med) LOW Date Received: 06/30/00

% Moisture: not dec. 17.7 Date Extracted: 07/05/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/12/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
108-95-2	Phenol		400	U
111-44-4	Bis(2-chloroethyl) ether		400	U
95-57-8	2-Chlorophenol		400	U
541-73-1	1,3-Dichlorobenzene		400	U
106-46-7	1,4-Dichlorobenzene		400	U
95-50-1	1,2-Dichlorobenzene		400	U
95-48-7	2-Methylphenol		400	U
108-60-1	2,2-oxybis(1-Chloropropane)		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
120-82-1	1,2,4-Trichlorobenzene		400	U
91-20-3	Naphthalene		400	U
106-47-8	4-Chloroaniline		400	U
87-68-3	Hexachlorobutadiene		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		970	U
91-58-7	2-Chloronaphthalene		400	U
88-74-4	2-Nitroaniline		970	U
131-11-3	Dimethylphthalate		400	U
208-96-8	Acenaphthylene		400	U
606-20-2	2,6-Dinitrotoluene		400	U
99-09-2	3-Nitroaniline		970	U
83-32-9	Acenaphthene		250	J
51-28-5	2,4-Dinitrophenol		970	U
100-02-7	4-Nitrophenol		64	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TP-3

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: 0006642-01A

Sample wt/vol: 30 (g/mL) G Lab File ID: C5814.D

Level: (low/med) LOW Date Received: 06/30/00

% Moisture: not dec. 17.7 Date Extracted: 07/05/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/12/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
132-64-9	Dibenzofuran		72	J
121-14-2	2,4-Dinitrotoluene		400	U
84-66-2	Diethylphthalate		400	U
7005-72-3	4-Chlorophenyl phenylether		400	U
86-73-7	Fluorene		93	J
100-01-6	4-Nitroaniline		970	U
534-52-1	4,6-Dinitro-2-methylphenol		970	U
86-30-6	N-Nitrosodiphenylamine		400	U
101-55-3	4-Bromophenyl phenylether		400	U
118-74-1	Hexachlorobenzene		400	U
87-86-5	Pentachlorophenol		970	U
85-01-8	Phenanthrene		230	J
120-12-7	Anthracene		43	J
86-74-8	Carbazole		400	U
84-74-2	Di-n-butylphthalate		400	U
206-44-0	Fluoranthene		180	J
129-00-0	Pyrene		170	J
85-68-7	Butylbenzylphthalate		400	U
91-94-1	3,3'-Dichlorobenzidine		400	U
56-55-3	Benz(a)anthracene		66	J
218-01-9	Chrysene		83	J
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		46	J
50-32-8	Benzo(a)pyrene		70	J
193-39-5	Indeno(1,2,3-cd)pyrene		400	U
53-70-3	Dibenz(a,h)anthracene		400	U
191-24-2	Benzo(g,h,i)perylene		400	U
62-53-3	Aniline		400	U
65-85-0	Benzoic Acid		2100	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MS

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642
 Matrix: (soil/water) SOIL Lab Sample ID: 0006637-05A
 Sample wt/vol: 5 (g/mL) G Lab File ID: G6141.D
 Level: (low/med) LOW Date Received: 06/30/00
 % Moisture: not dec. Date Analyzed: 07/12/00
 GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00
 Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		56	
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		10	U
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		56	
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

000093

VOLATILE ORGANICS ANALYSIS DATA SHEET

MS

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: 0006637-05A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6141.D

Level: (low/med) LOW Date Received: 06/30/00

% Moisture: not dec. Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		54	
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		10	U
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		54	
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		54	
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		0	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MSD

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: 0006637-05A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6142.D

Level: (low/med) LOW Date Received: 06/30/00

% Moisture: not dec. Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		6	BJ
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		59	U
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MSD

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0006642

Matrix: (soil/water) SOIL Lab Sample ID: 0006637-05A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6142.D

Level: (low/med) LOW Date Received: 06/30/00

% Moisture: not dec. Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		56	
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		3	BJ
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		21	
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		55	
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		65	
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		0	U

**INORGANIC ANALYSES
DATA SHEETS**

000186

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP-3

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778 _____ Case No.: _____ SAS No.: _____ SDG No.: SS-14 _____

Matrix (soil/water): SOIL _____ Lab Sample ID: 0006642-01

Level (low/med): LOW _____ Date Received: 06/30/00

% Solids: _____ 82.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.4			P
7440-39-3	Barium	45.5		E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.17	B	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.9		E	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	96.4		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10			AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.19	U		P
7440-22-4	Silver	0.05	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-77-5	Cyanide				NR

Color Before: BROWN _____ Clarity Before: CLOUDY _____ Texture: _____

Color After: YELLOW _____ Clarity After: CLEAR _____ Artifacts: _____

Comments:

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TOXIKON_CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: SS-14_

Initial Calibration Source: ENV_EXP 7,19

Continuing Calibration Source: ALFA MIX1,2,

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration				M	
	True	Found	%R(1)	True	Found	%R(1)	Found		%R(1)
Aluminum									NR
Antimony									NR
Arsenic	1000.0	1031.84	103.2	5000.0	5068.09	101.4	5022.42	100.4	P
Barium	2000.0	2126.05	106.3	10000.0	10008.49	100.1	9901.80	99.0	P
Beryllium									NR
Cadmium	500.0	499.84	100.0	2500.0	2373.98	95.0	2327.13	93.1	P
Calcium									NR
Chromium	200.0	212.69	106.3	1000.0	1019.73	102.0	1013.86	101.4	P
Cobalt									NR
Copper									NR
Iron									NR
Lead	1000.0	988.14	98.8	5000.0	4744.22	94.9	4729.18	94.6	P
Magnesium									NR
Manganese									NR
Mercury	5.0	5.08	101.6	5.0	5.15	103.0	5.29	105.8	AV
Nickel									NR
Potassium									NR
Selenium	1000.0	1029.49	102.9	5000.0	5099.78	102.0	5084.49	101.7	P
Silver	250.0	260.88	104.4	1250.0	1238.28	99.1	1220.58	97.6	P
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

TEST PIT
SOIL
SAMPLES
TP-1 → TP-8

July 31, 2000

James Baxter
Bergmann Associates
200 First Federal Plaza
288 East Main Street
Rochester, NY 146141909
TEL: (716) 232-5135
FAX: (716) 232-4652

RE: 1200 EAST MAIN STREET

Order No.: 0006643

Dear James Baxter,

Toxikon received 7 samples on 6/30/00 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in a Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Paul Lezberg

Certifications: MA: MA 064, NH: 204099A and 204099B, ME: MA064, RI: 55, VT: MA064, TN: MA
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD

CLIENT: Bergmann Associates
Project: 1200 EAST MAIN STREET
Lab Order: 0006643
Date Received: 6/30/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0006643-01A	TP-1	6/28/00 1:55:00 PM
0006643-02A	TP-7	6/28/00 2:05:00 PM
0006643-03A	TP-5	6/28/00 2:40:00 PM
0006643-04A	TP-2/MS-MSD	6/28/00 1:42:00 PM
0006643-05A	TP-4	6/28/00 1:20:00 PM
0006643-06A	TP-6	6/28/00 1:35:00 PM
0006643-07A	TP-8	6/28/00 1:05:00 PM

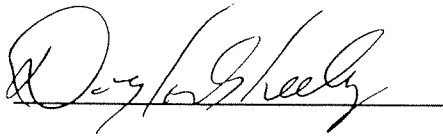
SDG NARRATIVE

Laboratory: Toxikon Corp.

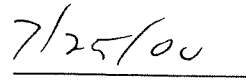
Work Order: 0006643

Samples were analyzed in accordance with SW-846 for PCB's, Metals, Semivolatiles, and Volatiles. All samples were analyzed within the required holding times. The report is assembled in accordance with the contract specifications.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Douglas Sheeley
Laboratory Manager



Date



15 Wiggins Ave., Bedford, MA 01730
 Telephone: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 00 5 643

DUE DATE : 7-12-00

COMPANY: FISHER ASSOCIATES
 ADDRESS: 3495 WINTHROP PLACE - BLDG. C
ROCHESTER N.Y. 14623
 PHONE #: (716) 424-2770 FAX #: (716) 424-2771
 P.O. #: -
 PROJECT MANAGER: CATELEWET / JAMES BAXTER
 PROJECT ID/LOCATION: 1700 E. MAID STREET

- SAMPLE TYPE CONTAINER TYPE
1. WASTEWATER P - PLASTIC
 2. SOIL G - GLASS
 3. SLUDGE V - VOA
 4. OIL
 5. DRINKING WATER
 6. WATER (GW/MW/SW)
 7. OTHER (SPECIFY)

(SU-844) ANALYSES

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES										SPECIAL INSTRUCTIONS/ COMMENTS					
			SIZE	TYPE	#	DATE	TIME		1	2	3	4	5	6	7	8	9	10		11	12			
1K	TP-1	Z	7oz	G		6/18	13:55																	8270, 8270, 8002, 7002 & METALS ARE IN THE SAME CONTAINER FOR EACH OF THE 8 BE JAR ARE LABELED.
	TP-1	Z	8oz	G		6/18	13:55		1															
2K	TP-7	Z	7oz	G		6/18	14:05																	
	TP-7	Z	8oz	G		6/18	14:05		1	1	1													
3K	TP-5	Z	7oz	G		6/18	14:40																	
	TP-5	Z	8oz	G		6/18	14:40		1		1													
4K	TP-2	Z	7oz	G		6/19	1342		3															
	TP-2	Z	8oz	G		6/19	1342			3	3													
5K	TP-4	Z	7oz	G		6/19	1350		1															
	TP-4	Z	8oz	G		6/19	1350			1	1													
6K	TP-6	Z	7oz	G		6/19	1335		1															
	TP-6	Z	8oz	G		6/19	1335			1	1													
07	TP-8	Z	7oz	G		6/19	13:05		1															

SAMPLED BY: MITCH SMITH DATE: 06-29-00

RELINQUISHED BY: [Signature] TIME: VARIE

RELINQUISHED BY: Fedex DATE: 6-30-00

METHOD OF SHIPMENT: Fedex TIME: 9:00 AM

QUOTATION #: _____

RECEIVED BY: _____ DATE: _____

RECEIVED FOR LAB BY: _____ DATE: 6-30-00

COOLER TEMPERATURE: 110 TIME: 9:00 AM

RUSH BUSINESS DAY TURN AROUND
 ROUTINE

Sample disposal information
 Are there any other known or suspected contaminants in these samples other than those listed above?

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-01A

Client Sample ID: TP-1
 Collection Date: 6/28/00 1:55:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	10		mg/Kg-dry	1	7/10/00
Barium	15	20		mg/Kg-dry	1	7/10/00
Cadmium	ND	1.0		mg/Kg-dry	1	7/10/00
Chromium	3.1	1.0		mg/Kg-dry	1	7/10/00
Lead	6.4	5.0		mg/Kg-dry	1	7/10/00
Selenium	ND	25		mg/Kg-dry	1	7/10/00
Silver	ND	1.0		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.083		mg/Kg-dry	1	7/8/00 1:48:10 PM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: PC
Aroclor 1016	ND	50		µg/Kg	1	7/11/00
Aroclor 1221	ND	50		µg/Kg	1	7/11/00
Aroclor 1232	ND	50		µg/Kg	1	7/11/00
Aroclor 1242	ND	50		µg/Kg	1	7/11/00
Aroclor 1248	ND	50		µg/Kg	1	7/11/00
Aroclor 1254	ND	50		µg/Kg	1	7/11/00
Aroclor 1260	ND	50		µg/Kg	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT:	Bergmann Associates	Client Sample ID:	TP-1
Lab Order:	0006643	Collection Date:	6/28/00 1:55:00 PM
Project:	1200 EAST MAIN STREET	Matrix:	SOIL
Lab ID:	0006643-01A		

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00
1,2-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00
1,3-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00
1,4-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00
2,4,5-Trichlorophenol	ND	370		µg/Kg-dry	1	7/11/00
2,4,6-Trichlorophenol	ND	370		µg/Kg-dry	1	7/11/00
2,4-Dichlorophenol	ND	370		µg/Kg-dry	1	7/11/00
2,4-Dimethylphenol	ND	370		µg/Kg-dry	1	7/11/00
2,4-Dinitrophenol	ND	900		µg/Kg-dry	1	7/11/00
2,4-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/11/00
2,6-Dichlorophenol	ND	370		µg/Kg-dry	1	7/11/00
2,6-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/11/00
2-Chloronaphthalene	ND	370		µg/Kg-dry	1	7/11/00
2-Chlorophenol	ND	370		µg/Kg-dry	1	7/11/00
2-Methylnaphthalene	ND	370		µg/Kg-dry	1	7/11/00
2-Methylphenol	ND	370		µg/Kg-dry	1	7/11/00
2-Nitroaniline	ND	900		µg/Kg-dry	1	7/11/00
2-Nitrophenol	ND	370		µg/Kg-dry	1	7/11/00
3,3'-Dichlorobenzidine	ND	900		µg/Kg-dry	1	7/11/00
3-Nitroaniline	ND	370		µg/Kg-dry	1	7/11/00
4,6-Dinitro-2-methylphenol	ND	370		µg/Kg-dry	1	7/11/00
4-Bromophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/11/00
4-Chloro-3-methylphenol	ND	370		µg/Kg-dry	1	7/11/00
4-Chloroaniline	ND	370		µg/Kg-dry	1	7/11/00
4-Chlorophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/11/00
4-Methylphenol	ND	370		µg/Kg-dry	1	7/11/00
4-Nitroaniline	ND	900		µg/Kg-dry	1	7/11/00
4-Nitrophenol	ND	900		µg/Kg-dry	1	7/11/00
Acenaphthene	ND	370		µg/Kg-dry	1	7/11/00
Acenaphthylene	ND	370		µg/Kg-dry	1	7/11/00
Aniline	ND	370		µg/Kg-dry	1	7/11/00
Anthracene	ND	370		µg/Kg-dry	1	7/11/00
Benz(a)anthracene	ND	370		µg/Kg-dry	1	7/11/00
Benzidine	ND	370		µg/Kg-dry	1	7/11/00
Benzo(a)pyrene	ND	370		µg/Kg-dry	1	7/11/00
Benzo(b)fluoranthene	ND	370		µg/Kg-dry	1	7/11/00
Benzo(g,h,i)perylene	ND	370		µg/Kg-dry	1	7/11/00
Benzo(k)fluoranthene	ND	370		µg/Kg-dry	1	7/11/00
Benzoic acid	ND	370		µg/Kg-dry	1	7/11/00
Benzyl alcohol	ND	370		µg/Kg-dry	1	7/11/00

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-01A

Client Sample ID: TP-1
Collection Date: 6/28/00 1:55:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	370		µg/Kg-dry	1	7/11/00
Bis(2-chloroethyl)ether	ND	370		µg/Kg-dry	1	7/11/00
Bis(2-chloroisopropyl)ether	ND	370		µg/Kg-dry	1	7/11/00
Bis(2-ethylhexyl)phthalate	ND	370		µg/Kg-dry	1	7/11/00
Butyl benzyl phthalate	ND	370		µg/Kg-dry	1	7/11/00
Chrysene	ND	370		µg/Kg-dry	1	7/11/00
Di-n-butyl phthalate	ND	370		µg/Kg-dry	1	7/11/00
Di-n-octyl phthalate	ND	370		µg/Kg-dry	1	7/11/00
Dibenz(a,h)anthracene	ND	370		µg/Kg-dry	1	7/11/00
Dibenzofuran	ND	370		µg/Kg-dry	1	7/11/00
Diethyl phthalate	ND	370		µg/Kg-dry	1	7/11/00
Dimethyl phthalate	ND	370		µg/Kg-dry	1	7/11/00
Fluoranthene	ND	370		µg/Kg-dry	1	7/11/00
Fluorene	ND	370		µg/Kg-dry	1	7/11/00
Hexachlorobenzene	ND	370		µg/Kg-dry	1	7/11/00
Hexachlorobutadiene	ND	370		µg/Kg-dry	1	7/11/00
Hexachlorocyclopentadiene	ND	370		µg/Kg-dry	1	7/11/00
Hexachloroethane	ND	370		µg/Kg-dry	1	7/11/00
Indeno(1,2,3-cd)pyrene	ND	370		µg/Kg-dry	1	7/11/00
Isophorone	ND	370		µg/Kg-dry	1	7/11/00
N-Nitrosodi-n-propylamine	ND	370		µg/Kg-dry	1	7/11/00
N-Nitrosodimethylamine	ND	370		µg/Kg-dry	1	7/11/00
N-Nitrosodiphenylamine	ND	370		µg/Kg-dry	1	7/11/00
Naphthalene	ND	370		µg/Kg-dry	1	7/11/00
Nitrobenzene	ND	370		µg/Kg-dry	1	7/11/00
Pentachlorophenol	ND	900		µg/Kg-dry	1	7/11/00
Phenanthrene	ND	370		µg/Kg-dry	1	7/11/00
Phenol	ND	370		µg/Kg-dry	1	7/11/00
Pyrene	ND	370		µg/Kg-dry	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-01A

Client Sample ID: TP-1
 Collection Date: 6/28/00 1:55:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.6		µg/Kg-dry	1	7/12/00
1,1,1-Trichloroethane	ND	5.6		µg/Kg-dry	1	7/12/00
1,1,2,2-Tetrachloroethane	ND	5.6		µg/Kg-dry	1	7/12/00
1,1,2-Trichloroethane	ND	5.6		µg/Kg-dry	1	7/12/00
1,1-Dichloroethane	ND	5.6		µg/Kg-dry	1	7/12/00
1,1-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/12/00
1,1-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/12/00
1,2,3-Trichlorobenzene	ND	5.6		µg/Kg-dry	1	7/12/00
1,2,3-Trichloropropane	ND	5.6		µg/Kg-dry	1	7/12/00
1,2,4-Trichlorobenzene	ND	5.6		µg/Kg-dry	1	7/12/00
1,2,4-Trimethylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
1,2-Dibromo-3-chloropropane	ND	5.6		µg/Kg-dry	1	7/12/00
1,2-Dibromoethane	ND	5.6		µg/Kg-dry	1	7/12/00
1,2-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/12/00
1,2-Dichloroethane	ND	5.6		µg/Kg-dry	1	7/12/00
1,2-Dichloroethene, Total	ND	5.6		µg/Kg-dry	1	7/12/00
1,2-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/12/00
1,3,5-Trimethylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
1,3-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/12/00
1,3-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/12/00
1,4-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/12/00
2,2-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/12/00
2-Butanone	ND	11		µg/Kg-dry	1	7/12/00
2-Chloroethyl vinyl ether	ND	5.6		µg/Kg-dry	1	7/12/00
2-Chlorotoluene	ND	5.6		µg/Kg-dry	1	7/12/00
2-Hexanone	ND	11		µg/Kg-dry	1	7/12/00
4-Chlorotoluene	ND	5.6		µg/Kg-dry	1	7/12/00
4-Isopropyltoluene	ND	5.6		µg/Kg-dry	1	7/12/00
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	7/12/00
Acetone	ND	11		µg/Kg-dry	1	7/12/00
Acrolein	ND	110		µg/Kg-dry	1	7/12/00
Benzene	ND	5.6		µg/Kg-dry	1	7/12/00
Bromobenzene	ND	5.6		µg/Kg-dry	1	7/12/00
Bromochloromethane	ND	5.6		µg/Kg-dry	1	7/12/00
Bromodichloromethane	ND	5.6		µg/Kg-dry	1	7/12/00
Bromoform	ND	5.6		µg/Kg-dry	1	7/12/00
Bromomethane	ND	5.6		µg/Kg-dry	1	7/12/00
Carbon disulfide	ND	5.6		µg/Kg-dry	1	7/12/00
Carbon tetrachloride	ND	5.6		µg/Kg-dry	1	7/12/00
Chlorobenzene	ND	5.6		µg/Kg-dry	1	7/12/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-01A

Client Sample ID: TP-1
 Collection Date: 6/28/00 1:55:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.6		µg/Kg-dry	1	7/12/00
Chloroform	ND	5.6		µg/Kg-dry	1	7/12/00
Chloromethane	ND	5.6		µg/Kg-dry	1	7/12/00
cis-1,2-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/12/00
cis-1,3-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/12/00
Dibromochloromethane	ND	5.6		µg/Kg-dry	1	7/12/00
Dibromomethane	ND	5.6		µg/Kg-dry	1	7/12/00
Dichlorodifluoromethane	ND	5.6		µg/Kg-dry	1	7/12/00
Diethyl Ether	ND	5.6		µg/Kg-dry	1	7/12/00
Ethylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
Hexachlorobutadiene	ND	5.6		µg/Kg-dry	1	7/12/00
Iodomethane	ND	5.6		µg/Kg-dry	1	7/12/00
Isopropylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
m,p-Xylene	ND	5.6		µg/Kg-dry	1	7/12/00
Methyl tert-butyl ether	ND	5.6		µg/Kg-dry	1	7/12/00
Methylene chloride	ND	5.6		µg/Kg-dry	1	7/12/00
n-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
n-Propylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
Naphthalene	ND	5.6		µg/Kg-dry	1	7/12/00
o-Xylene	ND	5.6		µg/Kg-dry	1	7/12/00
sec-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
Styrene	ND	5.6		µg/Kg-dry	1	7/12/00
tert-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/12/00
Tetrachloroethene	ND	5.6		µg/Kg-dry	1	7/12/00
Tetrahydrofuran	ND	11		µg/Kg-dry	1	7/12/00
Toluene	ND	5.6		µg/Kg-dry	1	7/12/00
trans-1,2-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/12/00
trans-1,3-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/12/00
Trichloroethene	ND	5.6		µg/Kg-dry	1	7/12/00
Trichlorofluoromethane	ND	5.6		µg/Kg-dry	1	7/12/00
Vinyl acetate	ND	5.6		µg/Kg-dry	1	7/12/00
Vinyl chloride	ND	5.6		µg/Kg-dry	1	7/12/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-02A

Client Sample ID: TP-7
Collection Date: 6/28/00 2:05:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	10		mg/Kg-dry	1	7/10/00
Barium	65	20		mg/Kg-dry	1	7/10/00
Cadmium	1.2	1.0		mg/Kg-dry	1	7/10/00
Chromium	11	1.0		mg/Kg-dry	1	7/10/00
Lead	350	5.0		mg/Kg-dry	1	7/10/00
Selenium	ND	25		mg/Kg-dry	1	7/10/00
Silver	45	1.0		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	4.8	0.15		mg/Kg-dry	1	7/8/00 1:54:29 PM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: PC
Aroclor 1016	ND	50		µg/Kg	1	7/11/00
Aroclor 1221	ND	50		µg/Kg	1	7/11/00
Aroclor 1232	ND	50		µg/Kg	1	7/11/00
Aroclor 1242	ND	50		µg/Kg	1	7/11/00
Aroclor 1248	ND	50		µg/Kg	1	7/11/00
Aroclor 1254	ND	50		µg/Kg	1	7/11/00
Aroclor 1260	ND	50		µg/Kg	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-02A

Client Sample ID: TP-7
 Collection Date: 6/28/00 2:05:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
1,2-Dichlorobenzene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
1,3-Dichlorobenzene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
1,4-Dichlorobenzene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,4,5-Trichlorophenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,4,6-Trichlorophenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,4-Dichlorophenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,4-Dimethylphenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,4-Dinitrophenol	ND	9,400		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,4-Dinitrotoluene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,6-Dichlorophenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2,6-Dinitrotoluene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2-Chloronaphthalene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2-Chlorophenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2-Methylnaphthalene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2-Methylphenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
2-Nitroaniline	ND	9,400		µg/Kg-dry	1	7/11/00 1:07:00 PM
2-Nitrophenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
3,3'-Dichlorobenzidine	ND	9,400		µg/Kg-dry	1	7/11/00 1:07:00 PM
3-Nitroaniline	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
4,6-Dinitro-2-methylphenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
4-Bromophenyl phenyl ether	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
4-Chloro-3-methylphenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
4-Chloroaniline	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
4-Chlorophenyl phenyl ether	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
4-Methylphenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
4-Nitroaniline	ND	9,400		µg/Kg-dry	1	7/11/00 1:07:00 PM
4-Nitrophenol	ND	9,400		µg/Kg-dry	1	7/11/00 1:07:00 PM
Acenaphthene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Acenaphthylene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Aniline	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Anthracene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benz(a)anthracene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benzidine	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benzo(a)pyrene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benzo(b)fluoranthene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benzo(g,h,i)perylene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benzo(k)fluoranthene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benzoic acid	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Benzyl alcohol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-02A

Client Sample ID: TP-7
Collection Date: 6/28/00 2:05:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Bis(2-chloroethyl)ether	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Bis(2-chloroisopropyl)ether	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Bis(2-ethylhexyl)phthalate	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Butyl benzyl phthalate	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Chrysene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Di-n-butyl phthalate	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Di-n-octyl phthalate	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Dibenz(a,h)anthracene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Dibenzofuran	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Diethyl phthalate	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Dimethyl phthalate	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Fluoranthene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Fluorene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Hexachlorobenzene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Hexachlorobutadiene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Hexachlorocyclopentadiene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Hexachloroethane	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Indeno(1,2,3-cd)pyrene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Isophorone	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
N-Nitrosodi-n-propylamine	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
N-Nitrosodimethylamine	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
N-Nitrosodiphenylamine	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Naphthalene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Nitrobenzene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Pentachlorophenol	ND	9,400		µg/Kg-dry	1	7/11/00 1:07:00 PM
Phenanthrene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Phenol	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM
Pyrene	ND	3,900		µg/Kg-dry	1	7/11/00 1:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-02A

Client Sample ID: TP-7
Collection Date: 6/28/00 2:05:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5,000		µg/Kg-dry	500	7/13/00
1,1,1-Trichloroethane	ND	5,000		µg/Kg-dry	500	7/13/00
1,1,2,2-Tetrachloroethane	ND	5,000		µg/Kg-dry	500	7/13/00
1,1,2-Trichloroethane	ND	5,000		µg/Kg-dry	500	7/13/00
1,1-Dichloroethane	ND	5,000		µg/Kg-dry	500	7/13/00
1,1-Dichloroethene	ND	5,000		µg/Kg-dry	500	7/13/00
1,1-Dichloropropene	ND	5,000		µg/Kg-dry	500	7/13/00
1,2,3-Trichlorobenzene	ND	5,000		µg/Kg-dry	500	7/13/00
1,2,3-Trichloropropane	ND	5,000		µg/Kg-dry	500	7/13/00
1,2,4-Trichlorobenzene	ND	5,000		µg/Kg-dry	500	7/13/00
1,2,4-Trimethylbenzene	33,000	5,000		µg/Kg-dry	500	7/13/00
1,2-Dibromo-3-chloropropane	ND	5,000		µg/Kg-dry	500	7/13/00
1,2-Dibromoethane	ND	5,000		µg/Kg-dry	500	7/13/00
1,2-Dichlorobenzene	ND	5,000		µg/Kg-dry	500	7/13/00
1,2-Dichloroethane	ND	5,000		µg/Kg-dry	500	7/13/00
1,2-Dichloroethene, Total	ND	5,000		µg/Kg-dry	500	7/13/00
1,2-Dichloropropane	ND	5,000		µg/Kg-dry	500	7/13/00
1,3,5-Trimethylbenzene	8,300	5,000		µg/Kg-dry	500	7/13/00
1,3-Dichlorobenzene	ND	5,000		µg/Kg-dry	500	7/13/00
1,3-Dichloropropane	ND	5,000		µg/Kg-dry	500	7/13/00
1,4-Dichlorobenzene	ND	5,000		µg/Kg-dry	500	7/13/00
2,2-Dichloropropane	ND	5,000		µg/Kg-dry	500	7/13/00
2-Butanone	ND	9,900		µg/Kg-dry	500	7/13/00
2-Chloroethyl vinyl ether	ND	5,000		µg/Kg-dry	500	7/13/00
2-Chlorotoluene	ND	5,000		µg/Kg-dry	500	7/13/00
2-Hexanone	ND	9,900		µg/Kg-dry	500	7/13/00
4-Chlorotoluene	ND	5,000		µg/Kg-dry	500	7/13/00
4-Isopropyltoluene	ND	5,000		µg/Kg-dry	500	7/13/00
4-Methyl-2-pentanone	ND	9,900		µg/Kg-dry	500	7/13/00
Acetone	ND	9,900		µg/Kg-dry	500	7/13/00
Acrolein	ND	99,000		µg/Kg-dry	500	7/13/00
Benzene	7,900	5,000		µg/Kg-dry	500	7/13/00
Bromobenzene	ND	5,000		µg/Kg-dry	500	7/13/00
Bromochloromethane	ND	5,000		µg/Kg-dry	500	7/13/00
Bromodichloromethane	ND	5,000		µg/Kg-dry	500	7/13/00
Bromoform	ND	5,000		µg/Kg-dry	500	7/13/00
Bromomethane	ND	5,000		µg/Kg-dry	500	7/13/00
Carbon disulfide	ND	5,000		µg/Kg-dry	500	7/13/00
Carbon tetrachloride	ND	5,000		µg/Kg-dry	500	7/13/00
Chlorobenzene	ND	5,000		µg/Kg-dry	500	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-02A

Client Sample ID: TP-7
Collection Date: 6/28/00 2:05:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5,000		µg/Kg-dry	500	7/13/00
Chloroform	ND	5,000		µg/Kg-dry	500	7/13/00
Chloromethane	ND	5,000		µg/Kg-dry	500	7/13/00
cis-1,2-Dichloroethene	ND	5,000		µg/Kg-dry	500	7/13/00
cis-1,3-Dichloropropene	ND	5,000		µg/Kg-dry	500	7/13/00
Dibromochloromethane	ND	5,000		µg/Kg-dry	500	7/13/00
Dibromomethane	ND	5,000		µg/Kg-dry	500	7/13/00
Dichlorodifluoromethane	ND	5,000		µg/Kg-dry	500	7/13/00
Diethyl Ether	ND	5,000		µg/Kg-dry	500	7/13/00
Ethylbenzene	9,700	5,000		µg/Kg-dry	500	7/13/00
Hexachlorobutadiene	ND	5,000		µg/Kg-dry	500	7/13/00
Iodomethane	ND	5,000		µg/Kg-dry	500	7/13/00
Isopropylbenzene	ND	5,000		µg/Kg-dry	500	7/13/00
m,p-Xylene	30,000	5,000		µg/Kg-dry	500	7/13/00
Methyl tert-butyl ether	ND	5,000		µg/Kg-dry	500	7/13/00
Methylene chloride	ND	5,000		µg/Kg-dry	500	7/13/00
n-Butylbenzene	ND	5,000		µg/Kg-dry	500	7/13/00
n-Propylbenzene	ND	5,000		µg/Kg-dry	500	7/13/00
Naphthalene	ND	5,000		µg/Kg-dry	500	7/13/00
o-Xylene	7,900	5,000		µg/Kg-dry	500	7/13/00
sec-Butylbenzene	ND	5,000		µg/Kg-dry	500	7/13/00
Styrene	ND	5,000		µg/Kg-dry	500	7/13/00
tert-Butylbenzene	ND	5,000		µg/Kg-dry	500	7/13/00
Tetrachloroethene	ND	5,000		µg/Kg-dry	500	7/13/00
Tetrahydrofuran	ND	9,900		µg/Kg-dry	500	7/13/00
Toluene	8,500	5,000		µg/Kg-dry	500	7/13/00
trans-1,2-Dichloroethene	ND	5,000		µg/Kg-dry	500	7/13/00
trans-1,3-Dichloropropene	ND	5,000		µg/Kg-dry	500	7/13/00
Trichloroethene	ND	5,000		µg/Kg-dry	500	7/13/00
Trichlorofluoromethane	ND	5,000		µg/Kg-dry	500	7/13/00
Vinyl acetate	ND	5,000		µg/Kg-dry	500	7/13/00
Vinyl chloride	ND	5,000		µg/Kg-dry	500	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-03A

Client Sample ID: TP-5
 Collection Date: 6/28/00 2:40:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL						Analyst: A
		SW6010B				
Arsenic	ND	10		mg/Kg-dry	1	7/10/00
Barium	21	20		mg/Kg-dry	1	7/10/00
Cadmium	ND	1.0		mg/Kg-dry	1	7/10/00
Chromium	4.6	1.0		mg/Kg-dry	1	7/10/00
Lead	9.2	5.0		mg/Kg-dry	1	7/10/00
Selenium	ND	25		mg/Kg-dry	1	7/10/00
Silver	ND	1.0		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL						Analyst: AS
		SW7471A				
Mercury	ND	0.082		mg/Kg-dry	1	7/8/00 1:57:38 PM
PCBS IN SOIL OR SOLID WASTE						Analyst: PC
		SW8082				
Aroclor 1016	ND	50		µg/Kg	1	7/11/00
Aroclor 1221	ND	50		µg/Kg	1	7/11/00
Aroclor 1232	ND	50		µg/Kg	1	7/11/00
Aroclor 1242	ND	50		µg/Kg	1	7/11/00
Aroclor 1248	ND	50		µg/Kg	1	7/11/00
Aroclor 1254	ND	50		µg/Kg	1	7/11/00
Aroclor 1260	ND	50		µg/Kg	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-03A

Client Sample ID: TP-5
 Collection Date: 6/28/00 2:40:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C			Analyst: PC	
1,2,4-Trichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
1,2-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
1,3-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
1,4-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,4,5-Trichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,4,6-Trichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,4-Dichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,4-Dimethylphenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,4-Dinitrophenol	ND	910		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,4-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,6-Dichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2,6-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2-Chloronaphthalene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2-Chlorophenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2-Methylnaphthalene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2-Methylphenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
2-Nitroaniline	ND	910		µg/Kg-dry	1	7/11/00 1:58:00 PM
2-Nitrophenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
3,3'-Dichlorobenzidine	ND	910		µg/Kg-dry	1	7/11/00 1:58:00 PM
3-Nitroaniline	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
4,6-Dinitro-2-methylphenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
4-Bromophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
4-Chloro-3-methylphenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
4-Chloroaniline	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
4-Chlorophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
4-Methylphenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
4-Nitroaniline	ND	910		µg/Kg-dry	1	7/11/00 1:58:00 PM
4-Nitrophenol	ND	910		µg/Kg-dry	1	7/11/00 1:58:00 PM
Acenaphthene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Acenaphthylene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Aniline	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Anthracene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benz(a)anthracene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benzidine	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benzo(a)pyrene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benzo(b)fluoranthene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benzo(g,h,i)perylene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benzo(k)fluoranthene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benzoic acid	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Benzyl alcohol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT:	Bergmann Associates	Client Sample ID:	TP-5
Lab Order:	0006643	Collection Date:	6/28/00 2:40:00 PM
Project:	1200 EAST MAIN STREET	Matrix:	SOIL
Lab ID:	0006643-03A		

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Bis(2-chloroethyl)ether	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Bis(2-chloroisopropyl)ether	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Bis(2-ethylhexyl)phthalate	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Butyl benzyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Chrysene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Di-n-butyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Di-n-octyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Dibenz(a,h)anthracene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Dibenzofuran	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Diethyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Dimethyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Fluoranthene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Fluorene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Hexachlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Hexachlorobutadiene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Hexachlorocyclopentadiene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Hexachloroethane	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Indeno(1,2,3-cd)pyrene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Isophorone	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
N-Nitrosodi-n-propylamine	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
N-Nitrosodimethylamine	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
N-Nitrosodiphenylamine	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Naphthalene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Nitrobenzene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Pentachlorophenol	ND	910		µg/Kg-dry	1	7/11/00 1:58:00 PM
Phenanthrene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Phenol	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM
Pyrene	ND	370		µg/Kg-dry	1	7/11/00 1:58:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

Toxikon

Date: 31-Jul-00

CLIENT:	Bergmann Associates	Client Sample ID:	TP-5
Lab Order:	0006643	Collection Date:	6/28/00 2:40:00 PM
Project:	1200 EAST MAIN STREET	Matrix:	SOIL
Lab ID:	0006643-03A		

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.7		µg/Kg-dry	1	7/12/00
1,1,1-Trichloroethane	ND	5.7		µg/Kg-dry	1	7/12/00
1,1,2,2-Tetrachloroethane	ND	5.7		µg/Kg-dry	1	7/12/00
1,1,2-Trichloroethane	ND	5.7		µg/Kg-dry	1	7/12/00
1,1-Dichloroethane	ND	5.7		µg/Kg-dry	1	7/12/00
1,1-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/12/00
1,1-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/12/00
1,2,3-Trichlorobenzene	ND	5.7		µg/Kg-dry	1	7/12/00
1,2,3-Trichloropropane	ND	5.7		µg/Kg-dry	1	7/12/00
1,2,4-Trichlorobenzene	ND	5.7		µg/Kg-dry	1	7/12/00
1,2,4-Trimethylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
1,2-Dibromo-3-chloropropane	ND	5.7		µg/Kg-dry	1	7/12/00
1,2-Dibromoethane	ND	5.7		µg/Kg-dry	1	7/12/00
1,2-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/12/00
1,2-Dichloroethane	ND	5.7		µg/Kg-dry	1	7/12/00
1,2-Dichloroethene, Total	ND	5.7		µg/Kg-dry	1	7/12/00
1,2-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/12/00
1,3,5-Trimethylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
1,3-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/12/00
1,3-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/12/00
1,4-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/12/00
2,2-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/12/00
2-Butanone	ND	11		µg/Kg-dry	1	7/12/00
2-Chloroethyl vinyl ether	ND	5.7		µg/Kg-dry	1	7/12/00
2-Chlorotoluene	ND	5.7		µg/Kg-dry	1	7/12/00
2-Hexanone	ND	11		µg/Kg-dry	1	7/12/00
4-Chlorotoluene	ND	5.7		µg/Kg-dry	1	7/12/00
4-Isopropyltoluene	ND	5.7		µg/Kg-dry	1	7/12/00
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	7/12/00
Acetone	ND	11		µg/Kg-dry	1	7/12/00
Acrolein	ND	110		µg/Kg-dry	1	7/12/00
Benzene	ND	5.7		µg/Kg-dry	1	7/12/00
Bromobenzene	ND	5.7		µg/Kg-dry	1	7/12/00
Bromochloromethane	ND	5.7		µg/Kg-dry	1	7/12/00
Bromodichloromethane	ND	5.7		µg/Kg-dry	1	7/12/00
Bromoform	ND	5.7		µg/Kg-dry	1	7/12/00
Bromomethane	ND	5.7		µg/Kg-dry	1	7/12/00
Carbon disulfide	ND	5.7		µg/Kg-dry	1	7/12/00
Carbon tetrachloride	ND	5.7		µg/Kg-dry	1	7/12/00
Chlorobenzene	ND	5.7		µg/Kg-dry	1	7/12/00

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-03A

Client Sample ID: TP-5
Collection Date: 6/28/00 2:40:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.7		µg/Kg-dry	1	7/12/00
Chloroform	ND	5.7		µg/Kg-dry	1	7/12/00
Chloromethane	ND	5.7		µg/Kg-dry	1	7/12/00
cis-1,2-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/12/00
cis-1,3-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/12/00
Dibromochloromethane	ND	5.7		µg/Kg-dry	1	7/12/00
Dibromomethane	ND	5.7		µg/Kg-dry	1	7/12/00
Dichlorodifluoromethane	ND	5.7		µg/Kg-dry	1	7/12/00
Diethyl Ether	ND	5.7		µg/Kg-dry	1	7/12/00
Ethylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
Hexachlorobutadiene	ND	5.7		µg/Kg-dry	1	7/12/00
Iodomethane	ND	5.7		µg/Kg-dry	1	7/12/00
Isopropylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
m,p-Xylene	ND	5.7		µg/Kg-dry	1	7/12/00
Methyl tert-butyl ether	ND	5.7		µg/Kg-dry	1	7/12/00
Methylene chloride	ND	5.7		µg/Kg-dry	1	7/12/00
n-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
n-Propylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
Naphthalene	ND	5.7		µg/Kg-dry	1	7/12/00
o-Xylene	ND	5.7		µg/Kg-dry	1	7/12/00
sec-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
Styrene	ND	5.7		µg/Kg-dry	1	7/12/00
tert-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/12/00
Tetrachloroethene	ND	5.7		µg/Kg-dry	1	7/12/00
Tetrahydrofuran	ND	11		µg/Kg-dry	1	7/12/00
Toluene	ND	5.7		µg/Kg-dry	1	7/12/00
trans-1,2-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/12/00
trans-1,3-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/12/00
Trichloroethene	ND	5.7		µg/Kg-dry	1	7/12/00
Trichlorofluoromethane	ND	5.7		µg/Kg-dry	1	7/12/00
Vinyl acetate	ND	5.7		µg/Kg-dry	1	7/12/00
Vinyl chloride	ND	5.7		µg/Kg-dry	1	7/12/00

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-04A

Client Sample ID: TP-2/MS-MSD
Collection Date: 6/28/00 1:42:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	10		mg/Kg-dry	1	7/10/00
Barium	26	20		mg/Kg-dry	1	7/10/00
Cadmium	ND	1.0		mg/Kg-dry	1	7/10/00
Chromium	6.3	1.0		mg/Kg-dry	1	7/10/00
Lead	5.2	5.0		mg/Kg-dry	1	7/10/00
Selenium	ND	25		mg/Kg-dry	1	7/10/00
Silver	ND	1.0		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.083		mg/Kg-dry	1	7/8/00 2:00:49 PM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: PC
Aroclor 1016	ND	50		µg/Kg	1	7/11/00
Aroclor 1221	ND	50		µg/Kg	1	7/11/00
Aroclor 1232	ND	50		µg/Kg	1	7/11/00
Aroclor 1242	ND	50		µg/Kg	1	7/11/00
Aroclor 1248	ND	50		µg/Kg	1	7/11/00
Aroclor 1254	ND	50		µg/Kg	1	7/11/00
Aroclor 1260	ND	50		µg/Kg	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-04A

Client Sample ID: TP-2/MS-MSD
Collection Date: 6/28/00 1:42:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
1,2-Dichlorobenzene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
1,3-Dichlorobenzene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
1,4-Dichlorobenzene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,4,5-Trichlorophenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,4,6-Trichlorophenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,4-Dichlorophenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,4-Dimethylphenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,4-Dinitrophenol	ND	5,400		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,4-Dinitrotoluene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,6-Dichlorophenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2,6-Dinitrotoluene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2-Chloronaphthalene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2-Chlorophenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2-Methylnaphthalene	5,100	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2-Methylphenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
2-Nitroaniline	ND	5,400		µg/Kg-dry	1	7/11/00 2:48:00 PM
2-Nitrophenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
3,3'-Dichlorobenzidine	ND	5,400		µg/Kg-dry	1	7/11/00 2:48:00 PM
3-Nitroaniline	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
4,6-Dinitro-2-methylphenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
4-Bromophenyl phenyl ether	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
4-Chloro-3-methylphenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
4-Chloroaniline	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
4-Chlorophenyl phenyl ether	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
4-Methylphenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
4-Nitroaniline	ND	5,400		µg/Kg-dry	1	7/11/00 2:48:00 PM
4-Nitrophenol	ND	5,400		µg/Kg-dry	1	7/11/00 2:48:00 PM
Acenaphthene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Acenaphthylene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Aniline	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Anthracene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benz(a)anthracene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benzidine	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benzo(a)pyrene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benzo(b)fluoranthene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benzo(g,h,i)perylene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benzo(k)fluoranthene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benzoic acid	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Benzyl alcohol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-04A

Client Sample ID: TP-2/MS-MSD
Collection Date: 6/28/00 1:42:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Bis(2-chloroethyl)ether	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Bis(2-chloroisopropyl)ether	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Bis(2-ethylhexyl)phthalate	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Butyl benzyl phthalate	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Chrysene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Di-n-butyl phthalate	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Di-n-octyl phthalate	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Dibenz(a,h)anthracene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Dibenzofuran	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Diethyl phthalate	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Dimethyl phthalate	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Fluoranthene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Fluorene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Hexachlorobenzene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Hexachlorobutadiene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Hexachlorocyclopentadiene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Hexachloroethane	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Indeno(1,2,3-cd)pyrene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Isophorone	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
N-Nitrosodi-n-propylamine	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
N-Nitrosodimethylamine	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
N-Nitrosodiphenylamine	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Naphthalene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Nitrobenzene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Pentachlorophenol	ND	5,400		µg/Kg-dry	1	7/11/00 2:48:00 PM
Phenanthrene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Phenol	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM
Pyrene	ND	2,200		µg/Kg-dry	1	7/11/00 2:48:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT:	Bergmann Associates	Client Sample ID:	TP-2/MS-MSD
Lab Order:	0006643	Collection Date:	6/28/00 1:42:00 PM
Project:	1200 EAST MAIN STREET	Matrix:	SOIL
Lab ID:	0006643-04A		

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	280		µg/Kg-dry	50	7/13/00
1,1,1-Trichloroethane	ND	280		µg/Kg-dry	50	7/13/00
1,1,2,2-Tetrachloroethane	ND	280		µg/Kg-dry	50	7/13/00
1,1,2-Trichloroethane	ND	280		µg/Kg-dry	50	7/13/00
1,1-Dichloroethane	ND	280		µg/Kg-dry	50	7/13/00
1,1-Dichloroethene	ND	280		µg/Kg-dry	50	7/13/00
1,1-Dichloropropene	ND	280		µg/Kg-dry	50	7/13/00
1,2,3-Trichlorobenzene	ND	280		µg/Kg-dry	50	7/13/00
1,2,3-Trichloropropane	ND	280		µg/Kg-dry	50	7/13/00
1,2,4-Trichlorobenzene	ND	280		µg/Kg-dry	50	7/13/00
1,2,4-Trimethylbenzene	13,000	570		µg/Kg-dry	50	7/13/00
1,2-Dibromo-3-chloropropane	ND	280		µg/Kg-dry	50	7/13/00
1,2-Dibromoethane	ND	280		µg/Kg-dry	50	7/13/00
1,2-Dichlorobenzene	ND	280		µg/Kg-dry	50	7/13/00
1,2-Dichloroethane	ND	280		µg/Kg-dry	50	7/13/00
1,2-Dichloroethene, Total	ND	280		µg/Kg-dry	50	7/13/00
1,2-Dichloropropane	ND	280		µg/Kg-dry	50	7/13/00
1,3,5-Trimethylbenzene	6,600	280		µg/Kg-dry	50	7/13/00
1,3-Dichlorobenzene	ND	280		µg/Kg-dry	50	7/13/00
1,3-Dichloropropane	ND	280		µg/Kg-dry	50	7/13/00
1,4-Dichlorobenzene	ND	280		µg/Kg-dry	50	7/13/00
2,2-Dichloropropane	ND	280		µg/Kg-dry	50	7/13/00
2-Butanone	1,100	570		µg/Kg-dry	50	7/13/00
2-Chloroethyl vinyl ether	ND	280		µg/Kg-dry	50	7/13/00
2-Chlorotoluene	ND	280		µg/Kg-dry	50	7/13/00
2-Hexanone	ND	570		µg/Kg-dry	50	7/13/00
4-Chlorotoluene	ND	280		µg/Kg-dry	50	7/13/00
4-Isopropyltoluene	3,700	280		µg/Kg-dry	50	7/13/00
4-Methyl-2-pentanone	ND	570		µg/Kg-dry	50	7/13/00
Acetone	ND	570		µg/Kg-dry	50	7/13/00
Acrolein	ND	5,700		µg/Kg-dry	50	7/13/00
Benzene	440	280		µg/Kg-dry	50	7/13/00
Bromobenzene	ND	280		µg/Kg-dry	50	7/13/00
Bromochloromethane	ND	280		µg/Kg-dry	50	7/13/00
Bromodichloromethane	ND	280		µg/Kg-dry	50	7/13/00
Bromoform	ND	280		µg/Kg-dry	50	7/13/00
Bromomethane	ND	280		µg/Kg-dry	50	7/13/00
Carbon disulfide	ND	280		µg/Kg-dry	50	7/13/00
Carbon tetrachloride	ND	280		µg/Kg-dry	50	7/13/00
Chlorobenzene	ND	280		µg/Kg-dry	50	7/13/00

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-04A

Client Sample ID: TP-2/MS-MSD
Collection Date: 6/28/00 1:42:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	280		µg/Kg-dry	50	7/13/00
Chloroform	ND	280		µg/Kg-dry	50	7/13/00
Chloromethane	ND	280		µg/Kg-dry	50	7/13/00
cis-1,2-Dichloroethene	ND	280		µg/Kg-dry	50	7/13/00
cis-1,3-Dichloropropene	ND	280		µg/Kg-dry	50	7/13/00
Dibromochloromethane	ND	280		µg/Kg-dry	50	7/13/00
Dibromomethane	ND	280		µg/Kg-dry	50	7/13/00
Dichlorodifluoromethane	ND	280		µg/Kg-dry	50	7/13/00
Diethyl Ether	ND	280		µg/Kg-dry	50	7/13/00
Ethylbenzene	ND	280		µg/Kg-dry	50	7/13/00
Hexachlorobutadiene	ND	280		µg/Kg-dry	50	7/13/00
Iodomethane	ND	280		µg/Kg-dry	50	7/13/00
Isopropylbenzene	850	280		µg/Kg-dry	50	7/13/00
m,p-Xylene	4,100	280		µg/Kg-dry	50	7/13/00
Methyl tert-butyl ether	ND	280		µg/Kg-dry	50	7/13/00
Methylene chloride	ND	280		µg/Kg-dry	50	7/13/00
n-Butylbenzene	ND	280		µg/Kg-dry	50	7/13/00
n-Propylbenzene	2,100	280		µg/Kg-dry	50	7/13/00
Naphthalene	3,900	280		µg/Kg-dry	50	7/13/00
o-Xylene	1,800	280		µg/Kg-dry	50	7/13/00
sec-Butylbenzene	2,700	280		µg/Kg-dry	50	7/13/00
Styrene	ND	280		µg/Kg-dry	50	7/13/00
tert-Butylbenzene	ND	280		µg/Kg-dry	50	7/13/00
Tetrachloroethene	ND	280		µg/Kg-dry	50	7/13/00
Tetrahydrofuran	ND	570		µg/Kg-dry	50	7/13/00
Toluene	670	280		µg/Kg-dry	50	7/13/00
trans-1,2-Dichloroethene	ND	280		µg/Kg-dry	50	7/13/00
trans-1,3-Dichloropropene	ND	280		µg/Kg-dry	50	7/13/00
Trichloroethene	ND	280		µg/Kg-dry	50	7/13/00
Trichlorofluoromethane	ND	280		µg/Kg-dry	50	7/13/00
Vinyl acetate	ND	280		µg/Kg-dry	50	7/13/00
Vinyl chloride	ND	280		µg/Kg-dry	50	7/13/00

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-05A

Client Sample ID: TP-4
Collection Date: 6/28/00 1:20:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	10		mg/Kg-dry	1	7/10/00
Barium	17	20		mg/Kg-dry	1	7/10/00
Cadmium	ND	1.0		mg/Kg-dry	1	7/10/00
Chromium	4.2	1.0		mg/Kg-dry	1	7/10/00
Lead	3.4	5.0		mg/Kg-dry	1	7/10/00
Selenium	ND	25		mg/Kg-dry	1	7/10/00
Silver	ND	1.0		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.086		mg/Kg-dry	1	7/8/00 2:04:01 PM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: PC
Aroclor 1016	ND	50		µg/Kg	1	7/11/00
Aroclor 1221	ND	50		µg/Kg	1	7/11/00
Aroclor 1232	ND	50		µg/Kg	1	7/11/00
Aroclor 1242	ND	50		µg/Kg	1	7/11/00
Aroclor 1248	ND	50		µg/Kg	1	7/11/00
Aroclor 1254	ND	50		µg/Kg	1	7/11/00
Aroclor 1260	ND	50		µg/Kg	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-05A

Client Sample ID: TP-4
 Collection Date: 6/28/00 1:20:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
1,2-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
1,3-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
1,4-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,4,5-Trichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,4,6-Trichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,4-Dichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,4-Dimethylphenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,4-Dinitrophenol	ND	910		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,4-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,6-Dichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2,6-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2-Chloronaphthalene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2-Chlorophenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2-Methylnaphthalene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2-Methylphenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
2-Nitroaniline	ND	910		µg/Kg-dry	1	7/11/00 3:39:00 PM
2-Nitrophenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
3,3'-Dichlorobenzidine	ND	910		µg/Kg-dry	1	7/11/00 3:39:00 PM
3-Nitroaniline	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
4,6-Dinitro-2-methylphenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
4-Bromophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
4-Chloro-3-methylphenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
4-Chloroaniline	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
4-Chlorophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
4-Methylphenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
4-Nitroaniline	ND	910		µg/Kg-dry	1	7/11/00 3:39:00 PM
4-Nitrophenol	ND	910		µg/Kg-dry	1	7/11/00 3:39:00 PM
Acenaphthene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Acenaphthylene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Aniline	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Anthracene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benz(a)anthracene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benzidine	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benzo(a)pyrene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benzo(b)fluoranthene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benzo(g,h,i)perylene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benzo(k)fluoranthene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benzoic acid	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Benzyl alcohol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-05A

Client Sample ID: TP-4
Collection Date: 6/28/00 1:20:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Bis(2-chloroethyl)ether	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Bis(2-chloroisopropyl)ether	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Bis(2-ethylhexyl)phthalate	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Butyl benzyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Chrysene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Di-n-butyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Di-n-octyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Dibenz(a,h)anthracene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Dibenzofuran	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Diethyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Dimethyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Fluoranthene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Fluorene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Hexachlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Hexachlorobutadiene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Hexachlorocyclopentadiene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Hexachloroethane	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Indeno(1,2,3-cd)pyrene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Isophorone	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
N-Nitrosodi-n-propylamine	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
N-Nitrosodimethylamine	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
N-Nitrosodiphenylamine	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Naphthalene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Nitrobenzene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Pentachlorophenol	ND	910		µg/Kg-dry	1	7/11/00 3:39:00 PM
Phenanthrene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Phenol	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM
Pyrene	ND	380		µg/Kg-dry	1	7/11/00 3:39:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-05A

Client Sample ID: TP-4
 Collection Date: 6/28/00 1:20:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1,1-Trichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1,2,2-Tetrachloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1,2-Trichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1-Dichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
1,1-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,3-Trichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,3-Trichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,4-Trichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,4-Trimethylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dibromo-3-chloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dibromoethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichloroethene, Total	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,3,5-Trimethylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,3-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,3-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,4-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
2,2-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
2-Butanone	ND	11		µg/Kg-dry	1	7/13/00
2-Chloroethyl vinyl ether	ND	5.7		µg/Kg-dry	1	7/13/00
2-Chlorotoluene	ND	5.7		µg/Kg-dry	1	7/13/00
2-Hexanone	ND	11		µg/Kg-dry	1	7/13/00
4-Chlorotoluene	ND	5.7		µg/Kg-dry	1	7/13/00
4-Isopropyltoluene	ND	5.7		µg/Kg-dry	1	7/13/00
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	7/13/00
Acetone	ND	11		µg/Kg-dry	1	7/13/00
Acrolein	ND	110		µg/Kg-dry	1	7/13/00
Benzene	ND	5.7		µg/Kg-dry	1	7/13/00
Bromobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Bromochloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Bromodichloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Bromoform	ND	5.7		µg/Kg-dry	1	7/13/00
Bromomethane	ND	5.7		µg/Kg-dry	1	7/13/00
Carbon disulfide	ND	5.7		µg/Kg-dry	1	7/13/00
Carbon tetrachloride	ND	5.7		µg/Kg-dry	1	7/13/00
Chlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-05A

Client Sample ID: TP-4
 Collection Date: 6/28/00 1:20:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
Chloroform	ND	5.7		µg/Kg-dry	1	7/13/00
Chloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
cis-1,2-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
cis-1,3-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/13/00
Dibromochloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Dibromomethane	ND	5.7		µg/Kg-dry	1	7/13/00
Dichlorodifluoromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Diethyl Ether	ND	5.7		µg/Kg-dry	1	7/13/00
Ethylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Hexachlorobutadiene	ND	5.7		µg/Kg-dry	1	7/13/00
Iodomethane	ND	5.7		µg/Kg-dry	1	7/13/00
Isopropylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
m,p-Xylene	ND	5.7		µg/Kg-dry	1	7/13/00
Methyl tert-butyl ether	ND	5.7		µg/Kg-dry	1	7/13/00
Methylene chloride	ND	5.7		µg/Kg-dry	1	7/13/00
n-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
n-Propylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Naphthalene	ND	5.7		µg/Kg-dry	1	7/13/00
o-Xylene	ND	5.7		µg/Kg-dry	1	7/13/00
sec-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Styrene	ND	5.7		µg/Kg-dry	1	7/13/00
tert-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Tetrachloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
Tetrahydrofuran	ND	11		µg/Kg-dry	1	7/13/00
Toluene	ND	5.7		µg/Kg-dry	1	7/13/00
trans-1,2-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
trans-1,3-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/13/00
Trichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
Trichlorofluoromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Vinyl acetate	ND	5.7		µg/Kg-dry	1	7/13/00
Vinyl chloride	ND	5.7		µg/Kg-dry	1	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-06A

Client Sample ID: TP-6
 Collection Date: 6/28/00 1:35:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	10		mg/Kg-dry	1	7/10/00
Barium	16	20		mg/Kg-dry	1	7/10/00
Cadmium	ND	1.0		mg/Kg-dry	1	7/10/00
Chromium	4.1	1.0		mg/Kg-dry	1	7/10/00
Lead	ND	5.0		mg/Kg-dry	1	7/10/00
Selenium	ND	25		mg/Kg-dry	1	7/10/00
Silver	ND	1.0		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.086		mg/Kg-dry	1	7/8/00 2:07:12 PM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: PC
Aroclor 1016	ND	50		µg/Kg	1	7/11/00
Aroclor 1221	ND	50		µg/Kg	1	7/11/00
Aroclor 1232	ND	50		µg/Kg	1	7/11/00
Aroclor 1242	ND	50		µg/Kg	1	7/11/00
Aroclor 1248	ND	50		µg/Kg	1	7/11/00
Aroclor 1254	ND	50		µg/Kg	1	7/11/00
Aroclor 1260	ND	50		µg/Kg	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-06A

Client Sample ID: TP-6
 Collection Date: 6/28/00 1:35:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C			Analyst: PC	
1,2,4-Trichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
1,2-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
1,3-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
1,4-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,4,5-Trichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,4,6-Trichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,4-Dichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,4-Dimethylphenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,4-Dinitrophenol	ND	900		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,4-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,6-Dichlorophenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2,6-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2-Chloronaphthalene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2-Chlorophenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2-Methylnaphthalene	910	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2-Methylphenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
2-Nitroaniline	ND	900		µg/Kg-dry	1	7/11/00 4:29:00 PM
2-Nitrophenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
3,3'-Dichlorobenzidine	ND	900		µg/Kg-dry	1	7/11/00 4:29:00 PM
3-Nitroaniline	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
4,6-Dinitro-2-methylphenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
4-Bromophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
4-Chloro-3-methylphenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
4-Chloroaniline	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
4-Chlorophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
4-Methylphenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
4-Nitroaniline	ND	900		µg/Kg-dry	1	7/11/00 4:29:00 PM
4-Nitrophenol	ND	900		µg/Kg-dry	1	7/11/00 4:29:00 PM
Acenaphthene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Acenaphthylene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Aniline	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Anthracene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benz(a)anthracene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benzidine	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benzo(a)pyrene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benzo(b)fluoranthene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benzo(g,h,i)perylene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benzo(k)fluoranthene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benzoic acid	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Benzyl alcohol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-06A

Client Sample ID: TP-6
 Collection Date: 6/28/00 1:35:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Bis(2-chloroethyl)ether	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Bis(2-chloroisopropyl)ether	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Bis(2-ethylhexyl)phthalate	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Butyl benzyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Chrysene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Di-n-butyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Di-n-octyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Dibenz(a,h)anthracene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Dibenzofuran	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Diethyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Dimethyl phthalate	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Fluoranthene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Fluorene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Hexachlorobenzene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Hexachlorobutadiene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Hexachlorocyclopentadiene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Hexachloroethane	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Indeno(1,2,3-cd)pyrene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Isophorone	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
N-Nitrosodi-n-propylamine	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
N-Nitrosodimethylamine	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
N-Nitrosodiphenylamine	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Naphthalene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Nitrobenzene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Pentachlorophenol	ND	900		µg/Kg-dry	1	7/11/00 4:29:00 PM
Phenanthrene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Phenol	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM
Pyrene	ND	370		µg/Kg-dry	1	7/11/00 4:29:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-06A

Client Sample ID: TP-6
Collection Date: 6/28/00 1:35:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	56		µg/Kg-dry	10	7/13/00
1,1,1-Trichloroethane	ND	56		µg/Kg-dry	10	7/13/00
1,1,2,2-Tetrachloroethane	ND	56		µg/Kg-dry	10	7/13/00
1,1,2-Trichloroethane	ND	56		µg/Kg-dry	10	7/13/00
1,1-Dichloroethane	ND	56		µg/Kg-dry	10	7/13/00
1,1-Dichloroethene	ND	56		µg/Kg-dry	10	7/13/00
1,1-Dichloropropene	ND	56		µg/Kg-dry	10	7/13/00
1,2,3-Trichlorobenzene	ND	56		µg/Kg-dry	10	7/13/00
1,2,3-Trichloropropane	ND	56		µg/Kg-dry	10	7/13/00
1,2,4-Trichlorobenzene	290	56		µg/Kg-dry	10	7/13/00
1,2,4-Trimethylbenzene	ND	56		µg/Kg-dry	10	7/13/00
1,2-Dibromo-3-chloropropane	ND	56		µg/Kg-dry	10	7/13/00
1,2-Dibromoethane	ND	56		µg/Kg-dry	10	7/13/00
1,2-Dichlorobenzene	ND	56		µg/Kg-dry	10	7/13/00
1,2-Dichloroethane	ND	56		µg/Kg-dry	10	7/13/00
1,2-Dichloroethene, Total	ND	56		µg/Kg-dry	10	7/13/00
1,2-Dichloropropane	ND	56		µg/Kg-dry	10	7/13/00
1,3,5-Trimethylbenzene	380	56		µg/Kg-dry	10	7/13/00
1,3-Dichlorobenzene	ND	56		µg/Kg-dry	10	7/13/00
1,3-Dichloropropane	ND	56		µg/Kg-dry	10	7/13/00
1,4-Dichlorobenzene	ND	56		µg/Kg-dry	10	7/13/00
2,2-Dichloropropane	ND	56		µg/Kg-dry	10	7/13/00
2-Butanone	ND	110		µg/Kg-dry	10	7/13/00
2-Chloroethyl vinyl ether	ND	56		µg/Kg-dry	10	7/13/00
2-Chlorotoluene	ND	56		µg/Kg-dry	10	7/13/00
2-Hexanone	ND	110		µg/Kg-dry	10	7/13/00
4-Chlorotoluene	ND	56		µg/Kg-dry	10	7/13/00
4-Isopropyltoluene	100	56		µg/Kg-dry	10	7/13/00
4-Methyl-2-pentanone	ND	110		µg/Kg-dry	10	7/13/00
Acetone	ND	110		µg/Kg-dry	10	7/13/00
Acrolein	ND	1,100		µg/Kg-dry	10	7/13/00
Benzene	ND	56		µg/Kg-dry	10	7/13/00
Bromobenzene	ND	56		µg/Kg-dry	10	7/13/00
Bromochloromethane	ND	56		µg/Kg-dry	10	7/13/00
Bromodichloromethane	ND	56		µg/Kg-dry	10	7/13/00
Bromoform	ND	56		µg/Kg-dry	10	7/13/00
Bromomethane	ND	56		µg/Kg-dry	10	7/13/00
Carbon disulfide	ND	56		µg/Kg-dry	10	7/13/00
Carbon tetrachloride	ND	56		µg/Kg-dry	10	7/13/00
Chlorobenzene	ND	56		µg/Kg-dry	10	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0006643
Project: 1200 EAST MAIN STREET
Lab ID: 0006643-06A

Client Sample ID: TP-6
Collection Date: 6/28/00 1:35:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	56		µg/Kg-dry	10	7/13/00
Chloroform	ND	56		µg/Kg-dry	10	7/13/00
Chloromethane	ND	56		µg/Kg-dry	10	7/13/00
cis-1,2-Dichloroethene	ND	56		µg/Kg-dry	10	7/13/00
cis-1,3-Dichloropropene	ND	56		µg/Kg-dry	10	7/13/00
Dibromochloromethane	ND	56		µg/Kg-dry	10	7/13/00
Dibromomethane	ND	56		µg/Kg-dry	10	7/13/00
Dichlorodifluoromethane	ND	56		µg/Kg-dry	10	7/13/00
Diethyl Ether	ND	56		µg/Kg-dry	10	7/13/00
Ethylbenzene	ND	56		µg/Kg-dry	10	7/13/00
Hexachlorobutadiene	ND	56		µg/Kg-dry	10	7/13/00
Iodomethane	ND	56		µg/Kg-dry	10	7/13/00
Isopropylbenzene	ND	56		µg/Kg-dry	10	7/13/00
m,p-Xylene	ND	56		µg/Kg-dry	10	7/13/00
Methyl tert-butyl ether	ND	56		µg/Kg-dry	10	7/13/00
Methylene chloride	ND	56		µg/Kg-dry	10	7/13/00
n-Butylbenzene	ND	56		µg/Kg-dry	10	7/13/00
n-Propylbenzene	ND	56		µg/Kg-dry	10	7/13/00
Naphthalene	210	56		µg/Kg-dry	10	7/13/00
o-Xylene	ND	56		µg/Kg-dry	10	7/13/00
sec-Butylbenzene	67	56		µg/Kg-dry	10	7/13/00
Styrene	ND	56		µg/Kg-dry	10	7/13/00
tert-Butylbenzene	ND	56		µg/Kg-dry	10	7/13/00
Tetrachloroethene	ND	56		µg/Kg-dry	10	7/13/00
Tetrahydrofuran	ND	110		µg/Kg-dry	10	7/13/00
Toluene	ND	56		µg/Kg-dry	10	7/13/00
trans-1,2-Dichloroethene	ND	56		µg/Kg-dry	10	7/13/00
trans-1,3-Dichloropropene	ND	56		µg/Kg-dry	10	7/13/00
Trichloroethene	ND	56		µg/Kg-dry	10	7/13/00
Trichlorofluoromethane	ND	56		µg/Kg-dry	10	7/13/00
Vinyl acetate	ND	56		µg/Kg-dry	10	7/13/00
Vinyl chloride	ND	56		µg/Kg-dry	10	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-07A

Client Sample ID: TP-8
 Collection Date: 6/28/00 1:05:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	10		mg/Kg-dry	1	7/10/00
Barium	28	20		mg/Kg-dry	1	7/10/00
Cadmium	ND	1.0		mg/Kg-dry	1	7/10/00
Chromium	5.3	1.0		mg/Kg-dry	1	7/10/00
Lead	12	5.0		mg/Kg-dry	1	7/10/00
Selenium	ND	25		mg/Kg-dry	1	7/10/00
Silver	ND	1.0		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.085		mg/Kg-dry	1	7/8/00 2:10:24 PM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: PC
Aroclor 1016	ND	50		µg/Kg	1	7/11/00
Aroclor 1221	ND	50		µg/Kg	1	7/11/00
Aroclor 1232	ND	50		µg/Kg	1	7/11/00
Aroclor 1242	ND	50		µg/Kg	1	7/11/00
Aroclor 1248	ND	50		µg/Kg	1	7/11/00
Aroclor 1254	ND	50		µg/Kg	1	7/11/00
Aroclor 1260	ND	50		µg/Kg	1	7/11/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-07A

Client Sample ID: TP-8
 Collection Date: 6/28/00 1:05:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS			SW8270C		Analyst: PC	
1,2,4-Trichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
1,2-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
1,3-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
1,4-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,4,5-Trichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,4,6-Trichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,4-Dichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,4-Dimethylphenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,4-Dinitrophenol	ND	910		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,4-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,6-Dichlorophenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2,6-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2-Chloronaphthalene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2-Chlorophenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2-Methylnaphthalene	1,400	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2-Methylphenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
2-Nitroaniline	ND	910		µg/Kg-dry	1	7/11/00 5:19:00 PM
2-Nitrophenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
3,3'-Dichlorobenzidine	ND	910		µg/Kg-dry	1	7/11/00 5:19:00 PM
3-Nitroaniline	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
4,6-Dinitro-2-methylphenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
4-Bromophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
4-Chloro-3-methylphenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
4-Chloroaniline	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
4-Chlorophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
4-Methylphenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
4-Nitroaniline	ND	910		µg/Kg-dry	1	7/11/00 5:19:00 PM
4-Nitrophenol	ND	910		µg/Kg-dry	1	7/11/00 5:19:00 PM
Acenaphthene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Acenaphthylene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Aniline	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Anthracene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benz(a)anthracene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benzidine	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benzo(a)pyrene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benzo(b)fluoranthene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benzo(g,h,i)perylene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benzo(k)fluoranthene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benzoic acid	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Benzyl alcohol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-07A

Client Sample ID: TP-8
 Collection Date: 6/28/00 1:05:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Bis(2-chloroethyl)ether	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Bis(2-chloroisopropyl)ether	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Bis(2-ethylhexyl)phthalate	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Butyl benzyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Chrysene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Di-n-butyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Di-n-octyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Dibenz(a,h)anthracene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Dibenzofuran	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Diethyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Dimethyl phthalate	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Fluoranthene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Fluorene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Hexachlorobenzene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Hexachlorobutadiene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Hexachlorocyclopentadiene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Hexachloroethane	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Indeno(1,2,3-cd)pyrene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Isophorone	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
N-Nitrosodi-n-propylamine	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
N-Nitrosodimethylamine	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
N-Nitrosodiphenylamine	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Naphthalene	500	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Nitrobenzene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Pentachlorophenol	ND	910		µg/Kg-dry	1	7/11/00 5:19:00 PM
Phenanthrene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Phenol	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM
Pyrene	ND	380		µg/Kg-dry	1	7/11/00 5:19:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-07A

Client Sample ID: TP-8
 Collection Date: 6/28/00 1:05:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	290		µg/Kg-dry	50	7/13/00
1,1,1-Trichloroethane	ND	290		µg/Kg-dry	50	7/13/00
1,1,2,2-Tetrachloroethane	ND	290		µg/Kg-dry	50	7/13/00
1,1,2-Trichloroethane	ND	290		µg/Kg-dry	50	7/13/00
1,1-Dichloroethane	ND	290		µg/Kg-dry	50	7/13/00
1,1-Dichloroethene	ND	290		µg/Kg-dry	50	7/13/00
1,1-Dichloropropene	ND	290		µg/Kg-dry	50	7/13/00
1,2,3-Trichlorobenzene	ND	290		µg/Kg-dry	50	7/13/00
1,2,3-Trichloropropane	ND	290		µg/Kg-dry	50	7/13/00
1,2,4-Trichlorobenzene	ND	290		µg/Kg-dry	50	7/13/00
1,2,4-Trimethylbenzene	10,000	290		µg/Kg-dry	50	7/13/00
1,2-Dibromo-3-chloropropane	ND	290		µg/Kg-dry	50	7/13/00
1,2-Dibromoethane	ND	290		µg/Kg-dry	50	7/13/00
1,2-Dichlorobenzene	ND	290		µg/Kg-dry	50	7/13/00
1,2-Dichloroethane	ND	290		µg/Kg-dry	50	7/13/00
1,2-Dichloroethene, Total	ND	290		µg/Kg-dry	50	7/13/00
1,2-Dichloropropane	ND	290		µg/Kg-dry	50	7/13/00
1,3,5-Trimethylbenzene	3,800	290		µg/Kg-dry	50	7/13/00
1,3-Dichlorobenzene	ND	290		µg/Kg-dry	50	7/13/00
1,3-Dichloropropane	ND	290		µg/Kg-dry	50	7/13/00
1,4-Dichlorobenzene	ND	290		µg/Kg-dry	50	7/13/00
2,2-Dichloropropane	ND	290		µg/Kg-dry	50	7/13/00
2-Butanone	960	570		µg/Kg-dry	50	7/13/00
2-Chloroethyl vinyl ether	ND	290		µg/Kg-dry	50	7/13/00
2-Chlorotoluene	ND	290		µg/Kg-dry	50	7/13/00
2-Hexanone	ND	570		µg/Kg-dry	50	7/13/00
4-Chlorotoluene	ND	290		µg/Kg-dry	50	7/13/00
4-Isopropyltoluene	470	290		µg/Kg-dry	50	7/13/00
4-Methyl-2-pentanone	ND	570		µg/Kg-dry	50	7/13/00
Acetone	ND	570		µg/Kg-dry	50	7/13/00
Acrolein	ND	5,700		µg/Kg-dry	50	7/13/00
Benzene	ND	290		µg/Kg-dry	50	7/13/00
Bromobenzene	ND	290		µg/Kg-dry	50	7/13/00
Bromochloromethane	ND	290		µg/Kg-dry	50	7/13/00
Bromodichloromethane	ND	290		µg/Kg-dry	50	7/13/00
Bromoform	ND	290		µg/Kg-dry	50	7/13/00
Bromomethane	ND	290		µg/Kg-dry	50	7/13/00
Carbon disulfide	ND	290		µg/Kg-dry	50	7/13/00
Carbon tetrachloride	ND	290		µg/Kg-dry	50	7/13/00
Chlorobenzene	ND	290		µg/Kg-dry	50	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0006643
 Project: 1200 EAST MAIN STREET
 Lab ID: 0006643-07A

Client Sample ID: TP-8
 Collection Date: 6/28/00 1:05:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	290		µg/Kg-dry	50	7/13/00
Chloroform	ND	290		µg/Kg-dry	50	7/13/00
Chloromethane	ND	290		µg/Kg-dry	50	7/13/00
cis-1,2-Dichloroethene	ND	290		µg/Kg-dry	50	7/13/00
cis-1,3-Dichloropropene	ND	290		µg/Kg-dry	50	7/13/00
Dibromochloromethane	ND	290		µg/Kg-dry	50	7/13/00
Dibromomethane	ND	290		µg/Kg-dry	50	7/13/00
Dichlorodifluoromethane	ND	290		µg/Kg-dry	50	7/13/00
Diethyl Ether	ND	290		µg/Kg-dry	50	7/13/00
Ethylbenzene	1,200	290		µg/Kg-dry	50	7/13/00
Hexachlorobutadiene	ND	290		µg/Kg-dry	50	7/13/00
Iodomethane	ND	290		µg/Kg-dry	50	7/13/00
Isopropylbenzene	ND	290		µg/Kg-dry	50	7/13/00
m,p-Xylene	ND	290		µg/Kg-dry	50	7/13/00
Methyl tert-butyl ether	ND	290		µg/Kg-dry	50	7/13/00
Methylene chloride	ND	290		µg/Kg-dry	50	7/13/00
n-Butylbenzene	ND	290		µg/Kg-dry	50	7/13/00
n-Propylbenzene	840	290		µg/Kg-dry	50	7/13/00
Naphthalene	2,000	290		µg/Kg-dry	50	7/13/00
o-Xylene	4,000	290		µg/Kg-dry	50	7/13/00
sec-Butylbenzene	390	290		µg/Kg-dry	50	7/13/00
Styrene	ND	290		µg/Kg-dry	50	7/13/00
tert-Butylbenzene	ND	290		µg/Kg-dry	50	7/13/00
Tetrachloroethene	ND	290		µg/Kg-dry	50	7/13/00
Tetrahydrofuran	ND	570		µg/Kg-dry	50	7/13/00
Toluene	1,300	290		µg/Kg-dry	50	7/13/00
trans-1,2-Dichloroethene	ND	290		µg/Kg-dry	50	7/13/00
trans-1,3-Dichloropropene	ND	290		µg/Kg-dry	50	7/13/00
Trichloroethene	ND	290		µg/Kg-dry	50	7/13/00
Trichlorofluoromethane	ND	290		µg/Kg-dry	50	7/13/00
Vinyl acetate	ND	290		µg/Kg-dry	50	7/13/00
Vinyl chloride	ND	290		µg/Kg-dry	50	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

pump pit
soil samples
PP 98PP10

July 31, 2000

James Baxter
Bergmann Associates
200 First Federal Plaza
288 East Main Street
Rochester, NY 146141909
TEL: (716) 232-5135
FAX (716) 232-4652

RE: 1200 EAST MAIN ST. ROCHESTER

Order No.: 0007032

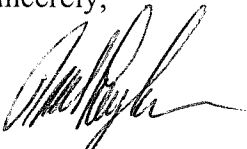
Dear James Baxter,

Toxikon received 4 samples on 7/6/00 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in a Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Paul Lezberg

Certifications: MA: MA 064, NH: 204099A and 204099B, ME: MA064, RI: 55, VT: MA064, TN: MA0
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:

CLIENT: Bergmann Associates
Project: 1200 EAST MAIN ST. ROCHESTER
Lab Order: 0007032
Date Received: 7/6/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0007032-01A	PP-9	6/30/00 9:30:00 AM
0007032-02A	PP-9 field dup	6/30/00 9:30:00 AM
0007032-03A	PP-9	6/30/00 9:30:00 AM
0007032-04A	PP-10	6/30/00 10:00:00 AM

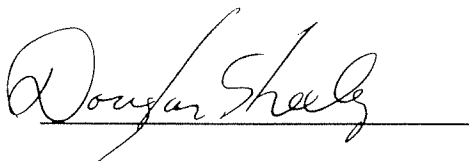
SDG NARRATIVE

Laboratory: Toxikon Corp.

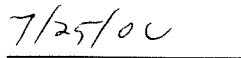
Work Order: 0007032

Samples were analyzed in accordance with SW-846 for Metals, Semivolatiles, and Volatiles. All samples were analyzed within the required holding times. The report is assembled in accordance with the contract specifications.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Douglas Sheeley
Laboratory Manager



Date



15 Wiggins Ave., Bedford, MA 01730
 Telephone: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 00 17 032

DUE DATE: 7 19 00

COMPANY: Fisher Associates
 ADDRESS: 3495 WILSON BLVD C
1200 WENDELL ST. N.J. 14622
 PHONE #: (714) 424-2710 FAX #: (714) 424-2771
 P.O. #: _____
 PROJECT MANAGER: CAROL EWELE / JAMES BURTON
 PROJECT ID/LOCATION: 1200 EAST MAIN ST.

TOXICON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER		SAMPLING DATE	SAMPLING TIME	PRESERVATIVE	SAMPLE TYPE	CONTAINER TYPE	ANALYSES	SPECIAL INSTRUCTIONS/ COMMENTS
			SIZE	TYPE #							
1	PP-9	Z	2oz	G	6-30	9:30		1	P-PLASTIC	0260 0270 0280 0290 0300 0310 0320 0330 0340 0350 0360 0370 0380 0390 0400	
2	PP-9	Z	8oz	G	6-30	9:30		1	G-GLASS		
3	PP-9	Z	2oz	G	6-30	9:30		1	V-VOA		
4	PP-9	Z	8oz	G	6-30	9:30					
5	PP-9	Z	2oz	G	6-30	9:30					Received Broken
6	PP-9	Z	8oz	G	6-30	9:30					Just Empty
7	PP-10	Z	2oz	G	6-30	10:00		1			
8	PP-10	Z	8oz	G	6-30	10:00		1			

SAMPLED BY: MICHAEL SMITH QUOTATION #: _____
 RELINQUISHED BY: MICHAEL SMITH RECEIVED BY: _____
 DATE: 7-5-00 TIME: 5:30-00 DATE: _____ TIME: _____
 RELINQUISHED BY: FEDER DATE: 7-6-00 TIME: 9:00-AM
 METHOD OF SHIPMENT: _____ COOLER TEMPERATURE: _____

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
 Sample disposal information
 Are there any other known or suspected contaminants in these samples other than those listed above?

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0007032
Project: 1200 EAST MAIN ST. ROCHESTER
Lab ID: 0007032-01A

Client Sample ID: PP-9
Collection Date: 6/30/00 9:30:00 AM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL						Analyst: A
Arsenic	7.8	5.5		mg/Kg-dry	1	7/10/00
Barium	53	11		mg/Kg-dry	1	7/10/00
Cadmium	1.1	0.55		mg/Kg-dry	1	7/10/00
Chromium	14	0.55		mg/Kg-dry	1	7/10/00
Lead	15	2.8		mg/Kg-dry	1	7/10/00
Selenium	ND	14		mg/Kg-dry	1	7/10/00
Silver	ND	0.55		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL						Analyst: AS
Mercury	0.097	0.089		mg/Kg-dry	1	7/8/00 2:13:37 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-01A

Client Sample ID: PP-9
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
1,2-Dichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
1,3-Dichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
1,4-Dichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,4,5-Trichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,4,6-Trichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,4-Dichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,4-Dimethylphenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,4-Dinitrophenol	ND	950		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,4-Dinitrotoluene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,6-Dichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2,6-Dinitrotoluene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2-Chloronaphthalene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2-Chlorophenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2-Methylnaphthalene	430	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2-Methylphenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
2-Nitroaniline	ND	950		µg/Kg-dry	1	7/11/00 6:10:00 PM
2-Nitrophenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
3,3'-Dichlorobenzidine	ND	950		µg/Kg-dry	1	7/11/00 6:10:00 PM
3-Nitroaniline	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
4,6-Dinitro-2-methylphenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
4-Bromophenyl phenyl ether	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
4-Chloro-3-methylphenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
4-Chloroaniline	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
4-Chlorophenyl phenyl ether	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
4-Methylphenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
4-Nitroaniline	ND	950		µg/Kg-dry	1	7/11/00 6:10:00 PM
4-Nitrophenol	ND	950		µg/Kg-dry	1	7/11/00 6:10:00 PM
Acenaphthene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Acenaphthylene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Aniline	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Anthracene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benz(a)anthracene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benzidine	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benzo(a)pyrene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benzo(b)fluoranthene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benzo(g,h,i)perylene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benzo(k)fluoranthene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benzoic acid	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Benzyl alcohol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-01A

Client Sample ID: PP-9
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Bis(2-chloroethyl)ether	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Bis(2-chloroisopropyl)ether	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Bis(2-ethylhexyl)phthalate	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Butyl benzyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Chrysene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Di-n-butyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Di-n-octyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Dibenz(a,h)anthracene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Dibenzofuran	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Diethyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Dimethyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Fluoranthene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Fluorene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Hexachlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Hexachlorobutadiene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Hexachlorocyclopentadiene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Hexachloroethane	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Indeno(1,2,3-cd)pyrene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Isophorone	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
N-Nitrosodi-n-propylamine	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
N-Nitrosodimethylamine	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
N-Nitrosodiphenylamine	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Naphthalene	770	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Nitrobenzene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Pentachlorophenol	ND	950		µg/Kg-dry	1	7/11/00 6:10:00 PM
Phenanthrene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Phenol	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM
Pyrene	ND	390		µg/Kg-dry	1	7/11/00 6:10:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-01A

Client Sample ID: PP-9
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1,1-Trichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1,2,2-Tetrachloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1,2-Trichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1-Dichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1-Dichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
1,1-Dichloropropene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,3-Trichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,3-Trichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,4-Trichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,4-Trimethylbenzene	24,000	1,500		µg/Kg-dry	250	7/14/00
1,2-Dibromo-3-chloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dibromoethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichloroethene, Total	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,3,5-Trimethylbenzene	12,000	1,500		µg/Kg-dry	250	7/14/00
1,3-Dichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,3-Dichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,4-Dichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
2,2-Dichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
2-Butanone	ND	3,000		µg/Kg-dry	250	7/14/00
2-Chloroethyl vinyl ether	ND	1,500		µg/Kg-dry	250	7/14/00
2-Chlorotoluene	ND	1,500		µg/Kg-dry	250	7/14/00
2-Hexanone	ND	3,000		µg/Kg-dry	250	7/14/00
4-Chlorotoluene	ND	1,500		µg/Kg-dry	250	7/14/00
4-Isopropyltoluene	2,400	1,500		µg/Kg-dry	250	7/14/00
4-Methyl-2-pentanone	ND	3,000		µg/Kg-dry	250	7/14/00
Acetone	ND	3,000		µg/Kg-dry	250	7/14/00
Acrolein	ND	30,000		µg/Kg-dry	250	7/14/00
Benzene	ND	1,500		µg/Kg-dry	250	7/14/00
Bromobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
Bromochloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Bromodichloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Bromoform	ND	1,500		µg/Kg-dry	250	7/14/00
Bromomethane	ND	1,500		µg/Kg-dry	250	7/14/00
Carbon disulfide	ND	1,500		µg/Kg-dry	250	7/14/00
Carbon tetrachloride	ND	1,500		µg/Kg-dry	250	7/14/00
Chlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-01A

Client Sample ID: PP-9
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
Chloroform	ND	1,500		µg/Kg-dry	250	7/14/00
Chloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
cis-1,2-Dichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
cis-1,3-Dichloropropene	ND	1,500		µg/Kg-dry	250	7/14/00
Dibromochloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Dibromomethane	ND	1,500		µg/Kg-dry	250	7/14/00
Dichlorodifluoromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Diethyl Ether	ND	1,500		µg/Kg-dry	250	7/14/00
Ethylbenzene	7,600	1,500		µg/Kg-dry	250	7/14/00
Hexachlorobutadiene	ND	1,500		µg/Kg-dry	250	7/14/00
Iodomethane	ND	1,500		µg/Kg-dry	250	7/14/00
Isopropylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
m,p-Xylene	34,000	1,500		µg/Kg-dry	250	7/14/00
Methyl tert-butyl ether	ND	1,500		µg/Kg-dry	250	7/14/00
Methylene chloride	ND	1,500		µg/Kg-dry	250	7/14/00
n-Butylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
n-Propylbenzene	3,000	1,500		µg/Kg-dry	250	7/14/00
Naphthalene	3,800	1,500		µg/Kg-dry	250	7/14/00
o-Xylene	9,900	1,500		µg/Kg-dry	250	7/14/00
sec-Butylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
Styrene	ND	1,500		µg/Kg-dry	250	7/14/00
tert-Butylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
Tetrachloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
Tetrahydrofuran	ND	3,000		µg/Kg-dry	250	7/14/00
Toluene	ND	1,500		µg/Kg-dry	250	7/14/00
trans-1,2-Dichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
trans-1,3-Dichloropropene	ND	1,500		µg/Kg-dry	250	7/14/00
Trichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
Trichlorofluoromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Vinyl acetate	ND	1,500		µg/Kg-dry	250	7/14/00
Vinyl chloride	ND	1,500		µg/Kg-dry	250	7/14/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-02A

Client Sample ID: PP-9 field dup
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	5.7	5.5		mg/Kg-dry	1	7/10/00
Barium	38	11		mg/Kg-dry	1	7/10/00
Cadmium	0.74	0.55		mg/Kg-dry	1	7/10/00
Chromium	9.5	0.55		mg/Kg-dry	1	7/10/00
Lead	24	2.8		mg/Kg-dry	1	7/10/00
Selenium	ND	14		mg/Kg-dry	1	7/10/00
Silver	ND	0.55		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.093		mg/Kg-dry	1	7/8/00 2:23:20 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-02A

Client Sample ID: PP-9 field dup
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
1,2-Dichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
1,3-Dichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
1,4-Dichlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,4,5-Trichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,4,6-Trichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,4-Dichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,4-Dimethylphenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,4-Dinitrophenol	ND	940		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,4-Dinitrotoluene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,6-Dichlorophenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2,6-Dinitrotoluene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2-Chloronaphthalene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2-Chlorophenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2-Methylnaphthalene	570	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2-Methylphenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
2-Nitroaniline	ND	940		µg/Kg-dry	1	7/11/00 7:00:00 PM
2-Nitrophenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
3,3'-Dichlorobenzidine	ND	940		µg/Kg-dry	1	7/11/00 7:00:00 PM
3-Nitroaniline	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
4,6-Dinitro-2-methylphenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
4-Bromophenyl phenyl ether	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
4-Chloro-3-methylphenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
4-Chloroaniline	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
4-Chlorophenyl phenyl ether	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
4-Methylphenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
4-Nitroaniline	ND	940		µg/Kg-dry	1	7/11/00 7:00:00 PM
4-Nitrophenol	ND	940		µg/Kg-dry	1	7/11/00 7:00:00 PM
Acenaphthene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Acenaphthylene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Aniline	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Anthracene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benz(a)anthracene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benzidine	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benzo(a)pyrene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benzo(b)fluoranthene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benzo(g,h,i)perylene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benzo(k)fluoranthene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benzoic acid	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Benzyl alcohol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-02A

Client Sample ID: PP-9 field dup
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Bis(2-chloroethyl)ether	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Bis(2-chloroisopropyl)ether	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Bis(2-ethylhexyl)phthalate	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Butyl benzyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Chrysene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Di-n-butyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Di-n-octyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Dibenz(a,h)anthracene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Dibenzofuran	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Diethyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Dimethyl phthalate	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Fluoranthene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Fluorene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Hexachlorobenzene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Hexachlorobutadiene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Hexachlorocyclopentadiene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Hexachloroethane	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Indeno(1,2,3-cd)pyrene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Isophorone	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
N-Nitrosodi-n-propylamine	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
N-Nitrosodimethylamine	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
N-Nitrosodiphenylamine	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Naphthalene	950	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Nitrobenzene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Pentachlorophenol	ND	940		µg/Kg-dry	1	7/11/00 7:00:00 PM
Phenanthrene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Phenol	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM
Pyrene	ND	390		µg/Kg-dry	1	7/11/00 7:00:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-02A

Client Sample ID: PP-9 field dup
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1,1-Trichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1,2,2-Tetrachloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1,2-Trichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1-Dichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,1-Dichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
1,1-Dichloropropene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,3-Trichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,3-Trichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,4-Trichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2,4-Trimethylbenzene	15,000	1,500		µg/Kg-dry	250	7/14/00
1,2-Dibromo-3-chloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dibromoethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichloroethene, Total	ND	1,500		µg/Kg-dry	250	7/14/00
1,2-Dichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,3,5-Trimethylbenzene	9,600	1,500		µg/Kg-dry	250	7/14/00
1,3-Dichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
1,3-Dichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
1,4-Dichlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
2,2-Dichloropropane	ND	1,500		µg/Kg-dry	250	7/14/00
2-Butanone	ND	3,000		µg/Kg-dry	250	7/14/00
2-Chloroethyl vinyl ether	ND	1,500		µg/Kg-dry	250	7/14/00
2-Chlorotoluene	ND	1,500		µg/Kg-dry	250	7/14/00
2-Hexanone	ND	3,000		µg/Kg-dry	250	7/14/00
4-Chlorotoluene	ND	1,500		µg/Kg-dry	250	7/14/00
4-Isopropyltoluene	3,000	1,500		µg/Kg-dry	250	7/14/00
4-Methyl-2-pentanone	ND	3,000		µg/Kg-dry	250	7/14/00
Acetone	ND	3,000		µg/Kg-dry	250	7/14/00
Acrolein	ND	30,000		µg/Kg-dry	250	7/14/00
Benzene	1,600	1,500		µg/Kg-dry	250	7/14/00
Bromobenzene	ND	1,500		µg/Kg-dry	250	7/14/00
Bromochloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Bromodichloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Bromoform	ND	1,500		µg/Kg-dry	250	7/14/00
Bromomethane	ND	1,500		µg/Kg-dry	250	7/14/00
Carbon disulfide	ND	1,500		µg/Kg-dry	250	7/14/00
Carbon tetrachloride	ND	1,500		µg/Kg-dry	250	7/14/00
Chlorobenzene	ND	1,500		µg/Kg-dry	250	7/14/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-02A

Client Sample ID: PP-9 field dup
 Collection Date: 6/30/00 9:30:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	1,500		µg/Kg-dry	250	7/14/00
Chloroform	ND	1,500		µg/Kg-dry	250	7/14/00
Chloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
cis-1,2-Dichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
cis-1,3-Dichloropropene	ND	1,500		µg/Kg-dry	250	7/14/00
Dibromochloromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Dibromomethane	ND	1,500		µg/Kg-dry	250	7/14/00
Dichlorodifluoromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Diethyl Ether	ND	1,500		µg/Kg-dry	250	7/14/00
Ethylbenzene	7,900	1,500		µg/Kg-dry	250	7/14/00
Hexachlorobutadiene	ND	1,500		µg/Kg-dry	250	7/14/00
Iodomethane	ND	1,500		µg/Kg-dry	250	7/14/00
Isopropylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
m,p-Xylene	33,000	1,500		µg/Kg-dry	250	7/14/00
Methyl tert-butyl ether	ND	1,500		µg/Kg-dry	250	7/14/00
Methylene chloride	ND	1,500		µg/Kg-dry	250	7/14/00
n-Butylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
n-Propylbenzene	1,700	1,500		µg/Kg-dry	250	7/14/00
Naphthalene	2,100	1,500		µg/Kg-dry	250	7/14/00
o-Xylene	12,000	1,500		µg/Kg-dry	250	7/14/00
sec-Butylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
Styrene	ND	1,500		µg/Kg-dry	250	7/14/00
tert-Butylbenzene	ND	1,500		µg/Kg-dry	250	7/14/00
Tetrachloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
Tetrahydrofuran	ND	3,000		µg/Kg-dry	250	7/14/00
Toluene	ND	1,500		µg/Kg-dry	250	7/14/00
trans-1,2-Dichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
trans-1,3-Dichloropropene	ND	1,500		µg/Kg-dry	250	7/14/00
Trichloroethene	ND	1,500		µg/Kg-dry	250	7/14/00
Trichlorofluoromethane	ND	1,500		µg/Kg-dry	250	7/14/00
Vinyl acetate	ND	1,500		µg/Kg-dry	250	7/14/00
Vinyl chloride	ND	1,500		µg/Kg-dry	250	7/14/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
Lab Order: 0007032
Project: 1200 EAST MAIN ST. ROCHESTER
Lab ID: 0007032-04A

Client Sample ID: PP-10
Collection Date: 6/30/00 10:00:00 AM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	6.5	5.5		mg/Kg-dry	1	7/10/00
Barium	31	11		mg/Kg-dry	1	7/10/00
Cadmium	0.85	0.55		mg/Kg-dry	1	7/10/00
Chromium	9.9	0.55		mg/Kg-dry	1	7/10/00
Lead	36	2.8		mg/Kg-dry	1	7/10/00
Selenium	ND	14		mg/Kg-dry	1	7/10/00
Silver	ND	0.55		mg/Kg-dry	1	7/10/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.088		mg/Kg-dry	1	7/8/00 2:26:33 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-04A

Client Sample ID: PP-10
 Collection Date: 6/30/00 10:00:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
1,2-Dichlorobenzene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
1,3-Dichlorobenzene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
1,4-Dichlorobenzene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,4,5-Trichlorophenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,4,6-Trichlorophenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,4-Dichlorophenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,4-Dimethylphenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,4-Dinitrophenol	ND	4,400		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,4-Dinitrotoluene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,6-Dichlorophenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2,6-Dinitrotoluene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2-Chloronaphthalene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2-Chlorophenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2-Methylnaphthalene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2-Methylphenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
2-Nitroaniline	ND	4,400		µg/Kg-dry	5	7/12/00 11:59:00 AM
2-Nitrophenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
3,3'-Dichlorobenzidine	ND	4,400		µg/Kg-dry	5	7/12/00 11:59:00 AM
3-Nitroaniline	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
4,6-Dinitro-2-methylphenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
4-Bromophenyl phenyl ether	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
4-Chloro-3-methylphenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
4-Chloroaniline	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
4-Chlorophenyl phenyl ether	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
4-Methylphenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
4-Nitroaniline	ND	4,400		µg/Kg-dry	5	7/12/00 11:59:00 AM
4-Nitrophenol	ND	4,400		µg/Kg-dry	5	7/12/00 11:59:00 AM
Acenaphthene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Acenaphthylene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Aniline	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Anthracene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benz(a)anthracene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benzidine	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benzo(a)pyrene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benzo(b)fluoranthene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benzo(g,h,i)perylene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benzo(k)fluoranthene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benzoic acid	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Benzyl alcohol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-04A

Client Sample ID: PP-10
 Collection Date: 6/30/00 10:00:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Bis(2-chloroethyl)ether	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Bis(2-chloroisopropyl)ether	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Bis(2-ethylhexyl)phthalate	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Butyl benzyl phthalate	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Chrysene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Di-n-butyl phthalate	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Di-n-octyl phthalate	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Dibenz(a,h)anthracene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Dibenzofuran	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Diethyl phthalate	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Dimethyl phthalate	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Fluoranthene	1,800	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Fluorene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Hexachlorobenzene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Hexachlorobutadiene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Hexachlorocyclopentadiene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Hexachloroethane	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Indeno(1,2,3-cd)pyrene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Isophorone	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
N-Nitrosodi-n-propylamine	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
N-Nitrosodimethylamine	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
N-Nitrosodiphenylamine	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Naphthalene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Nitrobenzene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Pentachlorophenol	ND	4,400		µg/Kg-dry	5	7/12/00 11:59:00 AM
Phenanthrene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Phenol	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM
Pyrene	ND	1,800		µg/Kg-dry	5	7/12/00 11:59:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates

Client Sample ID: PP-10

Lab Order: 0007032

Collection Date: 6/30/00 10:00:00 AM

Project: 1200 EAST MAIN ST. ROCHESTER

Matrix: SOIL

Lab ID: 0007032-04A

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.6		µg/Kg-dry	1	7/14/00
1,1,1-Trichloroethane	ND	5.6		µg/Kg-dry	1	7/14/00
1,1,2,2-Tetrachloroethane	ND	5.6		µg/Kg-dry	1	7/14/00
1,1,2-Trichloroethane	ND	5.6		µg/Kg-dry	1	7/14/00
1,1-Dichloroethane	ND	5.6		µg/Kg-dry	1	7/14/00
1,1-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/14/00
1,1-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/14/00
1,2,3-Trichlorobenzene	ND	5.6		µg/Kg-dry	1	7/14/00
1,2,3-Trichloropropane	ND	5.6		µg/Kg-dry	1	7/14/00
1,2,4-Trichlorobenzene	23	5.6		µg/Kg-dry	1	7/14/00
1,2,4-Trimethylbenzene	ND	5.6		µg/Kg-dry	1	7/14/00
1,2-Dibromo-3-chloropropane	ND	5.6		µg/Kg-dry	1	7/14/00
1,2-Dibromoethane	ND	5.6		µg/Kg-dry	1	7/14/00
1,2-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/14/00
1,2-Dichloroethane	ND	5.6		µg/Kg-dry	1	7/14/00
1,2-Dichloroethene, Total	ND	5.6		µg/Kg-dry	1	7/14/00
1,2-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/14/00
1,3,5-Trimethylbenzene	19	5.6		µg/Kg-dry	1	7/14/00
1,3-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/14/00
1,3-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/14/00
1,4-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/14/00
2,2-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/14/00
2-Butanone	ND	11		µg/Kg-dry	1	7/14/00
2-Chloroethyl vinyl ether	ND	5.6		µg/Kg-dry	1	7/14/00
2-Chlorotoluene	ND	5.6		µg/Kg-dry	1	7/14/00
2-Hexanone	ND	11		µg/Kg-dry	1	7/14/00
4-Chlorotoluene	ND	5.6		µg/Kg-dry	1	7/14/00
4-Isopropyltoluene	ND	5.6		µg/Kg-dry	1	7/14/00
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	7/14/00
Acetone	ND	11		µg/Kg-dry	1	7/14/00
Acrolein	ND	110		µg/Kg-dry	1	7/14/00
Benzene	ND	5.6		µg/Kg-dry	1	7/14/00
Bromobenzene	ND	5.6		µg/Kg-dry	1	7/14/00
Bromochloromethane	ND	5.6		µg/Kg-dry	1	7/14/00
Bromodichloromethane	ND	5.6		µg/Kg-dry	1	7/14/00
Bromoform	ND	5.6		µg/Kg-dry	1	7/14/00
Bromomethane	ND	5.6		µg/Kg-dry	1	7/14/00
Carbon disulfide	ND	5.6		µg/Kg-dry	1	7/14/00
Carbon tetrachloride	ND	5.6		µg/Kg-dry	1	7/14/00
Chlorobenzene	ND	5.6		µg/Kg-dry	1	7/14/00

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Toxikon

Date: 31-Jul-00

CLIENT: Bergmann Associates
 Lab Order: 0007032
 Project: 1200 EAST MAIN ST. ROCHESTER
 Lab ID: 0007032-04A

Client Sample ID: PP-10
 Collection Date: 6/30/00 10:00:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.6		µg/Kg-dry	1	7/14/00
Chloroform	ND	5.6		µg/Kg-dry	1	7/14/00
Chloromethane	ND	5.6		µg/Kg-dry	1	7/14/00
cis-1,2-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/14/00
cis-1,3-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/14/00
Dibromochloromethane	ND	5.6		µg/Kg-dry	1	7/14/00
Dibromomethane	ND	5.6		µg/Kg-dry	1	7/14/00
Dichlorodifluoromethane	ND	5.6		µg/Kg-dry	1	7/14/00
Diethyl Ether	ND	5.6		µg/Kg-dry	1	7/14/00
Ethylbenzene	ND	5.6		µg/Kg-dry	1	7/14/00
Hexachlorobutadiene	ND	5.6		µg/Kg-dry	1	7/14/00
Iodomethane	ND	5.6		µg/Kg-dry	1	7/14/00
Isopropylbenzene	ND	5.6		µg/Kg-dry	1	7/14/00
m,p-Xylene	ND	5.6		µg/Kg-dry	1	7/14/00
Methyl tert-butyl ether	ND	5.6		µg/Kg-dry	1	7/14/00
Methylene chloride	ND	5.6		µg/Kg-dry	1	7/14/00
n-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/14/00
n-Propylbenzene	ND	5.6		µg/Kg-dry	1	7/14/00
Naphthalene	7.6	5.6		µg/Kg-dry	1	7/14/00
o-Xylene	ND	5.6		µg/Kg-dry	1	7/14/00
sec-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/14/00
Styrene	ND	5.6		µg/Kg-dry	1	7/14/00
tert-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/14/00
Tetrachloroethene	ND	5.6		µg/Kg-dry	1	7/14/00
Tetrahydrofuran	ND	11		µg/Kg-dry	1	7/14/00
Toluene	ND	5.6		µg/Kg-dry	1	7/14/00
trans-1,2-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/14/00
trans-1,3-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/14/00
Trichloroethene	ND	5.6		µg/Kg-dry	1	7/14/00
Trichlorofluoromethane	ND	5.6		µg/Kg-dry	1	7/14/00
Vinyl acetate	ND	5.6		µg/Kg-dry	1	7/14/00
Vinyl chloride	ND	5.6		µg/Kg-dry	1	7/14/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

SS
subsurface
↑
surface
soil
samples
SS -1 → SS = 21

SO -18
SO -17
SO -19

September 22, 2000

James Baxter
Bergmann Associates
200 First Federal Plaza
288 East Main Street
Rochester, NY 146141909
TEL: (716) 232-5135
FAX (716) 232-4652

RE: 1200 EAST MAIN STREET

Order No.: 0007089


Dear James Baxter,

Toxikon received 17 samples on 7/7/00 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in a Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,


Paul Lezberg

Certifications: MA: MA 064, NH: 204099A and 204099B, ME: MA064, RI: 55, VT: MA064, TN: MA0
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:

000001

SDG NARRATIVE

Laboratory: Toxikon Corp.
Work Order: 0007089

Samples were analyzed in accordance with SW-846 for PCB's, Metals, Semivolatiles, Volatiles, and misc parameters. All samples were analyzed within the required holding times.

Samples that required a full ASP data package were received with samples that didn't require a full ASP data package. The non-ASP data package is the first section of this data package, the ASP data package is in the second section.

VOLATILES:

No problems were encountered. The spike results are in the previous Work Order for this project.

SEMIVOLATILES:

No problems were encountered. One sample required analysis at a dilution due to the sample matrix.

CASE NARRATIVE FOR METALS

Work Orders 0007089

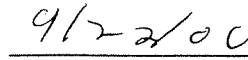
Cadmium demonstrated a matrix spike recovery out of control limits due to matrix interference. This was confirmed by the analysis of a post digestion spike sample. Cadmium demonstrated a % recovery in the post digest sample within control limits.

Several metals demonstrated serial dilution % RPD's out of control limits. However, all metals that demonstrated serial dilution % RPD's out of control limits demonstrated % RPD's within control limits between the sample and its duplicate.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Douglas Sheeley
Laboratory Manager



Date

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Project: 1200 EAST MAIN STREET
Lab Order: 0007089
Date Received: 7/7/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0007089-01A	SS-1	7/6/00 10:24:00 AM
0007089-02A	SS-7	7/5/00 2:32:00 PM
0007089-03A	SS-10	7/5/00 12:30:00 PM
0007089-04A	SS-12	7/5/00 1:35:00 PM
0007089-05A	SS-14	7/6/00 8:05:00 AM
0007089-06A	SS-16	7/6/00 10:20:00 AM
0007089-07A	SS-17	7/6/00 11:05:00 AM
0007089-08A	SS-18	7/6/00 11:35:00 AM
0007089-09A	SS-19	7/6/00 12:10:00 PM
0007089-10A	SS-20	7/6/00 12:40:00 PM
0007089-11A	SS-21	7/6/00 1:15:00 PM
0007089-12A	SO-17	7/9/00 8:07:00 AM
0007089-13A	SO-18	7/7/00 8:12:00 AM
0007089-14A	SS-2	7/7/00 10:05:00 AM
0007089-15A	SS-9	7/5/00 11:45:00 AM
0007089-16A	SS-14	7/6/00
0007089-17A	SO-19	7/7/00 8:20:00 AM

000005'

Toxikon

Sample Receipt Checklist

Client Name: FISHER ASSOCIATES

Date and Time Received: 7/10/00 9:00 AM

Work Order Number 00-07-089

Received by: Scott Cooper

Matrix: SOIL

Reviewed by: _____
Initials | Date

Carrier name: FEDEX UPS USPS WALK-IN COURIER OTHER

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No N/A
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No N/A

Adjusted? _____ Checked by _____

Checklist completed by: Scott Cooper 7/10/00
Signature | Date

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: SAMPLE CONTAINERS BROKEN IN TRANSIT; SAMPLE #7: 1 OF 3
JARS BROKEN. SAMPLE #9: 2 OF 3 JARS BROKEN. SAMPLE #11: 1 OF 2 JARS
BROKEN. SAMPLE #15 1 OF 2 JARS BROKEN. SAMPLE #16 1 OF 5 JARS BROKEN.

Corrective Action: ALL JARS BROKEN WERE TRANSFERRED INTO NEW CONTAINERS.

15 Wiggins Av Bedford, MA 01730
 Tele: e: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

For **BERGMANN ASSOCIATES**

1084

DUE DATE : 7.9.00

COMPANY: FISHER ASSOCIATES
 ADDRESS: 3495 WILTON PARK-Bldg C
ROCHESTER N.Y. 14623
 PHONE #: (716) 424-2770 FAX #: (716) 424-2771
 P.O. #: _____
 PROJECT MANAGER: CARLENEC / JED BAXTOR
 PROJECT ID/LOCATION: 1100 EAST MAID ST

- SAMPLE TYPE** **CONTAINER TYPE**
- 1. WASTEWATER P - PLASTIC
 - 2. SOIL G - GLASS
 - 3. SLUDGE V - VOA
 - 4. OIL
 - 5. DRINKING WATER
 - 6. WATER (GW/MW/SW)
 - 7. OTHER (SPECIFY)

ANALYSES

000000
 02160
 0270 + 2000
 PCB COMPOSITE
 TOC
 PCB
 SPECIAL INSTRUCTIONS/COMMENTS

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES												SPECIAL INSTRUCTIONS/COMMENTS							
			SIZE	TYPE	#	DATE	TIME																					
1	SS-1	L	400	G		7-6-00	10:24	1																				
	SS-1	L	800	G		7-6-00	10:24		1																			
2	SS-7	L	200	G		7-5-00	1432	1																				
	SS-7	L	800	G		7-5-00	14:32		1																			
3	SS-10	L	200	G		7-5-00	1230	1																				
	SS-10	L	800	G		7-5-00	1230		1																			
4	SS-12	L	200	G		7-5-00	1335	1																				
	SS-12	L	800	G		7-5-00	1335		1																			
5	SS-14	L	200	G		7-6-00	8:05	1																				
	SS-14	L	800	G		7-6-00	8:05		1	1	1	1																
6	SS-16	L	200	G		7-6-00	1020	1																				
	SS-16	L	800	G		7-6-00	1020		1																			
7	SS-17	L	200	G		7-6-00	1105	1																				

SAMPLED BY: MCM
MITCH SMITH
 RELINQUISHED BY: MCM
NISS MAIER
 RELINQUISHED BY: NISS MAIER
 METHOD OF SHIPMENT: FED-EX

DATE: 7-6-00 QUOTATION #:
 TIME: VARIABLE
 RECEIVED BY: NISS MAIER
 RECEIVED FOR LAB BY: SCOT CORE
 COOLER TEMPERATURE: 4.0°C

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
 Sample disposal information
 Are there any other known or suspected contaminants in these samples other than those listed above?
 Yes _____ No If Yes, 1st Known _____

15 Wilbur Ave., Bedford, MA 01730
 Telephone: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

For BERGMANN ASSOCIATES 2004

DUE DATE 7-19-06

COMPANY: FISHER ASSOCIATES
 ADDRESS: 3495 DUTTON PLACE BLDG C
ROCHESTER, N.Y. 14623
 PHONE #: (716) 424-2770 FAX #: (716) 424-2771
 P.O. #: _____
 PROJECT MANAGER: CARL ELLER / JES BAYTER
 PROJECT ID/LOCATION: 1700 E. MAIN STREET

- SAMPLE TYPE CONTAINER TYPE
- 1. WASTEWATER P - PLASTIC
 - 2. SOIL G - GLASS
 - 3. SLUDGE V - VOA
 - 4. OIL
 - 5. DRINKING WATER
 - 6. WATER (GWMW/SW)
 - 7. OTHER (SPECIFY)

ANALYSES										S INSTRUC CON	
8260	8270	PCB	TOC	PCB							

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES										S INSTRUC CON				
			SIZE	TYPE	#	DATE	TIME		8260	8270	PCB	TOC	PCB										
9	52-17	2	4oz	G		7-6-00	1105																
	52-17	2	8oz	G		7-6-00	1105		1														
8	52-18	2	8oz	G		7-6-00	1135		1														
	52-18	2	2oz	G		7-6-00	1135		1														
7	52-19	2	2oz	G		7-6-00	1210		1														
	52-19	2	8oz	G		7-6-00	1210		1														
	52-19	2	4oz	G		7-6-00	1210					1											
10	52-20	2	4oz	G		7-6-00	1240		1														
	52-20	2	8oz	G		7-6-00	1240			1													
11	52-21	2	2oz	G		7-6-00	1315		1														
	52-21	2	8oz	G		7-6-00	1315			1													
12	52-17	2	4oz	G		7-9-00	807		1														
	52-17	2	8oz	G		7-9-00	807			1													

SAMPLED BY: <u>MCM</u> <u>MITCH SMITH</u>	DATE: <u>7-6-00</u>	QUOTATION #:	
	TIME: <u>11:00 AM</u>		
RELINQUISHED BY: <u>MM / AM</u>	DATE: <u>7-7-00</u>	RECEIVED BY: <u>Nicole Mair</u>	DATE: <u>7-07-00</u>
	TIME: <u>2:30-00</u>	RECEIVED FOR LAB BY: <u>Scott Cooper</u>	TIME: <u>2:30-</u>
RELINQUISHED BY: <u>Nicole Mair</u>	DATE: <u>7-07-00</u>	COOLER TEMPERATURE <u>4.00C</u>	DATE: <u>7-10-00</u>
	TIME: <u>3:30-</u>		TIME: <u>9:00-AM</u>
METHOD OF SHIPMENT <u>Fed. Ex</u>			

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
 Sample disposal information
 Are there any other known or suspected contaminants in these samples other than those listed above?
 Yes ___ No If Yes, 1st Known _____

15 Wiggins
Bedford, MA 01730
Phone: (781) 275-3330
Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 07-07-089

For BERGMANN ASSOCIATES 3 of 4

DUE DATE : 7-19-00

COMPANY: Fisher Associates
ADDRESS: 3495 WINTHROP PLACE - Bldg C
ROCHESTER, N.Y. 14623
PHONE #: (716) 424-2776 FAX #: (716) 424-2771
P.O. #:
PROJECT MANAGER: CARLENE / JEB BARTER
PROJECT ID/LOCATION: 1300 EAST MAIN ST

- | SAMPLE TYPE | CONTAINER TYPE |
|---------------------|----------------|
| 1. WASTEWATER | P - PLASTIC |
| 2. SOIL | G - GLASS |
| 3. SLUDGE | V - VOA |
| 4. OIL | |
| 5. DRINKING WATER | |
| 6. WATER (GW/MW/SW) | |
| 7. OTHER (SPECIFY) | |

ANALYSES

000000

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES												SPECI INSTRUCTION COMMEN																	
			SIZE	TYPE	#	DATE	TIME																															
	SD-18	2	4oz	G		7-7-00	8:12		1																													
	SD-18	2	8oz	G		7-7-00	8:12			1	1																											

SAMPLED BY: Mitch Smith
RELINQUISHED BY: Mitch Smith
RELINQUISHED BY: Nicole Maier
METHOD OF SHIPMENT: Fed-Ex

DATE: 7-6-00
TIME: Varies
DATE: 7-7-00
TIME: 2:30-00
DATE: 7-07-00
TIME: 3:30

QUOTATION #:
RECEIVED BY: Nicole Maier
RECEIVED FOR LAB BY: Kath Coors
COOLER TEMPERATURE: 4.0°C

DATE: 7-07-00
TIME: 2:30
DATE: 7-10-00
TIME: 9:00 AM

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
Sample disposal information
Are there any other known or suspected contaminants in these samples other than those listed above?
Yes No If Yes, 1st Known

15 Wiggins Bedford, MA 01730
 Telephone: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 01-0871

DUE DATE : 7-19-00

FOR BERGMANN ASSOCIATES

4 of 4

COMPANY: FISHER ASSOCIATES
 ADDRESS: 3495 WINDY PLACE - BLDG C
ROCHESTER, NJ 04673
 PHONE #: (716) 424-2700 FAX #: (716) 424-2711
 P.O. #: _____
 PROJECT MANAGER: CAROL ELLER / JEFF BARTER
 PROJECT ID/LOCATION: 100 EAST MAIN ST.

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	SAMPLE TYPE										CONTAINER TYPE	(ASP) ANALYSES	SPECIAL INSTRUCTIONS COMMENT						
			SIZE	TYPE	#	DATE	TIME		1. WASTEWATER	2. SOIL	3. SLUDGE	4. OIL	5. DRINKING WATER	6. WATER (GWMW/SW)	7. OTHER (SPECIFY)												
14	65-7	2	4oz	G		7-7-00	10 ⁰⁵		1																	600000	
	42-7	2	8oz	G		7-7-00	10 ⁰⁵			1																	
15	42-9	2	2oz	G		7-5-00	1145		1																		
	45-9	2	8oz	G		7-5-00	1145			1																	
16	42-14	2	2oz	G		7-6-00	805		1																		
	42-14	2	8oz	G		7-6-00	805			1				1	1												
17	50-19	2	4oz	G		7-7-00	8 ³⁰		1																		
	60-19	2	8oz	G		7-7-00	8 ³⁰			1						1											

SAMPLED BY: MC
MITCH SMITH
 RELINQUISHED BY: [Signature]
 RELINQUISHED BY: Michelle Maier
 METHOD OF SHIPMENT: Fed-Ex

DATE: 7-6-00
 TIME: Varies
 DATE: 7-7-00
 TIME: 2-30-00
 DATE: 7-07-00
 TIME: 3-30-

QUOTATION #:
 RECEIVED BY: Michelle Maier
 RECEIVED FOR LAB BY: Heath Cooper
 COOLER TEMPERATURE: 4.0°C

DATE: 7-07-00
 TIME: 2-30-
 DATE: 7-10-00
 TIME: 9-00-AM

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
 Sample disposal information
 Are there any other known or suspected contaminants in these samples other than those listed above?
 Yes _____ No If Yes, 1st Known _____

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-01A

Client Sample ID: SS-1
 Collection Date: 7/6/00 10:24:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
% SOLIDS		D2216				Analyst: CR
Percent Solids	86	0		wt%	1	7/13/00
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	5.5		mg/Kg-dry	1	7/13/00
Barium	15	11		mg/Kg-dry	1	7/13/00
Cadmium	ND	0.55		mg/Kg-dry	1	7/13/00
Chromium	3.0	0.55		mg/Kg-dry	1	7/13/00
Lead	ND	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.084		mg/Kg-dry	1	7/13/00 10:25:29 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

000010

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-01A

Client Sample ID: SS-1
 Collection Date: 7/6/00 10:24:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
1,2-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
1,3-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
1,4-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2,4,5-Trichlorophenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2,4,6-Trichlorophenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2,4-Dichlorophenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2,4-Dimethylphenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2,4-Dinitrophenol	ND	930		µg/Kg-dry	1	7/19/00 6:35:00 PM
2,4-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2,6-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2-Chloronaphthalene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2-Chlorophenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2-Methylnaphthalene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2-Methylphenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
2-Nitroaniline	ND	930		µg/Kg-dry	1	7/19/00 6:35:00 PM
2-Nitrophenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
3,3'-Dichlorobenzidine	ND	930		µg/Kg-dry	1	7/19/00 6:35:00 PM
3-Nitroaniline	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
4,6-Dinitro-2-methylphenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
4-Bromophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
4-Chloro-3-methylphenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
4-Chloroaniline	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
4-Chlorophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
4-Methylphenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
4-Nitroaniline	ND	930		µg/Kg-dry	1	7/19/00 6:35:00 PM
4-Nitrophenol	ND	930		µg/Kg-dry	1	7/19/00 6:35:00 PM
Acenaphthene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Acenaphthylene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Aniline	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Anthracene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benz(a)anthracene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benzidine	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benzo(a)pyrene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benzo(b)fluoranthene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benzo(g,h,i)perylene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benzo(k)fluoranthene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benzoic acid	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Benzyl alcohol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Bis(2-chloroethoxy)methane	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-01A

Client Sample ID: SS-1
 Collection Date: 7/6/00 10:24:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Bis(2-chloroisopropyl)ether	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Bis(2-ethylhexyl)phthalate	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Butyl benzyl phthalate	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Chrysene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Di-n-butyl phthalate	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Di-n-octyl phthalate	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Dibenz(a,h)anthracene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Dibenzofuran	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Diethyl phthalate	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Dimethyl phthalate	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Fluoranthene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Fluorene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Hexachlorobenzene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Hexachlorobutadiene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Hexachlorocyclopentadiene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Hexachloroethane	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Isophorone	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
N-Nitroso-di-n-propylamine	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
N-Nitrosodimethylamine	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
N-Nitrosodiphenylamine	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Naphthalene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Nitrobenzene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Pentachlorophenol	ND	930		µg/Kg-dry	1	7/19/00 6:35:00 PM
Phenanthrene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Phenol	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
Pyrene	ND	380		µg/Kg-dry	1	7/19/00 6:35:00 PM
TOTAL ORGANIC CARBON		E415.1				Analyst: ADM
Organic Carbon, Total	2,500	1.0		mg/Kg-dry	1	7/12/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-01A

Client Sample ID: SS-1
 Collection Date: 7/6/00 10:24:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS			SW8260B			Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.8		µg/Kg-dry	1	7/17/00
1,1,1-Trichloroethane	ND	5.8		µg/Kg-dry	1	7/17/00
1,1,2,2-Tetrachloroethane	ND	5.8		µg/Kg-dry	1	7/17/00
1,1,2-Trichloroethane	ND	5.8		µg/Kg-dry	1	7/17/00
1,1-Dichloroethane	ND	5.8		µg/Kg-dry	1	7/17/00
1,1-Dichloroethene	ND	5.8		µg/Kg-dry	1	7/17/00
1,1-Dichloropropene	ND	5.8		µg/Kg-dry	1	7/17/00
1,2,3-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	7/17/00
1,2,3-Trichloropropane	ND	5.8		µg/Kg-dry	1	7/17/00
1,2,4-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	7/17/00
1,2,4-Trimethylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
1,2-Dibromo-3-chloropropane	ND	5.8		µg/Kg-dry	1	7/17/00
1,2-Dibromoethane	ND	5.8		µg/Kg-dry	1	7/17/00
1,2-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	7/17/00
1,2-Dichloroethane	ND	5.8		µg/Kg-dry	1	7/17/00
1,2-Dichloroethene, Total	ND	5.8		µg/Kg-dry	1	7/17/00
1,2-Dichloropropane	ND	5.8		µg/Kg-dry	1	7/17/00
1,3,5-Trimethylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
1,3-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	7/17/00
1,3-Dichloropropane	ND	5.8		µg/Kg-dry	1	7/17/00
1,4-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	7/17/00
2,2-Dichloropropane	ND	5.8		µg/Kg-dry	1	7/17/00
2-Butanone	ND	12		µg/Kg-dry	1	7/17/00
2-Chloroethyl vinyl ether	ND	5.8		µg/Kg-dry	1	7/17/00
2-Chlorotoluene	ND	5.8		µg/Kg-dry	1	7/17/00
2-Hexanone	ND	12		µg/Kg-dry	1	7/17/00
4-Chlorotoluene	ND	5.8		µg/Kg-dry	1	7/17/00
4-Isopropyltoluene	ND	5.8		µg/Kg-dry	1	7/17/00
4-Methyl-2-pentanone	ND	12		µg/Kg-dry	1	7/17/00
Acetone	18	12		µg/Kg-dry	1	7/17/00
Acrolein	ND	120		µg/Kg-dry	1	7/17/00
Benzene	ND	5.8		µg/Kg-dry	1	7/17/00
Bromobenzene	ND	5.8		µg/Kg-dry	1	7/17/00
Bromochloromethane	ND	5.8		µg/Kg-dry	1	7/17/00
Bromodichloromethane	ND	5.8		µg/Kg-dry	1	7/17/00
Bromoform	ND	5.8		µg/Kg-dry	1	7/17/00
Bromomethane	ND	5.8		µg/Kg-dry	1	7/17/00
Carbon disulfide	ND	5.8		µg/Kg-dry	1	7/17/00
Carbon tetrachloride	ND	5.8		µg/Kg-dry	1	7/17/00
Chlorobenzene	ND	5.8		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-01A

Client Sample ID: SS-1
Collection Date: 7/6/00 10:24:00 AM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.8		µg/Kg-dry	1	7/17/00
Chloroform	ND	5.8		µg/Kg-dry	1	7/17/00
Chloromethane	ND	5.8		µg/Kg-dry	1	7/17/00
cis-1,2-Dichloroethene	ND	5.8		µg/Kg-dry	1	7/17/00
cis-1,3-Dichloropropene	ND	5.8		µg/Kg-dry	1	7/17/00
Dibromochloromethane	ND	5.8		µg/Kg-dry	1	7/17/00
Dibromomethane	ND	5.8		µg/Kg-dry	1	7/17/00
Dichlorodifluoromethane	ND	5.8		µg/Kg-dry	1	7/17/00
Diethyl Ether	ND	5.8		µg/Kg-dry	1	7/17/00
Ethylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
Hexachlorobutadiene	ND	5.8		µg/Kg-dry	1	7/17/00
Iodomethane	ND	5.8		µg/Kg-dry	1	7/17/00
Isopropylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
m,p-Xylene	ND	5.8		µg/Kg-dry	1	7/17/00
Methyl tert-butyl ether	ND	5.8		µg/Kg-dry	1	7/17/00
Methylene chloride	ND	5.8		µg/Kg-dry	1	7/17/00
n-Butylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
n-Propylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
Naphthalene	ND	5.8		µg/Kg-dry	1	7/17/00
o-Xylene	ND	5.8		µg/Kg-dry	1	7/17/00
sec-Butylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
Styrene	ND	5.8		µg/Kg-dry	1	7/17/00
tert-Butylbenzene	ND	5.8		µg/Kg-dry	1	7/17/00
Tetrachloroethene	ND	5.8		µg/Kg-dry	1	7/17/00
Tetrahydrofuran	ND	12		µg/Kg-dry	1	7/17/00
Toluene	ND	5.8		µg/Kg-dry	1	7/17/00
trans-1,2-Dichloroethene	ND	5.8		µg/Kg-dry	1	7/17/00
trans-1,3-Dichloropropene	ND	5.8		µg/Kg-dry	1	7/17/00
Trichloroethene	ND	5.8		µg/Kg-dry	1	7/17/00
Trichlorofluoromethane	ND	5.8		µg/Kg-dry	1	7/17/00
Vinyl acetate	ND	5.8		µg/Kg-dry	1	7/17/00
Vinyl chloride	ND	5.8		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-02A

Client Sample ID: SS-7
 Collection Date: 7/5/00 2:32:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	5.5		mg/Kg-dry	1	7/13/00
Barium	18	11		mg/Kg-dry	1	7/13/00
Cadmium	ND	0.55		mg/Kg-dry	1	7/13/00
Chromium	3.9	0.55		mg/Kg-dry	1	7/13/00
Lead	ND	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.086		mg/Kg-dry	1	7/13/00 10:28:37 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-02A

Client Sample ID: SS-7
 Collection Date: 7/5/00 2:32:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
1,2-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
1,3-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
1,4-Dichlorobenzene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2,4,5-Trichlorophenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2,4,6-Trichlorophenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2,4-Dichlorophenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2,4-Dimethylphenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2,4-Dinitrophenol	ND	890		µg/Kg-dry	1	7/19/00 7:21:00 PM
2,4-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2,6-Dinitrotoluene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2-Chloronaphthalene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2-Chlorophenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2-Methylnaphthalene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2-Methylphenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
2-Nitroaniline	ND	890		µg/Kg-dry	1	7/19/00 7:21:00 PM
2-Nitrophenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
3,3'-Dichlorobenzidine	ND	890		µg/Kg-dry	1	7/19/00 7:21:00 PM
3-Nitroaniline	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
4,6-Dinitro-2-methylphenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
4-Bromophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
4-Chloro-3-methylphenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
4-Chloroaniline	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
4-Chlorophenyl phenyl ether	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
4-Methylphenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
4-Nitroaniline	ND	890		µg/Kg-dry	1	7/19/00 7:21:00 PM
4-Nitrophenol	ND	890		µg/Kg-dry	1	7/19/00 7:21:00 PM
Acenaphthene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Acenaphthylene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Aniline	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Anthracene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benz(a)anthracene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benzdine	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benzo(a)pyrene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benzo(b)fluoranthene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benzo(g,h,i)perylene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benzo(k)fluoranthene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benzoic acid	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Benzyl alcohol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Bis(2-chloroethoxy)methane	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-02A

Client Sample ID: SS-7
Collection Date: 7/5/00 2:32:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Bis(2-chloroisopropyl)ether	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Bis(2-ethylhexyl)phthalate	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Butyl benzyl phthalate	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Chrysene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Di-n-butyl phthalate	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Di-n-octyl phthalate	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Dibenz(a,h)anthracene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Dibenzofuran	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Diethyl phthalate	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Dimethyl phthalate	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Fluoranthene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Fluorene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Hexachlorobenzene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Hexachlorobutadiene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Hexachlorocyclopentadiene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Hexachloroethane	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Indeno(1,2,3-cd)pyrene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Isophorone	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
N-Nitroso-di-n-propylamine	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
N-Nitrosodimethylamine	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
N-Nitrosodiphenylamine	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Naphthalene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Nitrobenzene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Pentachlorophenol	ND	890		µg/Kg-dry	1	7/19/00 7:21:00 PM
Phenanthrene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Phenol	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM
Pyrene	ND	370		µg/Kg-dry	1	7/19/00 7:21:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-02A

Client Sample ID: SS-7
 Collection Date: 7/5/00 2:32:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS				SW8260B		Analyst: XL
1,1,1,2-Tetrachloroethane	ND	280		µg/Kg-dry	50	7/18/00
1,1,1-Trichloroethane	ND	280		µg/Kg-dry	50	7/18/00
1,1,2,2-Tetrachloroethane	ND	280		µg/Kg-dry	50	7/18/00
1,1,2-Trichloroethane	ND	280		µg/Kg-dry	50	7/18/00
1,1-Dichloroethane	ND	280		µg/Kg-dry	50	7/18/00
1,1-Dichloroethene	ND	280		µg/Kg-dry	50	7/18/00
1,1-Dichloropropene	ND	280		µg/Kg-dry	50	7/18/00
1,2,3-Trichlorobenzene	ND	280		µg/Kg-dry	50	7/18/00
1,2,3-Trichloropropane	ND	280		µg/Kg-dry	50	7/18/00
1,2,4-Trichlorobenzene	ND	280		µg/Kg-dry	50	7/18/00
1,2,4-Trimethylbenzene	1,500	280		µg/Kg-dry	50	7/18/00
1,2-Dibromo-3-chloropropane	ND	280		µg/Kg-dry	50	7/18/00
1,2-Dibromoethane	ND	280		µg/Kg-dry	50	7/18/00
1,2-Dichlorobenzene	ND	280		µg/Kg-dry	50	7/18/00
1,2-Dichloroethane	ND	280		µg/Kg-dry	50	7/18/00
1,2-Dichloroethene, Total	ND	280		µg/Kg-dry	50	7/18/00
1,2-Dichloropropane	ND	280		µg/Kg-dry	50	7/18/00
1,3,5-Trimethylbenzene	580	280		µg/Kg-dry	50	7/18/00
1,3-Dichlorobenzene	ND	280		µg/Kg-dry	50	7/18/00
1,3-Dichloropropane	ND	280		µg/Kg-dry	50	7/18/00
1,4-Dichlorobenzene	ND	280		µg/Kg-dry	50	7/18/00
2,2-Dichloropropane	ND	280		µg/Kg-dry	50	7/18/00
2-Butanone	ND	560		µg/Kg-dry	50	7/18/00
2-Chloroethyl vinyl ether	ND	280		µg/Kg-dry	50	7/18/00
2-Chlorotoluene	ND	280		µg/Kg-dry	50	7/18/00
2-Hexanone	ND	560		µg/Kg-dry	50	7/18/00
4-Chlorotoluene	ND	280		µg/Kg-dry	50	7/18/00
4-Isopropyltoluene	ND	280		µg/Kg-dry	50	7/18/00
4-Methyl-2-pentanone	ND	560		µg/Kg-dry	50	7/18/00
Acetone	ND	560		µg/Kg-dry	50	7/18/00
Acrolein	ND	5,600		µg/Kg-dry	50	7/18/00
Benzene	ND	280		µg/Kg-dry	50	7/18/00
Bromobenzene	ND	280		µg/Kg-dry	50	7/18/00
Bromochloromethane	ND	280		µg/Kg-dry	50	7/18/00
Bromodichloromethane	ND	280		µg/Kg-dry	50	7/18/00
Bromoform	ND	280		µg/Kg-dry	50	7/18/00
Bromomethane	ND	280		µg/Kg-dry	50	7/18/00
Carbon disulfide	ND	280		µg/Kg-dry	50	7/18/00
Carbon tetrachloride	ND	280		µg/Kg-dry	50	7/18/00
Chlorobenzene	ND	280		µg/Kg-dry	50	7/18/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-02A

Client Sample ID: SS-7
 Collection Date: 7/5/00 2:32:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	280		µg/Kg-dry	50	7/18/00
Chloroform	ND	280		µg/Kg-dry	50	7/18/00
Chloromethane	ND	280		µg/Kg-dry	50	7/18/00
cis-1,2-Dichloroethene	ND	280		µg/Kg-dry	50	7/18/00
cis-1,3-Dichloropropene	ND	280		µg/Kg-dry	50	7/18/00
Dibromochloromethane	ND	280		µg/Kg-dry	50	7/18/00
Dibromomethane	ND	280		µg/Kg-dry	50	7/18/00
Dichlorodifluoromethane	ND	280		µg/Kg-dry	50	7/18/00
Diethyl Ether	ND	280		µg/Kg-dry	50	7/18/00
Ethylbenzene	ND	280		µg/Kg-dry	50	7/18/00
Hexachlorobutadiene	ND	280		µg/Kg-dry	50	7/18/00
Iodomethane	ND	280		µg/Kg-dry	50	7/18/00
Isopropylbenzene	ND	280		µg/Kg-dry	50	7/18/00
m,p-Xylene	740	280		µg/Kg-dry	50	7/18/00
Methyl tert-butyl ether	ND	280		µg/Kg-dry	50	7/18/00
Methylene chloride	ND	280		µg/Kg-dry	50	7/18/00
n-Butylbenzene	ND	280		µg/Kg-dry	50	7/18/00
n-Propylbenzene	ND	280		µg/Kg-dry	50	7/18/00
Naphthalene	ND	280		µg/Kg-dry	50	7/18/00
o-Xylene	ND	280		µg/Kg-dry	50	7/18/00
sec-Butylbenzene	ND	280		µg/Kg-dry	50	7/18/00
Styrene	ND	280		µg/Kg-dry	50	7/18/00
tert-Butylbenzene	ND	280		µg/Kg-dry	50	7/18/00
Tetrachloroethene	ND	280		µg/Kg-dry	50	7/18/00
Tetrahydrofuran	ND	560		µg/Kg-dry	50	7/18/00
Toluene	ND	280		µg/Kg-dry	50	7/18/00
trans-1,2-Dichloroethene	ND	280		µg/Kg-dry	50	7/18/00
trans-1,3-Dichloropropene	ND	280		µg/Kg-dry	50	7/18/00
Trichloroethene	ND	280		µg/Kg-dry	50	7/18/00
Trichlorofluoromethane	ND	280		µg/Kg-dry	50	7/18/00
Vinyl acetate	ND	280		µg/Kg-dry	50	7/18/00
Vinyl chloride	ND	280		µg/Kg-dry	50	7/18/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-03A

Client Sample ID: SS-10
Collection Date: 7/5/00 12:30:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	5.5		mg/Kg-dry	1	7/13/00
Barium	22	11		mg/Kg-dry	1	7/13/00
Cadmium	0.66	0.55		mg/Kg-dry	1	7/13/00
Chromium	4.9	0.55		mg/Kg-dry	1	7/13/00
Lead	7.3	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.085		mg/Kg-dry	1	7/13/00 10:31:45 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-03A

Client Sample ID: SS-10
 Collection Date: 7/5/00 12:30:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C		Analyst: PC		
1,2,4-Trichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
1,2-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
1,3-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
1,4-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2,4,5-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2,4,6-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2,4-Dichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2,4-Dimethylphenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2,4-Dinitrophenol	ND	920		µg/Kg-dry	1	7/20/00 9:32:00 AM
2,4-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2,6-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2-Chloronaphthalene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2-Chlorophenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2-Methylnaphthalene	3,200	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
2-Nitroaniline	ND	920		µg/Kg-dry	1	7/20/00 9:32:00 AM
2-Nitrophenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
3,3'-Dichlorobenzidine	ND	920		µg/Kg-dry	1	7/20/00 9:32:00 AM
3-Nitroaniline	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
4,6-Dinitro-2-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
4-Bromophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
4-Chloro-3-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
4-Chloroaniline	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
4-Chlorophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
4-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
4-Nitroaniline	ND	920		µg/Kg-dry	1	7/20/00 9:32:00 AM
4-Nitrophenol	ND	920		µg/Kg-dry	1	7/20/00 9:32:00 AM
Acenaphthene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Acenaphthylene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Aniline	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Anthracene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benz(a)anthracene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benzidine	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benzo(a)pyrene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benzo(b)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benzo(g,h,i)perylene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benzo(k)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benzoic acid	2,400	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Benzyl alcohol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Bis(2-chloroethoxy)methane	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-03A

Client Sample ID: SS-10
Collection Date: 7/5/00 12:30:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Bis(2-chloroisopropyl)ether	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Bis(2-ethylhexyl)phthalate	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Butyl benzyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Chrysene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Di-n-butyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Di-n-octyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Dibenz(a,h)anthracene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Dibenzofuran	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Diethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Dimethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Fluorene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Hexachlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Hexachlorobutadiene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Hexachlorocyclopentadiene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Hexachloroethane	5,100	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Indeno(1,2,3-cd)pyrene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Isophorone	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
N-Nitrosodimethylamine	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
N-Nitrosodiphenylamine	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Naphthalene	2,900	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Nitrobenzene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Pentachlorophenol	ND	920		µg/Kg-dry	1	7/20/00 9:32:00 AM
Phenanthrene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Phenol	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM
Pyrene	ND	380		µg/Kg-dry	1	7/20/00 9:32:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-03A

Client Sample ID: SS-10
 Collection Date: 7/5/00 12:30:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	2,900		µg/Kg-dry	500	7/19/00
1,1,1-Trichloroethane	ND	2,900		µg/Kg-dry	500	7/19/00
1,1,2,2-Tetrachloroethane	ND	2,900		µg/Kg-dry	500	7/19/00
1,1,2-Trichloroethane	ND	2,900		µg/Kg-dry	500	7/19/00
1,1-Dichloroethane	ND	2,900		µg/Kg-dry	500	7/19/00
1,1-Dichloroethene	ND	2,900		µg/Kg-dry	500	7/19/00
1,1-Dichloropropene	ND	2,900		µg/Kg-dry	500	7/19/00
1,2,3-Trichlorobenzene	ND	2,900		µg/Kg-dry	500	7/19/00
1,2,3-Trichloropropane	ND	2,900		µg/Kg-dry	500	7/19/00
1,2,4-Trichlorobenzene	ND	2,900		µg/Kg-dry	500	7/19/00
1,2,4-Trimethylbenzene	140,000	5,700		µg/Kg-dry	500	7/19/00
1,2-Dibromo-3-chloropropane	ND	2,900		µg/Kg-dry	500	7/19/00
1,2-Dibromoethane	ND	2,900		µg/Kg-dry	500	7/19/00
1,2-Dichlorobenzene	ND	2,900		µg/Kg-dry	500	7/19/00
1,2-Dichloroethane	ND	2,900		µg/Kg-dry	500	7/19/00
1,2-Dichloroethene, Total	ND	2,900		µg/Kg-dry	500	7/19/00
1,2-Dichloropropane	ND	2,900		µg/Kg-dry	500	7/19/00
1,3,5-Trimethylbenzene	67,000	2,900		µg/Kg-dry	500	7/19/00
1,3-Dichlorobenzene	ND	2,900		µg/Kg-dry	500	7/19/00
1,3-Dichloropropane	ND	2,900		µg/Kg-dry	500	7/19/00
1,4-Dichlorobenzene	ND	2,900		µg/Kg-dry	500	7/19/00
2,2-Dichloropropane	ND	2,900		µg/Kg-dry	500	7/19/00
2-Butanone	ND	5,700		µg/Kg-dry	500	7/19/00
2-Chloroethyl vinyl ether	ND	2,900		µg/Kg-dry	500	7/19/00
2-Chlorotoluene	ND	2,900		µg/Kg-dry	500	7/19/00
2-Hexanone	ND	5,700		µg/Kg-dry	500	7/19/00
4-Chlorotoluene	ND	2,900		µg/Kg-dry	500	7/19/00
4-Isopropyltoluene	ND	2,900		µg/Kg-dry	500	7/19/00
4-Methyl-2-pentanone	ND	5,700		µg/Kg-dry	500	7/19/00
Acetone	ND	5,700		µg/Kg-dry	500	7/19/00
Acrolein	ND	57,000		µg/Kg-dry	500	7/19/00
Benzene	ND	2,900		µg/Kg-dry	500	7/19/00
Bromobenzene	ND	2,900		µg/Kg-dry	500	7/19/00
Bromochloromethane	ND	2,900		µg/Kg-dry	500	7/19/00
Bromodichloromethane	ND	2,900		µg/Kg-dry	500	7/19/00
Bromoform	ND	2,900		µg/Kg-dry	500	7/19/00
Bromomethane	ND	2,900		µg/Kg-dry	500	7/19/00
Carbon disulfide	ND	2,900		µg/Kg-dry	500	7/19/00
Carbon tetrachloride	ND	2,900		µg/Kg-dry	500	7/19/00
Chlorobenzene	ND	2,900		µg/Kg-dry	500	7/19/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-03A

Client Sample ID: SS-10
Collection Date: 7/5/00 12:30:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	2,900		µg/Kg-dry	500	7/19/00
Chloroform	ND	2,900		µg/Kg-dry	500	7/19/00
Chloromethane	ND	2,900		µg/Kg-dry	500	7/19/00
cis-1,2-Dichloroethene	ND	2,900		µg/Kg-dry	500	7/19/00
cis-1,3-Dichloropropene	ND	2,900		µg/Kg-dry	500	7/19/00
Dibromochloromethane	ND	2,900		µg/Kg-dry	500	7/19/00
Dibromomethane	ND	2,900		µg/Kg-dry	500	7/19/00
Dichlorodifluoromethane	ND	2,900		µg/Kg-dry	500	7/19/00
Diethyl Ether	ND	2,900		µg/Kg-dry	500	7/19/00
Ethylbenzene	37,000	2,900		µg/Kg-dry	500	7/19/00
Hexachlorobutadiene	ND	2,900		µg/Kg-dry	500	7/19/00
Iodomethane	ND	2,900		µg/Kg-dry	500	7/19/00
Isopropylbenzene	7,000	2,900		µg/Kg-dry	500	7/19/00
m,p-Xylene	ND	2,900		µg/Kg-dry	500	7/19/00
Methyl tert-butyl ether	ND	2,900		µg/Kg-dry	500	7/19/00
Methylene chloride	ND	2,900		µg/Kg-dry	500	7/19/00
n-Butylbenzene	ND	2,900		µg/Kg-dry	500	7/19/00
n-Propylbenzene	4,900	2,900		µg/Kg-dry	500	7/19/00
Naphthalene	30,000	2,900		µg/Kg-dry	500	7/19/00
o-Xylene	ND	2,900		µg/Kg-dry	500	7/19/00
sec-Butylbenzene	3,400	2,900		µg/Kg-dry	500	7/19/00
Styrene	ND	2,900		µg/Kg-dry	500	7/19/00
tert-Butylbenzene	ND	2,900		µg/Kg-dry	500	7/19/00
Tetrachloroethene	ND	2,900		µg/Kg-dry	500	7/19/00
Tetrahydrofuran	ND	5,700		µg/Kg-dry	500	7/19/00
Toluene	ND	2,900		µg/Kg-dry	500	7/19/00
trans-1,2-Dichloroethene	ND	2,900		µg/Kg-dry	500	7/19/00
trans-1,3-Dichloropropene	ND	2,900		µg/Kg-dry	500	7/19/00
Trichloroethene	ND	2,900		µg/Kg-dry	500	7/19/00
Trichlorofluoromethane	ND	2,900		µg/Kg-dry	500	7/19/00
Vinyl acetate	ND	2,900		µg/Kg-dry	500	7/19/00
Vinyl chloride	ND	2,900		µg/Kg-dry	500	7/19/00

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-04A

Client Sample ID: SS-12
Collection Date: 7/5/00 1:35:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	12	5.5		mg/Kg-dry	1	7/13/00
Barium	110	11		mg/Kg-dry	1	7/13/00
Cadmium	1.2	0.55		mg/Kg-dry	1	7/13/00
Chromium	17	0.55		mg/Kg-dry	1	7/13/00
Lead	11	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.090		mg/Kg-dry	1	7/13/00 10:34:54 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-04A

Client Sample ID: SS-12
Collection Date: 7/5/00 1:35:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
1,2-Dichlorobenzene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
1,3-Dichlorobenzene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
1,4-Dichlorobenzene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2,4,5-Trichlorophenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2,4,6-Trichlorophenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2,4-Dichlorophenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2,4-Dimethylphenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2,4-Dinitrophenol	ND	960		µg/Kg-dry	1	7/20/00 10:19:00 AM
2,4-Dinitrotoluene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2,6-Dinitrotoluene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2-Chloronaphthalene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2-Chlorophenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2-Methylnaphthalene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2-Methylphenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
2-Nitroaniline	ND	960		µg/Kg-dry	1	7/20/00 10:19:00 AM
2-Nitrophenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
3,3'-Dichlorobenzidine	ND	960		µg/Kg-dry	1	7/20/00 10:19:00 AM
3-Nitroaniline	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
4,6-Dinitro-2-methylphenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
4-Bromophenyl phenyl ether	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
4-Chloro-3-methylphenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
4-Chloroaniline	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
4-Chlorophenyl phenyl ether	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
4-Methylphenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
4-Nitroaniline	ND	960		µg/Kg-dry	1	7/20/00 10:19:00 AM
4-Nitrophenol	ND	960		µg/Kg-dry	1	7/20/00 10:19:00 AM
Acenaphthene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Acenaphthylene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Aniline	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Anthracene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benz(a)anthracene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benzidine	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benzo(a)pyrene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benzo(b)fluoranthene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benzo(g,h,i)perylene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benzo(k)fluoranthene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benzoic acid	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Benzyl alcohol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Bis(2-chloroethoxy)methane	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-04A

Client Sample ID: SS-12
Collection Date: 7/5/00 1:35:00 PM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Bis(2-chloroisopropyl)ether	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Bis(2-ethylhexyl)phthalate	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Butyl benzyl phthalate	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Chrysene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Di-n-butyl phthalate	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Di-n-octyl phthalate	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Dibenz(a,h)anthracene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Dibenzofuran	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Diethyl phthalate	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Dimethyl phthalate	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Fluoranthene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Fluorene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Hexachlorobenzene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Hexachlorobutadiene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Hexachlorocyclopentadiene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Hexachloroethane	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Indeno(1,2,3-cd)pyrene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Isophorone	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
N-Nitrosodimethylamine	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
N-Nitrosodiphenylamine	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Naphthalene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Nitrobenzene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Pentachlorophenol	ND	960		µg/Kg-dry	1	7/20/00 10:19:00 AM
Phenanthrene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Phenol	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM
Pyrene	ND	400		µg/Kg-dry	1	7/20/00 10:19:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-04A

Client Sample ID: SS-12
 Collection Date: 7/5/00 1:35:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	6.0		µg/Kg-dry	1	7/13/00
1,1,1-Trichloroethane	ND	6.0		µg/Kg-dry	1	7/13/00
1,1,2,2-Tetrachloroethane	ND	6.0		µg/Kg-dry	1	7/13/00
1,1,2-Trichloroethane	ND	6.0		µg/Kg-dry	1	7/13/00
1,1-Dichloroethane	ND	6.0		µg/Kg-dry	1	7/13/00
1,1-Dichloroethene	ND	6.0		µg/Kg-dry	1	7/13/00
1,1-Dichloropropene	ND	6.0		µg/Kg-dry	1	7/13/00
1,2,3-Trichlorobenzene	ND	6.0		µg/Kg-dry	1	7/13/00
1,2,3-Trichloropropane	ND	6.0		µg/Kg-dry	1	7/13/00
1,2,4-Trichlorobenzene	ND	6.0		µg/Kg-dry	1	7/13/00
1,2,4-Trimethylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
1,2-Dibromo-3-chloropropane	ND	6.0		µg/Kg-dry	1	7/13/00
1,2-Dibromoethane	ND	6.0		µg/Kg-dry	1	7/13/00
1,2-Dichlorobenzene	ND	6.0		µg/Kg-dry	1	7/13/00
1,2-Dichloroethane	ND	6.0		µg/Kg-dry	1	7/13/00
1,2-Dichloroethene, Total	ND	6.0		µg/Kg-dry	1	7/13/00
1,2-Dichloropropane	ND	6.0		µg/Kg-dry	1	7/13/00
1,3,5-Trimethylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
1,3-Dichlorobenzene	ND	6.0		µg/Kg-dry	1	7/13/00
1,3-Dichloropropane	ND	6.0		µg/Kg-dry	1	7/13/00
1,4-Dichlorobenzene	ND	6.0		µg/Kg-dry	1	7/13/00
2,2-Dichloropropane	ND	6.0		µg/Kg-dry	1	7/13/00
2-Butanone	ND	12		µg/Kg-dry	1	7/13/00
2-Chloroethyl vinyl ether	ND	6.0		µg/Kg-dry	1	7/13/00
2-Chlorotoluene	ND	6.0		µg/Kg-dry	1	7/13/00
2-Hexanone	ND	12		µg/Kg-dry	1	7/13/00
4-Chlorotoluene	ND	6.0		µg/Kg-dry	1	7/13/00
4-Isopropyltoluene	ND	6.0		µg/Kg-dry	1	7/13/00
4-Methyl-2-pentanone	ND	12		µg/Kg-dry	1	7/13/00
Acetone	43	12		µg/Kg-dry	1	7/13/00
Acrolein	ND	120		µg/Kg-dry	1	7/13/00
Benzene	ND	6.0		µg/Kg-dry	1	7/13/00
Bromobenzene	ND	6.0		µg/Kg-dry	1	7/13/00
Bromochloromethane	ND	6.0		µg/Kg-dry	1	7/13/00
Bromodichloromethane	ND	6.0		µg/Kg-dry	1	7/13/00
Bromoform	ND	6.0		µg/Kg-dry	1	7/13/00
Bromomethane	ND	6.0		µg/Kg-dry	1	7/13/00
Carbon disulfide	ND	6.0		µg/Kg-dry	1	7/13/00
Carbon tetrachloride	ND	6.0		µg/Kg-dry	1	7/13/00
Chlorobenzene	ND	6.0		µg/Kg-dry	1	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-04A

Client Sample ID: SS-12
 Collection Date: 7/5/00 1:35:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	6.0		µg/Kg-dry	1	7/13/00
Chloroform	ND	6.0		µg/Kg-dry	1	7/13/00
Chloromethane	ND	6.0		µg/Kg-dry	1	7/13/00
cis-1,2-Dichloroethene	ND	6.0		µg/Kg-dry	1	7/13/00
cis-1,3-Dichloropropene	ND	6.0		µg/Kg-dry	1	7/13/00
Dibromochloromethane	ND	6.0		µg/Kg-dry	1	7/13/00
Dibromomethane	ND	6.0		µg/Kg-dry	1	7/13/00
Dichlorodifluoromethane	ND	6.0		µg/Kg-dry	1	7/13/00
Diethyl Ether	ND	6.0		µg/Kg-dry	1	7/13/00
Ethylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
Hexachlorobutadiene	ND	6.0		µg/Kg-dry	1	7/13/00
Iodomethane	ND	6.0		µg/Kg-dry	1	7/13/00
Isopropylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
m,p-Xylene	ND	6.0		µg/Kg-dry	1	7/13/00
Methyl tert-butyl ether	ND	6.0		µg/Kg-dry	1	7/13/00
Methylene chloride	ND	6.0		µg/Kg-dry	1	7/13/00
n-Butylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
n-Propylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
Naphthalene	ND	6.0		µg/Kg-dry	1	7/13/00
o-Xylene	ND	6.0		µg/Kg-dry	1	7/13/00
sec-Butylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
Styrene	ND	6.0		µg/Kg-dry	1	7/13/00
tert-Butylbenzene	ND	6.0		µg/Kg-dry	1	7/13/00
Tetrachloroethene	ND	6.0		µg/Kg-dry	1	7/13/00
Tetrahydrofuran	ND	12		µg/Kg-dry	1	7/13/00
Toluene	ND	6.0		µg/Kg-dry	1	7/13/00
trans-1,2-Dichloroethene	ND	6.0		µg/Kg-dry	1	7/13/00
trans-1,3-Dichloropropene	ND	6.0		µg/Kg-dry	1	7/13/00
Trichloroethene	ND	6.0		µg/Kg-dry	1	7/13/00
Trichlorofluoromethane	ND	6.0		µg/Kg-dry	1	7/13/00
Vinyl acetate	ND	6.0		µg/Kg-dry	1	7/13/00
Vinyl chloride	ND	6.0		µg/Kg-dry	1	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-05A

Client Sample ID: SS-14
 Collection Date: 7/6/00 8:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
% SOLIDS		D2216				Analyst: CR
Percent Solids	90	0		wt%	1	7/13/00
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	5.5		mg/Kg-dry	1	7/13/00
Barium	31	11		mg/Kg-dry	1	7/13/00
Cadmium	0.67	0.55		mg/Kg-dry	1	7/13/00
Chromium	7.2	0.55		mg/Kg-dry	1	7/13/00
Lead	26	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.085		mg/Kg-dry	1	7/13/00 10:38:03 AM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: YK
Aroclor 1016	ND	57		µg/Kg-dry	1	8/3/00 8:25:00 AM
Aroclor 1221	ND	57		µg/Kg-dry	1	8/3/00 8:25:00 AM
Aroclor 1232	ND	57		µg/Kg-dry	1	8/3/00 8:25:00 AM
Aroclor 1242	ND	57		µg/Kg-dry	1	8/3/00 8:25:00 AM
Aroclor 1248	ND	57		µg/Kg-dry	1	8/3/00 8:25:00 AM
Aroclor 1254	ND	57		µg/Kg-dry	1	8/3/00 8:25:00 AM
Aroclor 1260	ND	57		µg/Kg-dry	1	8/3/00 8:25:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-05A

Client Sample ID: SS-14
 Collection Date: 7/6/00 8:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
1,2-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
1,3-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
1,4-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2,4,5-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2,4,6-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2,4-Dichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2,4-Dimethylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2,4-Dinitrophenol	ND	920		µg/Kg-dry	1	7/20/00 11:07:00 AM
2,4-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2,6-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2-Chloronaphthalene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2-Chlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2-Methylnaphthalene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
2-Nitroaniline	ND	920		µg/Kg-dry	1	7/20/00 11:07:00 AM
2-Nitrophenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
3,3'-Dichlorobenzidine	ND	920		µg/Kg-dry	1	7/20/00 11:07:00 AM
3-Nitroaniline	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
4,6-Dinitro-2-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
4-Bromophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
4-Chloro-3-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
4-Chloroaniline	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
4-Chlorophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
4-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
4-Nitroaniline	ND	920		µg/Kg-dry	1	7/20/00 11:07:00 AM
4-Nitrophenol	ND	920		µg/Kg-dry	1	7/20/00 11:07:00 AM
Acenaphthene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Acenaphthylene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Aniline	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Anthracene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benz(a)anthracene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benzidine	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benzo(a)pyrene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benzo(b)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benzo(g,h,i)perylene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benzo(k)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benzoic acid	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Benzyl alcohol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Bis(2-chloroethoxy)methane	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-05A

Client Sample ID: SS-14
 Collection Date: 7/6/00 8:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Bis(2-chloroisopropyl)ether	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Bis(2-ethylhexyl)phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Butyl benzyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Chrysene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Di-n-butyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Di-n-octyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Dibenz(a,h)anthracene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Dibenzofuran	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Diethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Dimethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Fluorene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Hexachlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Hexachlorobutadiene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Hexachlorocyclopentadiene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Hexachloroethane	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Indeno(1,2,3-cd)pyrene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Isophorone	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
N-Nitrosodimethylamine	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
N-Nitrosodiphenylamine	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Naphthalene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Nitrobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Pentachlorophenol	ND	920		µg/Kg-dry	1	7/20/00 11:07:00 AM
Phenanthrene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Phenol	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
Pyrene	ND	380		µg/Kg-dry	1	7/20/00 11:07:00 AM
TOTAL ORGANIC CARBON		E415.1				Analyst: ADM
Organic Carbon, Total	3,400	1.0		mg/Kg-dry	1	7/12/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-05A

Client Sample ID: SS-14
 Collection Date: 7/6/00 8:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1,1-Trichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1,2,2-Tetrachloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1,2-Trichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1-Dichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,1-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
1,1-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,3-Trichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,3-Trichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,4-Trichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2,4-Trimethylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dibromo-3-chloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dibromoethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichloroethene, Total	ND	5.7		µg/Kg-dry	1	7/13/00
1,2-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,3,5-Trimethylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,3-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
1,3-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
1,4-Dichlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
2,2-Dichloropropane	ND	5.7		µg/Kg-dry	1	7/13/00
2-Butanone	ND	11		µg/Kg-dry	1	7/13/00
2-Chloroethyl vinyl ether	ND	5.7		µg/Kg-dry	1	7/13/00
2-Chlorotoluene	ND	5.7		µg/Kg-dry	1	7/13/00
2-Hexanone	ND	11		µg/Kg-dry	1	7/13/00
4-Chlorotoluene	ND	5.7		µg/Kg-dry	1	7/13/00
4-Isopropyltoluene	ND	5.7		µg/Kg-dry	1	7/13/00
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	7/13/00
Acetone	ND	11		µg/Kg-dry	1	7/13/00
Acrolein	ND	110		µg/Kg-dry	1	7/13/00
Benzene	ND	5.7		µg/Kg-dry	1	7/13/00
Bromobenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Bromochloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Bromodichloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Bromoform	ND	5.7		µg/Kg-dry	1	7/13/00
Bromomethane	ND	5.7		µg/Kg-dry	1	7/13/00
Carbon disulfide	ND	5.7		µg/Kg-dry	1	7/13/00
Carbon tetrachloride	ND	5.7		µg/Kg-dry	1	7/13/00
Chlorobenzene	ND	5.7		µg/Kg-dry	1	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-05A

Client Sample ID: SS-14
 Collection Date: 7/6/00 8:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.7		µg/Kg-dry	1	7/13/00
Chloroform	ND	5.7		µg/Kg-dry	1	7/13/00
Chloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
cis-1,2-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
cis-1,3-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/13/00
Dibromochloromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Dibromomethane	ND	5.7		µg/Kg-dry	1	7/13/00
Dichlorodifluoromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Diethyl Ether	ND	5.7		µg/Kg-dry	1	7/13/00
Ethylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Hexachlorobutadiene	ND	5.7		µg/Kg-dry	1	7/13/00
Iodomethane	ND	5.7		µg/Kg-dry	1	7/13/00
Isopropylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
m,p-Xylene	ND	5.7		µg/Kg-dry	1	7/13/00
Methyl tert-butyl ether	ND	5.7		µg/Kg-dry	1	7/13/00
Methylene chloride	ND	5.7		µg/Kg-dry	1	7/13/00
n-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
n-Propylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Naphthalene	ND	5.7		µg/Kg-dry	1	7/13/00
o-Xylene	ND	5.7		µg/Kg-dry	1	7/13/00
sec-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Styrene	ND	5.7		µg/Kg-dry	1	7/13/00
tert-Butylbenzene	ND	5.7		µg/Kg-dry	1	7/13/00
Tetrachloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
Tetrahydrofuran	ND	11		µg/Kg-dry	1	7/13/00
Toluene	ND	5.7		µg/Kg-dry	1	7/13/00
trans-1,2-Dichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
trans-1,3-Dichloropropene	ND	5.7		µg/Kg-dry	1	7/13/00
Trichloroethene	ND	5.7		µg/Kg-dry	1	7/13/00
Trichlorofluoromethane	ND	5.7		µg/Kg-dry	1	7/13/00
Vinyl acetate	ND	5.7		µg/Kg-dry	1	7/13/00
Vinyl chloride	ND	5.7		µg/Kg-dry	1	7/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-06A

Client Sample ID: SS-16
 Collection Date: 7/6/00 10:20:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	6.0	5.5		mg/Kg-dry	1	7/13/00
Barium	22	11		mg/Kg-dry	1	7/13/00
Cadmium	0.71	0.55		mg/Kg-dry	1	7/13/00
Chromium	8.5	0.55		mg/Kg-dry	1	7/13/00
Lead	11	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.084		mg/Kg-dry	1	7/13/00 10:41:13 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-06A

Client Sample ID: SS-16
 Collection Date: 7/6/00 10:20:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
1,2-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
1,3-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
1,4-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2,4,5-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2,4,6-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2,4-Dichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2,4-Dimethylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2,4-Dinitrophenol	ND	930		µg/Kg-dry	1	7/20/00 11:55:00 AM
2,4-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2,6-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2-Chloronaphthalene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2-Chlorophenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2-Methylnaphthalene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
2-Nitroaniline	ND	930		µg/Kg-dry	1	7/20/00 11:55:00 AM
2-Nitrophenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
3,3'-Dichlorobenzidine	ND	930		µg/Kg-dry	1	7/20/00 11:55:00 AM
3-Nitroaniline	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
4,6-Dinitro-2-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
4-Bromophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
4-Chloro-3-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
4-Chloroaniline	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
4-Chlorophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
4-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
4-Nitroaniline	ND	930		µg/Kg-dry	1	7/20/00 11:55:00 AM
4-Nitrophenol	ND	930		µg/Kg-dry	1	7/20/00 11:55:00 AM
Acenaphthene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Acenaphthylene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Aniline	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Anthracene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benz(a)anthracene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benzidine	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benzo(a)pyrene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benzo(b)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benzo(g,h,i)perylene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benzo(k)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benzoic acid	410	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Benzyl alcohol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Bis(2-chloroethoxy)methane	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-06A

Client Sample ID: SS-16
Collection Date: 7/6/00 10:20:00 AM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Bis(2-chloroisopropyl)ether	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Bis(2-ethylhexyl)phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Butyl benzyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Chrysene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Di-n-butyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Di-n-octyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Dibenz(a,h)anthracene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Dibenzofuran	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Diethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Dimethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Fluorene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Hexachlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Hexachlorobutadiene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Hexachlorocyclopentadiene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Hexachloroethane	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Indeno(1,2,3-cd)pyrene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Isophorone	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
N-Nitrosodimethylamine	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
N-Nitrosodiphenylamine	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Naphthalene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Nitrobenzene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Pentachlorophenol	ND	930		µg/Kg-dry	1	7/20/00 11:55:00 AM
Phenanthrene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Phenol	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM
Pyrene	ND	380		µg/Kg-dry	1	7/20/00 11:55:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-06A

Client Sample ID: SS-16
Collection Date: 7/6/00 10:20:00 AM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.8		µg/Kg-dry	1	7/15/00
1,1,1-Trichloroethane	ND	5.8		µg/Kg-dry	1	7/15/00
1,1,2,2-Tetrachloroethane	ND	5.8		µg/Kg-dry	1	7/15/00
1,1,2-Trichloroethane	ND	5.8		µg/Kg-dry	1	7/15/00
1,1-Dichloroethane	ND	5.8		µg/Kg-dry	1	7/15/00
1,1-Dichloroethene	ND	5.8		µg/Kg-dry	1	7/15/00
1,1-Dichloropropene	ND	5.8		µg/Kg-dry	1	7/15/00
1,2,3-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	7/15/00
1,2,3-Trichloropropane	ND	5.8		µg/Kg-dry	1	7/15/00
1,2,4-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	7/15/00
1,2,4-Trimethylbenzene	37	5.8		µg/Kg-dry	1	7/15/00
1,2-Dibromo-3-chloropropane	ND	5.8		µg/Kg-dry	1	7/15/00
1,2-Dibromoethane	ND	5.8		µg/Kg-dry	1	7/15/00
1,2-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	7/15/00
1,2-Dichloroethane	ND	5.8		µg/Kg-dry	1	7/15/00
1,2-Dichloroethene, Total	ND	5.8		µg/Kg-dry	1	7/15/00
1,2-Dichloropropane	ND	5.8		µg/Kg-dry	1	7/15/00
1,3,5-Trimethylbenzene	31	5.8		µg/Kg-dry	1	7/15/00
1,3-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	7/15/00
1,3-Dichloropropane	ND	5.8		µg/Kg-dry	1	7/15/00
1,4-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	7/15/00
2,2-Dichloropropane	ND	5.8		µg/Kg-dry	1	7/15/00
2-Butanone	28	12		µg/Kg-dry	1	7/15/00
2-Chloroethyl vinyl ether	ND	5.8		µg/Kg-dry	1	7/15/00
2-Chlorotoluene	ND	5.8		µg/Kg-dry	1	7/15/00
2-Hexanone	ND	12		µg/Kg-dry	1	7/15/00
4-Chlorotoluene	ND	5.8		µg/Kg-dry	1	7/15/00
4-Isopropyltoluene	160	5.8		µg/Kg-dry	1	7/15/00
4-Methyl-2-pentanone	ND	12		µg/Kg-dry	1	7/15/00
Acetone	96	12		µg/Kg-dry	1	7/15/00
Acrolein	ND	120		µg/Kg-dry	1	7/15/00
Benzene	ND	5.8		µg/Kg-dry	1	7/15/00
Bromobenzene	ND	5.8		µg/Kg-dry	1	7/15/00
Bromochloromethane	ND	5.8		µg/Kg-dry	1	7/15/00
Bromodichloromethane	ND	5.8		µg/Kg-dry	1	7/15/00
Bromoform	ND	5.8		µg/Kg-dry	1	7/15/00
Bromomethane	ND	5.8		µg/Kg-dry	1	7/15/00
Carbon disulfide	ND	5.8		µg/Kg-dry	1	7/15/00
Carbon tetrachloride	ND	5.8		µg/Kg-dry	1	7/15/00
Chlorobenzene	ND	5.8		µg/Kg-dry	1	7/15/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-06A

Client Sample ID: SS-16
 Collection Date: 7/6/00 10:20:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.8		µg/Kg-dry	1	7/15/00
Chloroform	ND	5.8		µg/Kg-dry	1	7/15/00
Chloromethane	ND	5.8		µg/Kg-dry	1	7/15/00
cis-1,2-Dichloroethene	ND	5.8		µg/Kg-dry	1	7/15/00
cis-1,3-Dichloropropene	ND	5.8		µg/Kg-dry	1	7/15/00
Dibromochloromethane	ND	5.8		µg/Kg-dry	1	7/15/00
Dibromomethane	ND	5.8		µg/Kg-dry	1	7/15/00
Dichlorodifluoromethane	ND	5.8		µg/Kg-dry	1	7/15/00
Diethyl Ether	ND	5.8		µg/Kg-dry	1	7/15/00
Ethylbenzene	ND	5.8		µg/Kg-dry	1	7/15/00
Hexachlorobutadiene	ND	5.8		µg/Kg-dry	1	7/15/00
Iodomethane	ND	5.8		µg/Kg-dry	1	7/15/00
Isopropylbenzene	ND	5.8		µg/Kg-dry	1	7/15/00
m,p-Xylene	ND	5.8		µg/Kg-dry	1	7/15/00
Methyl tert-butyl ether	ND	5.8		µg/Kg-dry	1	7/15/00
Methylene chloride	ND	5.8		µg/Kg-dry	1	7/15/00
n-Butylbenzene	ND	5.8		µg/Kg-dry	1	7/15/00
n-Propylbenzene	14	5.8		µg/Kg-dry	1	7/15/00
Naphthalene	12	5.8		µg/Kg-dry	1	7/15/00
o-Xylene	ND	5.8		µg/Kg-dry	1	7/15/00
sec-Butylbenzene	ND	5.8		µg/Kg-dry	1	7/15/00
Styrene	ND	5.8		µg/Kg-dry	1	7/15/00
tert-Butylbenzene	ND	5.8		µg/Kg-dry	1	7/15/00
Tetrachloroethene	ND	5.8		µg/Kg-dry	1	7/15/00
Tetrahydrofuran	ND	12		µg/Kg-dry	1	7/15/00
Toluene	ND	5.8		µg/Kg-dry	1	7/15/00
trans-1,2-Dichloroethene	ND	5.8		µg/Kg-dry	1	7/15/00
trans-1,3-Dichloropropene	ND	5.8		µg/Kg-dry	1	7/15/00
Trichloroethene	ND	5.8		µg/Kg-dry	1	7/15/00
Trichlorofluoromethane	ND	5.8		µg/Kg-dry	1	7/15/00
Vinyl acetate	ND	5.8		µg/Kg-dry	1	7/15/00
Vinyl chloride	ND	5.8		µg/Kg-dry	1	7/15/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-07A

Client Sample ID: SS-17
 Collection Date: 7/6/00 11:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	5.5		mg/Kg-dry	1	7/13/00
Barium	12	11		mg/Kg-dry	1	7/13/00
Cadmium	ND	0.55		mg/Kg-dry	1	7/13/00
Chromium	3.9	0.55		mg/Kg-dry	1	7/13/00
Lead	ND	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.089		mg/Kg-dry	1	7/13/00 10:44:23 AM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: YK
Aroclor 1016	ND	58		µg/Kg-dry	1	8/3/00 8:51:00 AM
Aroclor 1221	ND	58		µg/Kg-dry	1	8/3/00 8:51:00 AM
Aroclor 1232	ND	58		µg/Kg-dry	1	8/3/00 8:51:00 AM
Aroclor 1242	ND	58		µg/Kg-dry	1	8/3/00 8:51:00 AM
Aroclor 1248	ND	58		µg/Kg-dry	1	8/3/00 8:51:00 AM
Aroclor 1254	ND	58		µg/Kg-dry	1	8/3/00 8:51:00 AM
Aroclor 1260	ND	58		µg/Kg-dry	1	8/3/00 8:51:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-07A

Client Sample ID: SS-17
 Collection Date: 7/6/00 11:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
1,2-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
1,3-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
1,4-Dichlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2,4,5-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2,4,6-Trichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2,4-Dichlorophenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2,4-Dimethylphenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2,4-Dinitrophenol	ND	920		µg/Kg-dry	1	7/20/00 12:43:00 PM
2,4-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2,6-Dinitrotoluene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2-Chloronaphthalene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2-Chlorophenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2-Methylnaphthalene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
2-Nitroaniline	ND	920		µg/Kg-dry	1	7/20/00 12:43:00 PM
2-Nitrophenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
3,3'-Dichlorobenzidine	ND	920		µg/Kg-dry	1	7/20/00 12:43:00 PM
3-Nitroaniline	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
4,6-Dinitro-2-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
4-Bromophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
4-Chloro-3-methylphenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
4-Chloroaniline	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
4-Chlorophenyl phenyl ether	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
4-Methylphenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
4-Nitroaniline	ND	920		µg/Kg-dry	1	7/20/00 12:43:00 PM
4-Nitrophenol	ND	920		µg/Kg-dry	1	7/20/00 12:43:00 PM
Acenaphthene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Acenaphthylene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Aniline	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Anthracene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benz(a)anthracene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benzidine	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benzo(a)pyrene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benzo(b)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benzo(g,h,i)perylene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benzo(k)fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benzoic acid	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Benzyl alcohol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Bis(2-chloroethoxy)methane	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-07A

Client Sample ID: SS-17
 Collection Date: 7/6/00 11:05:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Bis(2-chloroisopropyl)ether	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Bis(2-ethylhexyl)phthalate	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Butyl benzyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Chrysene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Di-n-butyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Di-n-octyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Dibenz(a,h)anthracene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Dibenzofuran	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Diethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Dimethyl phthalate	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Fluoranthene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Fluorene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Hexachlorobenzene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Hexachlorobutadiene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Hexachlorocyclopentadiene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Hexachloroethane	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Indeno(1,2,3-cd)pyrene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Isophorone	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
N-Nitrosodimethylamine	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
N-Nitrosodiphenylamine	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Naphthalene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Nitrobenzene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Pentachlorophenol	ND	920		µg/Kg-dry	1	7/20/00 12:43:00 PM
Phenanthrene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Phenol	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM
Pyrene	ND	380		µg/Kg-dry	1	7/20/00 12:43:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

APPENDIX 7

2004 Chain-of-Custody Forms

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _____ OF _____

SR # _____

CAS Contact _____

Project Name CITY OF ROCHESTER ZOO E. MAIN ST		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																
Project Manager GARY FLISNIK		Report CC		PRESERVATIVE 8 8																																
Company/Address BERGMANN ASSOCIATES 29 E. MAIN ST SUITE 200 ROCHESTER, NY 14644				NUMBER OF CONTAINERS	<input checked="" type="checkbox"/> GC/MS VOA's <input checked="" type="checkbox"/> STARS <input checked="" type="checkbox"/> 8260 <input checked="" type="checkbox"/> 624 <input type="checkbox"/> CLP <input checked="" type="checkbox"/> 8270 <input checked="" type="checkbox"/> 625 <input type="checkbox"/> CLP GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)	Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																														
Phone # 585-232-5355 X		FAX# 585-232-4652																																		
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name J. MARSCHNER																																		
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE TIME		MATRIX															REMARKS/ ALTERNATE DESCRIPTION																	
MW-5		6/18/01	0840	AQ	4	X	X																													
MW-6		6/18/01	0955	AQ	4	X	X																													
MW-13		7/19/01	1125	AQ	8	X	X																													
MW-13BIOLOGICAL		6/18/01	1125	AQ	4	X	X																													
MW-14		7/19/01	1335	AQ	4	X	X																													
MW-14BIOLOGICAL		6/18/01	1335	AQ	8	X	X																													

ASP SAMPLE ALSO FOR STARS.
ALL ASP SAMPLES ALSO FOR STARS BISE
SAMPLER ALSO FOR STARS BISE

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
 24 hr ____ 48 hr ____ 5 day
 STANDARD
REQUESTED FAX DATE _____
REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO# _____
BILL TO: _____
SUBMISSION #: _____

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY	
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	
Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name	
Firm		Firm		Firm		Firm		Firm		Firm	
Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time	



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company www.caslab.com One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR # _____

CAS Contact _____

Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																	
Project Manager		Report CC		PRESERVATIVE																	
Company/Address				NUMBER OF CONTAINERS	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <input type="checkbox"/> GC/MS VOAs <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP <input type="checkbox"/> GC/MS SVOAs <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP <input type="checkbox"/> GC VOAs <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP PCBs <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below) </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> TOXIC ORGANICS ONLY </div> </div>																
Phone #		FAX#																			
Sampler's Signature		Sampler's Printed Name																			
CLIENT SAMPLE ID																	FOR OFFICE USE ONLY LAB ID		SAMPLING DATE TIME		MATRIX		PRESERVATIVE
AW-1						6/10/04 0930		AQ		/											
AW-2						6/10/04 1105		AQ		/											
AW-10						6/10/04 1315		AQ		/											
AW-11						6/10/04 1520		AQ		/											

- Preservative Key
0. NONE
 1. HCL
 2. HNO₃
 3. H₂SO₄
 4. NaOH
 5. Zn. Acetate
 6. MeOH
 7. NaHSO₄
 8. Other _____

REMARKS/
ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS Metals				TURNAROUND REQUIREMENTS _____ RUSH (SURCHARGES APPLY) _____ 24 hr _____ 48 hr _____ 5 day <input checked="" type="checkbox"/> STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____				REPORT REQUIREMENTS _____ I. Results Only _____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) _____ III. Results + QC and Calibration Summaries _____ IV. Data Validation Report with Raw Data _____ V. Specialized Forms / Custom Report Edata _____ Yes _____ No				INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: _____			
SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N								See QAPP <input type="checkbox"/>							
RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY			
Signature				Signature				Signature				Signature			
Printed Name				Printed Name				Printed Name				Printed Name			
Firm				Firm				Firm				Firm			
Date/Time				Date/Time				Date/Time				Date/Time			

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR # _____
CAS Contact _____

Project Name <u>W. W. R. ...</u>		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																						
Project Manager <u>...</u>		Report CC		PRESERVATIVE <u>1 0</u>																						
Company/Address <u>...</u>				NUMBER OF CONTAINERS	GC/MS VOA's <input checked="" type="checkbox"/> 8260 <input checked="" type="checkbox"/> 624 <input checked="" type="checkbox"/> CLP	GC/MS SVOA's <input checked="" type="checkbox"/> 8270 <input checked="" type="checkbox"/> 625 <input checked="" type="checkbox"/> CLP	GC VOA's <input checked="" type="checkbox"/> 8021 <input checked="" type="checkbox"/> 601/602	PESTICIDES <input checked="" type="checkbox"/> 8081 <input checked="" type="checkbox"/> 608 <input checked="" type="checkbox"/> CLP	PCB's <input checked="" type="checkbox"/> 8082 <input checked="" type="checkbox"/> 608 <input checked="" type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)															Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____
Phone # <u>585.232.5115</u>		FAX # <u>585.232.4652</u>																								
Sampler's Signature <u>...</u>		Sampler's Printed Name <u>James School</u>																								
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID																								
MW-2				4/1/04 0920 AQ																						
MW-1				4/1/04 1120 AQ																						
MW-3				4/1/04 1610 AQ																						

SPECIAL INSTRUCTIONS/COMMENTS
Metals

TURNAROUND REQUIREMENTS
 RUSH (SURCHARGES APPLY)
 24 hr 48 hr 5 day
 STANDARD
 REQUESTED FAX DATE _____
 REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
 I. Results Only
 II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
 III. Results + QC and Calibration Summaries
 IV. Data Validation Report with Raw Data
 V. Specialized Forms / Custom Report
 Edata Yes No

INVOICE INFORMATION
 PO# _____
 BILL TO: _____
 SUBMISSION #: _____

See QAPP

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY	
Signature <u>...</u>		Signature <u>Kathryn</u>		Signature		Signature		Signature		Signature	
Printed Name <u>...</u>		Printed Name <u>Kathryn</u>		Printed Name		Printed Name		Printed Name		Printed Name	
Firm <u>...</u>		Firm <u>CAS</u>		Firm		Firm		Firm		Firm	
Date/Time <u>4/1/04 9:1650</u>		Date/Time <u>4/1/04 1650</u>		Date/Time		Date/Time		Date/Time		Date/Time	

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR # _____
 CAS Contact _____

Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)											
Project Manager		Report CC													
Company/Address				NUMBER OF CONTAINERS	PRESERVATIVE	GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP GC/MS SVOA's <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)	Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____								
Phone #		FAX#													
Sampler's Signature		Sampler's Printed Name													
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME					MATRIX	REMARKS/ ALTERNATE DESCRIPTION						

SPECIAL INSTRUCTIONS/COMMENTS
Metals
 ISO-11100E COLLECTED
 when returned.
 (Signature)

See QAPP

TURNAROUND REQUIREMENTS
 RUSH (SURCHARGES APPLY)
 24 hr 48 hr 5 day
 STANDARD
 REQUESTED FAX DATE _____
 REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
 I. Results Only
 II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
 III. Results + QC and Calibration Summaries
 IV. Data Validation Report with Raw Data
 V. Specialized Forms / Custom Report
 Edata Yes No

INVOICE INFORMATION
 PO# _____
 BILL TO: _____
 SUBMISSION #: _____

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm	Firm	Firm	Firm	Firm	Firm
Date/Time	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time



An Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _____ OF _____

SR # _____
CAS Contact _____

Project Name L-001-MA-01-01		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager C. M. F. B. S. O. K.		Report CC		PRESERVATIVE													
Company/Address P. K. G. Y. A. W. A. S. S. O. C.		NUMBER OF CONTAINERS		<input type="checkbox"/> GC/MS VOA's 8260 <input type="checkbox"/> 824 <input type="checkbox"/> CLP <input type="checkbox"/> GC/MS SVOA's 8270 <input type="checkbox"/> 825 <input type="checkbox"/> CLP <input type="checkbox"/> GC VOA's 8021 <input type="checkbox"/> 601/602 <input type="checkbox"/> PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP <input type="checkbox"/> PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP <input type="checkbox"/> METALS, TOTAL (List in comments below) <input type="checkbox"/> METALS, DISSOLVED (List in comments below)													
Phone # 232 5135																FAX# 232 4652	
Sampler's Signature [Signature]																Sampler's Printed Name M. A. Z. S. C. H. E. N. K.	

- Preservative Key**
0. NONE
 1. HCL
 2. HNO₃
 3. H₂SO₄
 4. NaOH
 5. Zn. Acetate
 6. MeOH
 7. NaHSO₄
 8. Other _____

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX		ANALYSIS REQUESTED												REMARKS/ ALTERNATE DESCRIPTION								
		DATE	TIME			GC/MS VOA's	GC/MS SVOA's	GC VOA's	PESTICIDES	PCB's	METALS, TOTAL	METALS, DISSOLVED														
S50-11		6/4/04	1215	Soil	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																			
S50-11 DUP		6/4/04	1215	Soil	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																			

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP

TURNAROUND REQUIREMENTS
 RUSH (SURCHARGES APPLY)
 _____ 24 hr _____ 48 hr _____ 5 day
 STANDARD

REQUESTED FAX DATE _____

REQUESTED REPORT DATE _____

REPORT REQUIREMENTS

I. Results Only

II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

III. Results + QC and Calibration Summaries

IV. Data Validation Report with Raw Data

V. Specialized Forms / Custom Report

Edata Yes No

INVOICE INFORMATION

PO# _____

BILL TO: _____

SUBMISSION #: _____

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N			
RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature [Signature]	Signature [Signature]	Signature [Signature]	Signature [Signature]	Signature [Signature]	Signature [Signature]
Printed Name [Name]	Printed Name Christina M. Kufner	Printed Name [Name]	Printed Name [Name]	Printed Name [Name]	Printed Name [Name]
Firm [Firm]	Firm CAS	Firm [Firm]	Firm [Firm]	Firm [Firm]	Firm [Firm]
Date/Time [Date/Time]	Date/Time 6/4/04 1300	Date/Time [Date/Time]	Date/Time [Date/Time]	Date/Time [Date/Time]	Date/Time [Date/Time]

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

Recommended Order for Groundwater Sampling, 1200 East Main St., Rochester, NY
 June 2004 Sampling program

Sampling order: lowest VOCs to highest concentration of VOCs. All samples for VOCs and SVOCs

Sampling Order	Well Number	2003 VOCs	Comments
1	MW-6	ND	SW-846
2	MW-5	ND	SW-846
3	MW-12	ND	SW-846
4	MW-14	Not tested	New well, ASP
5	MW-13	Not tested	New well, ASP
6	MW-8	282 ppb	SW-846
7	MW-11	1,371 ppb	SW-846
8	MW-2	2,082 ppb	SW-846
9	MW-1	3,856 ppb	SW-846
10	MW-10	9,251 ppb	SW-846
11	MW-3	2,693 ppb	product
12	MW-4	5,834 ppb	product
13	MW-9	16,690 ppb	product
14	MW-7	23,940 ppb	product

MS-ASP, MSD-ASP: base ASP sample also for STARS
 also a duplicate, standard: ASP sample also for STARS

The 2 new wells for ASP analysis are also to be tested via STARS 8260 to pick up non-ASP STARS analytes

Also collect 1 field blank-rinsate for both VOCs and SVOCs analysis, standard SW-846

Submit 1 lab-prepared trip blank for both VOCs and SVOCs analysis, standard SW-846

Total of 19 samples to be submitted for analysis (1 TB, 1 FB, 14 well samples, 1 duplicate, 1 MS and 1 MSD)

The wells with free product are to be developed and sampled: collect samples below product layer.

3 well volumes to be removed via lowering the tubing below the free product layer

and collecting the samples directly from the tubing via low flow.

Do not use bailers to collect samples from wells with free product.

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-11A

Client Sample ID: SS-21
 Collection Date: 7/6/00 1:15:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.6		µg/Kg-dry	1	7/17/00
1,1,1-Trichloroethane	ND	5.6		µg/Kg-dry	1	7/17/00
1,1,2,2-Tetrachloroethane	ND	5.6		µg/Kg-dry	1	7/17/00
1,1,2-Trichloroethane	ND	5.6		µg/Kg-dry	1	7/17/00
1,1-Dichloroethane	ND	5.6		µg/Kg-dry	1	7/17/00
1,1-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/17/00
1,1-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/17/00
1,2,3-Trichlorobenzene	ND	5.6		µg/Kg-dry	1	7/17/00
1,2,3-Trichloropropane	ND	5.6		µg/Kg-dry	1	7/17/00
1,2,4-Trichlorobenzene	ND	5.6		µg/Kg-dry	1	7/17/00
1,2,4-Trimethylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
1,2-Dibromo-3-chloropropane	ND	5.6		µg/Kg-dry	1	7/17/00
1,2-Dibromoethane	ND	5.6		µg/Kg-dry	1	7/17/00
1,2-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/17/00
1,2-Dichloroethane	ND	5.6		µg/Kg-dry	1	7/17/00
1,2-Dichloroethene, Total	ND	5.6		µg/Kg-dry	1	7/17/00
1,2-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/17/00
1,3,5-Trimethylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
1,3-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/17/00
1,3-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/17/00
1,4-Dichlorobenzene	ND	5.6		µg/Kg-dry	1	7/17/00
2,2-Dichloropropane	ND	5.6		µg/Kg-dry	1	7/17/00
2-Butanone	ND	11		µg/Kg-dry	1	7/17/00
2-Chloroethyl vinyl ether	ND	5.6		µg/Kg-dry	1	7/17/00
2-Chlorotoluene	ND	5.6		µg/Kg-dry	1	7/17/00
2-Hexanone	ND	11		µg/Kg-dry	1	7/17/00
4-Chlorotoluene	ND	5.6		µg/Kg-dry	1	7/17/00
4-Isopropyltoluene	ND	5.6		µg/Kg-dry	1	7/17/00
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	7/17/00
Acetone	13	11		µg/Kg-dry	1	7/17/00
Acrolein	ND	110		µg/Kg-dry	1	7/17/00
Benzene	ND	5.6		µg/Kg-dry	1	7/17/00
Bromobenzene	ND	5.6		µg/Kg-dry	1	7/17/00
Bromochloromethane	ND	5.6		µg/Kg-dry	1	7/17/00
Bromodichloromethane	ND	5.6		µg/Kg-dry	1	7/17/00
Bromoform	ND	5.6		µg/Kg-dry	1	7/17/00
Bromomethane	ND	5.6		µg/Kg-dry	1	7/17/00
Carbon disulfide	ND	5.6		µg/Kg-dry	1	7/17/00
Carbon tetrachloride	ND	5.6		µg/Kg-dry	1	7/17/00
Chlorobenzene	ND	5.6		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-11A

Client Sample ID: SS-21
 Collection Date: 7/6/00 1:15:00 PM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.6		µg/Kg-dry	1	7/17/00
Chloroform	ND	5.6		µg/Kg-dry	1	7/17/00
Chloromethane	ND	5.6		µg/Kg-dry	1	7/17/00
cis-1,2-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/17/00
cis-1,3-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/17/00
Dibromochloromethane	ND	5.6		µg/Kg-dry	1	7/17/00
Dibromomethane	ND	5.6		µg/Kg-dry	1	7/17/00
Dichlorodifluoromethane	ND	5.6		µg/Kg-dry	1	7/17/00
Diethyl Ether	ND	5.6		µg/Kg-dry	1	7/17/00
Ethylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
Hexachlorobutadiene	ND	5.6		µg/Kg-dry	1	7/17/00
Iodomethane	ND	5.6		µg/Kg-dry	1	7/17/00
Isopropylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
m,p-Xylene	ND	5.6		µg/Kg-dry	1	7/17/00
Methyl tert-butyl ether	ND	5.6		µg/Kg-dry	1	7/17/00
Methylene chloride	ND	5.6		µg/Kg-dry	1	7/17/00
n-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
n-Propylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
Naphthalene	ND	5.6		µg/Kg-dry	1	7/17/00
o-Xylene	ND	5.6		µg/Kg-dry	1	7/17/00
sec-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
Styrene	ND	5.6		µg/Kg-dry	1	7/17/00
tert-Butylbenzene	ND	5.6		µg/Kg-dry	1	7/17/00
Tetrachloroethene	ND	5.6		µg/Kg-dry	1	7/17/00
Tetrahydrofuran	ND	11		µg/Kg-dry	1	7/17/00
Toluene	ND	5.6		µg/Kg-dry	1	7/17/00
trans-1,2-Dichloroethene	ND	5.6		µg/Kg-dry	1	7/17/00
trans-1,3-Dichloropropene	ND	5.6		µg/Kg-dry	1	7/17/00
Trichloroethene	ND	5.6		µg/Kg-dry	1	7/17/00
Trichlorofluoromethane	ND	5.6		µg/Kg-dry	1	7/17/00
Vinyl acetate	ND	5.6		µg/Kg-dry	1	7/17/00
Vinyl chloride	ND	5.6		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-12A

Client Sample ID: SO-17
 Collection Date: 7/9/00 8:07:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	8.3	5.5		mg/Kg-dry	1	7/13/00
Barium	46	11		mg/Kg-dry	1	7/13/00
Cadmium	4.9	0.55		mg/Kg-dry	1	7/13/00
Chromium	10	0.55		mg/Kg-dry	1	7/13/00
Lead	190	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	0.10	0.077		mg/Kg-dry	1	7/13/00 11:49:26 AM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: YK
Aroclor 1016	ND	52		µg/Kg-dry	1	8/3/00 9:44:00 AM
Aroclor 1221	ND	52		µg/Kg-dry	1	8/3/00 9:44:00 AM
Aroclor 1232	ND	52		µg/Kg-dry	1	8/3/00 9:44:00 AM
Aroclor 1242	ND	52		µg/Kg-dry	1	8/3/00 9:44:00 AM
Aroclor 1248	ND	52		µg/Kg-dry	1	8/3/00 9:44:00 AM
Aroclor 1254	ND	52		µg/Kg-dry	1	8/3/00 9:44:00 AM
Aroclor 1260	ND	52		µg/Kg-dry	1	8/3/00 9:44:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-12A

Client Sample ID: SO-17
 Collection Date: 7/9/00 8:07:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
1,2-Dichlorobenzene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
1,3-Dichlorobenzene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
1,4-Dichlorobenzene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2,4,5-Trichlorophenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2,4,6-Trichlorophenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2,4-Dichlorophenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2,4-Dimethylphenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2,4-Dinitrophenol	ND	8,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2,4-Dinitrotoluene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2,6-Dinitrotoluene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2-Chloronaphthalene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2-Chlorophenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2-Methylnaphthalene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2-Methylphenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2-Nitroaniline	ND	8,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
2-Nitrophenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
3,3'-Dichlorobenzidine	ND	8,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
3-Nitroaniline	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4,6-Dinitro-2-methylphenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4-Bromophenyl phenyl ether	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4-Chloro-3-methylphenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4-Chloroaniline	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4-Chlorophenyl phenyl ether	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4-Methylphenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4-Nitroaniline	ND	8,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
4-Nitrophenol	ND	8,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Acenaphthene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Acenaphthylene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Aniline	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Anthracene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benz(a)anthracene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benzidine	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benzo(a)pyrene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benzo(b)fluoranthene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benzo(g,h,i)perylene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benzo(k)fluoranthene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benzoic acid	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Benzyl alcohol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Bis(2-chloroethoxy)methane	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-12A

Client Sample ID: SO-17
 Collection Date: 7/9/00 8:07:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Bis(2-chloroisopropyl)ether	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Bis(2-ethylhexyl)phthalate	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Butyl benzyl phthalate	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Chrysene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Di-n-butyl phthalate	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Di-n-octyl phthalate	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Dibenz(a,h)anthracene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Dibenzofuran	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Diethyl phthalate	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Dimethyl phthalate	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Fluoranthene	4,300	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Fluorene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Hexachlorobenzene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Hexachlorobutadiene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Hexachlorocyclopentadiene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Hexachloroethane	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Indeno(1,2,3-cd)pyrene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Isophorone	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
N-Nitroso-di-n-propylamine	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
N-Nitrosodimethylamine	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
N-Nitrosodiphenylamine	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Naphthalene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Nitrobenzene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Pentachlorophenol	ND	8,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Phenanthrene	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Phenol	ND	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM
Pyrene	4,300	3,400		µg/Kg-dry	10	7/24/00 3:05:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-12A

Client Sample ID: SO-17
 Collection Date: 7/9/00 8:07:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.2		µg/Kg-dry	1	7/17/00
1,1,1-Trichloroethane	ND	5.2		µg/Kg-dry	1	7/17/00
1,1,2,2-Tetrachloroethane	ND	5.2		µg/Kg-dry	1	7/17/00
1,1,2-Trichloroethane	ND	5.2		µg/Kg-dry	1	7/17/00
1,1-Dichloroethane	ND	5.2		µg/Kg-dry	1	7/17/00
1,1-Dichloroethene	ND	5.2		µg/Kg-dry	1	7/17/00
1,1-Dichloropropene	ND	5.2		µg/Kg-dry	1	7/17/00
1,2,3-Trichlorobenzene	ND	5.2		µg/Kg-dry	1	7/17/00
1,2,3-Trichloropropane	ND	5.2		µg/Kg-dry	1	7/17/00
1,2,4-Trichlorobenzene	ND	5.2		µg/Kg-dry	1	7/17/00
1,2,4-Trimethylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
1,2-Dibromo-3-chloropropane	ND	5.2		µg/Kg-dry	1	7/17/00
1,2-Dibromoethane	ND	5.2		µg/Kg-dry	1	7/17/00
1,2-Dichlorobenzene	ND	5.2		µg/Kg-dry	1	7/17/00
1,2-Dichloroethane	ND	5.2		µg/Kg-dry	1	7/17/00
1,2-Dichloroethene, Total	ND	5.2		µg/Kg-dry	1	7/17/00
1,2-Dichloropropane	ND	5.2		µg/Kg-dry	1	7/17/00
1,3,5-Trimethylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
1,3-Dichlorobenzene	ND	5.2		µg/Kg-dry	1	7/17/00
1,3-Dichloropropane	ND	5.2		µg/Kg-dry	1	7/17/00
1,4-Dichlorobenzene	ND	5.2		µg/Kg-dry	1	7/17/00
2,2-Dichloropropane	ND	5.2		µg/Kg-dry	1	7/17/00
2-Butanone	ND	10		µg/Kg-dry	1	7/17/00
2-Chloroethyl vinyl ether	ND	5.2		µg/Kg-dry	1	7/17/00
2-Chlorotoluene	ND	5.2		µg/Kg-dry	1	7/17/00
2-Hexanone	ND	10		µg/Kg-dry	1	7/17/00
4-Chlorotoluene	ND	5.2		µg/Kg-dry	1	7/17/00
4-Isopropyltoluene	ND	5.2		µg/Kg-dry	1	7/17/00
4-Methyl-2-pentanone	ND	10		µg/Kg-dry	1	7/17/00
Acetone	ND	10		µg/Kg-dry	1	7/17/00
Acrolein	ND	100		µg/Kg-dry	1	7/17/00
Benzene	ND	5.2		µg/Kg-dry	1	7/17/00
Bromobenzene	ND	5.2		µg/Kg-dry	1	7/17/00
Bromochloromethane	ND	5.2		µg/Kg-dry	1	7/17/00
Bromodichloromethane	ND	5.2		µg/Kg-dry	1	7/17/00
Bromoform	ND	5.2		µg/Kg-dry	1	7/17/00
Bromomethane	ND	5.2		µg/Kg-dry	1	7/17/00
Carbon disulfide	ND	5.2		µg/Kg-dry	1	7/17/00
Carbon tetrachloride	ND	5.2		µg/Kg-dry	1	7/17/00
Chlorobenzene	ND	5.2		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-12A

Client Sample ID: SO-17
 Collection Date: 7/9/00 8:07:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.2		µg/Kg-dry	1	7/17/00
Chloroform	ND	5.2		µg/Kg-dry	1	7/17/00
Chloromethane	ND	5.2		µg/Kg-dry	1	7/17/00
cis-1,2-Dichloroethene	ND	5.2		µg/Kg-dry	1	7/17/00
cis-1,3-Dichloropropene	ND	5.2		µg/Kg-dry	1	7/17/00
Dibromochloromethane	ND	5.2		µg/Kg-dry	1	7/17/00
Dibromomethane	ND	5.2		µg/Kg-dry	1	7/17/00
Dichlorodifluoromethane	ND	5.2		µg/Kg-dry	1	7/17/00
Diethyl Ether	ND	5.2		µg/Kg-dry	1	7/17/00
Ethylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
Hexachlorobutadiene	ND	5.2		µg/Kg-dry	1	7/17/00
Iodomethane	ND	5.2		µg/Kg-dry	1	7/17/00
Isopropylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
m,p-Xylene	ND	5.2		µg/Kg-dry	1	7/17/00
Methyl tert-butyl ether	ND	5.2		µg/Kg-dry	1	7/17/00
Methylene chloride	ND	5.2		µg/Kg-dry	1	7/17/00
n-Butylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
n-Propylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
Naphthalene	ND	5.2		µg/Kg-dry	1	7/17/00
o-Xylene	ND	5.2		µg/Kg-dry	1	7/17/00
sec-Butylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
Styrene	ND	5.2		µg/Kg-dry	1	7/17/00
tert-Butylbenzene	ND	5.2		µg/Kg-dry	1	7/17/00
Tetrachloroethene	ND	5.2		µg/Kg-dry	1	7/17/00
Tetrahydrofuran	ND	10		µg/Kg-dry	1	7/17/00
Toluene	ND	5.2		µg/Kg-dry	1	7/17/00
trans-1,2-Dichloroethene	ND	5.2		µg/Kg-dry	1	7/17/00
trans-1,3-Dichloropropene	ND	5.2		µg/Kg-dry	1	7/17/00
Trichloroethene	ND	5.2		µg/Kg-dry	1	7/17/00
Trichlorofluoromethane	ND	5.2		µg/Kg-dry	1	7/17/00
Vinyl acetate	ND	5.2		µg/Kg-dry	1	7/17/00
Vinyl chloride	ND	5.2		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-13A

Client Sample ID: S0-18
 Collection Date: 7/7/00 8:12:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	5.5		mg/Kg-dry	1	7/13/00
Barium	34	11		mg/Kg-dry	1	7/13/00
Cadmium	ND	0.55		mg/Kg-dry	1	7/13/00
Chromium	8.0	0.55		mg/Kg-dry	1	7/13/00
Lead	89	2.8		mg/Kg-dry	1	7/13/00
Selenium	ND	14		mg/Kg-dry	1	7/13/00
Silver	ND	0.55		mg/Kg-dry	1	7/13/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.086		mg/Kg-dry	1	7/13/00 11:16:28 AM
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: YK
Aroclor 1016	ND	550		µg/Kg-dry	10	8/3/00 10:11:00 AM
Aroclor 1221	ND	550		µg/Kg-dry	10	8/3/00 10:11:00 AM
Aroclor 1232	ND	550		µg/Kg-dry	10	8/3/00 10:11:00 AM
Aroclor 1242	ND	550		µg/Kg-dry	10	8/3/00 10:11:00 AM
Aroclor 1248	ND	550		µg/Kg-dry	10	8/3/00 10:11:00 AM
Aroclor 1254	ND	550		µg/Kg-dry	10	8/3/00 10:11:00 AM
Aroclor 1260	ND	550		µg/Kg-dry	10	8/3/00 10:11:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-13A

Client Sample ID: S0-18
 Collection Date: 7/7/00 8:12:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
1,2-Dichlorobenzene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
1,3-Dichlorobenzene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
1,4-Dichlorobenzene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2,4,5-Trichlorophenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2,4,6-Trichlorophenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2,4-Dichlorophenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2,4-Dimethylphenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2,4-Dinitrophenol	ND	8,800		µg/Kg-dry	10	7/24/00 3:52:00 PM
2,4-Dinitrotoluene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2,6-Dinitrotoluene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2-Chloronaphthalene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2-Chlorophenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2-Methylnaphthalene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2-Methylphenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
2-Nitroaniline	ND	8,800		µg/Kg-dry	10	7/24/00 3:52:00 PM
2-Nitrophenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
3,3'-Dichlorobenzidine	ND	8,800		µg/Kg-dry	10	7/24/00 3:52:00 PM
3-Nitroaniline	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
4,6-Dinitro-2-methylphenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
4-Bromophenyl phenyl ether	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
4-Chloro-3-methylphenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
4-Chloroaniline	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
4-Chlorophenyl phenyl ether	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
4-Methylphenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
4-Nitroaniline	ND	8,800		µg/Kg-dry	10	7/24/00 3:52:00 PM
4-Nitrophenol	ND	8,800		µg/Kg-dry	10	7/24/00 3:52:00 PM
Acenaphthene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Acenaphthylene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Aniline	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Anthracene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benz(a)anthracene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benzidine	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benzo(a)pyrene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benzo(b)fluoranthene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benzo(g,h,i)perylene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benzo(k)fluoranthene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benzoic acid	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Benzyl alcohol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Bis(2-chloroethoxy)methane	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-13A

Client Sample ID: S0-18
 Collection Date: 7/7/00 8:12:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Bis(2-chloroisopropyl)ether	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Bis(2-ethylhexyl)phthalate	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Butyl benzyl phthalate	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Chrysene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Di-n-butyl phthalate	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Di-n-octyl phthalate	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Dibenz(a,h)anthracene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Dibenzofuran	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Diethyl phthalate	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Dimethyl phthalate	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Fluoranthene	4,800	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Fluorene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Hexachlorobenzene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Hexachlorobutadiene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Hexachlorocyclopentadiene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Hexachloroethane	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Indeno(1,2,3-cd)pyrene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Isophorone	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
N-Nitroso-di-n-propylamine	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
N-Nitrosodimethylamine	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
N-Nitrosodiphenylamine	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Naphthalene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Nitrobenzene	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Pentachlorophenol	ND	8,800		µg/Kg-dry	10	7/24/00 3:52:00 PM
Phenanthrene	3,900	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Phenol	ND	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM
Pyrene	4,500	3,600		µg/Kg-dry	10	7/24/00 3:52:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-13A

Client Sample ID: S0-18
 Collection Date: 7/7/00 8:12:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.5		µg/Kg-dry	1	7/17/00
1,1,1-Trichloroethane	ND	5.5		µg/Kg-dry	1	7/17/00
1,1,2,2-Tetrachloroethane	ND	5.5		µg/Kg-dry	1	7/17/00
1,1,2-Trichloroethane	ND	5.5		µg/Kg-dry	1	7/17/00
1,1-Dichloroethane	ND	5.5		µg/Kg-dry	1	7/17/00
1,1-Dichloroethene	ND	5.5		µg/Kg-dry	1	7/17/00
1,1-Dichloropropene	ND	5.5		µg/Kg-dry	1	7/17/00
1,2,3-Trichlorobenzene	ND	5.5		µg/Kg-dry	1	7/17/00
1,2,3-Trichloropropane	ND	5.5		µg/Kg-dry	1	7/17/00
1,2,4-Trichlorobenzene	ND	5.5		µg/Kg-dry	1	7/17/00
1,2,4-Trimethylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
1,2-Dibromo-3-chloropropane	ND	5.5		µg/Kg-dry	1	7/17/00
1,2-Dibromoethane	ND	5.5		µg/Kg-dry	1	7/17/00
1,2-Dichlorobenzene	ND	5.5		µg/Kg-dry	1	7/17/00
1,2-Dichloroethane	ND	5.5		µg/Kg-dry	1	7/17/00
1,2-Dichloroethene, Total	ND	5.5		µg/Kg-dry	1	7/17/00
1,2-Dichloropropane	ND	5.5		µg/Kg-dry	1	7/17/00
1,3,5-Trimethylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
1,3-Dichlorobenzene	ND	5.5		µg/Kg-dry	1	7/17/00
1,3-Dichloropropane	ND	5.5		µg/Kg-dry	1	7/17/00
1,4-Dichlorobenzene	ND	5.5		µg/Kg-dry	1	7/17/00
2,2-Dichloropropane	ND	5.5		µg/Kg-dry	1	7/17/00
2-Butanone	ND	11		µg/Kg-dry	1	7/17/00
2-Chloroethyl vinyl ether	ND	5.5		µg/Kg-dry	1	7/17/00
2-Chlorotoluene	ND	5.5		µg/Kg-dry	1	7/17/00
2-Hexanone	ND	11		µg/Kg-dry	1	7/17/00
4-Chlorotoluene	ND	5.5		µg/Kg-dry	1	7/17/00
4-Isopropyltoluene	ND	5.5		µg/Kg-dry	1	7/17/00
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	7/17/00
Acetone	ND	11		µg/Kg-dry	1	7/17/00
Acrolein	ND	110		µg/Kg-dry	1	7/17/00
Benzene	ND	5.5		µg/Kg-dry	1	7/17/00
Bromobenzene	ND	5.5		µg/Kg-dry	1	7/17/00
Bromochloromethane	ND	5.5		µg/Kg-dry	1	7/17/00
Bromodichloromethane	ND	5.5		µg/Kg-dry	1	7/17/00
Bromoform	ND	5.5		µg/Kg-dry	1	7/17/00
Bromomethane	ND	5.5		µg/Kg-dry	1	7/17/00
Carbon disulfide	ND	5.5		µg/Kg-dry	1	7/17/00
Carbon tetrachloride	ND	5.5		µg/Kg-dry	1	7/17/00
Chlorobenzene	ND	5.5		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007089
 Project: 1200 EAST MAIN STREET
 Lab ID: 0007089-13A

Client Sample ID: S0-18
 Collection Date: 7/7/00 8:12:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.5		µg/Kg-dry	1	7/17/00
Chloroform	ND	5.5		µg/Kg-dry	1	7/17/00
Chloromethane	ND	5.5		µg/Kg-dry	1	7/17/00
cis-1,2-Dichloroethene	ND	5.5		µg/Kg-dry	1	7/17/00
cis-1,3-Dichloropropene	ND	5.5		µg/Kg-dry	1	7/17/00
Dibromochloromethane	ND	5.5		µg/Kg-dry	1	7/17/00
Dibromomethane	ND	5.5		µg/Kg-dry	1	7/17/00
Dichlorodifluoromethane	ND	5.5		µg/Kg-dry	1	7/17/00
Diethyl Ether	ND	5.5		µg/Kg-dry	1	7/17/00
Ethylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
Hexachlorobutadiene	ND	5.5		µg/Kg-dry	1	7/17/00
Iodomethane	ND	5.5		µg/Kg-dry	1	7/17/00
Isopropylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
m,p-Xylene	ND	5.5		µg/Kg-dry	1	7/17/00
Methyl tert-butyl ether	ND	5.5		µg/Kg-dry	1	7/17/00
Methylene chloride	ND	5.5		µg/Kg-dry	1	7/17/00
n-Butylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
n-Propylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
Naphthalene	ND	5.5		µg/Kg-dry	1	7/17/00
o-Xylene	ND	5.5		µg/Kg-dry	1	7/17/00
sec-Butylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
Styrene	ND	5.5		µg/Kg-dry	1	7/17/00
tert-Butylbenzene	ND	5.5		µg/Kg-dry	1	7/17/00
Tetrachloroethene	ND	5.5		µg/Kg-dry	1	7/17/00
Tetrahydrofuran	ND	11		µg/Kg-dry	1	7/17/00
Toluene	ND	5.5		µg/Kg-dry	1	7/17/00
trans-1,2-Dichloroethene	ND	5.5		µg/Kg-dry	1	7/17/00
trans-1,3-Dichloropropene	ND	5.5		µg/Kg-dry	1	7/17/00
Trichloroethene	ND	5.5		µg/Kg-dry	1	7/17/00
Trichlorofluoromethane	ND	5.5		µg/Kg-dry	1	7/17/00
Vinyl acetate	ND	5.5		µg/Kg-dry	1	7/17/00
Vinyl chloride	ND	5.5		µg/Kg-dry	1	7/17/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-16A

Client Sample ID: SS-14
Collection Date: 7/6/00
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: YK
Aroclor 1016	ND	58		µg/Kg-dry	1	8/3/00 10:37:00 AM
Aroclor 1221	ND	58		µg/Kg-dry	1	8/3/00 10:37:00 AM
Aroclor 1232	ND	58		µg/Kg-dry	1	8/3/00 10:37:00 AM
Aroclor 1242	ND	58		µg/Kg-dry	1	8/3/00 10:37:00 AM
Aroclor 1248	ND	58		µg/Kg-dry	1	8/3/00 10:37:00 AM
Aroclor 1254	ND	58		µg/Kg-dry	1	8/3/00 10:37:00 AM
Aroclor 1260	ND	58		µg/Kg-dry	1	8/3/00 10:37:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 22-Sep-00

CLIENT: Bergmann Associates
Lab Order: 0007089
Project: 1200 EAST MAIN STREET
Lab ID: 0007089-17A

Client Sample ID: SO-19
Collection Date: 7/7/00 8:20:00 AM
Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: YK
Aroclor 1016	ND	260		µg/Kg-dry	5	8/3/00 11:04:00 AM
Aroclor 1221	ND	260		µg/Kg-dry	5	8/3/00 11:04:00 AM
Aroclor 1232	ND	260		µg/Kg-dry	5	8/3/00 11:04:00 AM
Aroclor 1242	ND	260		µg/Kg-dry	5	8/3/00 11:04:00 AM
Aroclor 1248	ND	260		µg/Kg-dry	5	8/3/00 11:04:00 AM
Aroclor 1254	ND	260		µg/Kg-dry	5	8/3/00 11:04:00 AM
Aroclor 1260	ND	260		µg/Kg-dry	5	8/3/00 11:04:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Sample Receipt Checklist

Client Name: FISHER ASSOCIATES
 Work Order Number 00-07-089
 Matrix: SOIL

Date and Time Received: 7/10/00 9:00AM

Received by: Scott Cooper

Reviewed by: _____
Initials | Date

Carrier name: FEDEX UPS USPS WALK-IN COURIER OTHER

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No N/A
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No N/A

Adjusted? _____ Checked by _____

Checklist completed by: Scott Cooper 7/10/00
Signature | Date

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: SAMPLE CONTAINERS BROKEN IN TRANSIT; SAMPLE #7: 1 OF 3 JARS BROKEN. SAMPLE #9: 2 OF 3 JARS BROKEN. SAMPLE #11: 1 OF 2 JARS BROKEN. SAMPLE #15 1 OF 2 JARS BROKEN. SAMPLE #16 1 OF 5 JARS BROKE.

Corrective Action: ALL JARS BROKEN WERE TRANSFERRED INTO NEW CONTAINERS

000076

BNA SUMMARY DATA
PACKAGE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-2

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-14A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5971.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 12 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/24/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
108-95-2	Phenol		380	U
111-44-4	Bis(2-chloroethyl) ether		380	U
95-57-8	2-Chlorophenol		380	U
541-73-1	1,3-Dichlorobenzene		380	U
106-46-7	1,4-Dichlorobenzene		380	U
95-50-1	1,2-Dichlorobenzene		380	U
95-48-7	2-Methylphenol		380	U
108-60-1	2,2-oxybis(1-Chloropropane)		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
120-82-1	1,2,4-Trichlorobenzene		380	U
91-20-3	Naphthalene		380	U
106-47-8	4-Chloroaniline		380	U
87-68-3	Hexachlorobutadiene		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		910	U
91-58-7	2-Chloronaphthalene		380	U
88-74-4	2-Nitroaniline		910	U
131-11-3	Dimethylphthalate		380	U
208-96-8	Acenaphthylene		380	U
606-20-2	2,6-Dinitrotoluene		380	U
99-09-2	3-Nitroaniline		910	U
83-32-9	Acenaphthene		380	U
51-28-5	2,4-Dinitrophenol		910	U
100-02-7	4-Nitrophenol		910	U

000073

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-2

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-14A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5971.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 12 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/24/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
132-64-9	Dibenzofuran		380	U
121-14-2	2,4-Dinitrotoluene		380	U
84-66-2	Diethylphthalate		380	U
7005-72-3	4-Chlorophenyl phenylether		380	U
86-73-7	Fluorene		380	U
100-01-6	4-Nitroaniline		910	U
534-52-1	4,6-Dinitro-2-methylphenol		910	U
86-30-6	N-Nitrosodiphenylamine		380	U
101-55-3	4-Bromophenyl phenylether		380	U
118-74-1	Hexachlorobenzene		380	U
87-86-5	Pentachlorophenol		910	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	Benz(a)anthracene		380	U
218-01-9	Chrysene		380	U
117-81-7	Bis(2-ethylhexyl)phthalate		380	U
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	Dibenz(a,h)anthracene		380	U
191-24-2	Benzo(g,h,i)perylene		380	U
62-53-3	Aniline		380	U
65-85-0	Benzoic Acid		1900	U

000079

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-9

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-15A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5972.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 13.8 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/24/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
108-95-2	Phenol	380		U
111-44-4	Bis(2-chloroethyl) ether	380		U
95-57-8	2-Chlorophenol	380		U
541-73-1	1,3-Dichlorobenzene	380		U
106-46-7	1,4-Dichlorobenzene	380		U
95-50-1	1,2-Dichlorobenzene	380		U
95-48-7	2-Methylphenol	380		U
108-60-1	2,2-oxybis(1-Chloropropane)	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
120-82-1	1,2,4-Trichlorobenzene	380		U
91-20-3	Naphthalene	380		U
106-47-8	4-Chloroaniline	380		U
87-68-3	Hexachlorobutadiene	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	930		U
91-58-7	2-Chloronaphthalene	380		U
88-74-4	2-Nitroaniline	930		U
131-11-3	Dimethylphthalate	380		U
208-96-8	Acenaphthylene	380		U
606-20-2	2,6-Dinitrotoluene	380		U
99-09-2	3-Nitroaniline	930		U
83-32-9	Acenaphthene	380		U
51-28-5	2,4-Dinitrophenol	930		U
100-02-7	4-Nitrophenol	930		U

000080

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-9

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-15A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5972.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 13.8 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μL) Date Analyzed: 07/24/00

Injection Volume: 1 (μL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
132-64-9	Dibenzofuran		380	U
121-14-2	2,4-Dinitrotoluene		380	U
84-66-2	Diethylphthalate		380	U
7005-72-3	4-Chlorophenyl phenylether		380	U
86-73-7	Fluorene		380	U
100-01-6	4-Nitroaniline		930	U
534-52-1	4,6-Dinitro-2-methylphenol		930	U
86-30-6	N-Nitrosodiphenylamine		380	U
101-55-3	4-Bromophenyl phenylether		380	U
118-74-1	Hexachlorobenzene		380	U
87-86-5	Pentachlorophenol		930	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	Benz(a)anthracene		380	U
218-01-9	Chrysene		380	U
117-81-7	Bis(2-ethylhexyl)phthalate		380	U
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	Dibenz(a,h)anthracene		380	U
191-24-2	Benzo(g,h,i)perylene		380	U
62-53-3	Aniline		380	U
65-85-0	Benzoic Acid		2000	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-14

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-16A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5973.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 14.1 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/24/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
108-95-2	Phenol		380	U
111-44-4	Bis(2-chloroethyl)ether		380	U
95-57-8	2-Chlorophenol		380	U
541-73-1	1,3-Dichlorobenzene		380	U
106-46-7	1,4-Dichlorobenzene		380	U
95-50-1	1,2-Dichlorobenzene		380	U
95-48-7	2-Methylphenol		380	U
108-60-1	2,2-oxybis(1-Chloropropane)		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
120-82-1	1,2,4-Trichlorobenzene		380	U
91-20-3	Naphthalene		380	U
106-47-8	4-Chloroaniline		380	U
87-68-3	Hexachlorobutadiene		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		930	U
91-58-7	2-Chloronaphthalene		380	U
88-74-4	2-Nitroaniline		930	U
131-11-3	Dimethylphthalate		380	U
208-96-8	Acenaphthylene		380	U
606-20-2	2,6-Dinitrotoluene		380	U
99-09-2	3-Nitroaniline		930	U
83-32-9	Acenaphthene		380	U
51-28-5	2,4-Dinitrophenol		930	U
100-02-7	4-Nitrophenol		930	U

000082

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-14

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-16A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5973.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 14.1 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/24/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
132-64-9	Dibenzofuran		380	U
121-14-2	2,4-Dinitrotoluene		380	U
84-66-2	Diethylphthalate		380	U
7005-72-3	4-Chlorophenyl phenylether		380	U
86-73-7	Fluorene		380	U
100-01-6	4-Nitroaniline		930	U
534-52-1	4,6-Dinitro-2-methylphenol		930	U
86-30-6	N-Nitrosodiphenylamine		380	U
101-55-3	4-Bromophenyl phenylether		380	U
118-74-1	Hexachlorobenzene		380	U
87-86-5	Pentachlorophenol		930	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	Benz(a)anthracene		380	U
218-01-9	Chrysene		380	U
117-81-7	Bis(2-ethylhexyl)phthalate		380	U
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	Dibenz(a,h)anthracene		380	U
191-24-2	Benzo(g,h,i)perylene		380	U
62-53-3	Aniline		380	U
65-85-0	Benzoic Acid		2000	U

000083

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SO-19

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-17A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5974.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 4.1 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/24/00

Injection Volume: 1 (μ L) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
108-95-2	Phenol		1700	U
111-44-4	Bis(2-chloroethyl) ether		1700	U
95-57-8	2-Chlorophenol		1700	U
541-73-1	1,3-Dichlorobenzene		1700	U
106-46-7	1,4-Dichlorobenzene		1700	U
95-50-1	1,2-Dichlorobenzene		1700	U
95-48-7	2-Methylphenol		1700	U
108-60-1	2,2-oxybis(1-Chloropropane)		1700	U
106-44-5	4-Methylphenol		1700	U
621-64-7	N-Nitroso-di-n-propylamine		1700	U
67-72-1	Hexachloroethane		1700	U
98-95-3	Nitrobenzene		1700	U
78-59-1	Isophorone		1700	U
88-75-5	2-Nitrophenol		1700	U
105-67-9	2,4-Dimethylphenol		1700	U
111-91-1	Bis(2-chloroethoxy) methane		1700	U
120-83-2	2,4-Dichlorophenol		1700	U
120-82-1	1,2,4-Trichlorobenzene		1700	U
91-20-3	Naphthalene		210	J
106-47-8	4-Chloroaniline		1700	U
87-68-3	Hexachlorobutadiene		1700	U
59-50-7	4-Chloro-3-methylphenol		1700	U
91-57-6	2-Methylnaphthalene		1700	U
77-47-4	Hexachlorocyclopentadiene		1700	U
88-06-2	2,4,6-Trichlorophenol		1700	U
95-95-4	2,4,5-Trichlorophenol		4200	U
91-58-7	2-Chloronaphthalene		1700	U
88-74-4	2-Nitroaniline		4200	U
131-11-3	Dimethylphthalate		1700	U
208-96-8	Acenaphthylene		1700	U
606-20-2	2,6-Dinitrotoluene		1700	U
99-09-2	3-Nitroaniline		4200	U
83-32-9	Acenaphthene		260	J
51-28-5	2,4-Dinitrophenol		4200	U
100-02-7	4-Nitrophenol		4200	U

000084

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SO-19

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-17A

Sample wt/vol: 30 (g/mL) G Lab File ID: 5974.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 4.1 Date Extracted: 07/13/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 07/24/00

Injection Volume: 1 (μ L) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 0.0 Extraction: (Type) SONC

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
132-64-9	Dibenzofuran	1700		U
121-14-2	2,4-Dinitrotoluene	1700		U
84-66-2	Diethylphthalate	1700		U
7005-72-3	4-Chlorophenyl phenylether	1700		U
86-73-7	Fluorene	220		J
100-01-6	4-Nitroaniline	4200		U
534-52-1	4,6-Dinitro-2-methylphenol	4200		U
86-30-6	N-Nitrosodiphenylamine	1700		U
101-55-3	4-Bromophenyl phenylether	1700		U
118-74-1	Hexachlorobenzene	1700		U
87-86-5	Pentachlorophenol	4200		U
85-01-8	Phenanthrene	2800		
120-12-7	Anthracene	670		J
86-74-8	Carbazole	460		J
84-74-2	Di-n-butylphthalate	1700		U
206-44-0	Fluoranthene	3800		
129-00-0	Pyrene	3700		
85-68-7	Butylbenzylphthalate	1700		U
91-94-1	3,3'-Dichlorobenzidine	1700		U
56-55-3	Benz(a)anthracene	1800		
218-01-9	Chrysene	2100		
117-81-7	Bis(2-ethylhexyl)phthalate	240		J
117-84-0	Di-n-octylphthalate	1700		U
205-99-2	Benzo(b)fluoranthene	1700		U
207-08-9	Benzo(k)fluoranthene	400		J
50-32-8	Benzo(a)pyrene	2000		
193-39-5	Indeno(1,2,3-cd)pyrene	1500		J
53-70-3	Dibenz(a,h)anthracene	1700		U
191-24-2	Benzo(g,h,i)perylene	1800		
62-53-3	Aniline	1700		U
65-85-0	Benzoic Acid	8900		U

000085

VOLATILE ORGANICS ANALYSIS DATA SHEET

SS-2

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-14A

Sample wt/vol: 5 (g/mL) G Lab File ID: 6143.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 12 Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		11	U
71-55-6	1,1,1-Trichloroethane		11	U
79-34-5	1,1,2,2-Tetrachloroethane		11	U
79-00-5	1,1,2-Trichloroethane		11	U
75-34-3	1,1-Dichloroethane		11	U
75-35-4	1,1-Dichloroethene		11	U
563-58-6	1,1-Dichloropropene		11	U
87-61-6	1,2,3-Trichlorobenzene		11	U
96-18-4	1,2,3-Trichloropropane		11	U
120-82-1	1,2,4-Trichlorobenzene		11	U
95-63-6	1,2,4-Trimethylbenzene		11	U
96-12-8	1,2-Dibromo-3-chloropropane		11	U
106-93-4	1,2-Dibromoethane		11	U
95-50-1	1,2-Dichlorobenzene		11	U
107-06-2	1,2-Dichloroethane		11	U
78-87-5	1,2-Dichloropropane		11	U
108-67-8	1,3,5-Trimethylbenzene		11	U
541-73-1	1,3-Dichlorobenzene		11	U
142-28-9	1,3-Dichloropropane		11	U
106-46-7	1,4-Dichlorobenzene		11	U
590-20-7	2,2-Dichloropropane		11	U
78-93-3	2-Butanone		11	U
110-75-8	2-Chloroethyl vinyl ether		11	U
95-49-8	2-Chlorotoluene		11	U
591-78-6	2-Hexanone		11	U
106-43-4	4-Chlorotoluene		11	U
99-87-6	4-Isopropyltoluene		11	U
108-10-1	4-Methyl-2-pentanone		11	U
67-64-1	Acetone		7	BJ
107-13-1	Acrylonitrile		110	U
71-43-2	Benzene		11	U
108-86-1	Bromobenzene		11	U
74-97-5	Bromochloromethane		11	U
75-27-4	Bromodichloromethane		11	U
75-25-2	Bromoform		11	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

SS-2

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-14A

Sample wt/vol: 5 (g/mL) G Lab File ID: 6143.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 12 Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
74-83-9	Bromomethane		11	U
75-15-0	Carbon disulfide		11	U
56-23-5	Carbon tetrachloride		11	U
108-90-7	Chlorobenzene		11	U
75-00-3	Chloroethane		11	U
67-66-3	Chloroform		11	U
74-87-3	Chloromethane		11	U
156-59-2	cis-1,2-Dichloroethene		11	U
10061-01-5	cis-1,3-Dichloropropene		11	U
124-48-1	Dibromochloromethane		11	U
74-95-3	Dibromomethane		11	U
75-71-8	Dichlorodifluoromethane		11	U
100-41-4	Ethylbenzene		11	U
87-68-3	Hexachlorobutadiene		11	U
74-88-4	Iodomethane		11	U
98-82-8	Isopropylbenzene		11	U
1634-04-4	Methyl tert-butyl-ether		11	U
75-09-2	Methylene chloride		3	BJ
104-51-8	n-Butylbenzene		11	U
103-65-1	n-Propylbenzene		11	U
91-20-3	Naphthalene		11	U
135-98-8	sec-Butylbenzene		11	U
100-42-5	Styrene		11	U
98-06-6	tert-Butylbenzene		11	U
127-18-4	Tetrachloroethene		11	U
109-99-9	Tetrahydrofuran		11	U
108-88-3	Toluene		11	U
156-60-5	trans-1,2-Dichloroethene		11	U
10061-02-6	trans-1,3-Dichloropropene		11	U
79-01-6	Trichloroethene		11	U
75-69-4	Trichlorofluoromethane		11	U
108-05-4	Vinyl acetate		11	U
75-01-4	Vinyl chloride		11	U
1330-20-7	Xylenes, Total		11	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

SS-9

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-15A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6163.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 13.8 Date Analyzed: 07/13/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
79-34-5	1,1,2,2-Tetrachloroethane		12	U
79-00-5	1,1,2-Trichloroethane		12	U
75-34-3	1,1-Dichloroethane		12	U
75-35-4	1,1-Dichloroethene		12	U
563-58-6	1,1-Dichloropropene		12	U
87-61-6	1,2,3-Trichlorobenzene		12	U
96-18-4	1,2,3-Trichloropropane		12	U
120-82-1	1,2,4-Trichlorobenzene		12	U
95-63-6	1,2,4-Trimethylbenzene		12	U
96-12-8	1,2-Dibromo-3-chloropropane		12	U
106-93-4	1,2-Dibromoethane		12	U
95-50-1	1,2-Dichlorobenzene		12	U
107-06-2	1,2-Dichloroethane		12	U
78-87-5	1,2-Dichloropropane		12	U
108-67-8	1,3,5-Trimethylbenzene		12	U
541-73-1	1,3-Dichlorobenzene		12	U
142-28-9	1,3-Dichloropropane		12	U
106-46-7	1,4-Dichlorobenzene		12	U
590-20-7	2,2-Dichloropropane		12	U
78-93-3	2-Butanone		4	J
110-75-8	2-Chloroethyl vinyl ether		12	U
95-49-8	2-Chlorotoluene		12	U
591-78-6	2-Hexanone		12	U
106-43-4	4-Chlorotoluene		12	U
99-87-6	4-Isopropyltoluene		12	U
108-10-1	4-Methyl-2-pentanone		12	U
67-64-1	Acetone		14	
107-13-1	Acrylonitrile		120	U
71-43-2	Benzene		12	U
108-86-1	Bromobenzene		12	U
74-97-5	Bromochloromethane		12	U
75-27-4	Bromodichloromethane		12	U
75-25-2	Bromoform		12	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

SS-9

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-15A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6163.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 13.8 Date Analyzed: 07/13/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
74-83-9	Bromomethane		12	U
75-15-0	Carbon disulfide		12	U
56-23-5	Carbon tetrachloride		12	U
108-90-7	Chlorobenzene		12	U
75-00-3	Chloroethane		12	U
67-66-3	Chloroform		12	U
74-87-3	Chloromethane		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
10061-01-5	cis-1,3-Dichloropropene		12	U
124-48-1	Dibromochloromethane		12	U
74-95-3	Dibromomethane		12	U
75-71-8	Dichlorodifluoromethane		12	U
100-41-4	Ethylbenzene		12	U
87-68-3	Hexachlorobutadiene		12	U
74-88-4	Iodomethane		12	U
98-82-8	Isopropylbenzene		12	U
1634-04-4	Methyl tert-butyl-ether		12	U
75-09-2	Methylene chloride		12	U
104-51-8	n-Butylbenzene		12	U
103-65-1	n-Propylbenzene		12	U
91-20-3	Naphthalene		12	U
135-98-8	sec-Butylbenzene		12	U
100-42-5	Styrene		12	U
98-06-6	tert-Butylbenzene		12	U
127-18-4	Tetrachloroethene		12	U
109-99-9	Tetrahydrofuran		12	U
108-88-3	Toluene		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
10061-02-6	trans-1,3-Dichloropropene		12	U
79-01-6	Trichloroethene		12	U
75-69-4	Trichlorofluoromethane		12	U
108-05-4	Vinyl acetate		12	U
75-01-4	Vinyl chloride		12	U
1330-20-7	Xylenes, Total		12	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

SS-14

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-16A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6164.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 14.1 Date Analyzed: 07/13/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
79-34-5	1,1,2,2-Tetrachloroethane		12	U
79-00-5	1,1,2-Trichloroethane		12	U
75-34-3	1,1-Dichloroethane		12	U
75-35-4	1,1-Dichloroethene		12	U
563-58-6	1,1-Dichloropropene		12	U
87-61-6	1,2,3-Trichlorobenzene		12	U
96-18-4	1,2,3-Trichloropropane		12	U
120-82-1	1,2,4-Trichlorobenzene		12	U
95-63-6	1,2,4-Trimethylbenzene		12	U
96-12-8	1,2-Dibromo-3-chloropropane		12	U
106-93-4	1,2-Dibromoethane		12	U
95-50-1	1,2-Dichlorobenzene		12	U
107-06-2	1,2-Dichloroethane		12	U
78-87-5	1,2-Dichloropropane		12	U
108-67-8	1,3,5-Trimethylbenzene		12	U
541-73-1	1,3-Dichlorobenzene		12	U
142-28-9	1,3-Dichloropropane		12	U
106-46-7	1,4-Dichlorobenzene		12	U
590-20-7	2,2-Dichloropropane		12	U
78-93-3	2-Butanone		12	U
110-75-8	2-Chloroethyl vinyl ether		12	U
95-49-8	2-Chlorotoluene		12	U
591-78-6	2-Hexanone		12	U
106-43-4	4-Chlorotoluene		12	U
99-87-6	4-Isopropyltoluene		12	U
108-10-1	4-Methyl-2-pentanone		12	U
67-64-1	Acetone		10	J
107-13-1	Acrylonitrile		120	U
71-43-2	Benzene		12	U
108-86-1	Bromobenzene		12	U
74-97-5	Bromochloromethane		12	U
75-27-4	Bromodichloromethane		12	U
75-25-2	Bromoform		12	U

000098

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-14

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089
 Matrix: (soil/water) SOIL Lab Sample ID: 0007089-16A
 Sample wt/vol: 5 (g/mL) G Lab File ID: G6164.D
 Level: (low/med) LOW Date Received: 07/07/00
 % Moisture: not dec. 14.1 Date Analyzed: 07/13/00
 GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00
 Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
74-83-9	Bromomethane		12	U
75-15-0	Carbon disulfide		12	U
56-23-5	Carbon tetrachloride		12	U
108-90-7	Chlorobenzene		12	U
75-00-3	Chloroethane		12	U
67-66-3	Chloroform		12	U
74-87-3	Chloromethane		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
10061-01-5	cis-1,3-Dichloropropene		12	U
124-48-1	Dibromochloromethane		12	U
74-95-3	Dibromomethane		12	U
75-71-8	Dichlorodifluoromethane		12	U
100-41-4	Ethylbenzene		12	U
87-68-3	Hexachlorobutadiene		12	U
74-88-4	Iodomethane		12	U
98-82-8	Isopropylbenzene		12	U
1634-04-4	Methyl tert-butyl-ether		12	U
75-09-2	Methylene chloride		12	U
104-51-8	n-Butylbenzene		12	U
103-65-1	n-Propylbenzene		12	U
91-20-3	Naphthalene		12	U
135-98-8	sec-Butylbenzene		12	U
100-42-5	Styrene		12	U
98-06-6	tert-Butylbenzene		12	U
127-18-4	Tetrachloroethene		12	U
109-99-9	Tetrahydrofuran		12	U
108-88-3	Toluene		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
10061-02-6	trans-1,3-Dichloropropene		12	U
79-01-6	Trichloroethene		12	U
75-69-4	Trichlorofluoromethane		12	U
108-05-4	Vinyl acetate		12	U
75-01-4	Vinyl chloride		12	U
1330-20-7	Xylenes, Total		12	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

SO-19

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-17A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6165.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 4.1 Date Analyzed: 07/13/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		5	J
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		10	U
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

000100

VOLATILE ORGANICS ANALYSIS DATA SHEET

SO-19

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: 0007089-17A

Sample wt/vol: 5 (g/mL) G Lab File ID: G6165.D

Level: (low/med) LOW Date Received: 07/07/00

% Moisture: not dec. 4.1 Date Analyzed: 07/13/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		10	U
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: METHOD BLANK

Sample wt/vol: 5 (g/mL) G Lab File ID: 6133.D

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

% Moisture: not dec. Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		4	J
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		10	U
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: METHOD BLANK

Sample wt/vol: 5 (g/mL) G Lab File ID: 6133.D

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

% Moisture: not dec. Date Analyzed: 07/12/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		3	J
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089
 Matrix: (soil/water) SOIL Lab Sample ID: METHOD BLANK
 Sample wt/vol: 5 (g/mL) G Lab File ID: G6158.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 07/13/00
 GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00
 Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		10	U
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0007089

Matrix: (soil/water) SOIL Lab Sample ID: METHOD BLANK

Sample wt/vol: 5 (g/mL) G Lab File ID: G6158.D

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

% Moisture: not dec. Date Analyzed: 07/13/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/KG	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		10	U
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		10	U
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-19

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: SS-14_

Matrix (soil/water): SOIL_ Lab Sample ID: 0007089-17

Level (low/med): LOW_ Date Received: 07/07/00

% Solids: _95.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	7.5			P
7440-39-3	Barium	47.9		E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	B	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	11.7		E	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	157		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.07			AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.17	U		P
7440-22-4	Silver	0.07	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-77-5	Cyanide				NR

Color Before: BROWN_ Clarity Before: CLOUDY Texture: _____

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-14

Lab Name: TOXIKON_CORPORATION_____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: SS-14_

Matrix (soil/water): SOIL_ Lab Sample ID: 0007089-16

Level (low/med): LOW_ Date Received: 07/07/00

% Solids: _85.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.7			P
7440-39-3	Barium	43.1		E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.04	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	6.6		E	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	5.6		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.18	U		P
7440-22-4	Silver	0.04	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-77-5	Cyanide				NR

Color Before: BROWN_ Clarity Before: CLOUDY Texture: _____

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-2

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: SS-14_

Matrix (soil/water): SOIL_ Lab Sample ID: 0007089-14

Level (low/med): LOW_ Date Received: 07/07/00

% Solids: _88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.1	B		P
7440-39-3	Barium	19.2	B	E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.04	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	5.0		E	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.3		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.18	U		P
7440-22-4	Silver	0.04	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-77-5	Cyanide				NR

Color Before: BROWN_ Clarity Before: CLOUDY Texture: _____

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: _____

Comments:

000189

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

SS-9

Lab Name: TOXIKON_CORPORATION_____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: SS-14_

Matrix (soil/water): SOIL_ Lab Sample ID: 0007089-15

Level (low/med): LOW_ Date Received: 07/07/00

% Solids: _86.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0			P
7440-39-3	Barium	84.2		E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.04	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	10.0		E	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	9.7		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.18	U		P
7440-22-4	Silver	0.82	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-77-5	Cyanide				NR

Color Before: BROWN_ Clarity Before: CLOUDY Texture: _____

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

TP-3

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: SS-14_

Matrix (soil/water): SOIL_ Lab Sample ID: 0006642-01

Level (low/med): LOW_ Date Received: 06/30/00

% Solids: _82.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.4			P
7440-39-3	Barium	45.5		E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.17	B	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.9		E	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	96.4		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10			AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.19	U		P
7440-22-4	Silver	0.05	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-77-5	Cyanide				NR

Color Before: BROWN_ Clarity Before: CLOUDY Texture: _____

Color After: YELLOW_ Clarity After: CLEAR_ Artifacts: _____

Comments:

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

Subsurface
soil
sample
GED-101

September 05, 2000

Gary Flisnik
Bergmann Associates
200 First Federal Plaza
288 East Main Street
Rochester, NY 146141909
TEL: (716) 232-5135
FAX (716) 232-4652

RE: 4453.01 M0003

Order No.: 0007281

Dear Gary Flisnik,

Toxikon received 1 sample on 7/19/00 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in a Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Paul Lezberg

Certifications: MA: MA 064, NH: 204099A and 204099B, ME: MA064, RI: 55, VT: MA064, TN: MA0
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:

Toxikon

Date: 05-Sep-00

CLIENT: Bergmann Associates
Project: 4453.01 M0003
Lab Order: 0007281
Date Received: 7/19/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0007281-01A	GEO-101	7/18/00 10:35:00 AM

TOXIKON

15 Wiggins Ave., Bedford, MA 01730
Telephone: (781) 275-3330
Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 00-07-281
DUE DATE : 7-28-00

COMPANY: BERENSON ASSOCIATES
ADDRESS: 200 WEST HAZEN AVENUE
ROCHESTER, NY 14614
PHONE #: (716) 232-537 FAX #: (716) 232-4652
P.O. #: _____
PROJECT MANAGER: GARY FISNIK
PROJECT ID/LOCATION: 4453.01 H 00 03

- SAMPLE TYPE**
1. WASTEWATER
2. SOL
3. SLUDGE
4. OIL
5. DRINKING WATER
6. WATER (GW/WW/SW)
7. OTHER (SPECIFY)
- CONTAINER TYPE**
P PLASTIC
G GLASS
V VOA

ANALYSES

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER		SAMPLING		PRESERVATIVE	ANALYSES					SPECIAL INSTRUCTIONS/COMMENTS								
			SIZE	TYPE	#	DATE		TIME	PCB'S	VOCS	SVOC'S	PCOA		PCOA BY METALS							
①	G20-101	Z	4oz	G	2	07/18/00	1035	4°C	X	X	X	X	X								

SAMPLED BY: <u>[Signature]</u>	DATE: <u>07-18-00</u> TIME: <u>10-35-AM</u>	QUOTATION #:
ACQUIRED BY: <u>[Signature]</u>	DATE: <u>07-18-00</u> TIME: <u>16-00-AM</u>	RECEIVED BY: <u>BACK #</u> <u>8215 5322 1880</u>
ACQUIRED BY: <u>[Signature]</u>	DATE: <u>7-19-00</u>	RECEIVED FOR LAB BY: <u>[Signature]</u>
		DATE: <u>7-18-00</u> TIME: <u>16-00-AM</u> DATE: <u>7-19-00</u>

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
Sample disposal information

JUL-18-2000 TUE 12:52 PM TOXIKON

FAX NO. 17812757478

P. 02

CASE NARRATIVE

Laboratory: Toxikon Corp.
Work Order: 0007281

As discussed, bulk density is not reported because Toxikon Corp does not perform bulk density analysis.

From: Flisnik, Gary <flisnik@BERGMANNPC.com>
To: 'Jim Kinch' <jim.kinch@toxikon.com>
Date: Friday, August 18, 2000 7:32 AM
Subject: RE: Confirmation

Please extract and run the M0003 PCB sample out of hold time.

-----Original Message-----

From: Jim Kinch [<mailto:jim.kinch@toxikon.com>]
Sent: Thursday, August 17, 2000 4:39 PM
To: Flisnik, Gary
Subject: Re: Confirmation

Gary please confirm by e-mail acknowledgement your interest in having us extract and run the M0003 PCB sample out of hold time. This is a formality for our file.
thanks

Jim

8/18/00

Toxikon

Date: 05-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007281
 Project: 4453.01 M0003
 Lab ID: 0007281-01A

Client Sample ID: GEO-101
 Collection Date: 7/18/00 10:35:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
% SOLIDS		D2216				Analyst: CR
Percent Solids	33	0		wt%	1	8/1/00
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	5.3		mg/Kg-dry	1	7/24/00
Barium	22	11		mg/Kg-dry	1	7/24/00
Cadmium	0.64	0.53		mg/Kg-dry	1	7/24/00
Chromium	4.7	0.53		mg/Kg-dry	1	7/24/00
Lead	6.0	2.6		mg/Kg-dry	1	7/24/00
Selenium	ND	13		mg/Kg-dry	1	7/24/00
Silver	ND	0.53		mg/Kg-dry	1	7/24/00
MERCURY, TOTAL		SW7471A				Analyst: AS
Mercury	ND	0.080		mg/Kg-dry	1	7/24/00
PCBS IN SOIL OR SOLID WASTE		SW8082				Analyst: YK
Aroclor 1016	ND	50		µg/Kg	1	8/20/00
Aroclor 1221	ND	50		µg/Kg	1	8/20/00
Aroclor 1232	ND	50		µg/Kg	1	8/20/00
Aroclor 1242	ND	50		µg/Kg	1	8/20/00
Aroclor 1248	ND	50		µg/Kg	1	8/20/00
Aroclor 1254	ND	50		µg/Kg	1	8/20/00
Aroclor 1260	ND	50		µg/Kg	1	8/20/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 05-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007281
 Project: 4453.01 M0003
 Lab ID: 0007281-01A

Client Sample ID: GEO-101
 Collection Date: 7/18/00 10:35:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
1,2-Dichlorobenzene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
1,3-Dichlorobenzene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
1,4-Dichlorobenzene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,4,5-Trichlorophenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,4,6-Trichlorophenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,4-Dichlorophenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,4-Dimethylphenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,4-Dinitrophenol	ND	880		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,4-Dinitrotoluene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,6-Dichlorophenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2,6-Dinitrotoluene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2-Chloronaphthalene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2-Chlorophenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2-Methylnaphthalene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2-Methylphenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
2-Nitroaniline	ND	880		µg/Kg-dry	1	8/1/00 6:44:00 PM
2-Nitrophenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
3,3'-Dichlorobenzidine	ND	880		µg/Kg-dry	1	8/1/00 6:44:00 PM
3-Nitroaniline	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
4,6-Dinitro-2-methylphenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
4-Bromophenyl phenyl ether	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
4-Chloro-3-methylphenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
4-Chloroaniline	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
4-Chlorophenyl phenyl ether	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
4-Methylphenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
4-Nitroaniline	ND	880		µg/Kg-dry	1	8/1/00 6:44:00 PM
4-Nitrophenol	ND	880		µg/Kg-dry	1	8/1/00 6:44:00 PM
Acenaphthene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Acenaphthylene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Aniline	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Anthracene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benz(a)anthracene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benzidine	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benzo(a)pyrene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benzo(b)fluoranthene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benzo(g,h,i)perylene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benzo(k)fluoranthene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benzoic acid	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Benzyl alcohol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 05-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007281
 Project: 4453.01 M0003
 Lab ID: 0007281-01A

Client Sample ID: GEO-101
 Collection Date: 7/18/00 10:35:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethoxy)methane	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Bis(2-chloroethyl)ether	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Bis(2-chloroisopropyl)ether	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Bis(2-ethylhexyl)phthalate	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Butyl benzyl phthalate	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Chrysene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Di-n-butyl phthalate	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Di-n-octyl phthalate	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Dibenz(a,h)anthracene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Dibenzofuran	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Diethyl phthalate	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Dimethyl phthalate	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Fluoranthene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Fluorene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Hexachlorobenzene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Hexachlorobutadiene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Hexachlorocyclopentadiene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Hexachloroethane	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Indeno(1,2,3-cd)pyrene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Isophorone	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
N-Nitrosodi-n-propylamine	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
N-Nitrosodimethylamine	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
N-Nitrosodiphenylamine	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Naphthalene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Nitrobenzene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Pentachlorophenol	ND	880		µg/Kg-dry	1	8/1/00 6:44:00 PM
Phenanthrene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Phenol	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
Pyrene	ND	360		µg/Kg-dry	1	8/1/00 6:44:00 PM
TOTAL ORGANIC CARBON		E415.1				Analyst: ADM
Organic Carbon, Total	1,800	710		mg/Kg-dry	1	8/17/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 05-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007281
 Project: 4453.01 M0003
 Lab ID: 0007281-01A

Client Sample ID: GEO-101
 Collection Date: 7/18/00 10:35:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg-dry	1	7/31/00
1,1,1-Trichloroethane	ND	5.0		µg/Kg-dry	1	7/31/00
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg-dry	1	7/31/00
1,1,2-Trichloroethane	ND	5.0		µg/Kg-dry	1	7/31/00
1,1-Dichloroethane	ND	5.0		µg/Kg-dry	1	7/31/00
1,1-Dichloroethene	ND	5.0		µg/Kg-dry	1	7/31/00
1,1-Dichloropropene	ND	5.0		µg/Kg-dry	1	7/31/00
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg-dry	1	7/31/00
1,2,3-Trichloropropane	ND	5.0		µg/Kg-dry	1	7/31/00
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg-dry	1	7/31/00
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
1,2-Dibromo-3-chloropropane	ND	5.0		µg/Kg-dry	1	7/31/00
1,2-Dibromoethane	ND	5.0		µg/Kg-dry	1	7/31/00
1,2-Dichlorobenzene	ND	5.0		µg/Kg-dry	1	7/31/00
1,2-Dichloroethane	ND	5.0		µg/Kg-dry	1	7/31/00
1,2-Dichloroethene, Total	ND	5.0		µg/Kg-dry	1	7/31/00
1,2-Dichloropropane	ND	5.0		µg/Kg-dry	1	7/31/00
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
1,3-Dichlorobenzene	ND	5.0		µg/Kg-dry	1	7/31/00
1,3-Dichloropropane	ND	5.0		µg/Kg-dry	1	7/31/00
1,4-Dichlorobenzene	ND	5.0		µg/Kg-dry	1	7/31/00
2,2-Dichloropropane	ND	5.0		µg/Kg-dry	1	7/31/00
2-Butanone	ND	10		µg/Kg-dry	1	7/31/00
2-Chloroethyl vinyl ether	ND	5.0		µg/Kg-dry	1	7/31/00
2-Chlorotoluene	ND	5.0		µg/Kg-dry	1	7/31/00
2-Hexanone	ND	10		µg/Kg-dry	1	7/31/00
4-Chlorotoluene	ND	5.0		µg/Kg-dry	1	7/31/00
4-Isopropyltoluene	ND	5.0		µg/Kg-dry	1	7/31/00
4-Methyl-2-pentanone	ND	10		µg/Kg-dry	1	7/31/00
Acetone	ND	10		µg/Kg-dry	1	7/31/00
Acrolein	ND	100		µg/Kg-dry	1	7/31/00
Benzene	ND	5.0		µg/Kg-dry	1	7/31/00
Bromobenzene	ND	5.0		µg/Kg-dry	1	7/31/00
Bromochloromethane	ND	5.0		µg/Kg-dry	1	7/31/00
Bromodichloromethane	ND	5.0		µg/Kg-dry	1	7/31/00
Bromoform	ND	5.0		µg/Kg-dry	1	7/31/00
Bromomethane	ND	5.0		µg/Kg-dry	1	7/31/00
Carbon disulfide	ND	5.0		µg/Kg-dry	1	7/31/00
Carbon tetrachloride	ND	5.0		µg/Kg-dry	1	7/31/00
Chlorobenzene	ND	5.0		µg/Kg-dry	1	7/31/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 05-Sep-00

CLIENT: Bergmann Associates
 Lab Order: 0007281
 Project: 4453.01 M0003
 Lab ID: 0007281-01A

Client Sample ID: GEO-101
 Collection Date: 7/18/00 10:35:00 AM
 Matrix: SOIL

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.0		µg/Kg-dry	1	7/31/00
Chloroform	ND	5.0		µg/Kg-dry	1	7/31/00
Chloromethane	ND	5.0		µg/Kg-dry	1	7/31/00
cis-1,2-Dichloroethene	ND	5.0		µg/Kg-dry	1	7/31/00
cis-1,3-Dichloropropene	ND	5.0		µg/Kg-dry	1	7/31/00
Dibromochloromethane	ND	5.0		µg/Kg-dry	1	7/31/00
Dibromomethane	ND	5.0		µg/Kg-dry	1	7/31/00
Dichlorodifluoromethane	ND	5.0		µg/Kg-dry	1	7/31/00
Diethyl Ether	ND	5.0		µg/Kg-dry	1	7/31/00
Ethylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
Hexachlorobutadiene	ND	5.0		µg/Kg-dry	1	7/31/00
Iodomethane	ND	5.0		µg/Kg-dry	1	7/31/00
Isopropylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
m,p-Xylene	ND	5.0		µg/Kg-dry	1	7/31/00
Methyl tert-butyl ether	ND	5.0		µg/Kg-dry	1	7/31/00
Methylene chloride	ND	5.0		µg/Kg-dry	1	7/31/00
n-Butylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
n-Propylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
Naphthalene	ND	5.0		µg/Kg-dry	1	7/31/00
o-Xylene	ND	5.0		µg/Kg-dry	1	7/31/00
sec-Butylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
Styrene	ND	5.0		µg/Kg-dry	1	7/31/00
tert-Butylbenzene	ND	5.0		µg/Kg-dry	1	7/31/00
Tetrachloroethene	ND	5.0		µg/Kg-dry	1	7/31/00
Tetrahydrofuran	ND	10		µg/Kg-dry	1	7/31/00
Toluene	ND	5.0		µg/Kg-dry	1	7/31/00
trans-1,2-Dichloroethene	ND	5.0		µg/Kg-dry	1	7/31/00
trans-1,3-Dichloropropene	ND	5.0		µg/Kg-dry	1	7/31/00
Trichloroethene	ND	5.0		µg/Kg-dry	1	7/31/00
Trichlorofluoromethane	ND	5.0		µg/Kg-dry	1	7/31/00
Vinyl acetate	ND	5.0		µg/Kg-dry	1	7/31/00
Vinyl chloride	ND	5.0		µg/Kg-dry	1	7/31/00

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level



ISO-9001 Certified

September , 2000

LAB ORDER 0008029

Mr. Gary Flisnik
Bergmann Associates
200 First Federal Plaza
288 East Main Street
Rochester, NY 14614-1909

Groundwater
samples
MW-1
MW-2
MW-3
MW-4

Dear Mr. Flisnik,

Enclosed please find the data package and results for the 1200 E. Main Street Project.

Should you have any questions, please do not hesitate to contact me at 1-781-275-3330, ext. 128.

Very truly yours,

Susan E. Theriault
QA/QC Supervisor, Environmental Chemistry

Toxikon

Date: 25-Sep-00

CLIENT: Bergmann Associates
Project: 1200 E. MAIN STREET
Lab Order: 0008029
Date Received: 8/2/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0008029-01A	MW-1	8/1/00 1:30:00 PM
0008029-02A	MW-1, FIELD DUP	8/1/00 1:30:00 PM
0008029-03A	MW-2	8/1/00 12:45:00 PM
0008029-04A	MW-3	8/1/00 2:15:00 PM
0008029-05A	MW-3 MS/MSD	8/1/00 2:15:00 PM
0008029-06A	MW-4	8/1/00 3:00:00 PM
0008029-07A	TRIP BLANK	8/1/00

CHAIN OF CUSTODY RECORD

WORK ORDER #: 00-08-029
 DUE DATE : 8-15-00

COMPANY: BERGMANN ASSOC
 ADDRESS: 200 First Federal Plaza
20 E. MAIN STREET
ROCHESTER, NY 14614
 PHONE #: (716) 232-5137 FAX #: ()
 P.O. #:
 PROJECT MANAGER: GARY FLISNIK
 PROJECT ID/LOCATION: 200 E. MAIN STREET

- SAMPLE TYPE** **CONTAINER TYPE**
- 1. WASTEWATER P - PLASTIC
 - 2. SOIL G - GLASS
 - 3. SLUDGE V - VOA
 - 4. OIL
 - 5. DRINKING WATER
 - 6. WATER (GW/MW/SW)
 - 7. OTHER (SPECIFY)

ANALYSES

ASP VOCs: HITE 8260
 ASP VOCs: 8270
 ASP PCBs: 8480

TOXIKON #	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES										SPECIAL INSTRUCTIONS/ COMMENTS				
			SIZE	TYPE	#	DATE	TIME																
1	MW-1	AQ			5	8/1/00	1330		X	X	X												PH 2.5
2	MW-1 Field DP	AQ			5	8/1/00	1330		X	X	X												PH 2.5
3	MW-2	AQ			5	8/1/00	1245		X	X	X												PH 2.5
4	MW-3	AQ			5	8/1/00	1415		X	X	X												PH 2.5
5	MW-3 H3/H50	AQ			5	8/1/00	1415		X	X	X												PH 2.5
6	MW-4	AQ			5	8/1/00	1500		X	X	X												PH 2.5
7	TRIP BLANK	AQ			1	-	-																

AMPLIFIED BY: _____
 RELINQUISHED BY: _____
 RELINQUISHED BY: Fedex
 METHOD OF SHIPMENT: Fedex

DATE: 08-01-00
 TIME: AS ABOVE

DATE: 08-01-00
 TIME: 15:30

DATE: 8-2-00
 TIME: 9:00 AM

QUOTATION #:
 RECEIVED BY: 8215 5322
Fedex 1593
 RECEIVED FOR LAB BY: William G. McNamee
 COOLER TEMPERATURE: 2°C

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
Sample disposal information
 Are there any other known or suspected contaminants in these samples other than those listed above?
 Yes No

JUL-18-2000 TUE 12:52 PM TOXIKON
 FAX NO. 17812757478
 P. 02

SDG NARRATIVE

Laboratory: Toxikon Corp.
Work Order: 0008029

Samples were analyzed in accordance with SW-846 for PCB's, Metals, Semivolatiles, and Volatiles. parameters. All samples were analyzed within the required holding times.

VOLATILES:

No problems were encountered.

SEMIVOLATILES:

No problems were encountered. Several samples required analysis at a dilution due to the sample matrix.

CASE NARRATIVE FOR METALS

Work Order 0008029

No analytical problems were associated with this SDG. Due to software problems, all metals were reported instead of only the RCRA 8 metals as requested. Please disregard all other metals and their associated flags.

000005

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Douglas Sheeley

Douglas Sheeley
Laboratory Manager

9/25/00

Date

VOA SUMMARY DATA
PACKAGE

000007

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER

Sample wt/vol: 5 (g/mL) ML

Level: (low/med) LOW

% Moisture: not dec.

GC Column: RTX-624 ID: 25 (mm)

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

Lab Sample ID: 0008029-01A

Lab File ID: G6737.D

Date Received: 08/02/00

Date Analyzed: 08/10/00

Dilution Factor: 20.00

CONCENTRATION UNITS:

CAS NO.	COMPOUND.	(μg/L or μg/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		200	U
71-55-6	1,1,1-Trichloroethane		200	U
79-34-5	1,1,2,2-Tetrachloroethane		200	U
79-00-5	1,1,2-Trichloroethane		200	U
75-34-3	1,1-Dichloroethane		200	U
75-35-4	1,1-Dichloroethene		200	U
563-58-6	1,1-Dichloropropene		200	U
87-61-6	1,2,3-Trichlorobenzene		200	U
96-18-4	1,2,3-Trichloropropane		200	U
120-82-1	1,2,4-Trichlorobenzene		200	U
95-63-6	1,2,4-Trimethylbenzene		210	
96-12-8	1,2-Dibromo-3-chloropropane		200	U
106-93-4	1,2-Dibromoethane		200	U
95-50-1	1,2-Dichlorobenzene		200	U
107-06-2	1,2-Dichloroethane		60	J
78-87-5	1,2-Dichloropropane		200	U
108-67-8	1,3,5-Trimethylbenzene		52	J
541-73-1	1,3-Dichlorobenzene		200	U
142-28-9	1,3-Dichloropropane		200	U
106-46-7	1,4-Dichlorobenzene		200	U
590-20-7	2,2-Dichloropropane		200	U
78-93-3	2-Butanone		52	J
110-75-8	2-Chloroethyl vinyl ether		200	U
95-49-8	2-Chlorotoluene		200	U
591-78-6	2-Hexanone		200	U
106-43-4	4-Chlorotoluene		200	U
99-87-6	4-Isopropyltoluene		200	U
108-10-1	4-Methyl-2-pentanone		200	U
67-64-1	Acetone		69	J
107-13-1	Acrylonitrile		2000	U
71-43-2	Benzene		2400	
108-86-1	Bromobenzene		200	U
74-97-5	Bromochloromethane		200	U
75-27-4	Bromodichloromethane		200	U
75-25-2	Bromoform		200	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029
 Matrix: (soil/water) WATER Lab Sample ID: 0008029-01A
 Sample wt/vol: 5 (g/mL) ML Lab File ID: G6737.D
 Level: (low/med) LOW Date Received: 08/02/00
 % Moisture: not dec. Date Analyzed: 08/10/00
 GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 20.00
 Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
74-83-9	Bromomethane		200	U
75-15-0	Carbon disulfide		200	U
56-23-5	Carbon tetrachloride		200	U
108-90-7	Chlorobenzene		200	U
75-00-3	Chloroethane		200	U
67-66-3	Chloroform		200	U
74-87-3	Chloromethane		200	U
156-59-2	cis-1,2-Dichloroethene		200	U
10061-01-5	cis-1,3-Dichloropropene		200	U
124-48-1	Dibromochloromethane		200	U
74-95-3	Dibromomethane		200	U
75-71-8	Dichlorodifluoromethane		200	U
100-41-4	Ethylbenzene		420	
87-68-3	Hexachlorobutadiene		200	U
74-88-4	Iodomethane		200	U
98-82-8	Isopropylbenzene		200	U
1634-04-4	Methyl tert-butyl-ether		200	U
75-09-2	Methylene chloride		200	U
104-51-8	n-Butylbenzene		200	U
103-65-1	n-Propylbenzene		200	U
91-20-3	Naphthalene		50	J
135-98-8	sec-Butylbenzene		200	U
100-42-5	Styrene		200	U
98-06-6	tert-Butylbenzene		200	U
127-18-4	Tetrachloroethene		200	U
109-99-9	Tetrahydrofuran		200	U
108-88-3	Toluene		1500	
156-60-5	trans-1,2-Dichloroethene		200	U
10061-02-6	trans-1,3-Dichloropropene		200	U
79-01-6	Trichloroethene		200	U
75-69-4	Trichlorofluoromethane		200	U
108-05-4	Vinyl acetate		200	U
75-01-4	Vinyl chloride		200	U
1330-20-7	Xylenes, Total		1800	

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1, FIELD DUP

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-02A

Sample wt/vol: 5 (g/mL) ML Lab File ID: G6738.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Analyzed: 08/10/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 20.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		200	U
71-55-6	1,1,1-Trichloroethane		200	U
79-34-5	1,1,2,2-Tetrachloroethane		200	U
79-00-5	1,1,2-Trichloroethane		200	U
75-34-3	1,1-Dichloroethane		200	U
75-35-4	1,1-Dichloroethene		200	U
563-58-6	1,1-Dichloropropene		200	U
87-61-6	1,2,3-Trichlorobenzene		200	U
96-18-4	1,2,3-Trichloropropane		200	U
120-82-1	1,2,4-Trichlorobenzene		200	U
95-63-6	1,2,4-Trimethylbenzene		190	J
96-12-8	1,2-Dibromo-3-chloropropane		200	U
106-93-4	1,2-Dibromoethane		200	U
95-50-1	1,2-Dichlorobenzene		200	U
107-06-2	1,2-Dichloroethane		57	J
78-87-5	1,2-Dichloropropane		200	U
108-67-8	1,3,5-Trimethylbenzene		49	J
541-73-1	1,3-Dichlorobenzene		200	U
142-28-9	1,3-Dichloropropane		200	U
106-46-7	1,4-Dichlorobenzene		200	U
590-20-7	2,2-Dichloropropane		200	U
78-93-3	2-Butanone		54	J
110-75-8	2-Chloroethyl vinyl ether		200	U
95-49-8	2-Chlorotoluene		200	U
591-78-6	2-Hexanone		200	U
106-43-4	4-Chlorotoluene		200	U
99-87-6	4-Isopropyltoluene		200	U
108-10-1	4-Methyl-2-pentanone		200	U
67-64-1	Acetone		71	J
107-13-1	Acrylonitrile		2000	U
71-43-2	Benzene		2300	
108-86-1	Bromobenzene		200	U
74-97-5	Bromochloromethane		200	U
75-27-4	Bromodichloromethane		200	U
75-25-2	Bromoform		200	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1, FIELD DUP

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029
 Matrix: (soil/water) WATER Lab Sample ID: 0008029-02A
 Sample wt/vol: 5 (g/mL) ML Lab File ID: G6738.D
 Level: (low/med) LOW Date Received: 08/02/00
 % Moisture: not dec. Date Analyzed: 08/10/00
 GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 20.00
 Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
74-83-9	Bromomethane		200	U
75-15-0	Carbon disulfide		200	U
56-23-5	Carbon tetrachloride		200	U
108-90-7	Chlorobenzene		200	U
75-00-3	Chloroethane		200	U
67-66-3	Chloroform		200	U
74-87-3	Chloromethane		200	U
156-59-2	cis-1,2-Dichloroethene		200	U
10061-01-5	cis-1,3-Dichloropropene		200	U
124-48-1	Dibromochloromethane		200	U
74-95-3	Dibromomethane		200	U
75-71-8	Dichlorodifluoromethane		200	U
100-41-4	Ethylbenzene		380	
87-68-3	Hexachlorobutadiene		200	U
74-88-4	Iodomethane		200	U
98-82-8	Isopropylbenzene		200	U
1634-04-4	Methyl tert-butyl-ether		200	U
75-09-2	Methylene chloride		200	U
104-51-8	n-Butylbenzene		200	U
103-65-1	n-Propylbenzene		200	U
91-20-3	Naphthalene		43	J
135-98-8	sec-Butylbenzene		200	U
100-42-5	Styrene		200	U
98-06-6	tert-Butylbenzene		200	U
127-18-4	Tetrachloroethene		200	U
109-99-9	Tetrahydrofuran		200	U
108-88-3	Toluene		1400	
156-60-5	trans-1,2-Dichloroethene		200	U
10061-02-6	trans-1,3-Dichloropropene		200	U
79-01-6	Trichloroethene		200	U
75-69-4	Trichlorofluoromethane		200	U
108-05-4	Vinyl acetate		200	U
75-01-4	Vinyl chloride		200	U
1330-20-7	Xylenes, Total		1700	

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER

Sample wt/vol: 5 (g/mL) ML Lab Sample ID: 0008029-03A

Level: (low/med) LOW Lab File ID: G6733.D

‡ Moisture: not dec. Date Received: 08/02/00

GC Column: RTX-624 ID: 25 (mm) Date Analyzed: 08/10/00

Soil Extract Volume: _____ (μL) Dilution Factor: 1.00

Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		8	J
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		27	
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		5	J
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		3	J
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		8	J
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		5	J
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029
 Matrix: (soil/water) WATER Lab Sample ID: 0008029-03A
 Sample wt/vol: 5 (g/mL) ML Lab File ID: G6733.D
 Level: (low/med) LOW Date Received: 08/02/00
 % Moisture: not dec. Date Analyzed: 08/10/00
 GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00
 Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		3	J
100-41-4	Ethylbenzene		4	J
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		260	E
75-09-2	Methylene chloride		10	U
104-51-8	n-Butylbenzene		4	J
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		3	J
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		5	J
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		44	

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2DL

Lab Name: Toxikon

Contract: _____

Lab Code: 10778Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029Matrix: (soil/water) WATERLab Sample ID: 0008029-03ASample wt/vol: 5 (g/mL) MLLab File ID: G6739.DLevel: (low/med) LOWDate Received: 08/02/00

% Moisture: not dec.

Date Analyzed: 08/10/00GC Column: RTX-624ID: 25 (mm)Dilution Factor: 2.00Soil Extract Volume: _____ (μ L)Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		20	U
71-55-6	1,1,1-Trichloroethane		20	U
79-34-5	1,1,2,2-Tetrachloroethane		20	U
79-00-5	1,1,2-Trichloroethane		20	U
75-34-3	1,1-Dichloroethane		20	U
75-35-4	1,1-Dichloroethene		20	U
563-58-6	1,1-Dichloropropene		20	U
87-61-6	1,2,3-Trichlorobenzene		20	U
96-18-4	1,2,3-Trichloropropane		20	U
120-82-1	1,2,4-Trichlorobenzene		20	U
95-63-6	1,2,4-Trimethylbenzene		6	DJ
96-12-8	1,2-Dibromo-3-chloropropane		20	U
106-93-4	1,2-Dibromoethane		20	U
95-50-1	1,2-Dichlorobenzene		20	U
107-06-2	1,2-Dichloroethane		20	U
78-87-5	1,2-Dichloropropane		20	U
108-67-8	1,3,5-Trimethylbenzene		24	D
541-73-1	1,3-Dichlorobenzene		20	U
142-28-9	1,3-Dichloropropane		20	U
106-46-7	1,4-Dichlorobenzene		20	U
590-20-7	2,2-Dichloropropane		20	U
78-93-3	2-Butanone		5	DJ
110-75-8	2-Chloroethyl vinyl ether		20	U
95-49-8	2-Chlorotoluene		20	U
591-78-6	2-Hexanone		20	U
106-43-4	4-Chlorotoluene		20	U
99-87-6	4-Isopropyltoluene		20	U
108-10-1	4-Methyl-2-pentanone		20	U
67-64-1	Acetone		8	DJ
107-13-1	Acrylonitrile		26	DJ
71-43-2	Benzene		4	DJ
108-86-1	Bromobenzene		20	U
74-97-5	Bromochloromethane		20	U
75-27-4	Bromodichloromethane		20	U
75-25-2	Bromoform		20	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2DL

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-03A

Sample wt/vol: 5 (g/mL) ML Lab File ID: G6739.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Analyzed: 08/10/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
74-83-9	Bromomethane		20	U
75-15-0	Carbon disulfide		20	U
56-23-5	Carbon tetrachloride		20	U
108-90-7	Chlorobenzene		20	U
75-00-3	Chloroethane		20	U
67-66-3	Chloroform		20	U
74-87-3	Chloromethane		20	U
156-59-2	cis-1,2-Dichloroethene		20	U
10061-01-5	cis-1,3-Dichloropropene		20	U
124-48-1	Dibromochloromethane		20	U
74-95-3	Dibromomethane		20	U
75-71-8	Dichlorodifluoromethane		20	U
100-41-4	Ethylbenzene		20	U
87-68-3	Hexachlorobutadiene		20	U
74-88-4	Iodomethane		20	U
98-82-8	Isopropylbenzene		20	U
1634-04-4	Methyl tert-butyl-ether		260	D
75-09-2	Methylene chloride		20	U
104-51-8	n-Butylbenzene		20	U
103-65-1	n-Propylbenzene		20	U
91-20-3	Naphthalene		20	U
135-98-8	sec-Butylbenzene		20	U
100-42-5	Styrene		20	U
98-06-6	tert-Butylbenzene		20	U
127-18-4	Tetrachloroethene		20	U
109-99-9	Tetrahydrofuran		11	DJ
108-88-3	Toluene		4	DJ
156-60-5	trans-1,2-Dichloroethene		20	U
10061-02-6	trans-1,3-Dichloropropene		20	U
79-01-6	Trichloroethene		20	U
75-69-4	Trichlorofluoromethane		20	U
108-05-4	Vinyl acetate		20	U
75-01-4	Vinyl chloride		20	U
1330-20-7	Xylenes, Total		38	D

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3

Lab Name: Toxikon

Contract: _____

Lab Code: 10778Case No.: BERGMANN SAS No.: _____SDG No.: 0008029

Matrix: (soil/water)

WATERLab Sample ID: 0008029-04A

Sample wt/vol:

5 (g/mL) MLLab File ID: G6734.D

Level: (low/med)

LOWDate Received: 08/02/00

% Moisture: not dec.

Date Analyzed: 08/10/00GC Column: RTX-624ID: 25 (mm)Dilution Factor: 50.00

Soil Extract Volume:

(μL)

Soil Aliquot Volume

(μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		500	U
71-55-6	1,1,1-Trichloroethane		500	U
79-34-5	1,1,2,2-Tetrachloroethane		500	U
79-00-5	1,1,2-Trichloroethane		500	U
75-34-3	1,1-Dichloroethane		500	U
75-35-4	1,1-Dichloroethene		500	U
563-58-6	1,1-Dichloropropene		500	U
87-61-6	1,2,3-Trichlorobenzene		500	U
96-18-4	1,2,3-Trichloropropane		500	U
120-82-1	1,2,4-Trichlorobenzene		500	U
95-63-6	1,2,4-Trimethylbenzene		1500	
96-12-8	1,2-Dibromo-3-chloropropane		500	U
106-93-4	1,2-Dibromoethane		500	U
95-50-1	1,2-Dichlorobenzene		500	U
107-06-2	1,2-Dichloroethane		500	U
78-87-5	1,2-Dichloropropane		500	U
108-67-8	1,3,5-Trimethylbenzene		380	J
541-73-1	1,3-Dichlorobenzene		500	U
142-28-9	1,3-Dichloropropane		500	U
106-46-7	1,4-Dichlorobenzene		500	U
590-20-7	2,2-Dichloropropane		500	U
78-93-3	2-Butanone		110	J
110-75-8	2-Chloroethyl vinyl ether		500	U
95-49-8	2-Chlorotoluene		500	U
591-78-6	2-Hexanone		500	U
106-43-4	4-Chlorotoluene		500	U
99-87-6	4-Isopropyltoluene		500	U
108-10-1	4-Methyl-2-pentanone		500	U
67-64-1	Acetone		500	U
107-13-1	Acrylonitrile		5000	U
71-43-2	Benzene		760	
108-86-1	Bromobenzene		500	U
74-97-5	Bromochloromethane		500	U
75-27-4	Bromodichloromethane		500	U
75-25-2	Bromoform		500	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-04A

Sample wt/vol: 5 (g/mL) ML Lab File ID: G6734.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Analyzed: 08/10/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 50.00

Soil Extract Volume: _____ (μL) Soil Aliquot Volume _____ (μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
74-83-9	Bromomethane		500	U
75-15-0	Carbon disulfide		500	U
56-23-5	Carbon tetrachloride		500	U
108-90-7	Chlorobenzene		500	U
75-00-3	Chloroethane		500	U
67-66-3	Chloroform		500	U
74-87-3	Chloromethane		500	U
156-59-2	cis-1,2-Dichloroethene		500	U
10061-01-5	cis-1,3-Dichloropropene		500	U
124-48-1	Dibromochloromethane		500	U
74-95-3	Dibromomethane		500	U
75-71-8	Dichlorodifluoromethane		500	U
100-41-4	Ethylbenzene		1100	
87-68-3	Hexachlorobutadiene		500	U
74-88-4	Iodomethane		500	U
98-82-8	Isopropylbenzene		500	U
1634-04-4	Methyl tert-butyl-ether		500	U
75-09-2	Methylene chloride		500	U
104-51-8	n-Butylbenzene		500	U
103-65-1	n-Propylbenzene		160	J
91-20-3	Naphthalene		330	J
135-98-8	sec-Butylbenzene		500	U
100-42-5	Styrene		500	U
98-06-6	tert-Butylbenzene		270	J
127-18-4	Tetrachloroethene		500	U
109-99-9	Tetrahydrofuran		500	U
108-88-3	Toluene		960	
156-60-5	trans-1,2-Dichloroethene		500	U
10061-02-6	trans-1,3-Dichloropropene		500	U
79-01-6	Trichloroethene		500	U
75-69-4	Trichlorofluoromethane		500	U
108-05-4	Vinyl acetate		500	U
75-01-4	Vinyl chloride		500	U
1330-20-7	Xylenes, Total		4800	

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-4

Lab Name: Toxikon

Contract: _____

Lab Code: 10778Case No.: BERGMANN SAS No.: _____SDG No.: 0008029Matrix: (soil/water) WATERLab Sample ID: 0008029-06ASample wt/vol: 5 (g/mL) MLLab File ID: G6735.DLevel: (low/med) LOWDate Received: 08/02/00

% Moisture: not dec.

Date Analyzed: 08/10/00GC Column: RTX-624 ID: 25 (mm)Dilution Factor: 50.00Soil Extract Volume: _____ (μ L)Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		500	U
71-55-6	1,1,1-Trichloroethane		500	U
79-34-5	1,1,2,2-Tetrachloroethane		500	U
79-00-5	1,1,2-Trichloroethane		500	U
75-34-3	1,1-Dichloroethane		500	U
75-35-4	1,1-Dichloroethene		500	U
563-58-6	1,1-Dichloropropene		500	U
87-61-6	1,2,3-Trichlorobenzene		500	U
96-18-4	1,2,3-Trichloropropane		500	U
120-82-1	1,2,4-Trichlorobenzene		500	U
95-63-6	1,2,4-Trimethylbenzene		1200	
96-12-8	1,2-Dibromo-3-chloropropane		500	U
106-93-4	1,2-Dibromoethane		500	U
95-50-1	1,2-Dichlorobenzene		500	U
107-06-2	1,2-Dichloroethane		500	U
78-87-5	1,2-Dichloropropane		500	U
108-67-8	1,3,5-Trimethylbenzene		330	J
541-73-1	1,3-Dichlorobenzene		500	U
142-28-9	1,3-Dichloropropane		500	U
106-46-7	1,4-Dichlorobenzene		500	U
590-20-7	2,2-Dichloropropane		500	U
78-93-3	2-Butanone		110	J
110-75-8	2-Chloroethyl vinyl ether		500	U
95-49-8	2-Chlorotoluene		500	U
591-78-6	2-Hexanone		500	U
106-43-4	4-Chlorotoluene		500	U
99-87-6	4-Isopropyltoluene		500	U
108-10-1	4-Methyl-2-pentanone		500	U
67-64-1	Acetone		180	J
107-13-1	Acrylonitrile		5000	U
71-43-2	Benzene		810	
108-86-1	Bromobenzene		500	U
74-97-5	Bromochloromethane		500	U
75-27-4	Bromodichloromethane		500	U
75-25-2	Bromoform		500	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-4

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029
 Matrix: (soil/water) WATER Lab Sample ID: 0008029-06A
 Sample wt/vol: 5 (g/mL) ML Lab File ID: G6735.D
 Level: (low/med) LOW Date Received: 08/02/00
 % Moisture: not dec. Date Analyzed: 08/10/00
 GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 50.00
 Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND.	(μ g/L or μ g/Kg)	UG/L	Q
74-83-9	Bromomethane		500	U
75-15-0	Carbon disulfide		500	U
56-23-5	Carbon tetrachloride		500	U
108-90-7	Chlorobenzene		500	U
75-00-3	Chloroethane		500	U
67-66-3	Chloroform		500	U
74-87-3	Chloromethane		500	U
156-59-2	cis-1,2-Dichloroethene		500	U
10061-01-5	cis-1,3-Dichloropropene		500	U
124-48-1	Dibromochloromethane		500	U
74-95-3	Dibromomethane		500	U
75-71-8	Dichlorodifluoromethane		500	U
100-41-4	Ethylbenzene		690	
87-68-3	Hexachlorobutadiene		500	U
74-88-4	Iodomethane		500	U
98-82-8	Isopropylbenzene		500	U
1634-04-4	Methyl tert-butyl-ether		990	
75-09-2	Methylene chloride		500	U
104-51-8	n-Butylbenzene		500	U
103-65-1	n-Propylbenzene		500	U
91-20-3	Naphthalene		220	J
135-98-8	sec-Butylbenzene		500	U
100-42-5	Styrene		500	U
98-06-6	tert-Butylbenzene		210	J
127-18-4	Tetrachloroethene		500	U
109-99-9	Tetrahydrofuran		500	U
108-88-3	Toluene		2000	
156-60-5	trans-1,2-Dichloroethene		500	U
10061-02-6	trans-1,3-Dichloropropene		500	U
79-01-6	Trichloroethene		500	U
75-69-4	Trichlorofluoromethane		500	U
108-05-4	Vinyl acetate		500	U
75-01-4	Vinyl chloride		500	U
1330-20-7	Xylenes, Total		6000	

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIP BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-07A

Sample wt/vol: 5 (g/mL) ML Lab File ID: G6736.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Analyzed: 08/10/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		4	J
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		10	U
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRIP BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-07A

Sample wt/vol: 5 (g/mL) ML Lab File ID: G6736.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Analyzed: 08/10/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		10	U
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		0	U

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Toxikon

Contract: _____

Lab Code: 10778

Case No.: BERGMANN

SAS No.: _____

SDG No.: 0008029

	EPA SAMPLE NO.	SMC1 (BFB) #	SMC2 (DFB) #	SMC3 (TOL) #	Other	TOT OUT
01	METHOD BLANK	95.8	95.48	98.66		0
02	MW-2	103.5	94.34	96.9		0
03	MW-3	100.4	94.46	97.12		0
04	MW-4	100.04	94.34	95.78		0
05	TRIP BLANK	99.78	98.72	96.86		0
06	MW-1	99.6	93.9	96.36		0
07	MW-1, FIELD DUP	100.04	95.42	97.06		0
08	MW-2DL	100.64	99.08	97.76		0
09	MW-3MS	101.62	98.9	97.62		0
10	MW-3MSD	100.76	98.24	97.8		0

QC Limits

SMC1 (BFB) = 4-Bromofluorobenzene (74-121)
 SMC2 (DFB) = Dibromofluoromethane (80-120)
 SMC3 (TOL) = Toluene-d8 (81-117)

Column to be used to flag recovery values

* Values outside of contract required QC limits

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Toxikon Contract: _____Lab Code: 10778 Case No.: BERGM SAS No.: _____ SDG No.: 0008029Matrix Spike - EPA Sample No.: MW-3

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	49.04	0	59-172
Benzene	50	15.26	65.54	0	66-142
Chlorobenzene	50	0	50.99	0	60-133
Toluene	50	19.2	69.03	0	59-139
Trichloroethene	50	0	51.62	0	62-137

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50	47	93	5	22	59-172
Benzene	50	62	93	6	21	66-142
Chlorobenzene	50	48	96	6	21	60-133
Toluene	50	66	93	5	21	59-139
Trichloroethene	50	48	96	7	24	62-137

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

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

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No. _____ SDG No.: 0008029

Lab File ID: G6728.D Lab Sample ID: METHOD BLANK

Date Analyzed: 08/10/00 Time Analyzed: 13:56

GC Column: RTX-62 ID: 25 (mm) Heated Purge: (Y/N) N

Instrument ID: G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-2	0008029-03A	G6733.D	16:40
02	MW-3	0008029-04A	G6734.D	17:13
03	MW-4	0008029-06A	G6735.D	17:46
04	TRIP BLANK	0008029-07A	G6736.D	18:19
05	MW-1	0008029-01A	G6737.D	18:52
06	MW-1, FIELD DUP	0008029-02A	G6738.D	19:24
07	MW-2DL	0008029-03A	G6739.D	19:56
08	MW-3MS	0008029-04A	G6740.D	20:28
09	MW-3MSD	0008029-04A	G6741.D	21:00

COMMENTS:

page 1 of 1

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: METHOD BLANK

Sample wt/vol: 5 (g/mL) ML Lab File ID: G6728.D

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

% Moisture: not dec. Date Analyzed: 08/10/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		10	U
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		10	U
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

METHOD BLANK

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: METHOD BLANK

Sample wt/vol: 5 (g/mL) ML Lab File ID: G6728.D

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

% Moisture: not dec. Date Analyzed: 08/10/00

GC Column: RTX-624 ID: 25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (μ L) Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		10	U
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		10	U
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		10	U
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		10	U
91-20-3	Naphthalene		10	U
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		10	U
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		10	U
108-88-3	Toluene		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		10	U
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		0	U

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Toxikon Contract: _____
 Lab Code: 10778 Case No.: BERGMANN SAS No. _____ SDG No.: 0008029
 Lab File ID (Standard): G6727.D Date Analyzed: 08/10/00
 EPA Sample No. (VSTD050##): VSTD05001 Time Analyzed: 13:07
 Instrument ID: G Heated Purge: (Y/N) N
 GC Column: RTX-62 ID: 25 (mm)

	IS1 (PFB)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	767124	7.78	1277614	8.9	1000561	13.68
UPPER LIMIT	1534248	8.28	2555228	9.4	2001122	14.18
LOWER LIMIT	383562	7.28	638807	8.4	500281	13.18
EPA SAMPLE						
01 METHOD BLANK	667202	7.77	1104429	8.89	881876	13.68
02 MW-2	684794	7.78	1133497	8.90	882177	13.68
03 MW-3	736139	7.78	1207488	8.90	959742	13.68
04 MW-4	734967	7.78	1236753	8.90	970233	13.68
05 TRIP BLANK	688563	7.78	1167762	8.90	923874	13.68
06 MW-1	695425	7.77	1167598	8.89	912648	13.67
07 MW-1, FIELD DUP	725296	7.77	1216509	8.90	960044	13.68
08 MW-2DL	656917	7.77	1107301	8.89	882273	13.68
09 MW-3MS	722371	7.78	1219864	8.90	973005	13.67
10 MW-3MSD	768910	7.78	1288150	8.90	1030494	13.67

IS1 (PFB) = Pentafluorobenzene
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

BNA SUMMARY DATA
PACKAGE

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-01A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6584.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
621-64-7	N-Nitrosodi-n-propylamine	10		U
108-95-2	Phenol	10		
111-44-4	Bis(2-chloroethyl) ether	10		U
95-57-8	2-Chlorophenol	10		U
541-73-1	1,3-Dichlorobenzene	10		U
106-46-7	1,4-Dichlorobenzene	10		U
95-50-1	1,2-Dichlorobenzene	10		U
95-48-7	2-Methylphenol	3		J
108-60-1	2,2-oxybis(1-Chloropropane)	10		U
106-44-5	4-Methylphenol	1		J
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	2		J
111-91-1	Bis(2-chloroethoxy)methane	10		U
120-83-2	2,4-Dichlorophenol	10		U
120-82-1	1,2,4-Trichlorobenzene	10		U
91-20-3	Naphthalene	30		
106-47-8	4-Chloroaniline	10		U
87-68-3	Hexachlorobutadiene	10		U
59-50-7	4-Chloro-3-methylphenol	10		U
91-57-6	2-Methylnaphthalene	3		J
77-47-4	Hexachlorocyclopentadiene	10		U
88-06-2	2,4,6-Trichlorophenol	10		U
95-95-4	2,4,5-Trichlorophenol	25		U
91-58-7	2-Chloronaphthalene	10		U
88-74-4	2-Nitroaniline	25		U
131-11-3	Dimethylphthalate	10		U
208-96-8	Acenaphthylene	10		U
606-20-2	2,6-Dinitrotoluene	10		U
99-09-2	3-Nitroaniline	25		U
83-32-9	Acenaphthene	10		U
51-28-5	2,4-Dinitrophenol	25		U
100-02-7	4-Nitrophenol	25		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-01A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6584.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
7005-72-3	4-Chlorophenyl phenylether		10	U
86-73-7	Fluorene		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benzo(a)anthracene		10	U
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	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U
62-53-3	Aniline		10	U
65-85-0	Benzoic Acid		1	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1, FIELD DUP

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-02A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6585.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
621-64-7	N-Nitrosodi-n-propylamine		10	U
108-95-2	Phenol		9	J
111-44-4	Bis(2-chloroethyl) ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
95-48-7	2-Methylphenol		2	J
108-60-1	2,2-oxybis(1-Chloropropane)		10	U
106-44-5	4-Methylphenol		1	J
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		3	J
111-91-1	Bis(2-chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		39	
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		4	J
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
208-96-8	Acenaphthylene		10	U
606-20-2	2,6-Dinitrotoluene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene		10	U
51-28-5	2,4-Dinitrophenol		25	U
100-02-7	4-Nitrophenol		25	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-1, FIELD DUP

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-02A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6585.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
7005-72-3	4-Chlorophenyl phenylether		10	U
86-73-7	Fluorene		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benz(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	Bis(2-ethylhexyl)phthalate		1	J
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	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U
62-53-3	Aniline		10	U
65-85-0	Benzoic Acid		50	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-03A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6586.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
621-64-7	N-Nitrosodi-n-propylamine		10	U
108-95-2	Phenol		10	U
111-44-4	Bis(2-chloroethyl)ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
95-48-7	2-Methylphenol		10	U
108-60-1	2,2-oxybis(1-Chloropropane)		10	U
106-44-5	4-Methylphenol		2	J
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		5	J
111-91-1	Bis(2-chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
208-96-8	Acenaphthylene		10	U
606-20-2	2,6-Dinitrotoluene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene		10	U
51-28-5	2,4-Dinitrophenol		25	U
100-02-7	4-Nitrophenol		25	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-2

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-03A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6586.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
7005-72-3	4-Chlorophenyl phenylether		10	U
86-73-7	Fluorene		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benz(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	Bis(2-ethylhexyl)phthalate		1	J
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	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U
62-53-3	Aniline		10	U
65-85-0	Benzoic Acid		50	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-04A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6587.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μL) Date Analyzed: 08/31/00

Injection Volume: 1 (μL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
621-64-7	N-Nitrosodi-n-propylamine		10	U
108-95-2	Phenol		4	J
111-44-4	Bis(2-chloroethyl)ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
95-48-7	2-Methylphenol		1	J
108-60-1	2,2-oxybis(1-Chloropropane)		10	U
106-44-5	4-Methylphenol		1	J
67-72-1	Hexachloroethane		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		2	J
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		12	
111-91-1	Bis(2-chloroethoxy)methane		2	J
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		160	
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		120	
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
208-96-8	Acenaphthylene		10	U
606-20-2	2,6-Dinitrotoluene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene		10	U
51-28-5	2,4-Dinitrophenol		25	U
100-02-7	4-Nitrophenol		25	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-04A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6587.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μL) Date Analyzed: 08/31/00

Injection Volume: 1 (μL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
7005-72-3	4-Chlorophenyl phenylether		10	U
86-73-7	Fluorene		1	J
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		2	J
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benz(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	Bis(2-ethylhexyl)phthalate		2	J
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	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U
62-53-3	Aniline		10	U
65-85-0	Benzoic Acid		50	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-4

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-06A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6589.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
621-64-7	N-Nitrosodi-n-propylamine		10	U
108-95-2	Phenol		14	
111-44-4	Bis(2-chloroethyl) ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
95-48-7	2-Methylphenol		12	
108-60-1	2,2-oxybis(1-Chloropropane)		10	U
106-44-5	4-Methylphenol		14	
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		49	
111-91-1	Bis(2-chloroethoxy)methane		3	J
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		26	
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		16	
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
208-96-8	Acenaphthylene		10	U
606-20-2	2,6-Dinitrotoluene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene		10	U
51-28-5	2,4-Dinitrophenol		25	U
100-02-7	4-Nitrophenol		25	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-4

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-06A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6589.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
84-66-2	Diethylphthalate		10	U
7005-72-3	4-Chlorophenyl phenylether		10	U
86-73-7	Fluorene		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benz(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	Bis(2-ethylhexyl)phthalate		3	J
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	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U
62-53-3	Aniline		10	U
65-85-0	Benzoic Acid		18	J

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3MSD

Lab Name: Toxikon

Contract: _____

Lab Code: 10778Case No.: BERGMANN SAS No.: _____SDG No.: 0008029

Matrix: (soil/water)

WATERLab Sample ID: 0008029-04A

Sample wt/vol:

5 (g/mL) MLLab File ID: G6741.D

Level: (low/med)

LOWDate Received: 08/02/00

% Moisture: not dec.

Date Analyzed: 08/10/00GC Column: RTX-624ID: 25 (mm)Dilution Factor: 1.00

Soil Extract Volume:

(μL)

Soil Aliquot Volume

(μL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μg/L or μg/Kg)	UG/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		46	
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		29	
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		7	J
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		4	J
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		5	J
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		62	
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U
75-27-4	Bromodichloromethane		10	U
75-25-2	Bromoform		10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3MSD

Lab Name: Toxikon

Contract: _____

Lab Code: 10778Case No.: BERGMANN SAS No.: _____SDG No.: 0008029Matrix: (soil/water) WATERLab Sample ID: 0008029-04ASample wt/vol: 5 (g/mL) MLLab File ID: G6741.DLevel: (low/med) LOWDate Received: 08/02/00

% Moisture: not dec.

Date Analyzed: 08/10/00GC Column: RTX-624 ID: 25 (mm)Dilution Factor: 1.00Soil Extract Volume: _____ (μ L)Soil Aliquot Volume _____ (μ L)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
74-83-9	Bromomethane		10	U
75-15-0	Carbon disulfide		10	U
56-23-5	Carbon tetrachloride		10	U
108-90-7	Chlorobenzene		48	
75-00-3	Chloroethane		10	U
67-66-3	Chloroform		10	U
74-87-3	Chloromethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
124-48-1	Dibromochloromethane		10	U
74-95-3	Dibromomethane		10	U
75-71-8	Dichlorodifluoromethane		10	U
100-41-4	Ethylbenzene		21	
87-68-3	Hexachlorobutadiene		10	U
74-88-4	Iodomethane		10	U
98-82-8	Isopropylbenzene		10	U
1634-04-4	Methyl tert-butyl-ether		10	U
75-09-2	Methylene chloride		3	J
104-51-8	n-Butylbenzene		10	U
103-65-1	n-Propylbenzene		3	J
91-20-3	Naphthalene		7	J
135-98-8	sec-Butylbenzene		10	U
100-42-5	Styrene		10	U
98-06-6	tert-Butylbenzene		5	J
127-18-4	Tetrachloroethene		10	U
109-99-9	Tetrahydrofuran		3	J
108-88-3	Toluene		66	
156-60-5	trans-1,2-Dichloroethene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-01-6	Trichloroethene		48	
75-69-4	Trichlorofluoromethane		10	U
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		89	

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\081000\G6741.D Vial: 2
 Acq On : 10 Aug 00 9:00 pm Operator: XL
 Sample : 0008029-05A BRGMANN Inst : G
 Misc : MSD 8260_W Multiplr: 1.00
 Quant Time: Aug 11 17:05 19100 Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\081000\8260BW.M
 Title : SW-846 Method 8260B
 Last Update : Thu Aug 10 13:08:34 2000
 Response via : Initial Calibration
 DataAcq Meth : 8260BW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	7.78	168	768910m	50.00	ug/Kg	0.00
29) 1,4-difluorobenzene	8.90	114	1288150	50.00	ug/Kg	0.00
45) chlorobenzene-d5	13.67	117	1030494	50.00	ug/Kg	0.00
59) 1,4-dichlorobenzene-d4	17.81	152	491651	50.00	ug/Kg	0.00

System Monitoring Compounds

26) Dibromofluoromethane	7.64	113	503636	49.12	ug/Kg	0.00
Surrogate Spike 50.000	Range 86 - 118		Recovery	=	98.24%	
41) toluene-d8	11.21	98	1400975	48.90	ug/Kg	0.00
Surrogate Spike 50.000	Range 88 - 110		Recovery	=	97.80%	
58) 4-Bromofluorobenzene	15.76	95	548158	50.38	ug/Kg	0.00
Surrogate Spike 50.000	Range 86 - 115		Recovery	=	100.76%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Acrolein	3.72	56	7738	11.45	ug/Kg#	80
10) Acetone	4.00	43	12116	4.72	ug/Kg	85
11) 1,1-dichloroethene	3.76	96	363990	46.53	ug/Kg	88
13) methylene chloride	4.67	84	24588	2.68	ug/Kg#	70
16) Hexane	5.42	57	27349	6.47	ug/Kg	79
21) 2-Butanone	6.93	43	22567	4.55	ug/Kg	95
27) Tetrahydrofuran	7.28	42	8704	3.04	ug/Kg#	28
32) benzene	8.15	78	2514828m	61.74	ug/Kg	100
34) trichloroethene	9.24	95	464026	47.91	ug/Kg	95
42) toluene	11.32	92	1488349	65.58	ug/Kg	99
51) chlorobenzene	13.72	112	1105466	48.07	ug/Kg	91
53) ethylbenzene	13.88	91	813055	20.76	ug/Kg	99
54) m,p-xylene	14.10	106	1013216	71.70	ug/Kg	94
55) o-xylene	14.79	106	223346	16.98	ug/Kg	96
64) n-propylbenzene	16.15	91	134120	3.03	ug/Kg	97
67) 1,3,5-trimethylbenzene	16.49	105	192975	7.24	ug/Kg	100
68) tert-butylbenzene	17.16	91	79553	4.96	ug/Kg	90
69) 1,2,4-trimethylbenzene	17.16	105	793435	29.18	ug/Kg	98
79) naphthalene	21.86	128	130093	6.69	ug/Kg	100

(#) = qualifier out of range (m) = manual integration

G6741.D 8260BW.M Fri Aug 11 17:06:02 2000

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3 MS/MSDMS

Lab Name: Toxikon Contract: _____

Lab Code: 10778 Case No.: BERGMANN SAS No.: _____ SDG No.: 0008029

Matrix: (soil/water) WATER Lab Sample ID: 0008029-05A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C6582.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. Date Extracted: 08/08/00

Concentrated Extract Volume: 1000 (μ L) Date Analyzed: 08/31/00

Injection Volume: 1 (μ L) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
108-95-2	Phenol		32	
111-44-4	Bis(2-chloroethyl) ether		10	U
95-57-8	2-Chlorophenol		62	
541-73-1	1,3-Dichlorobenzene		28	
106-46-7	1,4-Dichlorobenzene		27	
95-50-1	1,2-Dichlorobenzene		10	U
95-48-7	2-Methylphenol		10	U
108-60-1	2,2-oxybis(1-Chloropropane)		10	U
106-44-5	4-Methylphenol		10	U
621-64-7	N-Nitroso-di-n-propylamine		37	
67-72-1	Hexachloroethane		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		2	J
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		14	
111-91-1	Bis(2-chloroethoxy)methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		30	
91-20-3	Naphthalene		180	E
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		73	
91-57-6	2-Methylnaphthalene		120	
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
131-11-3	Dimethylphthalate		10	U
208-96-8	Acenaphthylene		10	U
606-20-2	2,6-Dinitrotoluene		10	U
99-09-2	3-Nitroaniline		25	U
83-32-9	Acenaphthene		39	
51-28-5	2,4-Dinitrophenol		25	U
100-02-7	4-Nitrophenol		16	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-3 MS/MSDMS

Lab Name: Toxikon

Contract: _____

Lab Code: 10778Case No.: BERGMANN SAS No.: _____SDG No.: 0008029

Matrix: (soil/water)

WATERLab Sample ID: 0008029-05ASample wt/vol: 1000 (g/mL) MLLab File ID: C6582.DLevel: (low/med) LOWDate Received: 08/02/00

% Moisture: not dec.

Date Extracted: 08/08/00Concentrated Extract Volume: 1000 (μ L)Date Analyzed: 08/31/00Injection Volume: 1 (μ L)Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Extraction: (Type) SEPF

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(μ g/L or μ g/Kg)	UG/L	Q
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		40	
84-66-2	Diethylphthalate		10	U
7005-72-3	4-Chlorophenyl phenylether		10	U
86-73-7	Fluorene		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		82	
85-01-8	Phenanthrene		1	J
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-butylphthalate		10	U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		39	
85-68-7	Butylbenzylphthalate		10	U
91-94-1	3,3'-Dichlorobenzidine		10	U
56-55-3	Benz(a)anthracene		10	U
218-01-9	Chrysene		10	U
117-81-7	Bis(2-ethylhexyl)phthalate		2	J
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	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)perylene		10	U
62-53-3	Aniline		10	U
65-85-0	Benzoic Acid		50	U

000273

**INORGANIC ANALYSES
DATA PACKAGE**

000291

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: TOXIKON CORPORATION _____ Contract: _____
Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: MWFD_
SOW No.: ILM03.0

EPA Sample No.	Lab Sample ID
MWFD _____	0008029-02 _____
MW1 _____	0008029-01 _____
MW2 _____	0008029-03 _____
MW3 _____	0008029-04 _____
MW3MSMS _____	0008029-05 _____
MW4 _____	0008029-06 _____
MW3MSMS _____	0008029-05S _____
MW3MSMS _____	0008029-05D _____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Were ICP interelement corrections applied ? Yes/No YES
Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Susan Theriault Name: Susan E. Theriault
Date: September 26, 2000 Title: QA Officer

000292

**INORGANIC ANALYSES
DATA SHEETS**

000293

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: TOXIKON CORPORATION _____ Contract: _____

MWFD = MW 1
FD

Lab Code: 10778 _____ Case No.: _____ SAS No.: _____ SDG No.: MWFD _____

Matrix (soil/water): WATER _____ Lab Sample ID: 0008029-02

Level (low/med): LOW _____ Date Received: 08/02/00

% Solids: _____ 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L _____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1580	—	E	P
7440-36-0	Antimony	1.5	U	—	P
7440-38-2	Arsenic	9.1	B	—	P
7440-39-3	Barium	229	—	—	P
7440-41-7	Beryllium	0.40	U	—	P
7440-43-9	Cadmium	0.40	U	—	P
7440-70-2	Calcium	116000	—	E	P
7440-47-3	Chromium	6.7	B	—	P
7440-48-4	Cobalt	1.8	B	—	P
7440-50-8	Copper	21.6	B	—	P
7439-89-6	Iron	10700	—	—	P
7439-92-1	Lead	21.1	—	—	P
7439-95-4	Magnesium	53800	—	—	P
7439-96-5	Manganese	211	—	—	P
7439-97-6	Mercury	0.20	U	—	AV
7440-02-0	Nickel	9.0	B	—	P
7440-09-7	Potassium	4090	B	—	P
7782-49-2	Selenium	1.6	U	—	P
7440-22-4	Silver	0.40	U	—	P
7440-23-5	Sodium	31900	—	—	P
7440-28-0	Thallium	2.8	U	—	P
7440-62-2	Vanadium	0.60	U	—	P
7440-66-6	Zinc	89.6	—	—	P
7440-77-5	Cyanide	—	—	—	NR

Color Before: NONE _____ Clarity Before: CLOUDY _____ Texture: _____

Color After: NONE _____ Clarity After: CLEAR _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW1

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: MWFD_

Matrix (soil/water): WATER Lab Sample ID: 0008029-01

Level (low/med): LOW_ Date Received: 08/02/00

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1550	-	E	P
7440-36-0	Antimony	1.5	U		P
7440-38-2	Arsenic	9.7	B		P
7440-39-3	Barium	238			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	0.40	U		P
7440-70-2	Calcium	115000		E	P
7440-47-3	Chromium	10.2			P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	27.7			P
7439-89-6	Iron	11500			P
7439-92-1	Lead	21.1			P
7439-95-4	Magnesium	54600			P
7439-96-5	Manganese	207			P
7439-97-6	Mercury	0.20	U		AV
7440-02-0	Nickel	12.3	B		P
7440-09-7	Potassium	4950	B		P
7782-49-2	Selenium	1.6	U		P
7440-22-4	Silver	0.40	U		P
7440-23-5	Sodium	34300			P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	0.60	U		P
7440-66-6	Zinc	78.9			P
7440-77-5	Cyanide				NR

Color Before: NONE _____ Clarity Before: CLOUDY Texture: _____

Color After: NONE _____ Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW2

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: MWFD_

Matrix (soil/water): WATER Lab Sample ID: 0008029-03

Level (low/med): LOW_ Date Received: 08/02/00

% Solids: _0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	207	-	E	P
7440-36-0	Antimony	2.6	B		P
7440-38-2	Arsenic	1.3	U		P
7440-39-3	Barium	153	B		P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	0.40	U		P
7440-70-2	Calcium	125000	-	E	P
7440-47-3	Chromium	0.84	B		P
7440-48-4	Cobalt	0.90	B		P
7440-50-8	Copper	4.2	B		P
7439-89-6	Iron	674	-		P
7439-92-1	Lead	3.1	-		P
7439-95-4	Magnesium	31500	-		P
7439-96-5	Manganese	237	-		P
7439-97-6	Mercury	0.20	U		AV
7440-02-0	Nickel	6.6	B		P
7440-09-7	Potassium	5770	-		P
7782-49-2	Selenium	1.6	U		P
7440-22-4	Silver	0.63	B		P
7440-23-5	Sodium	57700	-		P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	0.60	U		P
7440-66-6	Zinc	115	-		P
7440-77-5	Cyanide		-		NR

Color Before: NONE _____ Clarity Before: CLOUDY Texture: _____

Color After: NONE _____ Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW3

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: MWFD_

Matrix (soil/water): WATER Lab Sample ID: 0008029-04

Level (low/med): LOW_ Date Received: 08/02/00

% Solids: ___0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1010	-	E	P
7440-36-0	Antimony	16.4	B		P
7440-38-2	Arsenic	5.8	B		P
7440-39-3	Barium	239			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	0.40	U		P
7440-70-2	Calcium	93400		E	P
7440-47-3	Chromium	3.4	B		P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	6.1	B		P
7439-89-6	Iron	4740			P
7439-92-1	Lead	13.9			P
7439-95-4	Magnesium	39200			P
7439-96-5	Manganese	86.7			P
7439-97-6	Mercury	0.20	U		AV
7440-02-0	Nickel	6.5	B		P
7440-09-7	Potassium	3510	B		P
7782-49-2	Selenium	1.6	U		P
7440-22-4	Silver	0.40	U		P
7440-23-5	Sodium	103000			P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	0.60	U		P
7440-66-6	Zinc	134			P
7440-77-5	Cyanide				NR

Color Before: NONE _____ Clarity Before: CLOUDY Texture: _____

Color After: NONE _____ Clarity After: CLEAR_ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW3MSMS

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: MWFD_

Matrix (soil/water): WATER Lab Sample ID: 0008029-05

Level (low/med): LOW_ Date Received: 08/02/00

% Solids: ___0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1730	-	E	P
7440-36-0	Antimony	29.0	B		P
7440-38-2	Arsenic	7.1	B		P
7440-39-3	Barium	256			P
7440-41-7	Beryllium	0.40	U		P
7440-43-9	Cadmium	0.40	U		P
7440-70-2	Calcium	98000		E	P
7440-47-3	Chromium	4.0	B		P
7440-48-4	Cobalt	1.4	B		P
7440-50-8	Copper	6.7	B		P
7439-89-6	Iron	6500			P
7439-92-1	Lead	18.3			P
7439-95-4	Magnesium	41600			P
7439-96-5	Manganese	108			P
7439-97-6	Mercury	0.20	U		AV
7440-02-0	Nickel	5.3	B		P
7440-09-7	Potassium	3880	B		P
7782-49-2	Selenium	3.4	B		P
7440-22-4	Silver	0.40	U		P
7440-23-5	Sodium	98400			P
7440-28-0	Thallium	2.8	U		P
7440-62-2	Vanadium	0.60	U		P
7440-66-6	Zinc	176			P
7440-77-5	Cyanide				NR

Color Before: NONE _____ Clarity Before: CLOUDY Texture: _____

Color After: NONE _____ Clarity After: CLEAR_ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MW4

Lab Name: TOXIKON CORPORATION _____ Contract: _____

Lab Code: 10778_ Case No.: _____ SAS No.: _____ SDG No.: MWFD_

Matrix (soil/water): WATER Lab Sample ID: 0008029-06

Level (low/med): LOW_ Date Received: 08/02/00

% Solids: ___0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	617	—	E	P
7440-36-0	Antimony	1.5	U	—	P
7440-38-2	Arsenic	7.3	B	—	P
7440-39-3	Barium	136	B	—	P
7440-41-7	Beryllium	0.40	U	—	P
7440-43-9	Cadmium	0.40	U	—	P
7440-70-2	Calcium	111000	—	E	P
7440-47-3	Chromium	2.7	B	—	P
7440-48-4	Cobalt	1.3	B	—	P
7440-50-8	Copper	8.2	B	—	P
7439-89-6	Iron	5360	—	—	P
7439-92-1	Lead	5.7	—	—	P
7439-95-4	Magnesium	29400	—	—	P
7439-96-5	Manganese	723	—	—	P
7439-97-6	Mercury	0.20	U	—	AV
7440-02-0	Nickel	5.8	B	—	P
7440-09-7	Potassium	24300	—	—	P
7782-49-2	Selenium	1.6	U	—	P
7440-22-4	Silver	0.40	U	—	P
7440-23-5	Sodium	35000	—	—	P
7440-28-0	Thallium	2.8	U	—	P
7440-62-2	Vanadium	0.60	U	—	P
7440-66-6	Zinc	61.2	—	—	P
7440-77-5	Cyanide	—	—	—	NR

Color Before: NONE _____ Clarity Before: CLOUDY Texture: _____

Color After: NONE _____ Clarity After: CLEAR_ Artifacts: _____

Comments:

TOXIKON CORPORATION
15 WIGGINS AVENUE
BEDFORD, MA 01730
TEL: (781) 275-3330

November
2000
Groundwater
Sampling
Event

December 14, 2000

MW 1
MW 2
MW 3
MW 4

Gary Flisnik
Bergmann Associates
200 First Federal Plaza
288 East Main Street
Rochester, NY 146141909
TEL: (716) 232-5135
FAX (716) 232-4652

RE: 1200 E. MAIN STREET

Order No.: 0012011

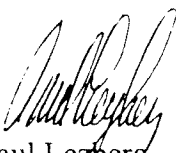
Dear Gary Flisnik,

Toxikon received 5 samples on 12/1/00 for the analyses presented in the following report.

Unless noted in the report, there were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,


Paul Lezberg

Certifications: MA: MA 064, NH: 204099A and 204099B, ME: MA064, RI: 55, VT: MA064, TN: MA0
NY: 10778, FL: E87143 and 87394, NC: 286, PA 68-461, CT: PH 0563, NJ: 59538, MD:

CLIENT: Bergmann Associates
Project: 1200 E. MAIN STREET
Lab Order: 0012011
Date Received: 12/1/00

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0012011-01A	MW-1	11/30/00 11:30:00 AM
0012011-02A	MW-2	11/30/00 3:00:00 PM
0012011-03A	MW-3	11/30/00 12:30:00 PM
0012011-04A	MW-4	11/30/00 2:00:00 PM
0012011-05A	TRIP BLANK	11/30/00 11:30:00 AM



15 Wiggins Ave., Bedford, MA 01730
 Telephone: (781) 275-3330
 Fax: (781) 275-7478

CHAIN OF CUSTODY RECORD

WORK ORDER #: 00 11-011
 DUE DATE: 12-14-00

COMPANY: BERGMAN ASSOCIATES
 ADDRESS: 200 FIRST FEDERAL PLAZA
28 E. MAIN ST. ROCH, NY 14614
 PHONE #: (716) 232-5135 FAX #: (716)
 P.O. #: _____
 PROJECT MANAGER: GARY FRISWIK / JIM HARSCHER
 PROJECT ID/LOCATION: 1200 E. MAIN STREET

- SAMPLE TYPE CONTAINER TYPE
- 1. WASTEWATER P - PLASTIC
 - 2. SOIL G - GLASS
 - 3. SLUDGE V - VOA
 - 4. OIL
 - 5. DRINKING WATER
 - 6. WATER (GW/MW/SW)
 - 7. OTHER (SPECIFY)

ASP ANALYSES

ASP ANALYSES									
8260 8270 302A METALS									

TOXIKON	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE	ANALYSES										SPECIAL INSTRUCTIONS/ COMMENTS						
			SIZE	TYPE	#	DATE	TIME		1	2	3	4	5	6	7	8	9	10		11	12				
①	MW-1	AQ			15	11/30/00	1130		X	X	X														+MS/MSD
②	MW-2	AQ			6	11/30/00	1500		X	X	X														
③	MW-4	AQ			6	11/30/00	1230		X	X	X														
④	MW-3	AQ			10	11/30/00	1400		X	X	X														+DUPLICATE
⑤	TRIP BLANK	AQ			1	11/30/00	1130		X																VIA LABELED FIELD BLANK
	8270/PH=6																								
	METALS/PH=4																								
									HEL	-	HND3														PRESERVATIVE
									4041	1LF	2504														CONTAINER

SAMPLED BY: <u>[Signature]</u>	DATE: <u>11-30-2000</u>	QUOTATION #:
RELINQUISHED BY: <u>[Signature]</u>	TIME: <u>15:30:00</u>	RECEIVED BY: <u>[Signature]</u>
RELINQUISHED BY: <u>FED-EX</u>	DATE: <u>11-30-2000</u>	RECEIVED FOR LAB BY: <u>[Signature]</u>
METHOD OF SHIPMENT: <u>FED-EX</u>	TIME: <u>09:00</u>	COOLER TEMPERATURE: <u>11/11</u>

RUSH BUSINESS DAY TURN AROUND
 ROUTINE
 Sample disposal information
 Are there any other known or suspected contaminants in these samples other than those listed above?

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
Lab Order: 0012011
Project: 1200 E. MAIN STREET
Lab ID: 0012011-01A

Client Sample ID: MW-1
Collection Date: 11/30/00 11:30:00 AM
Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	0.010		mg/L	1	12/5/00
Barium	0.23	0.050		mg/L	1	12/5/00
Cadmium	ND	0.0050		mg/L	1	12/5/00
Chromium	ND	0.010		mg/L	1	12/5/00
Lead	0.0060	0.0050		mg/L	1	12/5/00
Selenium	ND	0.0050		mg/L	1	12/5/00
Silver	ND	0.0050		mg/L	1	12/5/00
MERCURY, TOTAL		SW7470A				Analyst: AS
Mercury	ND	0.0010		mg/L	1	12/6/00 9:59:25 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-01A

Client Sample ID: MW-1
 Collection Date: 11/30/00 11:30:00 AM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	10		µg/L	1	12/6/00 11:51:00 AM
1,2-Dichlorobenzene	ND	10		µg/L	1	12/6/00 11:51:00 AM
1,3-Dichlorobenzene	ND	10		µg/L	1	12/6/00 11:51:00 AM
1,4-Dichlorobenzene	ND	10		µg/L	1	12/6/00 11:51:00 AM
2,4,5-Trichlorophenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
2,4,6-Trichlorophenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
2,4-Dichlorophenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
2,4-Dimethylphenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
2,4-Dinitrophenol	ND	25		µg/L	1	12/6/00 11:51:00 AM
2,4-Dinitrotoluene	ND	10		µg/L	1	12/6/00 11:51:00 AM
2,6-Dinitrotoluene	ND	10		µg/L	1	12/6/00 11:51:00 AM
2-Chloronaphthalene	ND	10		µg/L	1	12/6/00 11:51:00 AM
2-Chlorophenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
2-Methylnaphthalene	ND	10		µg/L	1	12/6/00 11:51:00 AM
2-Methylphenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
2-Nitroaniline	ND	25		µg/L	1	12/6/00 11:51:00 AM
2-Nitrophenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
3,3'-Dichlorobenzidine	ND	25		µg/L	1	12/6/00 11:51:00 AM
3-Nitroaniline	ND	10		µg/L	1	12/6/00 11:51:00 AM
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	12/6/00 11:51:00 AM
4-Chloro-3-methylphenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
4-Chloroaniline	ND	10		µg/L	1	12/6/00 11:51:00 AM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	12/6/00 11:51:00 AM
4-Methylphenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
4-Nitroaniline	ND	25		µg/L	1	12/6/00 11:51:00 AM
4-Nitrophenol	ND	25		µg/L	1	12/6/00 11:51:00 AM
Acenaphthene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Acenaphthylene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Aniline	ND	10		µg/L	1	12/6/00 11:51:00 AM
Anthracene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benz(a)anthracene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benzdine	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benzo(a)pyrene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benzo(b)fluoranthene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benzo(g,h,i)perylene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benzo(k)fluoranthene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benzoic acid	ND	10		µg/L	1	12/6/00 11:51:00 AM
Benzyl alcohol	ND	10		µg/L	1	12/6/00 11:51:00 AM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	12/6/00 11:51:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-01A

Client Sample ID: MW-1
 Collection Date: 11/30/00 11:30:00 AM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	10		µg/L	1	12/6/00 11:51:00 AM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	12/6/00 11:51:00 AM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	12/6/00 11:51:00 AM
Butyl benzyl phthalate	ND	10		µg/L	1	12/6/00 11:51:00 AM
Chrysene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Di-n-butyl phthalate	ND	10		µg/L	1	12/6/00 11:51:00 AM
Di-n-octyl phthalate	ND	10		µg/L	1	12/6/00 11:51:00 AM
Dibenz(a,h)anthracene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Dibenzofuran	ND	10		µg/L	1	12/6/00 11:51:00 AM
Diethyl phthalate	ND	10		µg/L	1	12/6/00 11:51:00 AM
Dimethyl phthalate	ND	10		µg/L	1	12/6/00 11:51:00 AM
Fluoranthene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Fluorene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Hexachlorobenzene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Hexachlorobutadiene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Hexachlorocyclopentadiene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Hexachloroethane	ND	10		µg/L	1	12/6/00 11:51:00 AM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Isophorone	ND	10		µg/L	1	12/6/00 11:51:00 AM
N-Nitroso-di-n-propylamine	ND	10		µg/L	1	12/6/00 11:51:00 AM
N-Nitrosodimethylamine	ND	10		µg/L	1	12/6/00 11:51:00 AM
N-Nitrosodiphenylamine	ND	10		µg/L	1	12/6/00 11:51:00 AM
Naphthalene	26	10		µg/L	1	12/6/00 11:51:00 AM
Nitrobenzene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Pentachlorophenol	ND	25		µg/L	1	12/6/00 11:51:00 AM
Phenanthrene	ND	10		µg/L	1	12/6/00 11:51:00 AM
Phenol	ND	10		µg/L	1	12/6/00 11:51:00 AM
Pyrene	ND	10		µg/L	1	12/6/00 11:51:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-01A

Client Sample ID: MW-1
 Collection Date: 11/30/00 11:30:00 AM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	120		µg/L	25	12/13/00
1,1,1-Trichloroethane	ND	120		µg/L	25	12/13/00
1,1,2,2-Tetrachloroethane	ND	120		µg/L	25	12/13/00
1,1,2-Trichloroethane	ND	120		µg/L	25	12/13/00
1,1-Dichloroethane	ND	120		µg/L	25	12/13/00
1,1-Dichloroethene	ND	120		µg/L	25	12/13/00
1,1-Dichloropropene	ND	120		µg/L	25	12/13/00
1,2,3-Trichlorobenzene	ND	120		µg/L	25	12/13/00
1,2,3-Trichloropropane	ND	120		µg/L	25	12/13/00
1,2,4-Trichlorobenzene	ND	120		µg/L	25	12/13/00
1,2,4-Trimethylbenzene	340	120		µg/L	25	12/13/00
1,2-Dibromo-3-chloropropane	ND	120		µg/L	25	12/13/00
1,2-Dibromoethane	ND	120		µg/L	25	12/13/00
1,2-Dichlorobenzene	ND	120		µg/L	25	12/13/00
1,2-Dichloroethane	ND	120		µg/L	25	12/13/00
1,2-Dichloroethene, Total	ND	120		µg/L	25	12/13/00
1,2-Dichloropropane	ND	120		µg/L	25	12/13/00
1,3,5-Trimethylbenzene	130	120		µg/L	25	12/13/00
1,3-Dichlorobenzene	ND	120		µg/L	25	12/13/00
1,3-Dichloropropane	ND	120		µg/L	25	12/13/00
1,4-Dichlorobenzene	ND	120		µg/L	25	12/13/00
2,2-Dichloropropane	ND	120		µg/L	25	12/13/00
2-Butanone	ND	250		µg/L	25	12/13/00
2-Chloroethyl vinyl ether	ND	120		µg/L	25	12/13/00
2-Chlorotoluene	ND	120		µg/L	25	12/13/00
2-Hexanone	ND	250		µg/L	25	12/13/00
4-Chlorotoluene	ND	120		µg/L	25	12/13/00
4-Isopropyltoluene	ND	120		µg/L	25	12/13/00
4-Methyl-2-pentanone	ND	250		µg/L	25	12/13/00
Acetone	ND	250		µg/L	25	12/13/00
Acrolein	ND	2,500		µg/L	25	12/13/00
Benzene	1,500	120		µg/L	25	12/13/00
Bromobenzene	ND	120		µg/L	25	12/13/00
Bromochloromethane	ND	120		µg/L	25	12/13/00
Bromodichloromethane	ND	120		µg/L	25	12/13/00
Bromoform	ND	120		µg/L	25	12/13/00
Bromomethane	ND	120		µg/L	25	12/13/00
Carbon disulfide	ND	120		µg/L	25	12/13/00
Carbon tetrachloride	ND	120		µg/L	25	12/13/00
Chlorobenzene	ND	120		µg/L	25	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-01A

Client Sample ID: MW-1
 Collection Date: 11/30/00 11:30:00 AM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	120		µg/L	25	12/13/00
Chloroform	ND	120		µg/L	25	12/13/00
Chloromethane	ND	120		µg/L	25	12/13/00
cis-1,2-Dichloroethene	ND	120		µg/L	25	12/13/00
cis-1,3-Dichloropropene	ND	120		µg/L	25	12/13/00
Dibromochloromethane	ND	120		µg/L	25	12/13/00
Dibromomethane	ND	120		µg/L	25	12/13/00
Dichlorodifluoromethane	ND	120		µg/L	25	12/13/00
Diethyl Ether	ND	120		µg/L	25	12/13/00
Ethylbenzene	490	120		µg/L	25	12/13/00
Hexachlorobutadiene	ND	120		µg/L	25	12/13/00
Iodomethane	ND	120		µg/L	25	12/13/00
Isopropylbenzene	ND	120		µg/L	25	12/13/00
m,p-Xylene	1,600	120		µg/L	25	12/13/00
Methyl tert-butyl ether	ND	120		µg/L	25	12/13/00
Methylene chloride	ND	120		µg/L	25	12/13/00
n-Butylbenzene	ND	120		µg/L	25	12/13/00
n-Propylbenzene	ND	120		µg/L	25	12/13/00
Naphthalene	ND	120		µg/L	25	12/13/00
o-Xylene	240	120		µg/L	25	12/13/00
sec-Butylbenzene	ND	120		µg/L	25	12/13/00
Styrene	ND	120		µg/L	25	12/13/00
tert-Butylbenzene	ND	120		µg/L	25	12/13/00
Tetrachloroethene	ND	120		µg/L	25	12/13/00
Tetrahydrofuran	ND	250		µg/L	25	12/13/00
Toluene	660	120		µg/L	25	12/13/00
trans-1,2-Dichloroethene	ND	120		µg/L	25	12/13/00
trans-1,3-Dichloropropene	ND	120		µg/L	25	12/13/00
Trichloroethene	ND	120		µg/L	25	12/13/00
Trichlorofluoromethane	ND	120		µg/L	25	12/13/00
Vinyl acetate	ND	120		µg/L	25	12/13/00
Vinyl chloride	ND	120		µg/L	25	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-02A

Client Sample ID: MW-2
 Collection Date: 11/30/00 3:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	0.010		mg/L	1	12/5/00
Barium	0.21	0.050		mg/L	1	12/5/00
Cadmium	ND	0.0050		mg/L	1	12/5/00
Chromium	ND	0.010		mg/L	1	12/5/00
Lead	0.019	0.0050		mg/L	1	12/5/00
Selenium	ND	0.0050		mg/L	1	12/5/00
Silver	ND	0.0050		mg/L	1	12/5/00
MERCURY, TOTAL		SW7470A				Analyst: AS
Mercury	ND	0.0010		mg/L	1	12/6/00 10:05:48 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-02A

Client Sample ID: MW-2
 Collection Date: 11/30/00 3:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	10		µg/L	1	12/6/00 12:35:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	12/6/00 12:35:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	12/6/00 12:35:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	12/6/00 12:35:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
2,4-Dinitrophenol	ND	25		µg/L	1	12/6/00 12:35:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	12/6/00 12:35:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	12/6/00 12:35:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	12/6/00 12:35:00 PM
2-Chlorophenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	12/6/00 12:35:00 PM
2-Methylphenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
2-Nitroaniline	ND	25		µg/L	1	12/6/00 12:35:00 PM
2-Nitrophenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
3,3'-Dichlorobenzidine	ND	25		µg/L	1	12/6/00 12:35:00 PM
3-Nitroaniline	ND	10		µg/L	1	12/6/00 12:35:00 PM
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	12/6/00 12:35:00 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
4-Chloroaniline	ND	10		µg/L	1	12/6/00 12:35:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	12/6/00 12:35:00 PM
4-Methylphenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
4-Nitroaniline	ND	25		µg/L	1	12/6/00 12:35:00 PM
4-Nitrophenol	ND	25		µg/L	1	12/6/00 12:35:00 PM
Acenaphthene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Acenaphthylene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Aniline	ND	10		µg/L	1	12/6/00 12:35:00 PM
Anthracene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benz(a)anthracene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benzidine	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benzoic acid	ND	10		µg/L	1	12/6/00 12:35:00 PM
Benzyl alcohol	ND	10		µg/L	1	12/6/00 12:35:00 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	12/6/00 12:35:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-02A

Client Sample ID: MW-2
 Collection Date: 11/30/00 3:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	10		µg/L	1	12/6/00 12:35:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	12/6/00 12:35:00 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	12/6/00 12:35:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	12/6/00 12:35:00 PM
Chrysene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Di-n-butyl phthalate	ND	10		µg/L	1	12/6/00 12:35:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	12/6/00 12:35:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Dibenzofuran	ND	10		µg/L	1	12/6/00 12:35:00 PM
Diethyl phthalate	ND	10		µg/L	1	12/6/00 12:35:00 PM
Dimethyl phthalate	ND	10		µg/L	1	12/6/00 12:35:00 PM
Fluoranthene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Fluorene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Hexachlorobenzene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Hexachloroethane	ND	10		µg/L	1	12/6/00 12:35:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Isophorone	ND	10		µg/L	1	12/6/00 12:35:00 PM
N-Nitroso-di-n-propylamine	ND	10		µg/L	1	12/6/00 12:35:00 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	12/6/00 12:35:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	12/6/00 12:35:00 PM
Naphthalene	33	10		µg/L	1	12/6/00 12:35:00 PM
Nitrobenzene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Pentachlorophenol	ND	25		µg/L	1	12/6/00 12:35:00 PM
Phenanthrene	ND	10		µg/L	1	12/6/00 12:35:00 PM
Phenol	ND	10		µg/L	1	12/6/00 12:35:00 PM
Pyrene	ND	10		µg/L	1	12/6/00 12:35:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
Lab Order: 0012011
Project: 1200 E. MAIN STREET
Lab ID: 0012011-02A

Client Sample ID: MW-2
Collection Date: 11/30/00 3:00:00 PM
Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	25		µg/L	5	12/13/00
1,1,1-Trichloroethane	ND	25		µg/L	5	12/13/00
1,1,2,2-Tetrachloroethane	ND	25		µg/L	5	12/13/00
1,1,2-Trichloroethane	ND	25		µg/L	5	12/13/00
1,1-Dichloroethane	ND	25		µg/L	5	12/13/00
1,1-Dichloroethene	ND	25		µg/L	5	12/13/00
1,1-Dichloropropene	ND	25		µg/L	5	12/13/00
1,2,3-Trichlorobenzene	ND	25		µg/L	5	12/13/00
1,2,3-Trichloropropane	ND	25		µg/L	5	12/13/00
1,2,4-Trichlorobenzene	ND	25		µg/L	5	12/13/00
1,2,4-Trimethylbenzene	890	25		µg/L	5	12/13/00
1,2-Dibromo-3-chloropropane	ND	25		µg/L	5	12/13/00
1,2-Dibromoethane	ND	25		µg/L	5	12/13/00
1,2-Dichlorobenzene	ND	25		µg/L	5	12/13/00
1,2-Dichloroethane	ND	25		µg/L	5	12/13/00
1,2-Dichloroethene, Total	ND	25		µg/L	5	12/13/00
1,2-Dichloropropane	ND	25		µg/L	5	12/13/00
1,3,5-Trimethylbenzene	160	25		µg/L	5	12/13/00
1,3-Dichlorobenzene	ND	25		µg/L	5	12/13/00
1,3-Dichloropropane	ND	25		µg/L	5	12/13/00
1,4-Dichlorobenzene	ND	25		µg/L	5	12/13/00
2,2-Dichloropropane	ND	25		µg/L	5	12/13/00
2-Butanone	ND	50		µg/L	5	12/13/00
2-Chloroethyl vinyl ether	ND	25		µg/L	5	12/13/00
2-Chlorotoluene	ND	25		µg/L	5	12/13/00
2-Hexanone	ND	50		µg/L	5	12/13/00
4-Chlorotoluene	ND	25		µg/L	5	12/13/00
4-Isopropyltoluene	ND	25		µg/L	5	12/13/00
4-Methyl-2-pentanone	ND	50		µg/L	5	12/13/00
Acetone	53	50		µg/L	5	12/13/00
Acrolein	ND	500		µg/L	5	12/13/00
Benzene	67	25		µg/L	5	12/13/00
Bromobenzene	ND	25		µg/L	5	12/13/00
Bromochloromethane	ND	25		µg/L	5	12/13/00
Bromodichloromethane	ND	25		µg/L	5	12/13/00
Bromoform	ND	25		µg/L	5	12/13/00
Bromomethane	ND	25		µg/L	5	12/13/00
Carbon disulfide	ND	25		µg/L	5	12/13/00
Carbon tetrachloride	ND	25		µg/L	5	12/13/00
Chlorobenzene	ND	25		µg/L	5	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-02A

Client Sample ID: MW-2
 Collection Date: 11/30/00 3:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	25		µg/L	5	12/13/00
Chloroform	ND	25		µg/L	5	12/13/00
Chloromethane	ND	25		µg/L	5	12/13/00
cis-1,2-Dichloroethene	ND	25		µg/L	5	12/13/00
cis-1,3-Dichloropropene	ND	25		µg/L	5	12/13/00
Dibromochloromethane	ND	25		µg/L	5	12/13/00
Dibromomethane	ND	25		µg/L	5	12/13/00
Dichlorodifluoromethane	ND	25		µg/L	5	12/13/00
Diethyl Ether	ND	25		µg/L	5	12/13/00
Ethylbenzene	290	25		µg/L	5	12/13/00
Hexachlorobutadiene	ND	25		µg/L	5	12/13/00
Iodomethane	ND	25		µg/L	5	12/13/00
Isopropylbenzene	32	25		µg/L	5	12/13/00
m,p-Xylene	660	25		µg/L	5	12/13/00
Methyl tert-butyl ether	220	25		µg/L	5	12/13/00
Methylene chloride	ND	25		µg/L	5	12/13/00
n-Butylbenzene	ND	25		µg/L	5	12/13/00
n-Propylbenzene	74	25		µg/L	5	12/13/00
Naphthalene	110	25		µg/L	5	12/13/00
o-Xylene	100	25		µg/L	5	12/13/00
sec-Butylbenzene	ND	25		µg/L	5	12/13/00
Styrene	ND	25		µg/L	5	12/13/00
tert-Butylbenzene	ND	25		µg/L	5	12/13/00
Tetrachloroethene	ND	25		µg/L	5	12/13/00
Tetrahydrofuran	ND	50		µg/L	5	12/13/00
Toluene	84	25		µg/L	5	12/13/00
trans-1,2-Dichloroethene	ND	25		µg/L	5	12/13/00
trans-1,3-Dichloropropene	ND	25		µg/L	5	12/13/00
Trichloroethene	ND	25		µg/L	5	12/13/00
Trichlorofluoromethane	ND	25		µg/L	5	12/13/00
Vinyl acetate	ND	25		µg/L	5	12/13/00
Vinyl chloride	ND	25		µg/L	5	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-03A

Client Sample ID: MW-3
 Collection Date: 11/30/00 12:30:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL						
		SW6010B				Analyst: A
Arsenic	0.016	0.010		mg/L	1	12/5/00
Barium	0.24	0.050		mg/L	1	12/5/00
Cadmium	ND	0.0050		mg/L	1	12/5/00
Chromium	ND	0.010		mg/L	1	12/5/00
Lead	0.016	0.0050		mg/L	1	12/5/00
Selenium	ND	0.0050		mg/L	1	12/5/00
Silver	ND	0.0050		mg/L	1	12/5/00
MERCURY, TOTAL						
		SW7470A				Analyst: AS
Mercury	ND	0.0010		mg/L	1	12/6/00 10:15:35 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-03A

Client Sample ID: MW-3
 Collection Date: 11/30/00 12:30:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	100		µg/L	10	12/7/00 8:31:00 AM
1,2-Dichlorobenzene	ND	100		µg/L	10	12/7/00 8:31:00 AM
1,3-Dichlorobenzene	ND	100		µg/L	10	12/7/00 8:31:00 AM
1,4-Dichlorobenzene	ND	100		µg/L	10	12/7/00 8:31:00 AM
2,4,5-Trichlorophenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
2,4,6-Trichlorophenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
2,4-Dichlorophenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
2,4-Dimethylphenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
2,4-Dinitrophenol	ND	250		µg/L	10	12/7/00 8:31:00 AM
2,4-Dinitrotoluene	ND	100		µg/L	10	12/7/00 8:31:00 AM
2,6-Dinitrotoluene	ND	100		µg/L	10	12/7/00 8:31:00 AM
2-Chloronaphthalene	ND	100		µg/L	10	12/7/00 8:31:00 AM
2-Chlorophenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
2-Methylnaphthalene	630	100		µg/L	10	12/7/00 8:31:00 AM
2-Methylphenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
2-Nitroaniline	ND	250		µg/L	10	12/7/00 8:31:00 AM
2-Nitrophenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
3,3'-Dichlorobenzidine	ND	250		µg/L	10	12/7/00 8:31:00 AM
3-Nitroaniline	ND	100		µg/L	10	12/7/00 8:31:00 AM
4,6-Dinitro-2-methylphenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
4-Bromophenyl phenyl ether	ND	100		µg/L	10	12/7/00 8:31:00 AM
4-Chloro-3-methylphenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
4-Chloroaniline	ND	100		µg/L	10	12/7/00 8:31:00 AM
4-Chlorophenyl phenyl ether	ND	100		µg/L	10	12/7/00 8:31:00 AM
4-Methylphenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
4-Nitroaniline	ND	250		µg/L	10	12/7/00 8:31:00 AM
4-Nitrophenol	ND	250		µg/L	10	12/7/00 8:31:00 AM
Acenaphthene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Acenaphthylene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Aniline	ND	100		µg/L	10	12/7/00 8:31:00 AM
Anthracene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benz(a)anthracene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benzidine	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benzo(a)pyrene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benzo(b)fluoranthene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benzo(g,h,i)perylene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benzo(k)fluoranthene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benzoic acid	ND	100		µg/L	10	12/7/00 8:31:00 AM
Benzyl alcohol	ND	100		µg/L	10	12/7/00 8:31:00 AM
Bis(2-chloroethoxy)methane	ND	100		µg/L	10	12/7/00 8:31:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-03A

Client Sample ID: MW-3
 Collection Date: 11/30/00 12:30:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	100		µg/L	10	12/7/00 8:31:00 AM
Bis(2-chloroisopropyl)ether	ND	100		µg/L	10	12/7/00 8:31:00 AM
Bis(2-ethylhexyl)phthalate	ND	100		µg/L	10	12/7/00 8:31:00 AM
Butyl benzyl phthalate	ND	100		µg/L	10	12/7/00 8:31:00 AM
Chrysene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Di-n-butyl phthalate	ND	100		µg/L	10	12/7/00 8:31:00 AM
Di-n-octyl phthalate	ND	100		µg/L	10	12/7/00 8:31:00 AM
Dibenz(a,h)anthracene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Dibenzofuran	ND	100		µg/L	10	12/7/00 8:31:00 AM
Diethyl phthalate	ND	100		µg/L	10	12/7/00 8:31:00 AM
Dimethyl phthalate	ND	100		µg/L	10	12/7/00 8:31:00 AM
Fluoranthene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Fluorene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Hexachlorobenzene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Hexachlorobutadiene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Hexachlorocyclopentadiene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Hexachloroethane	ND	100		µg/L	10	12/7/00 8:31:00 AM
Indeno(1,2,3-cd)pyrene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Isophorone	130	100		µg/L	10	12/7/00 8:31:00 AM
N-Nitroso-di-n-propylamine	ND	100		µg/L	10	12/7/00 8:31:00 AM
N-Nitrosodimethylamine	ND	100		µg/L	10	12/7/00 8:31:00 AM
N-Nitrosodiphenylamine	ND	100		µg/L	10	12/7/00 8:31:00 AM
Naphthalene	470	100		µg/L	10	12/7/00 8:31:00 AM
Nitrobenzene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Pentachlorophenol	ND	250		µg/L	10	12/7/00 8:31:00 AM
Phenanthrene	ND	100		µg/L	10	12/7/00 8:31:00 AM
Phenol	ND	100		µg/L	10	12/7/00 8:31:00 AM
Pyrene	ND	100		µg/L	10	12/7/00 8:31:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
Lab Order: 0012011
Project: 1200 E. MAIN STREET
Lab ID: 0012011-03A

Client Sample ID: MW-3
Collection Date: 11/30/00 12:30:00 PM
Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	250		µg/L	50	12/13/00
1,1,1-Trichloroethane	ND	250		µg/L	50	12/13/00
1,1,2,2-Tetrachloroethane	ND	250		µg/L	50	12/13/00
1,1,2-Trichloroethane	ND	250		µg/L	50	12/13/00
1,1-Dichloroethane	ND	250		µg/L	50	12/13/00
1,1-Dichloroethene	ND	250		µg/L	50	12/13/00
1,1-Dichloropropene	ND	250		µg/L	50	12/13/00
1,2,3-Trichlorobenzene	ND	250		µg/L	50	12/13/00
1,2,3-Trichloropropane	ND	250		µg/L	50	12/13/00
1,2,4-Trichlorobenzene	ND	250		µg/L	50	12/13/00
1,2,4-Trimethylbenzene	1,800	250		µg/L	50	12/13/00
1,2-Dibromo-3-chloropropane	ND	250		µg/L	50	12/13/00
1,2-Dibromoethane	ND	250		µg/L	50	12/13/00
1,2-Dichlorobenzene	ND	250		µg/L	50	12/13/00
1,2-Dichloroethane	ND	250		µg/L	50	12/13/00
1,2-Dichloroethene, Total	ND	250		µg/L	50	12/13/00
1,2-Dichloropropane	ND	250		µg/L	50	12/13/00
1,3,5-Trimethylbenzene	560	250		µg/L	50	12/13/00
1,3-Dichlorobenzene	ND	250		µg/L	50	12/13/00
1,3-Dichloropropane	ND	250		µg/L	50	12/13/00
1,4-Dichlorobenzene	ND	250		µg/L	50	12/13/00
2,2-Dichloropropane	ND	250		µg/L	50	12/13/00
2-Butanone	ND	500		µg/L	50	12/13/00
2-Chloroethyl vinyl ether	ND	250		µg/L	50	12/13/00
2-Chlorotoluene	ND	250		µg/L	50	12/13/00
2-Hexanone	ND	500		µg/L	50	12/13/00
4-Chlorotoluene	ND	250		µg/L	50	12/13/00
4-Isopropyltoluene	ND	250		µg/L	50	12/13/00
4-Methyl-2-pentanone	ND	500		µg/L	50	12/13/00
Acetone	ND	500		µg/L	50	12/13/00
Acrolein	ND	5,000		µg/L	50	12/13/00
Benzene	560	250		µg/L	50	12/13/00
Bromobenzene	ND	250		µg/L	50	12/13/00
Bromochloromethane	ND	250		µg/L	50	12/13/00
Bromodichloromethane	ND	250		µg/L	50	12/13/00
Bromoform	ND	250		µg/L	50	12/13/00
Bromomethane	ND	250		µg/L	50	12/13/00
Carbon disulfide	ND	250		µg/L	50	12/13/00
Carbon tetrachloride	ND	250		µg/L	50	12/13/00
Chlorobenzene	ND	250		µg/L	50	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-03A

Client Sample ID: MW-3
 Collection Date: 11/30/00 12:30:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	250		µg/L	50	12/13/00
Chloroform	ND	250		µg/L	50	12/13/00
Chloromethane	ND	250		µg/L	50	12/13/00
cis-1,2-Dichloroethene	ND	250		µg/L	50	12/13/00
cis-1,3-Dichloropropene	ND	250		µg/L	50	12/13/00
Dibromochloromethane	ND	250		µg/L	50	12/13/00
Dibromomethane	ND	250		µg/L	50	12/13/00
Dichlorodifluoromethane	ND	250		µg/L	50	12/13/00
Diethyl Ether	ND	250		µg/L	50	12/13/00
Ethylbenzene	980	250		µg/L	50	12/13/00
Hexachlorobutadiene	ND	250		µg/L	50	12/13/00
Iodomethane	ND	250		µg/L	50	12/13/00
Isopropylbenzene	ND	250		µg/L	50	12/13/00
m,p-Xylene	4,500	250		µg/L	50	12/13/00
Methyl tert-butyl ether	400	250		µg/L	50	12/13/00
Methylene chloride	ND	250		µg/L	50	12/13/00
n-Butylbenzene	ND	250		µg/L	50	12/13/00
n-Propylbenzene	ND	250		µg/L	50	12/13/00
Naphthalene	580	250		µg/L	50	12/13/00
o-Xylene	920	250		µg/L	50	12/13/00
sec-Butylbenzene	ND	250		µg/L	50	12/13/00
Styrene	ND	250		µg/L	50	12/13/00
tert-Butylbenzene	ND	250		µg/L	50	12/13/00
Tetrachloroethene	ND	250		µg/L	50	12/13/00
Tetrahydrofuran	ND	500		µg/L	50	12/13/00
Toluene	800	250		µg/L	50	12/13/00
trans-1,2-Dichloroethene	ND	250		µg/L	50	12/13/00
trans-1,3-Dichloropropene	ND	250		µg/L	50	12/13/00
Trichloroethene	ND	250		µg/L	50	12/13/00
Trichlorofluoromethane	ND	250		µg/L	50	12/13/00
Vinyl acetate	ND	250		µg/L	50	12/13/00
Vinyl chloride	ND	250		µg/L	50	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-04A

Client Sample ID: MW-4
 Collection Date: 11/30/00 2:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		SW6010B				Analyst: A
Arsenic	ND	0.010		mg/L	1	12/5/00
Barium	0.23	0.050		mg/L	1	12/5/00
Cadmium	ND	0.0050		mg/L	1	12/5/00
Chromium	ND	0.010		mg/L	1	12/5/00
Lead	0.12	0.0050		mg/L	1	12/5/00
Selenium	ND	0.0050		mg/L	1	12/5/00
Silver	ND	0.0050		mg/L	1	12/5/00
MERCURY, TOTAL		SW7470A				Analyst: AS
Mercury	ND	0.0010		mg/L	1	12/6/00 10:18:48 AM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-04A

Client Sample ID: MW-4
 Collection Date: 11/30/00 2:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C				Analyst: PC
1,2,4-Trichlorobenzene	ND	200		µg/L	20	12/7/00 9:14:00 AM
1,2-Dichlorobenzene	ND	200		µg/L	20	12/7/00 9:14:00 AM
1,3-Dichlorobenzene	ND	200		µg/L	20	12/7/00 9:14:00 AM
1,4-Dichlorobenzene	ND	200		µg/L	20	12/7/00 9:14:00 AM
2,4,5-Trichlorophenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
2,4,6-Trichlorophenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
2,4-Dichlorophenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
2,4-Dimethylphenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
2,4-Dinitrophenol	ND	500		µg/L	20	12/7/00 9:14:00 AM
2,4-Dinitrotoluene	ND	200		µg/L	20	12/7/00 9:14:00 AM
2,6-Dinitrotoluene	ND	200		µg/L	20	12/7/00 9:14:00 AM
2-Chloronaphthalene	ND	200		µg/L	20	12/7/00 9:14:00 AM
2-Chlorophenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
2-Methylnaphthalene	2,200	200		µg/L	20	12/7/00 9:14:00 AM
2-Methylphenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
2-Nitroaniline	ND	500		µg/L	20	12/7/00 9:14:00 AM
2-Nitrophenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
3,3'-Dichlorobenzidine	ND	500		µg/L	20	12/7/00 9:14:00 AM
3-Nitroaniline	ND	200		µg/L	20	12/7/00 9:14:00 AM
4,6-Dinitro-2-methylphenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
4-Bromophenyl phenyl ether	ND	200		µg/L	20	12/7/00 9:14:00 AM
4-Chloro-3-methylphenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
4-Chloroaniline	ND	200		µg/L	20	12/7/00 9:14:00 AM
4-Chlorophenyl phenyl ether	ND	200		µg/L	20	12/7/00 9:14:00 AM
4-Methylphenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
4-Nitroaniline	ND	500		µg/L	20	12/7/00 9:14:00 AM
4-Nitrophenol	ND	500		µg/L	20	12/7/00 9:14:00 AM
Acenaphthene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Acenaphthylene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Aniline	ND	200		µg/L	20	12/7/00 9:14:00 AM
Anthracene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benz(a)anthracene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benzidine	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benzo(a)pyrene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benzo(b)fluoranthene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benzo(g,h,i)perylene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benzo(k)fluoranthene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benzoic acid	ND	200		µg/L	20	12/7/00 9:14:00 AM
Benzyl alcohol	ND	200		µg/L	20	12/7/00 9:14:00 AM
Bis(2-chloroethoxy)methane	ND	200		µg/L	20	12/7/00 9:14:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-04A

Client Sample ID: MW-4
 Collection Date: 11/30/00 2:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Bis(2-chloroethyl)ether	ND	200		µg/L	20	12/7/00 9:14:00 AM
Bis(2-chloroisopropyl)ether	ND	200		µg/L	20	12/7/00 9:14:00 AM
Bis(2-ethylhexyl)phthalate	ND	200		µg/L	20	12/7/00 9:14:00 AM
Butyl benzyl phthalate	ND	200		µg/L	20	12/7/00 9:14:00 AM
Chrysene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Di-n-butyl phthalate	ND	200		µg/L	20	12/7/00 9:14:00 AM
Di-n-octyl phthalate	ND	200		µg/L	20	12/7/00 9:14:00 AM
Dibenz(a,h)anthracene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Dibenzofuran	ND	200		µg/L	20	12/7/00 9:14:00 AM
Diethyl phthalate	ND	200		µg/L	20	12/7/00 9:14:00 AM
Dimethyl phthalate	ND	200		µg/L	20	12/7/00 9:14:00 AM
Fluoranthene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Fluorene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Hexachlorobenzene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Hexachlorobutadiene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Hexachlorocyclopentadiene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Hexachloroethane	ND	200		µg/L	20	12/7/00 9:14:00 AM
Indeno(1,2,3-cd)pyrene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Isophorone	ND	200		µg/L	20	12/7/00 9:14:00 AM
N-Nitroso-di-n-propylamine	ND	200		µg/L	20	12/7/00 9:14:00 AM
N-Nitrosodimethylamine	ND	200		µg/L	20	12/7/00 9:14:00 AM
N-Nitrosodiphenylamine	ND	200		µg/L	20	12/7/00 9:14:00 AM
Naphthalene	1,500	200		µg/L	20	12/7/00 9:14:00 AM
Nitrobenzene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Pentachlorophenol	ND	500		µg/L	20	12/7/00 9:14:00 AM
Phenanthrene	ND	200		µg/L	20	12/7/00 9:14:00 AM
Phenol	ND	200		µg/L	20	12/7/00 9:14:00 AM
Pyrene	ND	200		µg/L	20	12/7/00 9:14:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-04A

Client Sample ID: MW-4
 Collection Date: 11/30/00 2:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	2,500		µg/L	500	12/13/00
1,1,1-Trichloroethane	ND	2,500		µg/L	500	12/13/00
1,1,2,2-Tetrachloroethane	ND	2,500		µg/L	500	12/13/00
1,1,2-Trichloroethane	ND	2,500		µg/L	500	12/13/00
1,1-Dichloroethane	ND	2,500		µg/L	500	12/13/00
1,1-Dichloroethene	ND	2,500		µg/L	500	12/13/00
1,1-Dichloropropene	ND	2,500		µg/L	500	12/13/00
1,2,3-Trichlorobenzene	ND	2,500		µg/L	500	12/13/00
1,2,3-Trichloropropane	ND	2,500		µg/L	500	12/13/00
1,2,4-Trichlorobenzene	ND	2,500		µg/L	500	12/13/00
1,2,4-Trimethylbenzene	25,000	2,500		µg/L	500	12/13/00
1,2-Dibromo-3-chloropropane	ND	2,500		µg/L	500	12/13/00
1,2-Dibromoethane	ND	2,500		µg/L	500	12/13/00
1,2-Dichlorobenzene	ND	2,500		µg/L	500	12/13/00
1,2-Dichloroethane	ND	2,500		µg/L	500	12/13/00
1,2-Dichloroethene, Total	ND	2,500		µg/L	500	12/13/00
1,2-Dichloropropane	ND	2,500		µg/L	500	12/13/00
1,3,5-Trimethylbenzene	7,300	2,500		µg/L	500	12/13/00
1,3-Dichlorobenzene	ND	2,500		µg/L	500	12/13/00
1,3-Dichloropropane	ND	2,500		µg/L	500	12/13/00
1,4-Dichlorobenzene	ND	2,500		µg/L	500	12/13/00
2,2-Dichloropropane	ND	2,500		µg/L	500	12/13/00
2-Butanone	ND	5,000		µg/L	500	12/13/00
2-Chloroethyl vinyl ether	ND	2,500		µg/L	500	12/13/00
2-Chlorotoluene	ND	2,500		µg/L	500	12/13/00
2-Hexanone	ND	5,000		µg/L	500	12/13/00
4-Chlorotoluene	ND	2,500		µg/L	500	12/13/00
4-Isopropyltoluene	ND	2,500		µg/L	500	12/13/00
4-Methyl-2-pentanone	ND	5,000		µg/L	500	12/13/00
Acetone	ND	5,000		µg/L	500	12/13/00
Acrolein	ND	50,000		µg/L	500	12/13/00
Benzene	ND	2,500		µg/L	500	12/13/00
Bromobenzene	ND	2,500		µg/L	500	12/13/00
Bromochloromethane	ND	2,500		µg/L	500	12/13/00
Bromodichloromethane	ND	2,500		µg/L	500	12/13/00
Bromoform	ND	2,500		µg/L	500	12/13/00
Bromomethane	ND	2,500		µg/L	500	12/13/00
Carbon disulfide	ND	2,500		µg/L	500	12/13/00
Carbon tetrachloride	ND	2,500		µg/L	500	12/13/00
Chlorobenzene	ND	2,500		µg/L	500	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
 Lab Order: 0012011
 Project: 1200 E. MAIN STREET
 Lab ID: 0012011-04A

Client Sample ID: MW-4
 Collection Date: 11/30/00 2:00:00 PM
 Matrix: AQUEOUS

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	2,500		µg/L	500	12/13/00
Chloroform	ND	2,500		µg/L	500	12/13/00
Chloromethane	ND	2,500		µg/L	500	12/13/00
cis-1,2-Dichloroethene	ND	2,500		µg/L	500	12/13/00
cis-1,3-Dichloropropene	ND	2,500		µg/L	500	12/13/00
Dibromochloromethane	ND	2,500		µg/L	500	12/13/00
Dibromomethane	ND	2,500		µg/L	500	12/13/00
Dichlorodifluoromethane	ND	2,500		µg/L	500	12/13/00
Diethyl Ether	ND	2,500		µg/L	500	12/13/00
Ethylbenzene	3,300	2,500		µg/L	500	12/13/00
Hexachlorobutadiene	ND	2,500		µg/L	500	12/13/00
Iodomethane	ND	2,500		µg/L	500	12/13/00
Isopropylbenzene	ND	2,500		µg/L	500	12/13/00
m,p-Xylene	14,000	2,500		µg/L	500	12/13/00
Methyl tert-butyl ether	ND	2,500		µg/L	500	12/13/00
Methylene chloride	ND	2,500		µg/L	500	12/13/00
n-Butylbenzene	ND	2,500		µg/L	500	12/13/00
n-Propylbenzene	2,800	2,500		µg/L	500	12/13/00
Naphthalene	6,000	2,500		µg/L	500	12/13/00
o-Xylene	3,200	2,500		µg/L	500	12/13/00
sec-Butylbenzene	ND	2,500		µg/L	500	12/13/00
Styrene	ND	2,500		µg/L	500	12/13/00
tert-Butylbenzene	ND	2,500		µg/L	500	12/13/00
Tetrachloroethene	ND	2,500		µg/L	500	12/13/00
Tetrahydrofuran	ND	5,000		µg/L	500	12/13/00
Toluene	ND	2,500		µg/L	500	12/13/00
trans-1,2-Dichloroethene	ND	2,500		µg/L	500	12/13/00
trans-1,3-Dichloropropene	ND	2,500		µg/L	500	12/13/00
Trichloroethene	ND	2,500		µg/L	500	12/13/00
Trichlorofluoromethane	ND	2,500		µg/L	500	12/13/00
Vinyl acetate	ND	2,500		µg/L	500	12/13/00
Vinyl chloride	ND	2,500		µg/L	500	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
Lab Order: 0012011
Project: 1200 E. MAIN STREET
Lab ID: 0012011-05A

Client Sample ID: TRIP BLANK
Collection Date: 11/30/00 11:30:00 AM
Matrix: TRIP BLANK

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: XL
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	1	12/13/00
1,1,1-Trichloroethane	ND	5.0		µg/L	1	12/13/00
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	12/13/00
1,1,2-Trichloroethane	ND	5.0		µg/L	1	12/13/00
1,1-Dichloroethane	ND	5.0		µg/L	1	12/13/00
1,1-Dichloroethene	ND	5.0		µg/L	1	12/13/00
1,1-Dichloropropene	ND	5.0		µg/L	1	12/13/00
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	12/13/00
1,2,3-Trichloropropane	ND	5.0		µg/L	1	12/13/00
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	12/13/00
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	12/13/00
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	12/13/00
1,2-Dibromoethane	ND	5.0		µg/L	1	12/13/00
1,2-Dichlorobenzene	ND	5.0		µg/L	1	12/13/00
1,2-Dichloroethane	ND	5.0		µg/L	1	12/13/00
1,2-Dichloroethene, Total	ND	5.0		µg/L	1	12/13/00
1,2-Dichloropropane	ND	5.0		µg/L	1	12/13/00
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	12/13/00
1,3-Dichlorobenzene	ND	5.0		µg/L	1	12/13/00
1,3-Dichloropropane	ND	5.0		µg/L	1	12/13/00
1,4-Dichlorobenzene	ND	5.0		µg/L	1	12/13/00
2,2-Dichloropropane	ND	5.0		µg/L	1	12/13/00
2-Butanone	ND	10		µg/L	1	12/13/00
2-Chloroethyl vinyl ether	ND	5.0		µg/L	1	12/13/00
2-Chlorotoluene	ND	5.0		µg/L	1	12/13/00
2-Hexanone	ND	10		µg/L	1	12/13/00
4-Chlorotoluene	ND	5.0		µg/L	1	12/13/00
4-Isopropyltoluene	ND	5.0		µg/L	1	12/13/00
4-Methyl-2-pentanone	ND	10		µg/L	1	12/13/00
Acetone	ND	10		µg/L	1	12/13/00
Acrolein	ND	100		µg/L	1	12/13/00
Benzene	ND	5.0		µg/L	1	12/13/00
Bromobenzene	ND	5.0		µg/L	1	12/13/00
Bromochloromethane	ND	5.0		µg/L	1	12/13/00
Bromodichloromethane	ND	5.0		µg/L	1	12/13/00
Bromoform	ND	5.0		µg/L	1	12/13/00
Bromomethane	ND	5.0		µg/L	1	12/13/00
Carbon disulfide	ND	5.0		µg/L	1	12/13/00
Carbon tetrachloride	ND	5.0		µg/L	1	12/13/00
Chlorobenzene	ND	5.0		µg/L	1	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Toxikon

Date: 14-Dec-00

CLIENT: Bergmann Associates
Lab Order: 0012011
Project: 1200 E. MAIN STREET
Lab ID: 0012011-05A

Client Sample ID: TRIP BLANK
Collection Date: 11/30/00 11:30:00 AM
Matrix: TRIP BLANK

Analyses	Result	Rpt Limit	Qual	Units	DF	Date Analyzed
Chloroethane	ND	5.0		µg/L	1	12/13/00
Chloroform	ND	5.0		µg/L	1	12/13/00
Chloromethane	ND	5.0		µg/L	1	12/13/00
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	12/13/00
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	12/13/00
Dibromochloromethane	ND	5.0		µg/L	1	12/13/00
Dibromomethane	ND	5.0		µg/L	1	12/13/00
Dichlorodifluoromethane	ND	5.0		µg/L	1	12/13/00
Diethyl Ether	ND	5.0		µg/L	1	12/13/00
Ethylbenzene	ND	5.0		µg/L	1	12/13/00
Hexachlorobutadiene	ND	5.0		µg/L	1	12/13/00
Iodomethane	ND	5.0		µg/L	1	12/13/00
Isopropylbenzene	ND	5.0		µg/L	1	12/13/00
m,p-Xylene	ND	5.0		µg/L	1	12/13/00
Methyl tert-butyl ether	ND	5.0		µg/L	1	12/13/00
Methylene chloride	ND	5.0		µg/L	1	12/13/00
n-Butylbenzene	ND	5.0		µg/L	1	12/13/00
n-Propylbenzene	ND	5.0		µg/L	1	12/13/00
Naphthalene	ND	5.0		µg/L	1	12/13/00
o-Xylene	ND	5.0		µg/L	1	12/13/00
sec-Butylbenzene	ND	5.0		µg/L	1	12/13/00
Styrene	ND	5.0		µg/L	1	12/13/00
tert-Butylbenzene	ND	5.0		µg/L	1	12/13/00
Tetrachloroethene	ND	5.0		µg/L	1	12/13/00
Tetrahydrofuran	ND	10		µg/L	1	12/13/00
Toluene	ND	5.0		µg/L	1	12/13/00
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	12/13/00
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	12/13/00
Trichloroethene	ND	5.0		µg/L	1	12/13/00
Trichlorofluoromethane	ND	5.0		µg/L	1	12/13/00
Vinyl acetate	ND	5.0		µg/L	1	12/13/00
Vinyl chloride	ND	5.0		µg/L	1	12/13/00

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

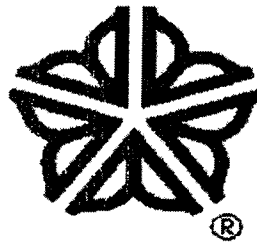
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

**LABORATORY ANALYTICAL REPORTS
SOIL AND GROUNDWATER
SAMPLING AND ANALYSIS CONDUCTED IN 2003**

**1200 EAST MAIN STREET
CITY OF ROCHESTER
MONROE COUNTY, NEW YORK**

BROWNFIELD PROJECT B-00129-8

Prepared for:



**City of Rochester
Department of Environmental Services**



**B E R G M A N N
Associates**

**Prepared by:
Bergmann Associates
200 First Federal Plaza
28 East Main Street
Rochester, New York 14614**

**2003 SAMPLING AND ANALYSIS
DATA VALIDATED
LABORATORY ANALYTICAL REPORTS**

Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, NY 12853

Phone (518) 251-4429

Facsimile (518) 251-4428

LETTER OF TRANSMITTAL

TO: Ed Jones

COMPANY: Bergmann Associates
200 1st Federal Okaza
28 E. Main St.
Rochester, NY 14614

FROM: Judy Harry

DATE: 04-07-04

ENCLOSED: Original data packages for the 1200 E. Main
CAS Sub. Nos. R2317242, R2317243, R2318289,

COMMENTS:

Box 2 of 2

Ship via: US Express _____ UPS ___Ground___ US Priority___ FE



Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, NY 12853
Phone (518) 251-4429
Facsimile (518) 251-4428

LETTER OF TRANSMITTAL

TO: Ed Jones

COMPANY: Bergmann Associates
200 1st Federal Okaza
28 E. Main St.
Rochester, NY 14614

FROM: Judy Harry

DATE: 04-07-04

ENCLOSED: Original data packages for the 1200 E. Main St. site
CAS Sub. Nos. R2317242, R2317243, R2318289, and R2318312

COMMENTS:

Box 1 of 2

Ship via: US Express _____ UPS ___Ground___ US Priority___ Fed Ex___ Other _____

March 2, 2004

Ms. Judy Harry
Data Validation Services
120 Cobble Creek Road
P.O. Box 208
North Creek, New York 12853

*Attachments
were
incorporated
into
packages*

Re: Bergmann Associates - 1200 E. Main Street site
Submission #R2317242, R2317243, R2318289 & R2318312 validation response

Dear Ms. Harry:

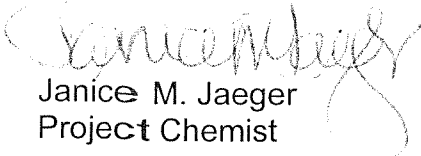
Enclosed are the responses to you questions received by fax on 02/12/04.

1. As we had discussed, I was going to provide the Form 8's for the locations that internal standards were outside limits. During the original analysis of TT-4A Sidewalls, all of the internal standards were outside limits. The sample was repeated and all of the internal standards were within limits so only the second analysis was reported, therefore it was an error on the case narrative that this location had internal standards outside limits. The Form 8's for Surface sample SSU-7 follow this letter.
2. The Batch Summary Forms for R2317242 and R2318312 follow this letter.
3. The run log for R2318312 includes the pH of the samples and follows this letter.
4. Pages 1277 through 1284 for R2318289 follow this letter.

Please contact me at (585) 288-5380 if you have any further questions or concerns.

Sincerely,

COLUMBIA ANALYTICAL SERVICES



Janice M. Jaeger
Project Chemist

cc: Mr Ed Jones - Bergmann Associates
cover letter only

July 24, 2003

Mr. Gary Flisnik
Bergmann Associates
28 East Main Street
Rochester, NY 14614

Re: City of Rochester 1200 E. Main Street Project #4453.02
Submission # R2317243
SDG # TT-3

Dear Mr. Flisnik:

Enclosed is the analytical data report for the above referenced facility. A total of eight samples were received by our laboratory on June 17-20, 2003.

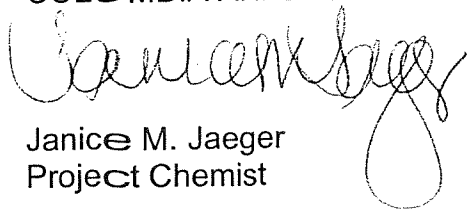
Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

Sincerely,

COLUMBIA ANALYTICAL SERVICES



Janice M. Jaeger
Project Chemist

enc.

2003
ASP -
TEST Trench
Soil
Samples
Data validated
pages inserted



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02
Lab Submission # : R2317243
Project Manager : Janice Jaeger
Reported : 07/23/03

Report Contains a total of 190 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. LR

CASE NARRATIVE

COMPANY: Bergmann Associates
City of Rochester 1200 E. Main Street Project #4453.02
SUBMISSION #: R2317243

Bergmann samples were collected on 06/17-20/03 and received at CAS on 06/17-20/03 in good condition

INORGANICS

Eight soil samples were analyzed for RCRA Metals by ASP methodology and Ethylene Glycol by method 89-9. Due to a laboratory error, The Field Dup #1 TT-3 was not analyzed for Ethylene Glycol.

Site specific QC was performed on TT-4. All MS recoveries were within limits. All Blank spike recoveries were within limits except Ethylene Glycol which was outside limits low and has been flagged with an "N". The Ethylene Glycol results may be biased low due to the low LCS. All RPD's were within limits.

No other analytical or QC problems were encountered.

VOLATILE ORGANICS

Eight soil samples and one cooler blank were analyzed for the TCL list of Volatiles by Method OLM 4.2.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits except IS3 for SSU-2. The sample was repeated and IS3 was within limits. Both sets of results have been reported out and all outlying internal standards have been flagged with an "**".

All surrogate standard recoveries were within QC limits except SMC3 for SSU-2. The sample was repeated and the surrogate was within limits. Both sets of data have been reported out and all outlying surrogates have been flagged with an "**".

Site specific QC was performed on TT-4. All MS/MSD and Reference spike recoveries were within limits. All RPD's were within limits.

The Laboratory blanks associated with these samples were free of contamination except SOILBLK2 contained a low level hit for Methylene Chloride. No data was affected.

All samples were analyzed within required holding times.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

Eight soil samples were analyzed for TCL list of Semivolatiles by method OLM 4.2.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits except IS4, IS5 and IS6 for FOUNDATION #1, SSU-6, TT-4MSD and TT-13A. The internal standards were within limits for TT-4 and TT-4MS. The other samples were repeated and the internal standards were still outside limits. Both sets of data have been reported out and all outlying internal standards have been flagged with an "**".

All surrogate standard recoveries were within limits except S4 for TT-11, TT-13ARE and Foundation #1. Foundation #1 was repeated and the surrogate was still outside limits and on the original analysis of TT-13 the surrogate was within limits. TT-11 was not repeated due to CLP protocol allowing one surrogate per fraction to be outside limits. All outlying surrogates have been flagged with an "**".

Site specific QC was performed on TT-4. All MS/MSD recoveries were within limits except Pyrene and has been flagged with an "**". All Blank spike/Blank spike duplicate recoveries were within limits except N-Nitroso-Di-n-propylamine for SBLKLCS1 and 4-Nitrophenol and Pentachlorophenol for SBLK1LCSRE and SBLK1LCSRE. The data was accepted for the samples associated with SBLK1LCS since the MS/MSD were within limits for this compound. No data was affected for the samples associated with SBLK1LCSRE/SBLK1LCSRE. All RPD's were within limits except Pyrene and has been flagged with an "**".

The original extract performed within holding time for Field Dup #1 TT-3 was lost during the GPC cleanup due to an instrument failure. The sample was re-extracted six days outside the recommended holding time of ten days from VTSR and analyzed.

TT-4 was analyzed at a dilution due to the presence of nontarget analytes in the sample.

The Laboratory Blanks associated with these analyses were free of contamination except SBLK1RE contained a low level hit for Di-n-butylphthalate and SBLK1 contained a low level hit for Bis(2-ethylhexyl)phthalate. All affected data has been flagged with a "B".

All samples were extracted and analyzed within holding times except as mentioned above.

No other analytical or QC problems were encountered.

PCB's

Eight soil samples was analyzed for the TCL list of PCB's by modified method OLM 4.2.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within limits.

Site specific QC was performed on TT-4. All MS/MSD recoveries were within limits. All Blank spike/blank spike duplicate recoveries were within limits. All RPD's were within limits.

The Laboratory Blanks associated with these analyses were free of contamination.

All samples were extracted and analyzed within required holding times.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature. *Rosa Reyes*



Effective 6/12/2003

ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited

NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292



Effective 6/12/2003

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because of the presence of interference.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
NELAP Accredited

New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-3

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648807 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0381.D
 Level: (low/med) LOW Date Received: 06/17/03
 % Moisture: not dec. 19.1 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		12	U
67-64-1	Acetone		12	U
75-35-4	1,1-Dichloroethene		12	U
79-20-9	Methyl Acetate		12	U
75-09-2	Methylene chloride		12	U
75-15-0	Carbon disulfide		12	U
1634-04-4	Methyl tert-Butyl Ether		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
75-34-3	1,1-Dichloroethane		12	U
78-93-3	2-Butanone		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
67-66-3	Chloroform		12	U
110-82-7	Cyclohexane		12	U
107-06-2	1,2-Dichloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
56-23-5	Carbon tetrachloride		12	U
71-43-2	Benzene		12	U
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
10061-02-6	trans-1,3-Dichloropropene		12	U
79-00-5	1,1,2-Trichloroethane		12	U
124-48-1	Dibromochloromethane		12	U
75-25-2	Bromoform		12	U
108-10-1	4-Methyl-2-pentanone		12	U
108-88-3	Toluene		12	U
591-78-6	2-Hexanone		12	U
127-18-4	Tetrachloroethene		12	U
106-93-4	1,2-Dibromoethane		12	U
108-90-7	Chlorobenzene		12	U
100-41-4	Ethylbenzene		12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-3

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648807 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0381.D
 Level: (low/med) LOW Date Received: 06/17/03
 % Moisture: not dec. 19.1 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-38-3/106-42-3	(m+p)Xylene		12	U
95-47-6	o-Xylene		12	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-3

Lab Name: cas\roch Contract: bergman

Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3

Matrix: (soil/water) SOIL Lab Sample ID: 648807 1.0

Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0381.D

Level: (low/med) LOW Date Received: 06/17/03

% Moisture: not dec. 19.1 Date Analyzed: 06/24/03

GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-11

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648809 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0382.D
 Level: (low/med) LOW Date Received: 06/16/03
 % Moisture: not dec. 16.2 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		12	U
67-64-1	Acetone		12	U
75-35-4	1,1-Dichloroethene		12	U
79-20-9	Methyl Acetate		12	U
75-09-2	Methylene chloride		12	U
75-15-0	Carbon disulfide		12	U
1634-04-4	Methyl tert-Butyl Ether		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
75-34-3	1,1-Dichloroethane		12	U
78-93-3	2-Butanone		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
67-66-3	Chloroform		12	U
110-82-7	Cyclohexane		12	U
107-06-2	1,2-Dichloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
56-23-5	Carbon tetrachloride		12	U
71-43-2	Benzene		12	U
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
10061-02-6	trans-1,3-Dichloropropene		12	U
79-00-5	1,1,2-Trichloroethane		12	U
124-48-1	Dibromochloromethane		12	U
75-25-2	Bromoform		12	U
108-10-1	4-Methyl-2-pentanone		12	U
108-88-3	Toluene		12	U
591-78-6	2-Hexanone		12	U
127-18-4	Tetrachloroethene		12	U
106-93-4	1,2-Dibromoethane		12	U
108-90-7	Chlorobenzene		12	U
100-41-4	Ethylbenzene		12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-11

Lab Name: casroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648809 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0382.D
 Level: (low/med) LOW Date Received: 06/16/03
 % Moisture: not dec. 16.2 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-38-3/106-42-3	(m+p)Xylene		12	U
95-47-6	o-Xylene		12	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-11

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648809 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0382.D
 Level: (low/med) LOW Date Received: 06/16/03
 % Moisture: not dec. 16.2 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD DUP

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648810 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0383.D
 Level: (low/med) LOW Date Received: 06/17/03
 % Moisture: not dec. 20.6 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	13	U
67-64-1	Acetone	13	U
75-35-4	1,1-Dichloroethene	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene chloride	13	U
75-15-0	Carbon disulfide	13	U
1634-04-4	Methyl tert-Butyl Ether	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
67-66-3	Chloroform	13	U
110-82-7	Cyclohexane	13	U
107-06-2	1,2-Dichloroethane	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon tetrachloride	13	U
71-43-2	Benzene	13	U
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
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
124-48-1	Dibromochloromethane	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
108-88-3	Toluene	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD DUP

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648810 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0383.D
 Level: (low/med) LOW Date Received: 06/17/03
 % Moisture: not dec. 20.6 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-38-3/106-42-3	(m+p)Xylene		13	U
95-47-6	o-Xylene		13	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELD DUP

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648810 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0383.D
 Level: (low/med) LOW Date Received: 06/17/03
 % Moisture: not dec. 20.6 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FOUNDATION

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0462.D
 Level: (low/med) LOW Date Received: 06/18/03
 % Moisture: not dec. 11.5 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		11	U
67-64-1	Acetone		11	U
75-35-4	1,1-Dichloroethene		11	U
79-20-9	Methyl Acetate		11	U
75-09-2	Methylene chloride		11	U
75-15-0	Carbon disulfide		11	U
1634-04-4	Methyl tert-Butyl Ether		11	U
156-60-5	trans-1,2-Dichloroethene		11	U
75-34-3	1,1-Dichloroethane		11	U
78-93-3	2-Butanone		11	U
156-59-2	cis-1,2-Dichloroethene		11	U
67-66-3	Chloroform		11	U
110-82-7	Cyclohexane		11	U
107-06-2	1,2-Dichloroethane		11	U
71-55-6	1,1,1-Trichloroethane		11	U
56-23-5	Carbon tetrachloride		11	U
71-43-2	Benzene		11	U
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
10061-02-6	trans-1,3-Dichloropropene		11	U
79-00-5	1,1,2-Trichloroethane		11	U
124-48-1	Dibromochloromethane		11	U
75-25-2	Bromoform		11	U
108-10-1	4-Methyl-2-pentanone		11	U
108-88-3	Toluene		11	U
591-78-6	2-Hexanone		11	U
127-18-4	Tetrachloroethene		11	U
106-93-4	1,2-Dibromoethane		11	U
108-90-7	Chlorobenzene		11	U
100-41-4	Ethylbenzene		11	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FOUNDATION

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0462.D
 Level: (low/med) LOW Date Received: 06/18/03
 % Moisture: not dec. 11.5 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-38-3/106-42-3	(m+p)Xylene		11	U
95-47-6	o-Xylene		11	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FOUNDATION

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0462.D
 Level: (low/med) LOW Date Received: 06/18/03
 % Moisture: not dec. 11.5 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown cyclic hydrocarbon	19.43	50	J
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	19.90	110	JN
3. 000526-73-8	Benzene, 1,2,3-trimethyl-	21.57	50	JN
4. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	22.12	74	JN
5. 000091-17-8	Naphthalene, decahydro-	22.22	57	JN
6. 001074-17-5	Benzene, 1-methyl-2-propyl-	22.53	47	JN
7. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	22.91	59	JN
8.	unknown hydrocarbon	23.19	86	J
9.	unknown aromatic hydrocarbon	23.37	46	J
10. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	23.56	98	JN
11. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	23.86	65	JN
12.	unknown hydrocarbon	23.99	91	J
13. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	24.75	100	JN
14.	unknown hydrocarbon	25.75	45	J
15.	unknown hydrocarbon	26.09	44	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-2

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0384.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 27.5 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
75-71-8	Dichlorodifluoromethane	14	U	U
74-87-3	Chloromethane	14	U	U
75-01-4	Vinyl chloride	14	U	U
74-83-9	Bromomethane	14	U	U
75-00-3	Chloroethane	14	U	U
75-69-4	Trichlorofluoromethane	14	U	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	14	U	U
67-64-1	Acetone	14	U	U
75-35-4	1,1-Dichloroethene	14	U	U
79-20-9	Methyl Acetate	4	J	J
75-09-2	Methylene chloride	14	U	U
75-15-0	Carbon disulfide	14	U	U
1634-04-4	Methyl tert-Butyl Ether	14	U	U
156-60-5	trans-1,2-Dichloroethene	14	U	U
75-34-3	1,1-Dichloroethane	14	U	U
78-93-3	2-Butanone	14	U	U
156-59-2	cis-1,2-Dichloroethene	14	U	U
67-66-3	Chloroform	14	U	U
110-82-7	Cyclohexane	14	U	U
107-06-2	1,2-Dichloroethane	14	U	U
71-55-6	1,1,1-Trichloroethane	14	U	U
56-23-5	Carbon tetrachloride	14	U	U
71-43-2	Benzene	14	U	U
79-01-6	Trichloroethene	14	U	U
108-87-2	Methylcyclohexane	14	U	U
78-87-5	1,2-Dichloropropane	14	U	U
75-27-4	Bromodichloromethane	14	U	U
10061-01-5	cis-1,3-Dichloropropene	14	U	U
10061-02-6	trans-1,3-Dichloropropene	14	U	U
79-00-5	1,1,2-Trichloroethane	14	U	U
124-48-1	Dibromochloromethane	14	U	U
75-25-2	Bromoform	14	U	U
108-10-1	4-Methyl-2-pentanone	14	U	U
108-88-3	Toluene	14	U	U
591-78-6	2-Hexanone	14	U	U
127-18-4	Tetrachloroethene	14	U	U
106-93-4	1,2-Dibromoethane	14	U	U
108-90-7	Chlorobenzene	14	U	U
100-41-4	Ethylbenzene	14	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-2

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0384.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 27.5 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-38-3/106-42-3	(m+p)Xylene		14	U
95-47-6	o-Xylene		14	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-2

Lab Name: casloch Contract: bergman

Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3

Matrix: (soil/water) SOIL Lab Sample ID: 648814 1.0

Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0384.D

Level: (low/med) LOW Date Received: 06/20/03

% Moisture: not dec. 27.5 Date Analyzed: 06/24/03

GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000075-18-3	Dimethyl sulfide	5.98	19	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-2RE

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0463.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 27.5 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

75-71-8	Dichlorodifluoromethane		14	U
74-87-3	Chloromethane		14	U
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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		14	U
67-64-1	Acetone		14	U
75-35-4	1,1-Dichloroethene		14	U
79-20-9	Methyl Acetate		14	U
75-09-2	Methylene chloride		14	U
75-15-0	Carbon disulfide		14	U
1634-04-4	Methyl tert-Butyl Ether		14	U
156-60-5	trans-1,2-Dichloroethene		14	U
75-34-3	1,1-Dichloroethane		14	U
78-93-3	2-Butanone		14	U
156-59-2	cis-1,2-Dichloroethene		14	U
67-66-3	Chloroform		14	U
110-82-7	Cyclohexane		14	U
107-06-2	1,2-Dichloroethane		14	U
71-55-6	1,1,1-Trichloroethane		14	U
56-23-5	Carbon tetrachloride		14	U
71-43-2	Benzene		14	U
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
10061-02-6	trans-1,3-Dichloropropene		14	U
79-00-5	1,1,2-Trichloroethane		14	U
124-48-1	Dibromochloromethane		14	U
75-25-2	Bromoform		14	U
108-10-1	4-Methyl-2-pentanone		14	U
108-88-3	Toluene		14	U
591-78-6	2-Hexanone		14	U
127-18-4	Tetrachloroethene		14	U
106-93-4	1,2-Dibromoethane		14	U
108-90-7	Chlorobenzene		14	U
100-41-4	Ethylbenzene		14	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-2RE

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0463.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 27.5 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-38-3/106-42-3	(m+p)Xylene		14	U
95-47-6	o-Xylene		14	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-2RE

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0463.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 27.5 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	26.09	7	J
2.	unknown hydrocarbon	27.07	7	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-6

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0385.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 14.5 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		12	U
67-64-1	Acetone		12	U
75-35-4	1,1-Dichloroethene		12	U
79-20-9	Methyl Acetate		4	J
75-09-2	Methylene chloride		12	U
75-15-0	Carbon disulfide		12	U
1634-04-4	Methyl tert-Butyl Ether		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
75-34-3	1,1-Dichloroethane		12	U
78-93-3	2-Butanone		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
67-66-3	Chloroform		12	U
110-82-7	Cyclohexane		12	U
107-06-2	1,2-Dichloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
56-23-5	Carbon tetrachloride		12	U
71-43-2	Benzene		12	U
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
10061-02-6	trans-1,3-Dichloropropene		12	U
79-00-5	1,1,2-Trichloroethane		12	U
124-48-1	Dibromochloromethane		12	U
75-25-2	Bromoform		12	U
108-10-1	4-Methyl-2-pentanone		12	U
108-88-3	Toluene		12	U
591-78-6	2-Hexanone		12	U
127-18-4	Tetrachloroethene		12	U
106-93-4	1,2-Dibromoethane		12	U
108-90-7	Chlorobenzene		12	U
100-41-4	Ethylbenzene		12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-6

Lab Name: casloch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0385.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 14.5 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-38-3/106-42-3	(m+p)Xylene		12	U
95-47-6	o-Xylene		12	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-6

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0385.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 14.5 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COOLER BLK

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) WATER Lab Sample ID: 649407 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: 19779.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/28/03
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
67-64-1	Acetone		10	U J
75-35-4	1,1-Dichloroethene		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U J 91
75-15-0	Carbon disulfide		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U J
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U J 91
108-88-3	Toluene		10	U
591-78-6	2-Hexanone		10	U J
127-18-4	Tetrachloroethene		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COOLER BLK

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) WATER Lab Sample ID: 649407 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: I9779.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/28/03
 GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

COOLER BLK

Lab Name: cas\roch Contract: bergman
Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
Matrix: (soil/water) WATER Lab Sample ID: 649407 1.0
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: I9779.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 06/28/03
GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-13A

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650164 250.0
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0442.D
 Level: (low/med) MED Date Received: 06/18/03
 % Moisture: not dec. 10 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 2.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
75-71-8	Dichlorodifluoromethane	2800		U
74-87-3	Chloromethane	2800		U
75-01-4	Vinyl chloride	2800		U
74-83-9	Bromomethane	2800		U
75-00-3	Chloroethane	2800		U
75-69-4	Trichlorofluoromethane	2800		U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	2800		U
67-64-1	Acetone	2800		U J
75-35-4	1,1-Dichloroethene	2800		U
79-20-9	Methyl Acetate	2800		U
75-09-2	Methylene chloride	2800		U J
75-15-0	Carbon disulfide	2800		U
1634-04-4	Methyl tert-Butyl Ether	2800		U
156-60-5	trans-1,2-Dichloroethene	2800		U
75-34-3	1,1-Dichloroethane	2800		U
78-93-3	2-Butanone	2800		U J
156-59-2	cis-1,2-Dichloroethene	2800		U
67-66-3	Chloroform	2800		U
110-82-7	Cyclohexane	2800		U
107-06-2	1,2-Dichloroethane	2800		U
71-55-6	1,1,1-Trichloroethane	2800		U
56-23-5	Carbon tetrachloride	2800		U
71-43-2	Benzene	2800		U
79-01-6	Trichloroethene	2800		U
108-87-2	Methylcyclohexane	6000		
78-87-5	1,2-Dichloropropane	2800		U
75-27-4	Bromodichloromethane	2800		U
10061-01-5	cis-1,3-Dichloropropene	2800		U
10061-02-6	trans-1,3-Dichloropropene	2800		U
79-00-5	1,1,2-Trichloroethane	2800		U
124-48-1	Dibromochloromethane	2800		U
75-25-2	Bromoform	2800		U
108-10-1	4-Methyl-2-pentanone	2800		U J
108-88-3	Toluene	990		J
591-78-6	2-Hexanone	2800		U J
127-18-4	Tetrachloroethene	2800		U
106-93-4	1,2-Dibromoethane	2800		U
108-90-7	Chlorobenzene	2800		U
100-41-4	Ethylbenzene	12000		

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-13A

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650164 250.0
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0442.D
 Level: (low/med) MED Date Received: 06/18/03
 % Moisture: not dec. 10 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 2.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-38-3/106-42-3	(m+p)Xylene		52000	
95-47-6	o-Xylene		14000	
100-42-5	Styrene		2800	U
98-82-8	Isopropylbenzene		2400	J
79-34-5	1,1,2,2-Tetrachloroethane		2800	U
541-73-1	1,3-Dichlorobenzene		2800	U
106-46-7	1,4-Dichlorobenzene		2800	U
95-50-1	1,2-Dichlorobenzene		2800	U
96-12-8	1,2-Dibromo-3-chloropropane		2800	U
120-82-1	1,2,4-Trichlorobenzene		2800	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-13A

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650164 250.0
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0442.D
 Level: (low/med) MED Date Received: 06/18/03
 % Moisture: not dec. 10 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 2.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000078-78-4	Butane, 2-methyl-	4.45	17000	JN
2. 000107-83-5	Pentane, 2-methyl-	6.72	22000	JN
3. 000096-14-0	Pentane, 3-methyl-	7.18	15000	JN
4. 000110-54-3	Hexane	7.69	13000	JN
5. 000591-76-4	Hexane, 2-methyl-	9.93	15000	JN
6.	unknown hydrocarbon	10.08	14000	J
7. 000589-34-4	Hexane, 3-methyl-	10.24	18000	JN
8. 000611-14-3	Benzene, 1-ethyl-2-methyl-	19.76	39000	JN
9.	unknown aromatic hydrocarbon	19.82	14000	J
10. 000108-67-8	Benzene, 1,3,5-trimethyl-	19.94	25000	JN
11. 000611-14-3	Benzene, 1-ethyl-2-methyl-	20.37	15000	JN
12. 000095-63-6	Benzene, 1,2,4-trimethyl-	20.72	56000	JN
13. 000526-73-8	Benzene, 1,2,3-trimethyl-	21.60	16000	JN
14.	unknown aromatic hydrocarbon	22.03	16000	J
15. 000141-93-5	Benzene, 1,3-diethyl-	22.14	16000	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4

Lab Name: casloch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0386.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 15.9 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		12	U
67-64-1	Acetone		12	U
75-35-4	1,1-Dichloroethene		12	U
79-20-9	Methyl Acetate		12	U
75-09-2	Methylene chloride		12	U
75-15-0	Carbon disulfide		12	U
1634-04-4	Methyl tert-Butyl Ether		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
75-34-3	1,1-Dichloroethane		12	U
78-93-3	2-Butanone		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
67-66-3	Chloroform		12	U
110-82-7	Cyclohexane		12	U
107-06-2	1,2-Dichloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
56-23-5	Carbon tetrachloride		12	U
71-43-2	Benzene		12	U
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
10061-02-6	trans-1,3-Dichloropropene		12	U
79-00-5	1,1,2-Trichloroethane		12	U
124-48-1	Dibromochloromethane		12	U
75-25-2	Bromoform		12	U
108-10-1	4-Methyl-2-pentanone		12	U
108-88-3	Toluene		12	U
591-78-6	2-Hexanone		12	U
127-18-4	Tetrachloroethene		12	U
106-93-4	1,2-Dibromoethane		12	U
108-90-7	Chlorobenzene		12	U
100-41-4	Ethylbenzene		12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 1.0
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0386.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 15.9 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-38-3/106-42-3	(m+p)Xylene		12	U
95-47-6	o-Xylene		12	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-4

Lab Name: cas\roch Contract: bergman

Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3

Matrix: (soil/water) SOIL Lab Sample ID: 650718 1.0

Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0386.D

Level: (low/med) LOW Date Received: 06/20/03

% Moisture: not dec. 15.9 Date Analyzed: 06/24/03

GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	21.61	6	JN
2. 000768-00-3	Benzene, (1-methyl-1-propenyl)-,	24.82	7	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-3

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648807 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD617.D
 Level: (low/med) LOW Date Received: 6/17/03
 % Moisture: 19.1 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	410		U
111-44-4	bis(-2-Chloroethyl)Ether	410		U
95-57-8	2-Chlorophenol	410		U
541-73-1	1,3-Dichlorobenzene	410		U
106-46-7	1,4-Dichlorobenzene	410		U
95-50-1	1,2-Dichlorobenzene	410		U
108-60-1	2,2'-oxybis(1-Chloropropane)	410		U
95-48-7	2-Methylphenol	410		U
621-24-7	N-Nitroso-Di-n-propylamine	410		U J
67-72-1	Hexachloroethane	410		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	410		U
91-20-3	Naphthalene	410		U
106-47-8	4-Chloroaniline	410		U
87-68-3	Hexachlorobutadiene	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
91-58-7	2-Chloronaphthalene	410		U
88-74-4	2-Nitroaniline	1000		U
208-96-8	Acenaphthylene	410		U
131-11-3	Dimethyl Phthalate	410		U
606-20-2	2,6-Dinitrotoluene	410		U
83-32-9	Acenaphthene	410		U
99-09-2	3-Nitroaniline	1000		U
51-28-5	2,4-Dinitrophenol	1000		U
132-64-9	Dibenzofuran	410		U
121-14-2	2,4-Dinitrotoluene	410		U
100-02-7	4-Nitrophenol	1000		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-3

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648807 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD617.D
 Level: (low/med) LOW Date Received: 6/17/03
 % Moisture: 19.1 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	410		U
7005-72-3	4-Chlorophenyl-phenylether	410		U
84-66-2	Diethylphthalate	410		U
100-01-6	4-Nitroaniline	1000		U
534-52-1	4,6-Dinitro-2-methylphenol	1000		U
86-30-6	N-Nitrosodiphenylamine	410		U
101-55-3	4-Bromophenyl-phenylether	410		U
118-74-1	Hexachlorobenzene	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	83		J
206-44-0	Fluoranthene	42		J
129-00-0	Pyrene	410		U
85-68-7	Butyl benzyl phthalate	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	110	JB U
117-84-0	Di-n-octyl phthalate	410	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	Dibenz(a,h)anthracene	410		U
191-24-2	Benzo(g,h,i)Perylene	410		U
100-52-7	Benzaldehyde	410		U
98-86-2	Acetophenone	410		U
105-60-2	Caprolactam	1000		U
92-52-4	Biphenyl	410		U
1912-24-9	Atrazine	410		U
024624-29-1	2-Ethylanthroquinone	410		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-3

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648807 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD617.D
 Level: (low/med) LOW Date Received: 6/17/03
 % Moisture: 19.1 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8

CONCENTRATION UNITS:

Number TICs found: 13 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.27	280	J B
2.	unknown	4.33	140	J B
3.	000103-82-2 Benzeneacetic acid	8.11	210	JN
4.	unknown hydrocarbon	10.46	280	J B
5.	unknown	15.75	100	J
6.	unknown	16.43	320	J
7.	unknown	17.74	130	J
8.	unknown	19.52	99	J
9.	unknown	19.64	340	J
10.	unknown	20.96	210	J
11.	unknown	22.45	130	J
12.	unknown	24.46	85	J
13.	unknown	27.18	100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648809 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD577.D
 Level: (low/med) LOW Date Received: 6/16/03
 % Moisture: 14.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.14

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(-2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
95-48-7	2-Methylphenol	390	U
621-24-7	N-Nitroso-Di-n-propylamine	390	U J
67-72-1	Hexachloroethane	390	U
106-44-5	4-Methylphenol	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(-2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
208-96-8	Acenaphthylene	390	U
131-11-3	Dimethyl Phthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
83-32-9	Acenaphthene	390	U
99-09-2	3-Nitroaniline	980	U
51-28-5	2,4-Dinitrophenol	980	U J
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
100-02-7	4-Nitrophenol	980	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648809 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD577.D
 Level: (low/med) LOW Date Received: 6/16/03
 % Moisture: 14.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.14

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	390		U
7005-72-3	4-Chlorophenyl-phenylether	390		U
84-66-2	Diethylphthalate	390		U
100-01-6	4-Nitroaniline	980		U
534-52-1	4,6-Dinitro-2-methylphenol	980		U
86-30-6	N-Nitrosodiphenylamine	390		U
101-55-3	4-Bromophenyl-phenylether	390		U
118-74-1	Hexachlorobenzene	390		U
87-86-5	Pentachlorophenol	980		U
85-01-8	Phenanthrene	40		J
120-12-7	Anthracene	390		U
86-74-8	Carbazole	390		U
84-74-2	Di-n-Butylphthalate	110		J
206-44-0	Fluoranthene	110		J
129-00-0	Pyrene	110		J
85-68-7	Butyl benzyl phthalate	390		U
91-94-1	3,3'-Dichlorobenzidine	390		U
56-55-3	Benzo(a)Anthracene	65		J
218-01-9	Chrysene	78		J
117-81-7	Bis(2-Ethylhexyl)Phthalate	390	100	JB-U
117-84-0	Di-n-octyl phthalate	390		U
205-99-2	Benzo(b)fluoranthene	86		J
207-08-9	Benzo(k)Fluoranthene	59		J
50-32-8	Benzo(a)Pyrene	47		J
193-39-5	Indeno(1,2,3-cd)Pyrene	45		J
53-70-3	Dibenz(a,h)anthracene	390		U
191-24-2	Benzo(g,h,i)Perylene	390		U
100-52-7	Benzaldehyde	390		U
98-86-2	Acetophenone	390		U
105-60-2	Caprolactam	980		U
92-52-4	Biphenyl	390		U
1912-24-9	Atrazine	390		U
024624-29-1	2-Ethylanthroquinone	390		U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648809 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD577.D
 Level: (low/med) LOW Date Received: 6/16/03
 % Moisture: 14.9 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.14

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.17	91	J
2.	unknown	4.27	320	J B
3.	unknown	4.34	130	J B
4.	unknown hydrocarbon	10.44	260	J B
5.	unknown	12.86	240	J
6.	unknown	16.43	360	J
7.	unknown	19.64	180	J
8.	unknown	20.91	120	J
9.	unknown	21.61	94	J
10.	unknown	21.67	80	J
11.	007735-42-4 1,16-Hexadecanediol	22.01	310	JN
12.	unknown	22.56	9600	J
13.	unknown	23.94	130	J
14.	unknown hydrocarbon	24.46	170	J
15.	unknown	24.70	120	J
16.	unknown	24.73	120	J
17.	unknown	26.51	150	J
18.	unknown hydrocarbon	27.17	97	J

R
R
R

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD DUP#1 TT-3 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648810 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD672.D
 Level: (low/med) LOW Date Received: 6/17/03
 % Moisture: 16.2 decanted:(Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/12/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.03

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	400	U	✓
111-44-4	bis(-2-Chloroethyl)Ether	400	U	
95-57-8	2-Chlorophenol	400	U	
541-73-1	1,3-Dichlorobenzene	400	U	
106-46-7	1,4-Dichlorobenzene	400	U	
95-50-1	1,2-Dichlorobenzene	400	U	
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U	
95-48-7	2-Methylphenol	400	U	
621-24-7	N-Nitroso-Di-n-propylamine	400	U	
67-72-1	Hexachloroethane	400	U	
106-44-5	4-Methylphenol	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	
120-82-1	1,2,4-Trichlorobenzene	400	U	
91-20-3	Naphthalene	400	U	
106-47-8	4-Chloroaniline	400	U	
87-68-3	Hexachlorobutadiene	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	990	U	
91-58-7	2-Chloronaphthalene	400	U	
88-74-4	2-Nitroaniline	990	U	
208-96-8	Acenaphthylene	400	U	
131-11-3	Dimethyl Phthalate	400	U	
606-20-2	2,6-Dinitrotoluene	400	U	
83-32-9	Acenaphthene	400	U	
99-09-2	3-Nitroaniline	990	U	
51-28-5	2,4-Dinitrophenol	990	U	
132-64-9	Dibenzofuran	400	U	
121-14-2	2,4-Dinitrotoluene	400	U	
100-02-7	4-Nitrophenol	990	U	✓

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD **DUP#1 TT-3 RE**

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648810 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD672.D
 Level: (low/med) LOW Date Received: 6/17/03
 % Moisture: 16.2 decanted:(Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/12/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.03

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	400		U J
7005-72-3	4-Chlorophenyl-phenylether	400		U
84-66-2	Diethylphthalate	400		U
100-01-6	4-Nitroaniline	990		U
534-52-1	4,6-Dinitro-2-methylphenol	990		U
86-30-6	N-Nitrosodiphenylamine	400		U
101-55-3	4-Bromophenyl-phenylether	400		U
118-74-1	Hexachlorobenzene	400		U
87-86-5	Pentachlorophenol	990		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	400	JBU J
206-44-0	Fluoranthene	400		U J
129-00-0	Pyrene	400		U
85-68-7	Butyl benzyl phthalate	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-octyl phthalate	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	Dibenz(a,h)anthracene	400		U
191-24-2	Benzo(g,h,i)Perylene	400		U
100-52-7	Benzaldehyde	400		U
98-86-2	Acetophenone	400		U
105-60-2	Caprolactam	990		U
92-52-4	Biphenyl	400		U
1912-24-9	Atrazine	400		U
024624-29-1	2-Ethylanthroquinone	400		U ✓

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUP#1 TT-3 RE

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3

Matrix: (soil/water) SOIL Lab Sample ID: 648810 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AD672.D

Level: (low/med) LOW Date Received: 6/17/03

% Moisture: 16.2 decanted: (Y/N) N Date Extracted: 7/3/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/12/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.03

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.13	110	J
2.	unknown	4.23	170	JB
3.	unknown	4.29	140	JB
4.	unknown siloxane	6.71	91	J
5.	unknown hydrocarbon	10.40	180	JB
6.	unknown	20.88	200	J
7.	unknown	22.30	1200	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FOUNDATION#1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD594.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 20.6 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	420		U
111-44-4	bis(-2-Chloroethyl)Ether	420		U
95-57-8	2-Chlorophenol	420		U
541-73-1	1,3-Dichlorobenzene	420		U
106-46-7	1,4-Dichlorobenzene	420		U
95-50-1	1,2-Dichlorobenzene	420		U
108-60-1	2,2'-oxybis(1-Chloropropane)	420		U
95-48-7	2-Methylphenol	420		U
621-24-7	N-Nitroso-Di-n-propylamine	420		U J
67-72-1	Hexachloroethane	420		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	420		U
91-20-3	Naphthalene	420		U
106-47-8	4-Chloroaniline	420		U
87-68-3	Hexachlorobutadiene	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
91-58-7	2-Chloronaphthalene	420		U
88-74-4	2-Nitroaniline	1100		U
208-96-8	Acenaphthylene	420		U
131-11-3	Dimethyl Phthalate	420		U
606-20-2	2,6-Dinitrotoluene	420		U
83-32-9	Acenaphthene	420		U
99-09-2	3-Nitroaniline	1100		U
51-28-5	2,4-Dinitrophenol	1100		U J
132-64-9	Dibenzofuran	420		U
121-14-2	2,4-Dinitrotoluene	420		U
100-02-7	4-Nitrophenol	1100		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FOUNDATION#1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD594.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 20.6 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	420		U
7005-72-3	4-Chlorophenyl-phenylether	420		U
84-66-2	Diethylphthalate	420		U
100-01-6	4-Nitroaniline	1100		U
534-52-1	4,6-Dinitro-2-methylphenol	1100		U
86-30-6	N-Nitrosodiphenylamine	420		U
101-55-3	4-Bromophenyl-phenylether	420		U
118-74-1	Hexachlorobenzene	420		U
87-86-5	Pentachlorophenol	1100		U
85-01-8	Phenanthrene	190		J
120-12-7	Anthracene	420		U
86-74-8	Carbazole	420		U
84-74-2	Di-n-Butylphthalate	140		J
206-44-0	Fluoranthene	340		J
129-00-0	Pyrene	190		J
85-68-7	Butyl benzyl phthalate	420		U
91-94-1	3,3'-Dichlorobenzidine	420		U
56-55-3	Benzo(a)Anthracene	130		J
218-01-9	Chrysene	130		J
117-81-7	Bis(2-Ethylhexyl)Phthalate	420	110	JB U
117-84-0	Di-n-octyl phthalate	420		U
205-99-2	Benzo(b)fluoranthene	120		J
207-08-9	Benzo(k)Fluoranthene	78		J
50-32-8	Benzo(a)Pyrene	94		J
193-39-5	Indeno(1,2,3-cd)Pyrene	80		J
53-70-3	Dibenz(a,h)anthracene	420		U
191-24-2	Benzo(g,h,i)Perylene	88		J
100-52-7	Benzaldehyde	420		U
98-86-2	Acetophenone	420		U
105-60-2	Caprolactam	1100		U
92-52-4	Biphenyl	420		U
1912-24-9	Atrazine	420		U
024624-29-1	2-Ethylanthroquinone	420		U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.
TENTATIVELY IDENTIFIED COMPOUNDS

FOUNDATION#1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD594.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 20.6 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.26

CONCENTRATION UNITS:

Number TICs found: 14 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.27	120	J-B R
2.	unknown	4.33	110	J-B R
3.	unknown	6.58	96	J
4.	unknown hydrocarbon	7.54	88	J
5.	unknown hydrocarbon	7.66	240	J
6.	unknown hydrocarbon	8.26	220	J
7.	unknown	8.55	99	J
8.	unknown	9.35	170	J
9.	unknown hydrocarbon	10.45	450	J-B R
10.	006380-71-8 Propanoic acid, 3-mercapto-, dod	15.75	240	JN
11.	unknown	16.43	280	J
12.	unknown	22.46	190	J
13.	unknown	24.47	160	J
14.	unknown	26.60	130	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FOUNDATION#1 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD608.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 20.6 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	420		U
111-44-4	bis(-2-Chloroethyl)Ether	420		U
95-57-8	2-Chlorophenol	420		U
541-73-1	1,3-Dichlorobenzene	420		U
106-46-7	1,4-Dichlorobenzene	420		U
95-50-1	1,2-Dichlorobenzene	420		U
108-60-1	2,2'-oxybis(1-Chloropropane)	420		U
95-48-7	2-Methylphenol	420		U
621-24-7	N-Nitroso-Di-n-propylamine	420		U
67-72-1	Hexachloroethane	420		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	420		U
91-20-3	Naphthalene	420		U
106-47-8	4-Chloroaniline	420		U
87-68-3	Hexachlorobutadiene	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
91-58-7	2-Chloronaphthalene	420		U
88-74-4	2-Nitroaniline	1100		U
208-96-8	Acenaphthylene	420		U
131-11-3	Dimethyl Phthalate	420		U
606-20-2	2,6-Dinitrotoluene	420		U
83-32-9	Acenaphthene	420		U
99-09-2	3-Nitroaniline	1100		U
51-28-5	2,4-Dinitrophenol	1100		U
132-64-9	Dibenzofuran	420		U
121-14-2	2,4-Dinitrotoluene	420		U
100-02-7	4-Nitrophenol	1100		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FOUNDATION#1 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD608.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 20.6 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.26

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		420	U
7005-72-3	4-Chlorophenyl-phenylether		420	U
84-66-2	Diethylphthalate		420	U
100-01-6	4-Nitroaniline		1100	U
534-52-1	4,6-Dinitro-2-methylphenol		1100	U
86-30-6	N-Nitrosodiphenylamine		420	U
101-55-3	4-Bromophenyl-phenylether		420	U
118-74-1	Hexachlorobenzene		420	U
87-86-5	Pentachlorophenol		1100	U
85-01-8	Phenanthrene		180	J
120-12-7	Anthracene		43	J
86-74-8	Carbazole		420	U
84-74-2	Di-n-Butylphthalate		140	J
206-44-0	Fluoranthene		350	J
129-00-0	Pyrene		190	J
85-68-7	Butyl benzyl phthalate		420	U
91-94-1	3,3'-Dichlorobenzidine		420	U
56-55-3	Benzo(a)Anthracene		130	J
218-01-9	Chrysene		130	J
117-81-7	Bis(2-Ethylhexyl)Phthalate	420	410	JB-U
117-84-0	Di-n-octyl phthalate		420	U
205-99-2	Benzo(b)fluoranthene		110	J
207-08-9	Benzo(k)Fluoranthene		77	J
50-32-8	Benzo(a)Pyrene		96	J
193-39-5	Indeno(1,2,3-cd)Pyrene		70	J
53-70-3	Dibenz(a,h)anthracene		420	U
191-24-2	Benzo(g,h,i)Perylene		74	J
100-52-7	Benzaldehyde		420	U
98-86-2	Acetophenone		420	U
105-60-2	Caprolactam		1100	U
92-52-4	Biphenyl		420	U
1912-24-9	Atrazine		420	U
024624-29-1	2-Ethylanthroquinone		420	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FOUNDATION#1 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648813 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD608.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 20.6 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.26

CONCENTRATION UNITS:

Number TICs found: 17 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>unknown</u>	<u>4.27</u>	<u>120</u>	<u>J B</u>
2.	<u>unknown</u>	<u>4.33</u>	<u>140</u>	<u>J B</u>
3.	<u>unknown</u>	<u>6.58</u>	<u>100</u>	<u>J</u>
4.	<u>unknown</u>	<u>7.54</u>	<u>84</u>	<u>J</u>
5.	<u>unknown hydrocarbon</u>	<u>7.66</u>	<u>240</u>	<u>J</u>
6.	<u>unknown hydrocarbon</u>	<u>8.26</u>	<u>210</u>	<u>J</u>
7.	<u>unknown hydrocarbon</u>	<u>8.56</u>	<u>86</u>	<u>J</u>
8.	<u>unknown hydrocarbon</u>	<u>9.35</u>	<u>120</u>	<u>J</u>
9.	<u>unknown hydrocarbon</u>	<u>10.45</u>	<u>490</u>	<u>J</u>
10.	<u>unknown</u>	<u>15.14</u>	<u>150</u>	<u>J</u>
11.	<u>006380-71-8 Propanoic acid, 3-mercapto-, dod</u>	<u>15.76</u>	<u>370</u>	<u>JN</u>
12.	<u>unknown</u>	<u>15.88</u>	<u>120</u>	<u>J</u>
13.	<u>unknown</u>	<u>16.44</u>	<u>290</u>	<u>J</u>
14.	<u>unknown</u>	<u>19.41</u>	<u>1200</u>	<u>J</u>
15.	<u>unknown</u>	<u>19.43</u>	<u>980</u>	<u>J</u>
16.	<u>unknown</u>	<u>22.56</u>	<u>3300</u>	<u>J</u>
17.	<u>unknown</u>	<u>26.61</u>	<u>110</u>	<u>J</u>

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-2

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD620.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 27.4 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 *(10.0 to 7/2/03)*
 GPC Cleanup: (Y/N) Y pH: 7.21

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	4600		U
111-44-4	bis(-2-Chloroethyl)Ether	4600		U
95-57-8	2-Chlorophenol	4600		U
541-73-1	1,3-Dichlorobenzene	4600		U
106-46-7	1,4-Dichlorobenzene	4600		U
95-50-1	1,2-Dichlorobenzene	4600		U
108-60-1	2,2'-oxybis(1-Chloropropane)	4600		U
95-48-7	2-Methylphenol	4600		U
621-24-7	N-Nitroso-Di-n-propylamine	4600		U J
67-72-1	Hexachloroethane	4600		U
106-44-5	4-Methylphenol	4600		U
98-95-3	Nitrobenzene	4600		U
78-59-1	Isophorone	4600		U
88-75-5	2-Nitrophenol	4600		U
105-67-9	2,4-Dimethylphenol	4600		U
111-91-1	bis(-2-Chloroethoxy)Methane	4600		U
120-83-2	2,4-Dichlorophenol	4600		U
120-82-1	1,2,4-Trichlorobenzene	4600		U
91-20-3	Naphthalene	470		J
106-47-8	4-Chloroaniline	4600		U
87-68-3	Hexachlorobutadiene	4600		U
59-50-7	4-Chloro-3-methylphenol	4600		U
91-57-6	2-Methylnaphthalene	4600		U
77-47-4	Hexachlorocyclopentadiene	4600		U
88-06-2	2,4,6-Trichlorophenol	4600		U
95-95-4	2,4,5-Trichlorophenol	11000		U
91-58-7	2-Chloronaphthalene	4600		U
88-74-4	2-Nitroaniline	11000		U
208-96-8	Acenaphthylene	4600		U
131-11-3	Dimethyl Phthalate	4600		U
606-20-2	2,6-Dinitrotoluene	4600		U
83-32-9	Acenaphthene	810		J
99-09-2	3-Nitroaniline	11000		U
51-28-5	2,4-Dinitrophenol	11000		U
132-64-9	Dibenzofuran	550		J
121-14-2	2,4-Dinitrotoluene	4600		U
100-02-7	4-Nitrophenol	11000		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-2

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD620.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 27.4 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 10.0 (w/7/9/03)
 GPC Cleanup: (Y/N) Y pH: 7.21

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	790		J
7005-72-3	4-Chlorophenyl-phenylether	4600		U
84-66-2	Diethylphthalate	4600		U
100-01-6	4-Nitroaniline	11000		U
534-52-1	4,6-Dinitro-2-methylphenol	11000		U
86-30-6	N-Nitrosodiphenylamine	4600		U
101-55-3	4-Bromophenyl-phenylether	4600		U
118-74-1	Hexachlorobenzene	4600		U
87-86-5	Pentachlorophenol	11000		U
85-01-8	Phenanthrene	7900		
120-12-7	Anthracene	1400		J
86-74-8	Carbazole	930		J
84-74-2	Di-n-Butylphthalate	4600		U
206-44-0	Fluoranthene	9700		
129-00-0	Pyrene	6900		
85-68-7	Butyl benzyl phthalate	4600		U
91-94-1	3,3'-Dichlorobenzidine	4600		U
56-55-3	Benzo(a)Anthracene	3400		J
218-01-9	Chrysene	4000		J
117-81-7	Bis(2-Ethylhexyl)Phthalate	4600		U
117-84-0	Di-n-octyl phthalate	4600		U
205-99-2	Benzo(b)fluoranthene	4300		J
207-08-9	Benzo(k)Fluoranthene	1900		J
50-32-8	Benzo(a)Pyrene	3000		J
193-39-5	Indeno(1,2,3-cd)Pyrene	2900		J
53-70-3	Dibenz(a,h)anthracene	820		J
191-24-2	Benzo(g,h,i)Perylene	1100		J
100-52-7	Benzaldehyde	4600		U
98-86-2	Acetophenone	4600		U
105-60-2	Caprolactam	11000		U
92-52-4	Biphenyl	4600		U
1912-24-9	Atrazine	4600		U
024624-29-1	2-Ethylanthroquinone	4600		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-2

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648814 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD620.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 27.4 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0^{10.0} for 7/9/03
 GPC Cleanup: (Y/N) Y pH: 7.21

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 1000132-04-1	Formic acid, decyl ester	10.47	2300	JN
2. 002531-84-2	Phenanthrene, 2-methyl-	15.28	1400	JN
3. 000203-64-5	4H-Cyclopenta[def]phenanthrene	15.49	2300	JN
4. 006380-71-8	Propanoic acid, 3-mercapto-, dod	15.76	1800	JN
5.	unknown	15.97	1100	J
6.	unknown	16.44	1000	J
7.	unknown hydrocarbon	20.84	2100	J
8.	unknown hydrocarbon	22.45	6100	J
9. 000192-97-2	Benzo[e]pyrene	23.48	3700	JN
10.	unknown	23.96	2000	J
11.	unknown	24.39	1700	J
12.	unknown hydrocarbon	24.48	9900	J
13.	unknown	24.74	1500	J
14.	unknown	25.73	1000	J
15.	unknown	25.95	2200	J
16.	unknown hydrocarbon	26.55	7400	J
17.	unknown	27.20	3800	J
18.	unknown	27.62	1600	J
19.	unknown	27.96	950	J
20.	unknown	29.05	1800	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-6

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD580.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 14.5 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	390		U
111-44-4	bis(-2-Chloroethyl)Ether	390		U
95-57-8	2-Chlorophenol	390		U
541-73-1	1,3-Dichlorobenzene	390		U
106-46-7	1,4-Dichlorobenzene	390		U
95-50-1	1,2-Dichlorobenzene	390		U
108-60-1	2,2'-oxybis(1-Chloropropane)	390		U
95-48-7	2-Methylphenol	390		U
621-24-7	N-Nitroso-Di-n-propylamine	390		U J
67-72-1	Hexachloroethane	390		U
106-44-5	4-Methylphenol	390		U
98-95-3	Nitrobenzene	390		U
78-59-1	Isophorone	390		U
88-75-5	2-Nitrophenol	390		U
105-67-9	2,4-Dimethylphenol	390		U
111-91-1	bis(-2-Chloroethoxy)Methane	390		U
120-83-2	2,4-Dichlorophenol	390		U
120-82-1	1,2,4-Trichlorobenzene	390		U
91-20-3	Naphthalene	390		U
106-47-8	4-Chloroaniline	390		U
87-68-3	Hexachlorobutadiene	390		U
59-50-7	4-Chloro-3-methylphenol	390		U
91-57-6	2-Methylnaphthalene	390		U
77-47-4	Hexachlorocyclopentadiene	390		U
88-06-2	2,4,6-Trichlorophenol	390		U
95-95-4	2,4,5-Trichlorophenol	980		U
91-58-7	2-Chloronaphthalene	390		U
88-74-4	2-Nitroaniline	980		U
208-96-8	Acenaphthylene	60		J
131-11-3	Dimethyl Phthalate	390		U
606-20-2	2,6-Dinitrotoluene	390		U
83-32-9	Acenaphthene	42		J
99-09-2	3-Nitroaniline	980		U
51-28-5	2,4-Dinitrophenol	980		U J
132-64-9	Dibenzofuran	390		U
121-14-2	2,4-Dinitrotoluene	390		U
100-02-7	4-Nitrophenol	980		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-6

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD580.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 14.5 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		75	J
7005-72-3	4-Chlorophenyl-phenylether		390	U
84-66-2	Diethylphthalate		390	U
100-01-6	4-Nitroaniline		980	U
534-52-1	4,6-Dinitro-2-methylphenol		980	U
86-30-6	N-Nitrosodiphenylamine		390	U
101-55-3	4-Bromophenyl-phenylether		390	U
118-74-1	Hexachlorobenzene		390	U
87-86-5	Pentachlorophenol		980	U
85-01-8	Phenanthrene		1100	
120-12-7	Anthracene		310	J
86-74-8	Carbazole		97	J
84-74-2	Di-n-Butylphthalate		83	J
206-44-0	Fluoranthene		2500	
129-00-0	Pyrene		1500	
85-68-7	Butyl benzyl phthalate		85	J
91-94-1	3,3'-Dichlorobenzidine		390	U
56-55-3	Benzo(a)Anthracene		860	
218-01-9	Chrysene		920	J
117-81-7	Bis(2-Ethylhexyl)Phthalate	390	380	JB U
117-84-0	Di-n-octyl phthalate		390	U
205-99-2	Benzo(b)fluoranthene		910	J
207-08-9	Benzo(k)Fluoranthene		620	J
50-32-8	Benzo(a)Pyrene		740	J
193-39-5	Indeno(1,2,3-cd)Pyrene		640	J
53-70-3	Dibenz(a,h)anthracene		180	J
191-24-2	Benzo(g,h,i)Perylene		210	J
100-52-7	Benzaldehyde		390	U
98-86-2	Acetophenone		390	U
105-60-2	Caprolactam		980	U
92-52-4	Biphenyl		390	U
1912-24-9	Atrazine		390	U
024624-29-1	2-Ethylanthroquinone		390	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-6

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD580.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 14.5 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

Number TICs found: 29 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.27	820	J B
2.	unknown hydrocarbon	10.44	340	J B
3.	000057-10-3 n-Hexadecanoic acid	15.15	690	JN
4.	unknown	15.48	310	J
5.	006380-71-8 Propanoic acid, 3-mercapto-, dod	15.75	280	JN
6.	000057-11-4 Octadecanoic acid	16.88	270	JN
7.	unknown hydrocarbon	17.95	280	J
8.	unknown	19.37	720	J
9.	unknown hydrocarbon	19.43	630	J
10.	unknown hydrocarbon	20.85	700	J
11.	unknown	20.91	240	J
12.	unknown	22.02	420	J
13.	unknown	22.22	320	J
14.	unknown hydrocarbon	22.46	7700	J
15.	unknown	22.53	1500	J
16.	unknown hydrocarbon	22.56	2100	J
17.	unknown	22.94	300	J
18.	000192-97-2 Benzo[e]pyrene	23.47	680	JN
19.	unknown hydrocarbon	24.47	860	J
20.	unknown hydrocarbon	24.68	310	J
21.	unknown	25.42	250	J
22.	unknown	25.90	520	J
23.	unknown	26.54	480	J
24.	unknown hydrocarbon	27.20	530	J
25.	unknown	27.49	730	J
26.	unknown	27.90	830	J
27.	000226-88-0 Benzo[a]naphthacene	28.14	290	JN
28.	000083-47-6 .gamma.-Sitosterol	28.99	5100	JN
29.	unknown	29.26	690	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SSU-6 RE

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3

Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AD596.D

Level: (low/med) LOW Date Received: 6/20/03

% Moisture: 14.5 decanted:(Y/N) N Date Extracted: 6/25/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	390		U
111-44-4	bis(-2-Chloroethyl)Ether	390		U
95-57-8	2-Chlorophenol	390		U
541-73-1	1,3-Dichlorobenzene	390		U
106-46-7	1,4-Dichlorobenzene	390		U
95-50-1	1,2-Dichlorobenzene	390		U
108-60-1	2,2'-oxybis(1-Chloropropane)	390		U
95-48-7	2-Methylphenol	390		U
621-24-7	N-Nitroso-Di-n-propylamine	390		U
67-72-1	Hexachloroethane	390		U
106-44-5	4-Methylphenol	390		U
98-95-3	Nitrobenzene	390		U
78-59-1	Isophorone	390		U
88-75-5	2-Nitrophenol	390		U
105-67-9	2,4-Dimethylphenol	390		U
111-91-1	bis(-2-Chloroethoxy)Methane	390		U
120-83-2	2,4-Dichlorophenol	390		U
120-82-1	1,2,4-Trichlorobenzene	390		U
91-20-3	Naphthalene	390		U
106-47-8	4-Chloroaniline	390		U
87-68-3	Hexachlorobutadiene	390		U
59-50-7	4-Chloro-3-methylphenol	390		U
91-57-6	2-Methylnaphthalene	390		U
77-47-4	Hexachlorocyclopentadiene	390		U
88-06-2	2,4,6-Trichlorophenol	390		U
95-95-4	2,4,5-Trichlorophenol	980		U
91-58-7	2-Chloronaphthalene	390		U
88-74-4	2-Nitroaniline	980		U
208-96-8	Acenaphthylene	83		J
131-11-3	Dimethyl Phthalate	390		U
606-20-2	2,6-Dinitrotoluene	390		U
83-32-9	Acenaphthene	48		J
99-09-2	3-Nitroaniline	980		U
51-28-5	2,4-Dinitrophenol	980		U
132-64-9	Dibenzofuran	390		U
121-14-2	2,4-Dinitrotoluene	390		U
100-02-7	4-Nitrophenol	980		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-6 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD596.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 14.5 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		77	J
7005-72-3	4-Chlorophenyl-phenylether		390	U
84-66-2	Diethylphthalate		390	U
100-01-6	4-Nitroaniline		980	U
534-52-1	4,6-Dinitro-2-methylphenol		980	U
86-30-6	N-Nitrosodiphenylamine		390	U
101-55-3	4-Bromophenyl-phenylether		390	U
118-74-1	Hexachlorobenzene		390	U
87-86-5	Pentachlorophenol		980	U
85-01-8	Phenanthrene		1100	
120-12-7	Anthracene		330	J
86-74-8	Carbazole		110	J
84-74-2	Di-n-Butylphthalate		84	J
206-44-0	Fluoranthene		2700	
129-00-0	Pyrene		1300	
85-68-7	Butyl benzyl phthalate		77	J
91-94-1	3,3'-Dichlorobenzidine		390	U
56-55-3	Benzo(a)Anthracene		900	
218-01-9	Chrysene		970	
117-81-7	Bis(2-Ethylhexyl)Phthalate		350	JB
117-84-0	Di-n-octyl phthalate		390	U
205-99-2	Benzo(b)fluoranthene		1200	
207-08-9	Benzo(k)Fluoranthene		740	
50-32-8	Benzo(a)Pyrene		750	
193-39-5	Indeno(1,2,3-cd)Pyrene		640	
53-70-3	Dibenz(a,h)anthracene		190	J
191-24-2	Benzo(g,h,i)Perylene		210	J
100-52-7	Benzaldehyde		390	U
98-86-2	Acetophenone		390	U
105-60-2	Caprolactam		980	U
92-52-4	Biphenyl		390	U
1912-24-9	Atrazine		390	U
024624-29-1	2-Ethylanthroquinone		390	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.
TENTATIVELY IDENTIFIED COMPOUNDS

SSU-6 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 648817 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD596.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 14.5 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.54

CONCENTRATION UNITS:

Number TICs found: 29 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.26	250	J B
2.	unknown hydrocarbon	10.44	390	J
3. 000112-80-1	Oleic Acid	15.07	260	JN
4. 000057-10-3	n-Hexadecanoic acid	15.14	850	JN
5. 000949-41-7	1H-Cyclopropa[1]phenanthrene,1	15.20	220	JN
6.	unknown	15.47	440	J
7. 006380-71-8	Propanoic acid, 3-mercapto-, dod	15.75	440	JN
8. 000084-65-1	9,10-Anthracenedione	15.94	180	JN
9.	unknown	16.43	180	J
10.	unknown	16.53	250	J
11.	unknown	16.68	190	J
12. 000057-11-4	Octadecanoic acid	16.87	260	JN
13.	unknown hydrocarbon	17.94	330	J
14.	unknown hydrocarbon	19.43	380	J
15.	unknown hydrocarbon	20.84	1100	J
16.	unknown	20.91	330	J
17. 007390-81-0	Oxirane, hexadecyl-	22.01	430	JN
18.	unknown hydrocarbon	22.45	5400	J
19.	unknown	22.57	2000	J
20.	unknown	22.93	360	J
21. 000192-97-2	Benzo[e]pyrene	23.47	670	JN
22.	unknown hydrocarbon	24.46	760	J
23. 000661-19-8	1-Docosanol	24.67	280	JN
24.	unknown	25.90	360	J
25.	unknown	26.52	370	J
26.	unknown	27.18	330	J
27.	unknown	27.90	780	J
28. 000083-47-6	.gamma.-Sitosterol	28.99	4600	JN
29.	unknown	29.26	520	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-13A

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650164 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD581.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 10 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	370		U
111-44-4	bis(-2-Chloroethyl)Ether	370		U
95-57-8	2-Chlorophenol	370		U
541-73-1	1,3-Dichlorobenzene	370		U
106-46-7	1,4-Dichlorobenzene	370		U
95-50-1	1,2-Dichlorobenzene	370		U
108-60-1	2,2'-oxybis(1-Chloropropane)	370		U
95-48-7	2-Methylphenol	370		U
621-24-7	N-Nitroso-Di-n-propylamine	370		U J
67-72-1	Hexachloroethane	370		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	370		U
91-20-3	Naphthalene	370		U
106-47-8	4-Chloroaniline	370		U
87-68-3	Hexachlorobutadiene	370		U
59-50-7	4-Chloro-3-methylphenol	370		U
91-57-6	2-Methylnaphthalene	78		J
77-47-4	Hexachlorocyclopentadiene	370		U
88-06-2	2,4,6-Trichlorophenol	370		U
95-95-4	2,4,5-Trichlorophenol	930		U
91-58-7	2-Chloronaphthalene	370		U
88-74-4	2-Nitroaniline	930		U
208-96-8	Acenaphthylene	370		U
131-11-3	Dimethyl Phthalate	370		U
606-20-2	2,6-Dinitrotoluene	370		U
83-32-9	Acenaphthene	370		U
99-09-2	3-Nitroaniline	930		U
51-28-5	2,4-Dinitrophenol	930		U J
132-64-9	Dibenzofuran	370		U
121-14-2	2,4-Dinitrotoluene	370		U
100-02-7	4-Nitrophenol	930		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-13A

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650164 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD581.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 10 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
84-66-2	Diethylphthalate	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-Butylphthalate	53	J
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butyl benzyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	370 71	JBV
117-84-0	Di-n-octyl phthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	370	U
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	370	U
100-52-7	Benzaldehyde	370	U
98-86-2	Acetophenone	370	U
105-60-2	Caprolactam	930	U
92-52-4	Biphenyl	370	U
1912-24-9	Atrazine	370	U
024624-29-1	2-Ethylanthroquinone	370	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-13A

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3

Matrix: (soil/water) SOIL Lab Sample ID: 650164 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AD581.D

Level: (low/med) LOW Date Received: 6/20/03

% Moisture: 10 decanted: (Y/N) N Date Extracted: 6/25/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.58

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.17	75	J
2.	unknown	4.27	150	J B
3.	unknown	4.33	140	J B
4.	unknown	4.38	100	J
5. 000620-14-4	Benzene, 1-ethyl-3-methyl-	5.39	83	JN
6.	unknown	7.29	80	J
7.	unknown PAH	10.23	77	J
8.	unknown hydrocarbon	10.43	340	J
9.	unknown hydrocarbon	12.68	89	J
10. 000057-10-3	n-Hexadecanoic acid	15.13	100	JN
11.	unknown	18.96	140	J
12. 001058-61-3	Stigmast-4-en-3-one	19.29	780	JN
13.	unknown	20.18	110	J
14.	unknown	20.44	220	J
15.	unknown	20.98	470	J
16.	unknown	21.66	180	J
17.	unknown	22.59	8200	J
18. 000189-64-0	3,4:8,9-Dibenzopyrene	23.10	310	JN
19.	unknown	27.31	3300	J

R
R

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-13A RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650164 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD597.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 10 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	370		U
111-44-4	bis(-2-Chloroethyl)Ether	370		U
95-57-8	2-Chlorophenol	370		U
541-73-1	1,3-Dichlorobenzene	370		U
106-46-7	1,4-Dichlorobenzene	370		U
95-50-1	1,2-Dichlorobenzene	370		U
108-60-1	2,2'-oxybis(1-Chloropropane)	370		U
95-48-7	2-Methylphenol	370		U
621-24-7	N-Nitroso-Di-n-propylamine	370		U
67-72-1	Hexachloroethane	370		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	370		U
91-20-3	Naphthalene	370		U
106-47-8	4-Chloroaniline	370		U
87-68-3	Hexachlorobutadiene	370		U
59-50-7	4-Chloro-3-methylphenol	370		U
91-57-6	2-Methylnaphthalene	77		J
77-47-4	Hexachlorocyclopentadiene	370		U
88-06-2	2,4,6-Trichlorophenol	370		U
95-95-4	2,4,5-Trichlorophenol	930		U
91-58-7	2-Chloronaphthalene	370		U
88-74-4	2-Nitroaniline	930		U
208-96-8	Acenaphthylene	370		U
131-11-3	Dimethyl Phthalate	370		U
606-20-2	2,6-Dinitrotoluene	370		U
83-32-9	Acenaphthene	370		U
99-09-2	3-Nitroaniline	930		U
51-28-5	2,4-Dinitrophenol	930		U
132-64-9	Dibenzofuran	370		U
121-14-2	2,4-Dinitrotoluene	370		U
100-02-7	4-Nitrophenol	930		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-13A RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650164 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD597.D
 Level: (low/med) LOW Date Received: 6/18/03
 % Moisture: 10 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.58

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	370		U
7005-72-3	4-Chlorophenyl-phenylether	370		U
84-66-2	Diethylphthalate	370		U
100-01-6	4-Nitroaniline	930		U
534-52-1	4,6-Dinitro-2-methylphenol	930		U
86-30-6	N-Nitrosodiphenylamine	370		U
101-55-3	4-Bromophenyl-phenylether	370		U
118-74-1	Hexachlorobenzene	370		U
87-86-5	Pentachlorophenol	930		U
85-01-8	Phenanthrene	370		U
120-12-7	Anthracene	370		U
86-74-8	Carbazole	370		U
84-74-2	Di-n-Butylphthalate	56		J
206-44-0	Fluoranthene	370		U
129-00-0	Pyrene	370		U
85-68-7	Butyl benzyl phthalate	370		U
91-94-1	3,3'-Dichlorobenzidine	370		U
56-55-3	Benzo(a)Anthracene	370		U
218-01-9	Chrysene	370		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	66		JB
117-84-0	Di-n-octyl phthalate	370		U
205-99-2	Benzo(b)fluoranthene	370		U
207-08-9	Benzo(k)Fluoranthene	370		U
50-32-8	Benzo(a)Pyrene	370		U
193-39-5	Indeno(1,2,3-cd)Pyrene	370		U
53-70-3	Dibenz(a,h)anthracene	370		U
191-24-2	Benzo(g,h,i)Perylene	370		U
100-52-7	Benzaldehyde	370		U
98-86-2	Acetophenone	370		U
105-60-2	Caprolactam	930		U
92-52-4	Biphenyl	370		U
1912-24-9	Atrazine	370		U
024624-29-1	2-Ethylanthroquinone	370		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-13A RE

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3

Matrix: (soil/water) SOIL Lab Sample ID: 650164 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AD597.D

Level: (low/med) LOW Date Received: 6/18/03

% Moisture: 10 decanted: (Y/N) N Date Extracted: 6/25/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/8/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.58

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.17	76	J
2.	unknown	4.27	150	J B
3.	unknown	4.34	140	J B
4.	unknown	4.38	100	J
5. 000620-14-4	Benzene, 1-ethyl-3-methyl-	5.40	80	JN
6. 000767-99-7	Benzene, (1-methyl-1-propenyl)-,	7.30	80	JN
7. 000575-43-9	Naphthalene, 1,6-dimethyl-	10.25	76	JN
8.	unknown hydrocarbon	10.45	380	J
9.	unknown hydrocarbon	10.66	78	J
10.	unknown hydrocarbon	12.69	74	J
11. 000544-63-8	Tetradecanoic acid	15.14	140	JN
12. 006380-71-8	Propanoic acid, 3-mercapto-, dod	15.76	170	JN
13.	unknown	18.96	110	J
14.	unknown	19.29	400	J
15.	unknown	20.46	190	J
16.	unknown	20.95	270	J
17.	unknown	21.69	150	J
18.	unknown	22.61	6000	J
19.	unknown	27.37	2700	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD623.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 15.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 10.0 JW 7/24/03
 GPC Cleanup: (Y/N) Y pH: 8.34

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	4000		U
111-44-4	bis(-2-Chloroethyl)Ether	4000		U
95-57-8	2-Chlorophenol	4000		U
541-73-1	1,3-Dichlorobenzene	4000		U
106-46-7	1,4-Dichlorobenzene	4000		U
95-50-1	1,2-Dichlorobenzene	4000		U
108-60-1	2,2'-oxybis(1-Chloropropane)	4000		U
95-48-7	2-Methylphenol	4000		U
621-24-7	N-Nitroso-Di-n-propylamine	4000		U J
67-72-1	Hexachloroethane	4000		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	4000		U
91-20-3	Naphthalene	4000		U
106-47-8	4-Chloroaniline	4000		U
87-68-3	Hexachlorobutadiene	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	9900		U
91-58-7	2-Chloronaphthalene	4000		U
88-74-4	2-Nitroaniline	9900		U
208-96-8	Acenaphthylene	4000		U
131-11-3	Dimethyl Phthalate	4000		U
606-20-2	2,6-Dinitrotoluene	4000		U
83-32-9	Acenaphthene	4000		U
99-09-2	3-Nitroaniline	9900		U
51-28-5	2,4-Dinitrophenol	9900		U
132-64-9	Dibenzofuran	4000		U
121-14-2	2,4-Dinitrotoluene	4000		U
100-02-7	4-Nitrophenol	9900		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD623.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 15.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 *15.0 (w/ 7/9/03)*
 GPC Cleanup: (Y/N) Y pH: 8.34

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	4000		U
7005-72-3	4-Chlorophenyl-phenylether	4000		U
84-66-2	Diethylphthalate	4000		U
100-01-6	4-Nitroaniline	9900		U
534-52-1	4,6-Dinitro-2-methylphenol	9900		U
86-30-6	N-Nitrosodiphenylamine	4000		U
101-55-3	4-Bromophenyl-phenylether	4000		U
118-74-1	Hexachlorobenzene	4000		U
87-86-5	Pentachlorophenol	9900		U
85-01-8	Phenanthrene	2200		J
120-12-7	Anthracene	490		J
86-74-8	Carbazole	4000		U
84-74-2	Di-n-Butylphthalate	4000		U
206-44-0	Fluoranthene	3700		J
129-00-0	Pyrene	2700		J
85-68-7	Butyl benzyl phthalate	4000		U
91-94-1	3,3'-Dichlorobenzidine	4000		U
56-55-3	Benzo(a)Anthracene	1500		J
218-01-9	Chrysene	1500		J
117-81-7	Bis(2-Ethylhexyl)Phthalate	4000		U
117-84-0	Di-n-octyl phthalate	4000		U
205-99-2	Benzo(b)fluoranthene	1400		J
207-08-9	Benzo(k)Fluoranthene	940		J
50-32-8	Benzo(a)Pyrene	1300		J
193-39-5	Indeno(1,2,3-cd)Pyrene	1100		J
53-70-3	Dibenz(a,h)anthracene	4000		U
191-24-2	Benzo(g,h,i)Perylene	710		J
100-52-7	Benzaldehyde	4000		U
98-86-2	Acetophenone	4000		U
105-60-2	Caprolactam	9900		U
92-52-4	Biphenyl	4000		U
1912-24-9	Atrazine	4000		U
024624-29-1	2-Ethylanthroquinone	4000		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TT-4

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD623.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 15.9 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 100.0 (to 7/9/03)
 GPC Cleanup: (Y/N) Y pH: 8.34

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	15.48	800	J
2.	unknown	22.57	57000	J
3.	unknown PAH	23.47	1500	J
4.	unknown	25.01	23000	J
5.	unknown	25.44	1200	J
6.	unknown	26.57	2500	J
7.	unknown	28.06	1000	J

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-3

Date Sampled : 06/17/03 Order #: 648807 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317243 Percent Solid: 80.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED		: 06/24/03	
DATE ANALYZED		: 07/01/03	
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	41 U	UG/KG
AROCLOR-1221	67	83 U	UG/KG
AROCLOR-1232	33	41 U	UG/KG
AROCLOR-1242	33	41 U	UG/KG
AROCLOR-1248	33	41 U	UG/KG
AROCLOR-1254	33	41 U	UG/KG
AROCLOR-1260	33	41 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	134	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	106	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-11

Date Sampled : 06/16/03 Order #: 648809 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317243 Percent Solid: 83.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/03		
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	39 U	UG/KG
AROCLOR-1221	67	80 U	UG/KG
AROCLOR-1232	33	39 U	UG/KG
AROCLOR-1242	33	39 U	UG/KG
AROCLOR-1248	33	39 U	UG/KG
AROCLOR-1254	33	39 U	UG/KG
AROCLOR-1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	133	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	112	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #1 TT-3

Date Sampled : 06/17/03 Order #: 648810 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317243 Percent Solid: 79.4

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/24/03			
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	42 U	UG/KG
AROCLOR-1221	67	84 U	UG/KG
AROCLOR-1232	33	42 U	UG/KG
AROCLOR-1242	33	42 U	UG/KG
AROCLOR-1248	33	42 U	UG/KG
AROCLOR-1254	33	42 U	UG/KG
AROCLOR-1260	33	42 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	124	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	113	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION #1

Date Sampled : 06/18/03 09:30 Order #: 648813 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317243 Percent Solid: 88.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/24/03			
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	37 U	UG/KG
AROCLOR-1221	67	76 U	UG/KG
AROCLOR-1232	33	37 U	UG/KG
AROCLOR-1242	33	37 U	UG/KG
AROCLOR-1248	33	37 U	UG/KG
AROCLOR-1254	33	37 U	UG/KG
AROCLOR-1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	127	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	99	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02
Client Sample ID : SURFACE SAMPLE SSU-2

Date Sampled : 06/20/03 Order #: 648814 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317243 Percent Solid: 72.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/26/03		
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	45 U	UG/KG
AROCLOR-1221	67	92 U	UG/KG
AROCLOR-1232	33	45 U	UG/KG
AROCLOR-1242	33	45 U	UG/KG
AROCLOR-1248	33	45 U	UG/KG
AROCLOR-1254	33	45 U	UG/KG
AROCLOR-1260	33	45 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	147	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	130	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-6

Date Sampled : 06/20/03 Order #: 648817 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317243 Percent Solid: 85.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/26/03		
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	39 U	UG/KG
AROCLOR-1221	67	78 U	UG/KG
AROCLOR-1232	33	39 U	UG/KG
AROCLOR-1242	33	39 U	UG/KG
AROCLOR-1248	33	39 U	UG/KG
AROCLOR-1254	33	39 U	UG/KG
AROCLOR-1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	149	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	126	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13A

Date Sampled : 06/18/03 Order #: 650164 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317243 Percent Solid: 90.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/03		
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	37 U	UG/KG
AROCLOR-1221	67	74 U	UG/KG
AROCLOR-1232	33	37 U	UG/KG
AROCLOR-1242	33	37 U	UG/KG
AROCLOR-1248	33	37 U	UG/KG
AROCLOR-1254	33	37 U	UG/KG
AROCLOR-1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	123	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	82	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-4

Date Sampled : 06/20/03 Order #: 650718 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317243 Percent Solid: 84.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED		: 06/26/03	
DATE ANALYZED		: 07/07/03	
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	39 U	UG/KG
AROCLOR-1221	67	80 U	UG/KG
AROCLOR-1232	33	39 U	UG/KG
AROCLOR-1242	33	39 U	UG/KG
AROCLOR-1248	33	39 U	UG/KG
AROCLOR-1254	33	39 U	UG/KG
AROCLOR-1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	105	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	94	%

METALS
COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Contract: R2317243 SDG No.: TT-3
 Lab Code: _____ Case No.: _____ SAS No.: _____
 SOW No.: CLP ILM4.1 Client: Bergmann Associates, P.C.

<u>Sample No.</u>	<u>Lab Sample ID.</u>
<u>TT-3</u>	<u>648807</u>
<u>TT-11</u>	<u>648809</u>
<u>FIELD DUP #1 TT-3</u>	<u>648810</u>
<u>FOUNDATION #1</u>	<u>648813</u>
<u>SURFACE SAMPLE SSU-2</u>	<u>648814</u>
<u>SURFACE SAMPLE SSU-6</u>	<u>648817</u>
<u>TT-13A</u>	<u>650164</u>
<u>TT-4</u>	<u>650718</u>
<u>TT-4D</u>	<u>650718D</u>
<u>TT-4S</u>	<u>650718S</u>
<u>TT-4S</u>	<u>650718SF</u>

Were ICP interelement corrections applied? Yes/No YES
 Were ICP background corrections applied? Yes/No YES
 If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: See Attached Case Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Lisa Reyes Name: LISA REYES
 Date: 7/24/03 Title: QA Program Manager **79**

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FIELD DUP #1 TT-3

Contract: R2317243

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 648810

Level (low/med): LOW Date Received: 06/17/03

6 Solids: 79.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.0			P
7440-39-3	Barium	41.0	B		P
7440-43-9	Cadmium	0.06	U		P
7440-47-3	Chromium	7.7			P
7439-92-1	Lead	11.7			P
7439-97-6	Mercury	0.03	B		CV
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	0.16	U		P

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments: _____

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FOUNDATION #1

Contract: R2317243

Lab Code:

Case No.:

SAS No.:

SDG NO.: TT-3Matrix (soil/water): SOIL/SEDIMENTLab Sample ID: 648813Level (low/med): LOWDate Received: 06/18/03

Solids: 88.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.4			P
7440-39-3	Barium	32.4	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	8.2			P
7439-92-1	Lead	8.9			P
7439-97-6	Mercury	0.02	B		CV
7782-49-2	Selenium	0.97	U		P
7440-22-4	Silver	0.14	U		P

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SURFACE SAMPLE SSU-2

Contract: R2317243

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 648814 = SSU-2

Level (low/med): LOW Date Received: 06/20/03

§ Solids: 72.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.3			P
7440-39-3	Barium	104			P
7440-43-9	Cadmium	2.9			P
7440-47-3	Chromium	15.3			P
7439-92-1	Lead	379			P
7439-97-6	Mercury	0.29			CV
7782-49-2	Selenium	1.2	U		P
7440-22-4	Silver	0.18	U		P

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

SURFACE SAMPLE SSU-6

Contract: R2317243

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 648817 = SSU-6

Level (low/med): LOW Date Received: 06/20/03

6 Solids: 85.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10.7			P
7440-39-3	Barium	120			P
7440-43-9	Cadmium	1.1	B		P
7440-47-3	Chromium	13.7			P
7439-92-1	Lead	310			P
7439-97-6	Mercury	0.44			CV
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	0.15	U		P

Color Before: BROWN

Clarity Before:

Texture: FINE

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

TT-11

Contract: R2317243

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 648809

Level (low/med): LOW Date Received: 06/16/03

% Solids: 83.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.6			P
7440-39-3	Barium	56.9			P
7440-43-9	Cadmium	0.09	B		P
7440-47-3	Chromium	9.5			P
7439-92-1	Lead	74.3			P
7439-97-6	Mercury	0.16			CV
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	0.16	U		P

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

TT-13A

Contract: R2317243

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 650164

Level (low/med): LOW Date Received: 06/18/03

Solids: 90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.4			P
7440-39-3	Barium	20.4	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	5.5			P
7439-92-1	Lead	3.7			P
7439-97-6	Mercury	0.003	U		CV
7782-49-2	Selenium	0.95	U		P
7440-22-4	Silver	0.14	U		P

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

TT-3

Contract: R2317243

Lab Code: Case No.: SAS No.: SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 648807

Level (low/med): LOW Date Received: 06/17/03

† Solids: 80.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.5			P
7440-39-3	Barium	45.9	B		P
7440-43-9	Cadmium	0.05	U		P
7440-47-3	Chromium	8.5			P
7439-92-1	Lead	13.9			P
7439-97-6	Mercury	0.05	B		CV
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	0.16	U		P

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

TT-4

Contract: R2317243

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDIMENT Lab Sample ID: 650718

Level (low/med): LOW Date Received: 06/20/03

Solids: 84.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.7			P
7440-39-3	Barium	68.8			P
7440-43-9	Cadmium	0.47	B		P
7440-47-3	Chromium	11.8			P
7439-92-1	Lead	184			P
7439-97-6	Mercury	0.09			CV
7782-49-2	Selenium	1.0	U		P
7440-22-4	Silver	0.15	U		P

Color Before: BROWN

Clarity Before:

Texture: MEDIUM

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

87

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-3

Date Sampled : 06/17/03

Order #: 648807

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/17/03

Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.24 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	80.9	%	06/19/03	15:00	1.0
PH	9040/9	1.00	8.00		06/18/03	17:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02
Client Sample ID : TF-11

Date Sampled : 06/16/03 Order #: 648809 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.19 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	83.8	%	06/19/03	15:00	1.0
PH	9040/9	1.00	8.14		06/18/03	17:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #1 TT-3

Date Sampled : 06/17/03

Order #: 648810

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/17/03

Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	79.4	%	06/19/03	15:00	1.0
PH	9040/9	1.00	8.03		06/18/03	17:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION #1

Date Sampled : 06/18/03 09:30

Order #: 648813

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/18/03

Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.13 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	88.5	%	06/20/03	11:30	1.0
PH	9040/9	1.00	8.26		06/19/03	16:20	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-2

Date Sampled : 06/20/03

Order #: 648814

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT	DATE	TIME	DILUTION
				UNITS	ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.38 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	72.6	%	06/25/03	11:33	1.0
PH	9040/9	1.00	7.21		06/24/03	07:35	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02
Client Sample ID : SURFACE SAMPLE SSU-6

Date Sampled : 06/20/03 Order #: 648817 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.17 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	85.5	%	06/25/03	11:33	1.0
PH	9040/9	1.00	7.54		06/24/03	07:35	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
Client Sample ID : TT-13A

Date Sampled : 06/18/03 Order #: 650164 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.11 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	90.0	%	06/20/03	11:30	1.0
PH	9040/9	1.00	8.58		06/19/03	16:20	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 07/23/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-4

Date Sampled : 06/20/03

Order #: 650718

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317243

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.19 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	84.1	%	06/25/03	11:33	1.0
PH	9040/9	1.00	8.34		06/24/03	07:35	1.0

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	SOILBLK1	103	102	89	0
02	SOILBLK1MS	105	102	92	0
03	TT-3	105	107	82	0
04	TT-11	102	114	79	0
05	FIELD DUP	103	110	81	0
06	SSU-2	106	135	58 *	1
07	SSU-6	106	113	68	0
08	TT-4	104	105	85	0
09	TT-4MS	106	107	82	0
10	TT-4MSD	105	105	80	0
11	SOILBLK2	102	100	91	0
12	SOILBLK2MS	105	101	91	0
13	FOUNDATION	101	101	101	0
14	SSU-2RE	98	122	76	0

		QC LIMITS
SMC1	= 1,2-Dichloroethane-d4	(70-121)
SMC2	= Toluene-d8	(84-138)
SMC3	= Bromofluorobenzene	(59-113)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Level: (low/med) MED

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	MEDBLK1	103	106	88	0
02	MEDBLK1MS	101	101	90	0
03	TT-13A	86	106	100	0

		QC LIMITS
SMC1	= 1,2-Dichloroethane-d4	(70-121)
SMC2	= Toluene-d8	(84-138)
SMC3	= Bromofluorobenzene	(59-113)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

2A
 WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	WATBLK1	102	103	101	0
02	WATBLK1MS	102	101	100	0
03	COOLER BLK	102	100	94	0

		QC LIMITS
SMC1	= 1,2-Dichloroethane-d4	(76-114)
SMC2	= Toluene-d8	(88-110)
SMC3	= Bromofluorobenzene	(86-115)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 [PHL] #	S3 #	S4 #	S5 (NBZ) #	S6 (FBP) #	S7 #	S8 (TPH) #	TOT OUT
01	SBLK1	38	50	47	21	34	44	74	87	0
02	SBLK1MS	35	48	45	25	36	47	80	91	0
03	TT-11	34	51	46	19 *	40	58	87	109	1
04	SSU-6	36	53	48	22	46	65	95	83	0
05	TT-13A	43	54	50	20 *	38	52	85	101	1
06	FOUNDATION#	29	50	43	16 *	45	74	100	87	1
07	FOUNDATION#	28	50	43	16 *	45	72	99	90	1
08	SSU-6 RE	35	49	46	22	47	67	91	71	0
09	TT-13A RE	44	53	50	19 *	40	53	89	85	1
10	TT-3	34	50	49	21	43	57	56	95	0
11	SSU-2	55	67	65	37	64	76	87	83	0
12	TT-4	42	58	58	35	58	79	80	91	0
13	TT-4MS	45	60	59	36	59	76	89	91	0
14	TT-4MSD	37	58	52	28	55	75	87	93	0
15	SBLK1 RE	59	72	71	38	56	63	87	82	0
16	SBLK1MS RE	59	71	70	39	58	69	92	77	0
17	SBLK1MSD RE	60	72	72	42	60	71	95	84	0
18	FIELD DUP#1 T	67	83	81	35	66	71	95	86	0

QC LIMITS

S1 (2FP) = 2-Fluorophenol (25-121)
 S2 [PHL] = Phenol-d6 (24-113)
 S3 = 2-Chlorophenol-d4 (20-130)
 S4 = 1,2-Dichlorobenzene-d4 (20-130)
 S5 (NBZ) = Nitrobenzene-d5 (23-120)
 S6 (FBP) = 2-Fluorobiphenyl (30-115)
 S7 = 2,4,6-Tribromophenol (19-122)
 S8 (TPH) = Terphenyl-d14 (18-137)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogate diluted out

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: casroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix Spike - EPA Sample No.: TT-4 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	59	0.0	55	93	59 - 172
Benzene	59	0.0	60	102	66 - 142
Trichloroethene	59	0.0	55	93	62 - 137
Toluene	59	0.0	61	103	59 - 139
Chlorobenzene	59	0.0	61	103	60 - 133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	59	51	86	8	22	59 - 172
Benzene	59	54	92	10	21	66 - 142
Trichloroethene	59	51	86	8	24	62 - 137
Toluene	59	55	93	10	21	59 - 139
Chlorobenzene	59	56	95	8	21	60 - 133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MS

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 1.0MS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0387.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 15.9 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	12	U
67-64-1	Acetone	12	U
75-35-4	1,1-Dichloroethene	55	
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene chloride	12	U
75-15-0	Carbon disulfide	12	U
1634-04-4	Methyl tert-Butyl Ether	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
110-82-7	Cyclohexane	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon tetrachloride	12	U
71-43-2	Benzene	60	
79-01-6	Trichloroethene	55	
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
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
124-48-1	Dibromochloromethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	61	
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	61	
100-41-4	Ethylbenzene	12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MS

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 1.0MS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0387.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 15.9 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-38-3/106-42-3	(m+p)Xylene		12	U
95-47-6	o-Xylene		12	U
100-42-5	Styrene		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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MSD

Lab Name: casroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 1.0MS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0388.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 15.9 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		12	U
67-64-1	Acetone		12	U
75-35-4	1,1-Dichloroethene		51	
79-20-9	Methyl Acetate		12	U
75-09-2	Methylene chloride		12	U
75-15-0	Carbon disulfide		12	U
1634-04-4	Methyl tert-Butyl Ether		12	U
156-60-5	trans-1,2-Dichloroethene		12	U
75-34-3	1,1-Dichloroethane		12	U
78-93-3	2-Butanone		12	U
156-59-2	cis-1,2-Dichloroethene		12	U
67-66-3	Chloroform		12	U
110-82-7	Cyclohexane		12	U
107-06-2	1,2-Dichloroethane		12	U
71-55-6	1,1,1-Trichloroethane		12	U
56-23-5	Carbon tetrachloride		12	U
71-43-2	Benzene		54	
79-01-6	Trichloroethene		51	
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
10061-02-6	trans-1,3-Dichloropropene		12	U
79-00-5	1,1,2-Trichloroethane		12	U
124-48-1	Dibromochloromethane		12	U
75-25-2	Bromoform		12	U
108-10-1	4-Methyl-2-pentanone		12	U
108-88-3	Toluene		55	
591-78-6	2-Hexanone		12	U
127-18-4	Tetrachloroethene		12	U
106-93-4	1,2-Dibromoethane		12	U
108-90-7	Chlorobenzene		56	
100-41-4	Ethylbenzene		12	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MSD

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: 650718 1.0MS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0388.D
 Level: (low/med) LOW Date Received: 06/20/03
 % Moisture: not dec. 15.9 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-38-3/106-42-3	(m+p)Xylene		12	U
95-47-6	o-Xylene		12	U
100-42-5	Styrene		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

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix Spike - EPA Sample No.: SOILBLK1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	56	112	59 - 172
Benzene	50	0.0	54	108	66 - 142
Trichloroethene	50	0.0	52	104	62 - 137
Toluene	50	0.0	54	108	59 - 139
Chlorobenzene	50	0.0	56	112	60 - 133

COMMENTS: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK1MS

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0377.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	10		U
67-64-1	Acetone	10		U
75-35-4	1,1-Dichloroethene	56		
79-20-9	Methyl Acetate	10		U
75-09-2	Methylene chloride	10		U
75-15-0	Carbon disulfide	10		U
1634-04-4	Methyl tert-Butyl Ether	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
156-59-2	cis-1,2-Dichloroethene	10		U
67-66-3	Chloroform	10		U
110-82-7	Cyclohexane	10		U
107-06-2	1,2-Dichloroethane	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon tetrachloride	10		U
71-43-2	Benzene	54		
79-01-6	Trichloroethene	52		
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
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-5	1,1,2-Trichloroethane	10		U
124-48-1	Dibromochloromethane	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-pentanone	10		U
108-88-3	Toluene	54		
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	10		U
106-93-4	1,2-Dibromoethane	10		U
108-90-7	Chlorobenzene	56		
100-41-4	Ethylbenzene	10		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK1MS

Lab Name: casroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0377.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

3B
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-43 BAZ/17
 Matrix Spike - EPA Sample No.: MEDBLK1 Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	6200	0.0	6700	108	59 - 172
Benzene	6200	0.0	6300	102	66 - 142
Trichloroethene	6200	0.0	6200	100	62 - 137
Toluene	6200	0.0	6400	103	59 - 139
Chlorobenzene	6200	0.0	6300	102	60 - 133

COMMENTS: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEDBLK1MS

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLKMS
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0437.D
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
75-71-8	Dichlorodifluoromethane	1200		U
74-87-3	Chloromethane	1200		U
75-01-4	Vinyl chloride	1200		U
74-83-9	Bromomethane	1200		U
75-00-3	Chloroethane	1200		U
75-69-4	Trichlorofluoromethane	1200		U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	1200		U
67-64-1	Acetone	1200		U
75-35-4	1,1-Dichloroethene	6700		
79-20-9	Methyl Acetate	1200		U
75-09-2	Methylene chloride	1200		U
75-15-0	Carbon disulfide	1200		U
1634-04-4	Methyl tert-Butyl Ether	1200		U
156-60-5	trans-1,2-Dichloroethene	1200		U
75-34-3	1,1-Dichloroethane	1200		U
78-93-3	2-Butanone	1200		U
156-59-2	cis-1,2-Dichloroethene	1200		U
67-66-3	Chloroform	1200		U
110-82-7	Cyclohexane	1200		U
107-06-2	1,2-Dichloroethane	1200		U
71-55-6	1,1,1-Trichloroethane	1200		U
56-23-5	Carbon tetrachloride	1200		U
71-43-2	Benzene	6300		
79-01-6	Trichloroethene	6200		
108-87-2	Methylcyclohexane	1200		U
78-87-5	1,2-Dichloropropane	1200		U
75-27-4	Bromodichloromethane	1200		U
10061-01-5	cis-1,3-Dichloropropene	1200		U
10061-02-6	trans-1,3-Dichloropropene	1200		U
79-00-5	1,1,2-Trichloroethane	1200		U
124-48-1	Dibromochloromethane	1200		U
75-25-2	Bromoform	1200		U
108-10-1	4-Methyl-2-pentanone	1200		U
108-88-3	Toluene	6400		
591-78-6	2-Hexanone	1200		U
127-18-4	Tetrachloroethene	1200		U
106-93-4	1,2-Dibromoethane	1200		U
108-90-7	Chlorobenzene	6300		
100-41-4	Ethylbenzene	1200		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEDBLK1MS

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLKMS
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0437.D
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-38-3/106-42-3	(m+p)Xylene		1200	U
95-47-6	o-Xylene		1200	U
100-42-5	Styrene		1200	U
98-82-8	Isopropylbenzene		1200	U
79-34-5	1,1,2,2-Tetrachloroethane		1200	U
541-73-1	1,3-Dichlorobenzene		1200	U
106-46-7	1,4-Dichlorobenzene		1200	U
95-50-1	1,2-Dichlorobenzene		1200	U
96-12-8	1,2-Dibromo-3-chloropropane		1200	U
120-82-1	1,2,4-Trichlorobenzene		1200	U

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: casroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix Spike - EPA Sample No.: SOILBLK2 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	53	106	59 - 172
Benzene	50	0.0	51	102	66 - 142
Trichloroethene	50	0.0	49	98	62 - 137
Toluene	50	0.0	50	100	59 - 139
Chlorobenzene	50	0.0	51	102	60 - 133

COMMENTS: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK2MS

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0461.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	10		U
67-64-1	Acetone	10		U
75-35-4	1,1-Dichloroethene	53		
79-20-9	Methyl Acetate	10		U
75-09-2	Methylene chloride	4		JB
75-15-0	Carbon disulfide	10		U
1634-04-4	Methyl tert-Butyl Ether	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
156-59-2	cis-1,2-Dichloroethene	10		U
67-66-3	Chloroform	10		U
110-82-7	Cyclohexane	10		U
107-06-2	1,2-Dichloroethane	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon tetrachloride	10		U
71-43-2	Benzene	51		
79-01-6	Trichloroethene	49		
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
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-5	1,1,2-Trichloroethane	10		U
124-48-1	Dibromochloromethane	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-pentanone	10		U
108-88-3	Toluene	50		
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	10		U
106-93-4	1,2-Dibromoethane	10		U
108-90-7	Chlorobenzene	51		
100-41-4	Ethylbenzene	10		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK2MS

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0461.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: cas\roch Contract: bergmanLab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3Matrix Spike - EPA Sample No.: WATBLK1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	49	98	61 - 145
Benzene	50	0.0	50	100	76 - 127
Trichloroethene	50	0.0	48	96	71 - 120
Toluene	50	0.0	48	96	76 - 125
Chlorobenzene	50	0.0	49	98	75 - 130

COMMENTS: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WATBLK1MS

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) WATER Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: I9768.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/27/03
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	10		U
67-64-1	Acetone	10		U
75-35-4	1,1-Dichloroethene	49		
79-20-9	Methyl Acetate	10		U
75-09-2	Methylene chloride	10		U
75-15-0	Carbon disulfide	10		U
1634-04-4	Methyl tert-Butyl Ether	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
156-59-2	cis-1,2-Dichloroethene	10		U
67-66-3	Chloroform	10		U
110-82-7	Cyclohexane	10		U
107-06-2	1,2-Dichloroethane	10		U
71-55-6	1,1,1-Trichloroethane	10		U
56-23-5	Carbon tetrachloride	10		U
71-43-2	Benzene	50		
79-01-6	Trichloroethene	48		
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
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-5	1,1,2-Trichloroethane	10		U
124-48-1	Dibromochloromethane	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-pentanone	10		U
108-88-3	Toluene	48		
591-78-6	2-Hexanone	10		U
127-18-4	Tetrachloroethene	10		U
106-93-4	1,2-Dibromoethane	10		U
108-90-7	Chlorobenzene	49		
100-41-4	Ethylbenzene	10		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WATBLK1MS

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) WATER Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: I9768.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/27/03
 GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix Spike - EPA Sample No. TT-4 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	3000	0.0	1900	63	26 - 90
2-Chlorophenol	3000	0.0	1700	57	25 - 102
1,4-Dichlorobenzene	2000	0.0	810	41	28 - 104
N-Nitroso-Di-n-propylamine	2000	0.0	1100	55	41 - 126
1,2,4-Trichlorobenzene	2000	0.0	1200	60	38 - 107
4-Chloro-3-methylphenol	3000	0.0	2400	80	26 - 103
Acenaphthene	2000	0.0	1600	80	31 - 137
2,4-Dinitrotoluene	2000	0.0	1300	65	28 - 89
4-Nitrophenol	3000	0.0	2500	83	11 - 114
Pentachlorophenol	3000	0.0	2500	83	17 - 109
Pyrene	2000	2700	2700	2 *	35 - 142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	3000	1800	60	5	35	26 - 90
2-Chlorophenol	3000	1700	57	0	50	25 - 102
1,4-Dichlorobenzene	2000	680	34	19	27	28 - 104
N-Nitroso-Di-n-propylamine	2000	1200	60	9	38	41 - 126
1,2,4-Trichlorobenzene	2000	1100	55	9	23	38 - 107
4-Chloro-3-methylphenol	3000	2600	87	8	33	26 - 103
Acenaphthene	2000	1800	90	12	19	31 - 137
2,4-Dinitrotoluene	2000	1500	75	14	47	28 - 89
4-Nitrophenol	3000	2500	83	0	50	11 - 114
Pentachlorophenol	3000	2200	73	13	47	17 - 109
Pyrene	2000	2800	5 *	200 *	36	35 - 142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 11 outside limits

Spike Recovery: 2 out of 22 outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654145 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD624.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 15.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 (10.0 to 7/9/03)
 GPC Cleanup: (Y/N) Y pH: 8.34

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	1900		J
111-44-4	bis(-2-Chloroethyl)Ether	4000		U
95-57-8	2-Chlorophenol	1700		J
541-73-1	1,3-Dichlorobenzene	4000		U
106-46-7	1,4-Dichlorobenzene	810		J
95-50-1	1,2-Dichlorobenzene	4000		U
108-60-1	2,2'-oxybis(1-Chloropropane)	4000		U
95-48-7	2-Methylphenol	4000		U
621-24-7	N-Nitroso-Di-n-propylamine	1100		J
67-72-1	Hexachloroethane	4000		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	1200		J
91-20-3	Naphthalene	4000		U
106-47-8	4-Chloroaniline	4000		U
87-68-3	Hexachlorobutadiene	4000		U
59-50-7	4-Chloro-3-methylphenol	2400		J
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	9900		U
91-58-7	2-Chloronaphthalene	4000		U
88-74-4	2-Nitroaniline	9900		U
208-96-8	Acenaphthylene	4000		U
131-11-3	Dimethyl Phthalate	4000		U
606-20-2	2,6-Dinitrotoluene	4000		U
83-32-9	Acenaphthene	1600		J
99-09-2	3-Nitroaniline	9900		U
51-28-5	2,4-Dinitrophenol	9900		U
132-64-9	Dibenzofuran	4000		U
121-14-2	2,4-Dinitrotoluene	1300		J
100-02-7	4-Nitrophenol	2500		J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654145 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD624.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 15.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 *10.0 L to 7/9/03*
 GPC Cleanup: (Y/N) Y pH: 8.34

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	4000		U
7005-72-3	4-Chlorophenyl-phenylether	4000		U
84-66-2	Diethylphthalate	4000		U
100-01-6	4-Nitroaniline	9900		U
534-52-1	4,6-Dinitro-2-methylphenol	9900		U
86-30-6	N-Nitrosodiphenylamine	4000		U
101-55-3	4-Bromophenyl-phenylether	4000		U
118-74-1	Hexachlorobenzene	4000		U
87-86-5	Pentachlorophenol	2500		J
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	740		J
129-00-0	Pyrene	2700		J
85-68-7	Butyl benzyl phthalate	4000		U
91-94-1	3,3'-Dichlorobenzidine	4000		U
56-55-3	Benzo(a)Anthracene	410		J
218-01-9	Chrysene	450		J
117-81-7	Bis(2-Ethylhexyl)Phthalate	4000		U
117-84-0	Di-n-octyl phthalate	4000		U
205-99-2	Benzo(b)fluoranthene	530		J
207-08-9	Benzo(k)Fluoranthene	4000		U
50-32-8	Benzo(a)Pyrene	480		J
193-39-5	Indeno(1,2,3-cd)Pyrene	450		J
53-70-3	Dibenz(a,h)anthracene	4000		U
191-24-2	Benzo(g,h,i)Perylene	430		J
100-52-7	Benzaldehyde	4000		U
98-86-2	Acetophenone	4000		U
105-60-2	Caprolactam	9900		U
92-52-4	Biphenyl	4000		U
1912-24-9	Atrazine	4000		U
024624-29-1	2-Ethylanthroquinone	4000		U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654146 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD625.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 15.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 ^{10.0} 7/22/03 Jw
 GPC Cleanup: (Y/N) Y pH: 8.34

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	1800		J
111-44-4	bis(-2-Chloroethyl)Ether	4000		U
95-57-8	2-Chlorophenol	1700		J
541-73-1	1,3-Dichlorobenzene	4000		U
106-46-7	1,4-Dichlorobenzene	680		J
95-50-1	1,2-Dichlorobenzene	4000		U
108-60-1	2,2'-oxybis(1-Chloropropane)	4000		U
95-48-7	2-Methylphenol	4000		U
621-24-7	N-Nitroso-Di-n-propylamine	1200		J
67-72-1	Hexachloroethane	4000		U
106-44-5	4-Methylphenol	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
120-82-1	1,2,4-Trichlorobenzene	1100		J
91-20-3	Naphthalene	4000		U
106-47-8	4-Chloroaniline	4000		U
87-68-3	Hexachlorobutadiene	4000		U
59-50-7	4-Chloro-3-methylphenol	2600		J
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	9900		U
91-58-7	2-Chloronaphthalene	4000		U
88-74-4	2-Nitroaniline	9900		U
208-96-8	Acenaphthylene	4000		U
131-11-3	Dimethyl Phthalate	4000		U
606-20-2	2,6-Dinitrotoluene	4000		U
83-32-9	Acenaphthene	1800		J
99-09-2	3-Nitroaniline	9900		U
51-28-5	2,4-Dinitrophenol	9900		U
132-64-9	Dibenzofuran	4000		U
121-14-2	2,4-Dinitrotoluene	1500		J
100-02-7	4-Nitrophenol	2500		J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TT-4MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654146 10
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD625.D
 Level: (low/med) LOW Date Received: 6/20/03
 % Moisture: 15.9 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/9/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 10.0 7/24/03
 GPC Cleanup: (Y/N) Y pH: 8.34

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

86-73-7	Fluorene	4000	U
7005-72-3	4-Chlorophenyl-phenylether	4000	U
84-66-2	Diethylphthalate	4000	U
100-01-6	4-Nitroaniline	9900	U
534-52-1	4,6-Dinitro-2-methylphenol	9900	U
86-30-6	N-Nitrosodiphenylamine	4000	U
101-55-3	4-Bromophenyl-phenylether	4000	U
118-74-1	Hexachlorobenzene	4000	U
87-86-5	Pentachlorophenol	2200	J
85-01-8	Phenanthrene	520	J
120-12-7	Anthracene	4000	U
86-74-8	Carbazole	4000	U
84-74-2	Di-n-Butylphthalate	4000	U
206-44-0	Fluoranthene	1200	J
129-00-0	Pyrene	2800	J
85-68-7	Butyl benzyl phthalate	4000	U
91-94-1	3,3'-Dichlorobenzidine	4000	U
56-55-3	Benzo(a)Anthracene	580	J
218-01-9	Chrysene	700	J
117-81-7	Bis(2-Ethylhexyl)Phthalate	4000	U
117-84-0	Di-n-octyl phthalate	4000	U
205-99-2	Benzo(b)fluoranthene	770	J
207-08-9	Benzo(k)Fluoranthene	4000	U
50-32-8	Benzo(a)Pyrene	600	J
193-39-5	Indeno(1,2,3-cd)Pyrene	560	J
53-70-3	Dibenz(a,h)anthracene	4000	U
191-24-2	Benzo(g,h,i)Perylene	400	J
100-52-7	Benzaldehyde	4000	U
98-86-2	Acetophenone	4000	U
105-60-2	Caprolactam	9900	U
92-52-4	Biphenyl	4000	U
1912-24-9	Atrazine	4000	U
024624-29-1	2-Ethylanthroquinone	4000	U

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix Spike - EPA Sample No. SBLK1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	2500	0.0	1400	56	12 - 110
2-Chlorophenol	2500	0.0	1300	52	27 - 123
1,4-Dichlorobenzene	1700	0.0	600	36	36 - 97
N-Nitroso-Di-n-propylamine	1700	0.0	560	33 *	41 - 116
1,2,4-Trichlorobenzene	1700	0.0	690	41	39 - 98
4-Chloro-3-methylphenol	2500	0.0	1600	64	23 - 97
Acenaphthene	1700	0.0	1000	59	46 - 118
2,4-Dinitrotoluene	1700	0.0	1200	71	24 - 96
4-Nitrophenol	2500	0.0	2000	80 *	10 - 80
Pentachlorophenol	2500	0.0	2100	84	9 - 103
Pyrene	1700	0.0	1200	71	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 2 out of 11 outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654144 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD575.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	1400	
111-44-4	bis(-2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	1300	
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	600	
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
95-48-7	2-Methylphenol	330	U
621-24-7	N-Nitroso-Di-n-propylamine	560	
67-72-1	Hexachloroethane	330	U
106-44-5	4-Methylphenol	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(-2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	690	
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	1600	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
208-96-8	Acenaphthylene	330	U
131-11-3	Dimethyl Phthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
83-32-9	Acenaphthene	1000	
99-09-2	3-Nitroaniline	830	U
51-28-5	2,4-Dinitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1200	
100-02-7	4-Nitrophenol	2000	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654144 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD575.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
84-66-2	Diethylphthalate	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	2100	
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-Butylphthalate	47	J
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	1200	
85-68-7	Butyl benzyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)Anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	50	JB
117-84-0	Di-n-octyl phthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)Fluoranthene	330	U
50-32-8	Benzo(a)Pyrene	330	U
193-39-5	Indeno(1,2,3-cd)Pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)Perylene	330	U
100-52-7	Benzaldehyde	330	U
98-86-2	Acetophenone	330	U
105-60-2	Caprolactam	830	U
92-52-4	Biphenyl	330	U
1912-24-9	Atrazine	330	U
024624-29-1	2-Ethylanthroquinone	330	U

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix Spike - EPA Sample No. SBLK1 RE Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	2500	0.0	2000	80	12 - 110
2-Chlorophenol	2500	0.0	1800	72	27 - 123
1,4-Dichlorobenzene	1700	0.0	920	54	36 - 97
N-Nitroso-Di-n-propylamine	1700	0.0	1200	71	41 - 116
1,2,4-Trichlorobenzene	1700	0.0	950	56	39 - 98
4-Chloro-3-methylphenol	2500	0.0	2000	80	23 - 97
Acenaphthene	1700	0.0	1200	71	46 - 118
2,4-Dinitrotoluene	1700	0.0	1300	76	24 - 96
4-Nitrophenol	2500	0.0	2200	88 *	10 - 80
Pentachlorophenol	2500	0.0	3000	120 *	9 - 103
Pyrene	1700	0.0	1200	71	26 - 127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	2500	2000	80	0	42	12 - 110
2-Chlorophenol	2500	1800	72	0	40	27 - 123
1,4-Dichlorobenzene	1700	930	55	2	28	36 - 97
N-Nitroso-Di-n-propylamine	1700	1200	71	0	38	41 - 116
1,2,4-Trichlorobenzene	1700	970	57	2	28	39 - 98
4-Chloro-3-methylphenol	2500	2000	80	0	42	23 - 97
Acenaphthene	1700	1200	71	0	31	46 - 118
2,4-Dinitrotoluene	1700	1300	76	0	38	24 - 96
4-Nitrophenol	2500	2200	88 *	0	50	10 - 80
Pentachlorophenol	2500	2800	112 *	7	50	9 - 103
Pyrene	1700	1300	76	7	31	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 4 out of 22 outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MS RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 655627 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD670.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/11/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	2000	
111-44-4	bis(-2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	1800	
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	920	
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
95-48-7	2-Methylphenol	330	U
621-24-7	N-Nitroso-Di-n-propylamine	1200	
67-72-1	Hexachloroethane	330	U
106-44-5	4-Methylphenol	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(-2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	950	
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	2000	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
208-96-8	Acenaphthylene	330	U
131-11-3	Dimethyl Phthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
83-32-9	Acenaphthene	1200	
99-09-2	3-Nitroaniline	830	U
51-28-5	2,4-Dinitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1300	
100-02-7	4-Nitrophenol	2200	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1MS RE

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3

Matrix: (soil/water) SOIL Lab Sample ID: 655627 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AD670.D

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

% Moisture: 0 decanted:(Y/N) N Date Extracted: 7/3/03

Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/11/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
84-66-2	Diethylphthalate	330		U
100-01-6	4-Nitroaniline	830		U
534-52-1	4,6-Dinitro-2-methylphenol	830		U
86-30-6	N-Nitrosodiphenylamine	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	3000		E
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-Butylphthalate	330		U
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	1200		
85-68-7	Butyl benzyl phthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	330		U
56-55-3	Benzo(a)Anthracene	330		U
218-01-9	Chrysene	330		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	330		U
117-84-0	Di-n-octyl phthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)Fluoranthene	330		U
50-32-8	Benzo(a)Pyrene	330		U
193-39-5	Indeno(1,2,3-cd)Pyrene	330		U
53-70-3	Dibenz(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)Perylene	330		U
100-52-7	Benzaldehyde	330		U
98-86-2	Acetophenone	330		U
105-60-2	Caprolactam	830		U
92-52-4	Biphenyl	330		U
1912-24-9	Atrazine	330		U
024624-29-1	2-Ethylanthroquinone	330		U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MSD RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 655628 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD671.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/12/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2	Phenol	2000	
111-44-4	bis(-2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	1800	
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	930	
95-50-1	1,2-Dichlorobenzene	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
95-48-7	2-Methylphenol	330	U
621-24-7	N-Nitroso-Di-n-propylamine	1200	
67-72-1	Hexachloroethane	330	U
106-44-5	4-Methylphenol	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(-2-Chloroethoxy)Methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	970	
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	2000	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
208-96-8	Acenaphthylene	330	U
131-11-3	Dimethyl Phthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
83-32-9	Acenaphthene	1200	
99-09-2	3-Nitroaniline	830	U
51-28-5	2,4-Dinitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1300	
100-02-7	4-Nitrophenol	2200	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MSD RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 655628 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD671.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/12/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		330	U
7005-72-3	4-Chlorophenyl-phenylether		330	U
84-66-2	Diethylphthalate		330	U
100-01-6	4-Nitroaniline		830	U
534-52-1	4,6-Dinitro-2-methylphenol		830	U
86-30-6	N-Nitrosodiphenylamine		330	U
101-55-3	4-Bromophenyl-phenylether		330	U
118-74-1	Hexachlorobenzene		330	U
87-86-5	Pentachlorophenol		2800	E
85-01-8	Phenanthrene		330	U
120-12-7	Anthracene		330	U
86-74-8	Carbazole		330	U
84-74-2	Di-n-Butylphthalate		330	U
206-44-0	Fluoranthene		330	U
129-00-0	Pyrene		1300	
85-68-7	Butyl benzyl phthalate		330	U
91-94-1	3,3'-Dichlorobenzidine		330	U
56-55-3	Benzo(a)Anthracene		330	U
218-01-9	Chrysene		330	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		330	U
117-84-0	Di-n-octyl phthalate		330	U
205-99-2	Benzo(b)fluoranthene		330	U
207-08-9	Benzo(k)Fluoranthene		330	U
50-32-8	Benzo(a)Pyrene		330	U
193-39-5	Indeno(1,2,3-cd)Pyrene		330	U
53-70-3	Dibenz(a,h)anthracene		330	U
191-24-2	Benzo(g,h,i)Perylene		330	U
100-52-7	Benzaldehyde		330	U
98-86-2	Acetophenone		330	U
105-60-2	Caprolactam		830	U
92-52-4	Biphenyl		330	U
1912-24-9	Atrazine		330	U
024624-29-1	2-Ethylanthroquinone		330	U

METALS

-6-

DUPLICATES

SAMPLE NO.

TT-4D

Contract: R2317243

Lab Code: Case No.: SAS No.: SDG NO.: TT-3

Matrix (soil/water): SOIL/SEDI Level (low/med): LOW

% Solids for Sample: 84.1 % Solids for Duplicate: 84.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic	2.3	6.7459		6.7175		0.4		P
Barium	45.7	68.7590		68.3348		0.6		P
Cadmium		0.4661	B	0.5609	B	18.5		P
Chromium	2.3	11.8036		11.4138		3.4		P
Lead		183.6211		192.0948		4.5		P
Mercury		0.0913		0.0428	B	72.4		CV
Selenium		1.0267	U	1.0267	U			P
Silver		0.1500	U	0.1500	U			P

METALS

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

TT-4S

Contract: R2317243

Lab Code:

Case No.:

SAS No.:

SDG NO.: TT-3

Matrix (soil/water): SOIL/SED

Level (low/med): LOW

Solids for Sample: 84.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	13.7175	6.7459	9.06	77.0		P
Barium	75 - 125	518.0275	68.7590	452.98	99.2		P
Cadmium	75 - 125	11.5668	0.4661 B	11.32	98.0		P
Chromium	75 - 125	55.4954	11.8036	45.30	96.5		P
Lead		188.3163	183.6211	4.62	101.7		P
Mercury	75 - 125	0.3138	0.0913	0.27	82.3		CV
Selenium	75 - 125	2.7313	1.0267 U	2.26	120.6		P
Silver	75 - 125	10.1567	0.1500 U	11.32	89.7		P

Comments:

METALS

-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

TT-4A

Contract: R2317243

Lab Code: Case No.: SAS No.: SDG NO.: TT-3

Matrix (soil/water): SOIL/SED Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Arsenic		63.80	29.50	40.0	85.8		P
Barium		2207.02	300.70	2000.0	95.3		P
Cadmium		49.34	2.04 B	50.0	94.6		P
Chromium		235.92	51.62	200.0	92.2		P
Lead		1261.05	803.01	500.0	91.6		P
Selenium		12.88	4.49 U	10.0	128.8		P
Silver		43.08	0.66 U	50.0	86.2		P

Comments: _____

COLUMBIA ANALYTICAL SERVICES

INORGANIC QUALITY CONTROL SUMMARY

Report Date : 07/23/03
CAS Order # : 650718 - TT-4
Client : Bergmann Associates, P.C.
 : CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02
Reported Units: MG/KG
Run # : 92387
Percent Solid : 84.1

PRECISION

ACCURACY

ORIGINAL	DUPLICATE	RPD	FOUND	ADDED	% REC.	LIMITS
1.19 U	1.19 U	NC	3.59	3.57	101	50 - 150

ETHYLENE GLYCOL

COLUMBIA ANALYTICAL SERVICES

INORGANIC QUALITY CONTROL SUMMARY

Report Date : 07/23/03
CAS Order # : 650718 - TT-4
Client : Bergmann Associates, P.C.
CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02
Reported Units:
Run # : 92532

PRECISION

ORIGINAL	DUPLICATE	RPD
8.34	8.33	0

PH

134

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2317243

Client: Bergmann Associates, P.C.

CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

BLANK SPIKES

BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
1.00 U	2.37	3.00	79	80 - 120	92387	MG/KG

ETHYLENE GLYCOL

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SOILBLK1

Lab Name: cas\roch Contract: bergman
Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
Lab File ID: B0376.D Lab Sample ID: VBLK
Date Analyzed: 06/24/03 Time Analyzed: 13:19
GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) Y
Instrument ID: msvoa5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SOILBLK1MS	VBLKMS	B0377.D	13:54
02	TT-3	648807 1.0	B0381.D	16:31
03	TT-11	648809 1.0	B0382.D	17:07
04	FIELD DUP	648810 1.0	B0383.D	17:42
05	SSU-2	648814 1.0	B0384.D	18:17
06	SSU-6	648817 1.0	B0385.D	18:53
07	TT-4	650718 1.0	B0386.D	19:28
08	TT-4MS	650718 1.0MS	B0387.D	20:03
09	TT-4MSD	650718 1.0MSD	B0388.D	20:39

COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK1

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0376.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha		10	U
67-64-1	Acetone		10	U
75-35-4	1,1-Dichloroethene		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
75-15-0	Carbon disulfide		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK1

Lab Name: caslroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0376.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/24/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SOILBLK1

Lab Name: cas\roch Contract: bergman
Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
Matrix: (soil/water) SOIL Lab Sample ID: VBLK
Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0376.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. 0 Date Analyzed: 06/24/03
GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MEDBLK1

Lab Name: cas/roch Contract: bergman
Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
Lab File ID: B0436.D Lab Sample ID: VBLK(MED)
Date Analyzed: 06/26/03 Time Analyzed: 13:28
GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
Instrument ID: msvoa5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MEDBLK1MS	VBLKMS	B0437.D	14:10
02	TT-13A	650164 250.0	B0442.D	17:20

COMMENTS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEDBLK1

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK(MED)
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0436.D
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
75-71-8	Dichlorodifluoromethane	1200	U	U
74-87-3	Chloromethane	1200	U	U
75-01-4	Vinyl chloride	1200	U	U
74-83-9	Bromomethane	1200	U	U
75-00-3	Chloroethane	1200	U	U
75-69-4	Trichlorofluoromethane	1200	U	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	1200	U	U
67-64-1	Acetone	1200	U	U
75-35-4	1,1-Dichloroethene	1200	U	U
79-20-9	Methyl Acetate	1200	U	U
75-09-2	Methylene chloride	1200	U	U
75-15-0	Carbon disulfide	1200	U	U
1634-04-4	Methyl tert-Butyl Ether	1200	U	U
156-60-5	trans-1,2-Dichloroethene	1200	U	U
75-34-3	1,1-Dichloroethane	1200	U	U
78-93-3	2-Butanone	1200	U	U
156-59-2	cis-1,2-Dichloroethene	1200	U	U
67-66-3	Chloroform	1200	U	U
110-82-7	Cyclohexane	1200	U	U
107-06-2	1,2-Dichloroethane	1200	U	U
71-55-6	1,1,1-Trichloroethane	1200	U	U
56-23-5	Carbon tetrachloride	1200	U	U
71-43-2	Benzene	1200	U	U
79-01-6	Trichloroethene	1200	U	U
108-87-2	Methylcyclohexane	1200	U	U
78-87-5	1,2-Dichloropropane	1200	U	U
75-27-4	Bromodichloromethane	1200	U	U
10061-01-5	cis-1,3-Dichloropropene	1200	U	U
10061-02-6	trans-1,3-Dichloropropene	1200	U	U
79-00-5	1,1,2-Trichloroethane	1200	U	U
124-48-1	Dibromochloromethane	1200	U	U
75-25-2	Bromoform	1200	U	U
108-10-1	4-Methyl-2-pentanone	1200	U	U
108-88-3	Toluene	1200	U	U
591-78-6	2-Hexanone	1200	U	U
127-18-4	Tetrachloroethene	1200	U	U
106-93-4	1,2-Dibromoethane	1200	U	U
108-90-7	Chlorobenzene	1200	U	U
100-41-4	Ethylbenzene	1200	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MEDBLK1

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK(MED)
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0436.D
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-38-3/106-42-3	(m+p)Xylene		1200	U
95-47-6	o-Xylene		1200	U
100-42-5	Styrene		1200	U
98-82-8	Isopropylbenzene		1200	U
79-34-5	1,1,2,2-Tetrachloroethane		1200	U
541-73-1	1,3-Dichlorobenzene		1200	U
106-46-7	1,4-Dichlorobenzene		1200	U
95-50-1	1,2-Dichlorobenzene		1200	U
96-12-8	1,2-Dibromo-3-chloropropane		1200	U
120-82-1	1,2,4-Trichlorobenzene		1200	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MEDBLK1

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK(MED)
 Sample wt/vol: 4.0 (g/ml) G Lab File ID: B0436.D
 Level: (low/med) MED Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/26/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume 10000 (uL) Soil Aliquot Volume: 100 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	3.94	3000	J

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SOILBLK2

Lab Name: cas\roch Contract: bergman
Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
Lab File ID: B0460.D Lab Sample ID: VBLK
Date Analyzed: 06/27/03 Time Analyzed: 13:00
GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) Y
Instrument ID: msvoa5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SOILBLK2MS	VBLKMS	B0461.D	13:35
02	FOUNDATION	648813 1.0	B0462.D	14:26
03	SSU-2RE	648814 1.0	B0463.D	15:01

COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK2

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0460.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG 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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroetha	10	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene chloride	3	J
75-15-0	Carbon disulfide	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
110-82-7	Cyclohexane	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
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
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SOILBLK2

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0460.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SOILBLK2

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) SOIL Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) G Lab File ID: B0460.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. 0 Date Analyzed: 06/27/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	RT	EST. CONC.	Q

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WATBLK1

Lab Name: casroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Lab File ID: I9766.D Lab Sample ID: VBLK
 Date Analyzed: 06/27/03 Time Analyzed: 20:45
 GC Column: RTX502 ID: 0.53 (mm) Heated Purge: (Y/N) N
 Instrument ID: msvoa1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	WATBLK1MS	VBLKMS	I9768.D	22:02
02	COOLER BLK	649407 1.0	I9779.D	05:10

COMMENTS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WATBLK1

Lab Name: cas/roch Contract: bergman

Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3

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

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: I9766.D

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

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
67-64-1	Acetone		10	U
75-35-4	1,1-Dichloroethene		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
75-15-0	Carbon disulfide		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WATBLK1

Lab Name: casroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Matrix: (soil/water) WATER Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: I9766.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/27/03
 GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

WATBLK1

Lab Name: cas\roch Contract: bergman
Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
Matrix: (soil/water) WATER Lab Sample ID: VBLK
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: I9766.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 06/27/03
GC Column: RTX502 ID: 0.53 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Lab File ID (Standard): B0374.D Date Analyzed: 06/24/03
 Instrument ID: msvoa5 Time Analyzed: 11:50
 GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) Y

	IS1		IS2		IS3	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	87093	9.41	540715	11.23	561088	16.76
UPPER LIMIT	174186	8.91	1081430	10.73	1122176	16.26
LOWER LIMIT	43547	9.91	270358	11.73	280544	17.26
EPA SAMPLE NO.						
01 SOILBLK1	80476	9.42	499461	11.24	500924	16.76
02 SOILBLK1MS	82569	9.42	523413	11.24	521910	16.77
03 TT-3	79030	9.42	489368	11.24	454213	16.76
04 TT-11	72813	9.41	457188	11.24	401921	16.77
05 FIELD DUP	77593	9.41	462560	11.24	414820	16.77
06 SSU-2	57386	9.42	329922	11.24	197178*	16.77
07 SSU-6	67626	9.42	393004	11.24	299257	16.77
08 TT-4	74409	9.42	427534	11.24	357860	16.76
09 TT-4MS	68415	9.42	387601	11.24	330312	16.77
10 TT-4MSD	72527	9.42	422898	11.24	360373	16.77

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: cas/roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Lab File ID (Standard): B0433.D Date Analyzed: 06/26/03
 Instrument ID: msvoa5 Time Analyzed: 10:54
 GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR ST	118253	9.44	654733	11.27	693153	16.79
UPPER LIMIT	236506	8.94	1309466	10.77	1386306	16.29
LOWER LIM	59127	9.94	327367	11.77	346577	17.29
EPA SAMPLE NO.						
01 MEDBLK1	113893	9.41	640253	11.24	637413	16.77
02 MEDBLK1MS	118360	9.42	681646	11.24	697564	16.77
03 TT-13A	177556	9.41	1103268	11.23	1197338	16.77

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: caslroch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Lab File ID (Standard): B0458.D Date Analyzed: 06/27/03
 Instrument ID: msvoa5 Time Analyzed: 11:44
 GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	128041	9.39	848182	11.22	880574	16.73
UPPER LIMIT	256082	8.89	1696364	10.72	1761148	16.23
LOWER LIMIT	64021	9.89	424091	11.72	440287	17.23
EPA SAMPLE NO.						
01 SOILBLK2	125761	9.39	838872	11.21	863254	16.74
02 SOILBLK2MS	113953	9.39	772984	11.22	795378	16.74
03 FOUNDATION	115674	9.38	751343	11.21	776951	16.73
04 SSU-2RE	102930	9.39	639842	11.21	495698	16.73

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: cas\roch Contract: bergman
 Lab Code: 10145 Case No.: r3-17243 SAS No.: _____ SDG No.: tt-3
 Lab File ID (Standard): I9765.D Date Analyzed: 06/27/03
 Instrument ID: msvoa1 Time Analyzed: 20:06
 GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR ST	255990	12.21	1031846	14.28	856945	21.36
UPPER LIMIT	511980	11.71	2063692	13.78	1713890	20.86
LOWER LIM	127995	12.71	515923	14.78	428473	21.86
EPA SAMPLE NO.						
01 WATBLK1	260497	12.21	1035240	14.28	843718	21.34
02 WATBLK1MS	261342	12.22	1045964	14.27	887052	21.35
03 COOLER BLK	260340	12.21	999239	14.27	857197	21.34

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID: AD574.D Lab Sample ID: 654143 1.0
 Instrument ID: 5973-C Date Extracted: 6/25/03
 Matrix: (soil/water) SOIL Date Analyzed: 7/7/03
 Level: (low/med) LOW Time Analyzed: 11:23

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1MS	654144 1.0	AD575.D	7/7/03
02	TT-11	648809 1.0	AD577.D	7/7/03
03	SSU-6	648817 1.0	AD580.D	7/7/03
04	TT-13A	650164 1.0	AD581.D	7/7/03
05	FOUNDATION#1	648813 1.0	AD594.D	7/8/03
06	FOUNDATION#1 RE	648813 1.0	AD608.D	7/8/03
07	SSU-6 RE	648817 1.0	AD596.D	7/8/03
08	TT-13A RE	650164 1.0	AD597.D	7/8/03
09	TT-3	648807 1.0	AD617.D	7/9/03
10	SSU-2	648814 10	AD620.D	7/9/03
11	TT-4	650718 10	AD623.D	7/9/03
12	TT-4MS	654145 10	AD624.D	7/9/03
13	TT-4MSD	654146 10	AD625.D	7/9/03

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654143 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD574.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	330		U
111-44-4	bis(-2-Chloroethyl)Ether	330		U
95-57-8	2-Chlorophenol	330		U
541-73-1	1,3-Dichlorobenzene	330		U
106-46-7	1,4-Dichlorobenzene	330		U
95-50-1	1,2-Dichlorobenzene	330		U
108-60-1	2,2'-oxybis(1-Chloropropane)	330		U
95-48-7	2-Methylphenol	330		U
621-24-7	N-Nitroso-Di-n-propylamine	330		U
67-72-1	Hexachloroethane	330		U
106-44-5	4-Methylphenol	330		U
98-95-3	Nitrobenzene	330		U
78-59-1	Isophorone	330		U
88-75-5	2-Nitrophenol	330		U
105-67-9	2,4-Dimethylphenol	330		U
111-91-1	bis(-2-Chloroethoxy)Methane	330		U
120-83-2	2,4-Dichlorophenol	330		U
120-82-1	1,2,4-Trichlorobenzene	330		U
91-20-3	Naphthalene	330		U
106-47-8	4-Chloroaniline	330		U
87-68-3	Hexachlorobutadiene	330		U
59-50-7	4-Chloro-3-methylphenol	330		U
91-57-6	2-Methylnaphthalene	330		U
77-47-4	Hexachlorocyclopentadiene	330		U
88-06-2	2,4,6-Trichlorophenol	330		U
95-95-4	2,4,5-Trichlorophenol	830		U
91-58-7	2-Chloronaphthalene	330		U
88-74-4	2-Nitroaniline	830		U
208-96-8	Acenaphthylene	330		U
131-11-3	Dimethyl Phthalate	330		U
606-20-2	2,6-Dinitrotoluene	330		U
83-32-9	Acenaphthene	330		U
99-09-2	3-Nitroaniline	830		U
51-28-5	2,4-Dinitrophenol	830		U
132-64-9	Dibenzofuran	330		U
121-14-2	2,4-Dinitrotoluene	330		U
100-02-7	4-Nitrophenol	830		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654143 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD574.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
84-66-2	Diethylphthalate	330		U
100-01-6	4-Nitroaniline	830		U
534-52-1	4,6-Dinitro-2-methylphenol	830		U
86-30-6	N-Nitrosodiphenylamine	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	830		U
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-Butylphthalate	330		U
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	330		U
85-68-7	Butyl benzyl phthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	330		U
56-55-3	Benzo(a)Anthracene	330		U
218-01-9	Chrysene	330		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	44		J
117-84-0	Di-n-octyl phthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)Fluoranthene	330		U
50-32-8	Benzo(a)Pyrene	330		U
193-39-5	Indeno(1,2,3-cd)Pyrene	330		U
53-70-3	Dibenz(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)Perylene	330		U
100-52-7	Benzaldehyde	330		U
98-86-2	Acetophenone	330		U
105-60-2	Caprolactam	830		U
92-52-4	Biphenyl	330		U
1912-24-9	Atrazine	330		U
024624-29-1	2-Ethylanthroquinone	330		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 654143 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD574.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted: (Y/N) N Date Extracted: 6/25/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/7/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.27	160	J
2.	unknown	4.33	120	J
3.	unknown hydrocarbon	10.43	190	J

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK1 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID: AD669.D Lab Sample ID: 655626 1.0
 Instrument ID: 5973-C Date Extracted: 7/3/03
 Matrix: (soil/water) SOIL Date Analyzed: 7/11/03
 Level: (low/med) LOW Time Analyzed: 22:43

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1MS RE	655627 1.0	AD670.D	7/11/03
02	SBLK1MSD RE	655628 1.0	AD671.D	7/12/03
03	FIELD DUP#1 TT-3 RE	648810 1.0	AD672.D	7/12/03

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 655626 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD669.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/11/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	330		U
111-44-4	bis(-2-Chloroethyl)Ether	330		U
95-57-8	2-Chlorophenol	330		U
541-73-1	1,3-Dichlorobenzene	330		U
106-46-7	1,4-Dichlorobenzene	330		U
95-50-1	1,2-Dichlorobenzene	330		U
108-60-1	2,2'-oxybis(1-Chloropropane)	330		U
95-48-7	2-Methylphenol	330		U
621-24-7	N-Nitroso-Di-n-propylamine	330		U
67-72-1	Hexachloroethane	330		U
106-44-5	4-Methylphenol	330		U
98-95-3	Nitrobenzene	330		U
78-59-1	Isophorone	330		U
88-75-5	2-Nitrophenol	330		U
105-67-9	2,4-Dimethylphenol	330		U
111-91-1	bis(-2-Chloroethoxy)Methane	330		U
120-83-2	2,4-Dichlorophenol	330		U
120-82-1	1,2,4-Trichlorobenzene	330		U
91-20-3	Naphthalene	330		U
106-47-8	4-Chloroaniline	330		U
87-68-3	Hexachlorobutadiene	330		U
59-50-7	4-Chloro-3-methylphenol	330		U
91-57-6	2-Methylnaphthalene	330		U
77-47-4	Hexachlorocyclopentadiene	330		U
88-06-2	2,4,6-Trichlorophenol	330		U
95-95-4	2,4,5-Trichlorophenol	830		U
91-58-7	2-Chloronaphthalene	330		U
88-74-4	2-Nitroaniline	830		U
208-96-8	Acenaphthylene	330		U
131-11-3	Dimethyl Phthalate	330		U
606-20-2	2,6-Dinitrotoluene	330		U
83-32-9	Acenaphthene	330		U
99-09-2	3-Nitroaniline	830		U
51-28-5	2,4-Dinitrophenol	830		U
132-64-9	Dibenzofuran	330		U
121-14-2	2,4-Dinitrotoluene	330		U
100-02-7	4-Nitrophenol	830		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 655626 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD669.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/11/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
84-66-2	Diethylphthalate	330		U
100-01-6	4-Nitroaniline	830		U
534-52-1	4,6-Dinitro-2-methylphenol	830		U
86-30-6	N-Nitrosodiphenylamine	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	830		U
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-Butylphthalate	33		J
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	330		U
85-68-7	Butyl benzyl phthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	330		U
56-55-3	Benzo(a)Anthracene	330		U
218-01-9	Chrysene	330		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	330		U
117-84-0	Di-n-octyl phthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)Fluoranthene	330		U
50-32-8	Benzo(a)Pyrene	330		U
193-39-5	Indeno(1,2,3-cd)Pyrene	330		U
53-70-3	Dibenz(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)Perylene	330		U
100-52-7	Benzaldehyde	330		U
98-86-2	Acetophenone	330		U
105-60-2	Caprolactam	830		U
92-52-4	Biphenyl	330		U
1912-24-9	Atrazine	330		U
024624-29-1	2-Ethylanthroquinone	330		U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1 RE

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Matrix: (soil/water) SOIL Lab Sample ID: 655626 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AD669.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted: (Y/N) N Date Extracted: 7/3/03
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 7/11/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.22	140	J
2.	unknown	4.29	110	J
3.	unknown	8.35	70	J
4.	unknown hydrocarbon	10.39	130	J
5.	unknown	21.59	84	J
6.	unknown	22.32	2300	J

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD573.D Date Analyzed: 7/7/03
 Instrument ID: 5973-C Time Analyzed: 10:44

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	410169	5.95	1183688	7.73	493756	10.97
	UPPER LIMIT	820338	6.45	2367376	8.23	987512	11.47
	LOWER LIMIT	205085	5.45	591844	7.23	246878	10.47
EPA SAMPLE NO.							
01	SBLK1	565358	5.94	1622459	7.72	694563	10.95
02	SBLK1MS	607925	5.95	1743502	7.73	750924	10.96
03	TT-11	691719	5.95	1991807	7.73	861886	10.97
04	SSU-6	699589	5.95	1980595	7.73	837180	10.97
05	TT-13A	807302	5.95	2332111	7.72	977542	10.95

IS1 (DCB) = d4-1,4-Dichlorobenzene

IS2 (NPT) = d8-Naphthalene

IS3 (ANT) = d10-Acenaphthene

IS4 (PHN) = d10-Phenanthrene

IS5 (CRY) = d12-Chrysene

IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD573.D Date Analyzed: 07/07/03
 Instrument ID: 5973-C Time Analyzed: 10:44

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		631556	14.11	568627	20.02	469017	23.78
UPPER LIMIT		1263112	13.61	1137254	19.52	938034	23.28
LOWER LIMIT		315778	14.61	284314	20.52	234509	24.28
EPA SAMPLE NO.							
01	SBLK1	899535	14.10	727130	20.00	572157	23.75
02	SBLK1MS	980085	14.11	803692	20.01	673218	23.77
03	TT-11	1138129	14.11	859971	20.02	744784	23.78
04	SSU-6	1152171	14.12	1282521 *	20.02	1371956 *	23.80
05	TT-13A	1297599 *	14.10	1134105	20.00	1111500 *	23.76

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD593.D Date Analyzed: 7/8/03
 Instrument ID: 5973-C Time Analyzed: 10:32

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		421260	5.94	1235951	7.72	535968	10.95
UPPER LIMIT		842520	6.44	2471902	8.22	1071936	11.45
LOWER LIMIT		210630	5.44	617976	7.22	267984	10.45
EPA SAMPLE NO.							
01	FOUNDATION#1	684524	5.95	1917875	7.73	776040	10.97
02	FOUNDATION#1 RE	781025	5.95	2205289	7.73	952988	10.97
03	SSU-6 RE	700407	5.95	1911416	7.72	789131	10.96
04	TT-13A RE	720633	5.95	2012600	7.73	835069	10.97

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD593.D Date Analyzed: 07/08/03
 Instrument ID: 5973-C Time Analyzed: 10:32

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		733199	14.10	768730	20.00	687652	23.76
UPPER LIMIT		1466398	13.60	1537460	19.50	1375304	23.26
LOWER LIMIT		366600	14.60	384365	20.50	343826	24.26
EPA SAMPLE NO.							
01	FOUNDATION #1	1106248	14.12	1533711	20.02	1920945 *	23.81
02	FOUNDATION #2	1427328	14.12	2080442 *	20.03	2455570 *	23.83
03	SSU-6 RE	1196760	14.11	2008918 *	20.02	2276764 *	23.80
04	TT-13A RE	1220923	14.12	1637441 *	20.03	1956514 *	23.81

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD612.D Date Analyzed: 7/9/03
 Instrument ID: 5973-C Time Analyzed: 10:09

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		335605	5.95	991063	7.73	484488	10.97
UPPER LIMIT		671210	6.45	1982126	8.23	968976	11.47
LOWER LIMIT		167803	5.45	495532	7.23	242244	10.47
EPA SAMPLE NO.							
01	TT-3	425019	5.95	1220630	7.73	551509	10.97
02	SSU-2	462502	5.95	1196809	7.73	575143	10.97
03	TT-4	507385	5.95	1320036	7.72	614082	10.96
04	TT-4MS	493939	5.95	1255554	7.72	603484	10.96
05	TT-4MSD	455331	5.96	1157783	7.73	572409	10.98

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD612.D Date Analyzed: 07/09/03
 Instrument ID: 5973-C Time Analyzed: 10:09

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		715486	14.12	696142	20.03	520532	23.80
UPPER LIMIT		1430972	13.62	1392284	19.53	1041064	23.30
LOWER LIMIT		357743	14.62	348071	20.53	260266	24.30
EPA SAMPLE NO.							
01	TT-3	771183	14.12	677607	20.03	578437	23.80
02	SSU-2	814409	14.12	854665	20.03	992745	23.82
03	TT-4	792610	14.11	822869	20.02	1001495	23.80
04	TT-4MS	803022	14.11	847962	20.02	1032840	23.80
05	TT-4MSD	784275	14.13	889495	20.04	1061973 *	23.83

- IS1 (DCB) = d4-1,4-Dichlorobenzene
- IS2 (NPT) = d8-Naphthalene
- IS3 (ANT) = d10-Acenaphthene
- IS4 (PHN) = d10-Phenanthrene
- IS5 (CRY) = d12-Chrysene
- IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD656.D Date Analyzed: 7/11/03
 Instrument ID: 5973-C Time Analyzed: 14:13

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		230302	5.92	708925	7.69	369409	10.91
UPPER LIMIT		460604	6.42	1417850	8.19	738818	11.41
LOWER LIMIT		115151	5.42	354463	7.19	184705	10.41
EPA SAMPLE NO.							
01	SBLK1 RE	325422	5.91	936915	7.67	470569	10.90
02	SBLK1MS RE	266836	5.91	775628	7.68	373994	10.90
03	SBLK1MSD RE	334952	5.92	965662	7.69	466791	10.91
04	FIELD DUP#1 TT- 3 RE	278412	5.92	805352	7.69	385402	10.91

IS1 (DCB) = d4-1,4-Dichlorobenzene

IS2 (NPT) = d8-Naphthalene

IS3 (ANT) = d10-Acenaphthene

IS4 (PHN) = d10-Phenanthrene

IS5 (CRY) = d12-Chrysene

IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R317243 SAS No.: _____ SDG No.: TT-3
 Lab File ID (Standard): AD656.D Date Analyzed: 07/11/03
 Instrument ID: 5973-C Time Analyzed: 14:13

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		585580	14.06	548780	19.96	426308	23.70
UPPER LIMIT		1171160	13.56	1097560	19.46	852616	23.20
LOWER LIMIT		292790	14.56	274390	20.46	213154	24.20
EPA SAMPLE NO.							
01	SBLK1 RE	686596	14.05	820960	19.95	850757	23.69
02	SBLK1MS RE	575895	14.05	725278	19.95	764418	23.69
03	SBLK1MSD RE	695138	14.06	807807	19.97	836564	23.71
04	FIELD DUP#1 ^{TF3} _{RE}	556313	14.06	665725	19.96	757464	23.71

- IS1 (DCB) = d4-1,4-Dichlorobenzene
- IS2 (NPT) = d8-Naphthalene
- IS3 (ANT) = d10-Acenaphthene
- IS4 (PHN) = d10-Phenanthrene
- IS5 (CRY) = d12-Chrysene
- IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

METHOD BLANK SUMMARY

Lab Name: Columbia Analytical Services	Contract: BERGMANN
Lab Code: 10145 Case No.: R23-17243	SAS No.: SDG No.: TT-3
Lab Sample ID.: 651806	Lab File ID: MB196
Matrix: (soil/water): Soil	Level: (low/med)
Date Extracted: 6/24/03	Extraction: (Sepf/Cont/Sonc) Sonc
Date Analyzed: (1) 7/1/03	Date Analyzed: (2) 7/1/03
Time Analyzed: (1) 4:41	Time Analyzed: (2) 4:41
Instument ID: (1) HP5890-L	Instument ID: (2) HP5890-L
GC Column ID: (1) DB-1701	GC Column ID: (2) DB-17

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	PBLK01MS	651807 LCS	7/1/03	7/1/03
2	PBLK01MSD	651808 LCSD	7/1/03	7/1/03
3	TT-3	648807	7/1/03	7/1/03
4	TT-11	648809	7/1/03	7/1/03
5	FIELD DUP #1 TT-3	648810	7/1/03	7/1/03
6	FOUNDATION #1	648813	7/1/03	7/1/03
7	TT-13A	650164	7/1/03	7/1/03
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

COMMENTS:

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 07/23/03

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 651806	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/03		
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	33 U	UG/KG
AROCLOR-1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	130	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	70	%

METHOD BLANK SUMMARY

Lab Name: Columbia Analytical Services	Contract: BERGMANN
Lab Code: 10145 Case No.: 652556	SAS No.: R23-17243 SDG No.: TT-3
Lab Sample ID.: 652556	Lab File ID: MB207
Matrix: (soil/water): Soil	Level: (low/med)
Date Extracted: 6/26/03	Extraction: (Sepf/Cont/Sonc) Sonc
Date Analyzed: (1) 7/1/03	Date Analyzed: (2) 7/1/03
Time Analyzed: (1) 11:00	Time Analyzed: (2) 11:00
Instrument ID: (1) HP5890L	Instrument ID: (2) HP5890L
GC Column ID: (1) DB-1701	GC Column ID: (2) DB-17

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	PBLK02MS	652557 LCS	7/1/03	7/1/03
2	SURFACE SAMPLE SSU-2	648814	7/1/03	7/1/03
3	SURFACE SAMPLE SSU-6	648817	7/1/03	7/1/03
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

COMMENTS:

blank was also analyzed on HP5890C
 Hence the splitting of the summaries
 (See additional Summary enclosed for same order number)

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD OLM4.2
 Reported: 07/23/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 652556 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/26/03			
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	33 U	UG/KG
AROCLOR-1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	122	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	91	%

METHOD BLANK SUMMARY

Lab Name: Columbia Analytical Services	Contract: BERGMANN
Lab Code: 10145 Case No.: 652556 RE	SAS No.: R23-17243 SDG No.: TT-3
Lab Sample ID.: 652556 RE	Lab File ID: DH585
Matrix: (soil/water): Soil	Level: (low/med)
Date Extracted: 6/26/03	Extraction: (Sepf/Cont/Sonc) Sonc
Date Analyzed: (1) 7/7/03	Date Analyzed: (2) 7/7/03
Time Analyzed: (1) 18:05	Time Analyzed: (2) 18:05
Instrument ID: (1) HP5890C	Instrument ID: (2) HP5890C
GC Column ID: (1) DB-1701	GC Column ID: (2) DB-17

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	PBLK02MS	652557 LCS RE	7/7/03	7/7/03
2	TT-4	650718	7/7/03	7/7/03
3	TT-4 MS	652558 MS	7/7/03	7/7/03
4	TT-4 MSD	652559 MSD	7/7/03	7/7/03
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

COMMENTS:

Blank analyzed on HP5890C also
(see summary included)

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 652556 Sample Matrix: SOIL/SEDIMENT
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/26/03			
DATE ANALYZED : 07/07/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	33 U	UG/KG
AROCLOR-1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	128	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	92	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
SOIL/SEDIMENT

Spiked Order No. : 650718 Bergmann Associates, P.C.

Client ID: TT-4

Test: OLM4.2

Analytical Units: UG/KG

Run Number : 92508

Percent Solid : 84.1

ANALYTE	SPIKE ADDED	CONCENT. SAMPLE	MATRIX SPIKE		MATRIX SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
AROCOLOR-1254	198	0	155	78	166	84	7	30	29 - 131

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 07/23/03

Project Reference:

Client Sample ID : MATRIX SPIKE

Date Sampled : Order #: 652558 Sample Matrix: SOIL/SEDIMENT
Date Received: Submission #: Percent Solid: 84.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/26/03			
DATE ANALYZED : 07/07/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	39 U	UG/KG
AROCLOR-1221	67	80 U	UG/KG
AROCLOR-1232	33	39 U	UG/KG
AROCLOR-1242	33	39 U	UG/KG
AROCLOR-1248	33	39 U	UG/KG
AROCLOR-1254	33	150	UG/KG
AROCLOR-1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	106	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	104	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Project Reference:
Client Sample ID : MATRIX SPIKE DUPLICATE

Date Sampled : Order #: 652559 Sample Matrix: SOIL/SEDIMENT
Date Received: Submission #: Percent Solid: 84.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/26/03			
DATE ANALYZED : 07/07/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	39 U	UG/KG
AROCLOR-1221	67	80 U	UG/KG
AROCLOR-1232	33	39 U	UG/KG
AROCLOR-1242	33	39 U	UG/KG
AROCLOR-1248	33	39 U	UG/KG
AROCLOR-1254	33	170	UG/KG
AROCLOR-1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	105	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	95	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
SOIL/SEDIMENT

Spiked Order No. : 651807

Dup Spiked Order No. : 651808

Client ID:

Test: OLM4.2

Analytical Units: UG/KG

Run Number : 92408

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
AROCOLOR-1254	170	0	200	120	200	120	0	30	29 - 131

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 07/23/03

Project Reference:

Client Sample ID : BLANK SPIKE

Date Sampled :	Order #: 651807	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED		: 06/24/03	
DATE ANALYZED		: 07/01/03	
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	200	UG/KG
AROCLOR-1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	129	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	99	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Project Reference:
Client Sample ID : BLANK SPIKE DUPLICATE

Date Sampled : Order #: 651808 Sample Matrix: SOIL/SEDIMENT
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/24/03			
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	200	UG/KG
AROCLOR-1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	133	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	79	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY LABORATORY CONTROL SAMPLE
SOIL/SEDIMENT

Spiked Order No. : 652557

Client ID:

Test: OLM4.2

Analytical Units: UG/KG

Run Number : 92508

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		QC LIMITS
			FOUND	% REC.	REC.
AROCLOR-1254	167	0	190	114	29 - 131

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 07/23/03

Project Reference:
Client Sample ID : BLANK SPIKE

Date Sampled : Order #: 652557 Sample Matrix: SOIL/SEDIMENT
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/26/03			
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	190	UG/KG
AROCLOR-1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	123	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	90	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 07/23/03

Project Reference:

Client Sample ID : BLANK SPIKE

Date Sampled :	Order #: 652557	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/26/03		
DATE ANALYZED	: 07/07/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	170	UG/KG
AROCLOR-1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	119	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	90	%

METALS

-3-

BLANKS

Contract: R2317243

Lab Code:

Case No.:

SAS No.:

SDG NO.: TT-3Preparation Blank Matrix (soil/water): SOILPreparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C		
Arsenic	5.8	U	5.8	U	5.8	U	5.8	U	1.160	U	P
Barium	4.1	U	4.1	U	4.1	U	4.1	U	0.818	U	P
Cadmium	0.2	U	0.2	U	0.2	U	0.2	U	0.045	U	P
Chromium	0.3	U	0.3	U	0.3	U	0.3	U	0.070	B	P
Lead	1.8	U	1.8	U	2.0	B	1.8	U	0.372	B	P
Mercury	0.01	U	0.01	U	0.01	U	0.01	U	0.004	U	CV
Selenium	4.5	U	4.5	U	4.5	U	6.7		0.898	U	P
Silver	0.7	U	0.7	U	0.7	U	0.7	U	0.131	U	P

METALS

-3-

BLANKS

Contract: R2317243

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG NO.: TT-3

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		M
			1	C	2	C	3	C	C		
Arsenic			5.8	U	5.8	U	5.8	U			P
Barium			4.1	U	4.1	U	4.1	U			P
Cadmium			0.2	U	0.2	U	0.2	U			P
Chromium			-0.3	B	0.3	U	0.3	U			P
Selenium			4.5	U	4.5	U	4.5	U			P
Silver			0.7	U	0.7	U	0.7	U			P

METALS

-3-

BLANKS

Contract: R2317243

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: TT-3

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank		
			1	C	2	C	3	C	C	M	
Arsenic			5.8	U	5.8	U	5.8	U			P
Barium			4.1	U	4.1	U	4.1	U			P
Cadmium			0.2	U	0.2	U	0.2	U			P
Chromium			0.3	U	0.3	U	0.3	U			P
Selenium			4.5	U	7.6		4.5	U			P
Silver			0.7	U	0.7	U	0.7	U			P

METALS

-3-

BLANKS

Contract: R2317243

Lab Code:

Case No.:

SAS No.:

SDG NO.: TT-3

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank	C	M
			1	C	2	C	3	C			
Arsenic			5.8	U							P
Barium			119.9	B							P
Cadmium			0.3	B							P
Chromium			0.7	B							P
Selenium			4.5	U							P
Silver			5.0	B							P

March 2, 2004

Ms. Judy Harry
Data Validation Services
120 Cobble Creek Road
P.O. Box 208
North Creek, New York 12853

Re: Bergmann Associates - 1200 E. Main Street site
Submission #R2317242, R2317243, R2318289 & R2318312 validation response

Dear Ms. Harry:

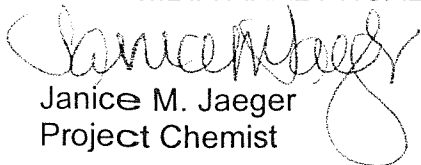
Enclosed are the responses to you questions received by fax on 02/12/04.

1. As we had discussed, I was going to provide the Form 8's for the locations that internal standards were outside limits. During the original analysis of TT-4A Sidewalls, all of the internal standards were outside limits. The sample was repeated and all of the internal standards were within limits so only the second analysis was reported, therefore it was an error on the case narrative that this location had internal standards outside limits. The Form 8's for Surface sample SSU-7 follow this letter.
2. The Batch Summary Forms for R2317242 and R2318312 follow this letter.
3. The run log for R2318312 includes the pH of the samples and follows this letter.
4. Pages 1277 through 1284 for R2318289 follow this letter.

Please contact me at (585) 288-5380 if you have any further questions or concerns.

Sincerely,

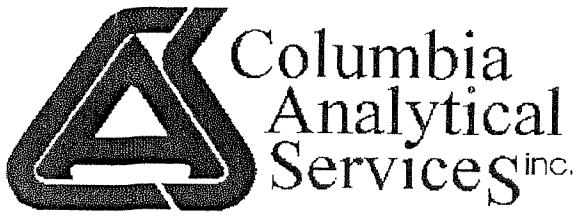
COLUMBIA ANALYTICAL SERVICES



Janice M. Jaeger
Project Chemist

cc: Mr Ed Jones - Bergmann Associates
cover letter only

2003
soil samples
SW-846
complete set
Data validated
pages
inserted



A FULL SERVICE ENVIRONMENTAL LABORATORY

August 4, 2003

Mr. Gary Flisnik
Bergmann Associates, P.C.
200 First Federal Plaza
28 East Main Street
Rochester, NY 14614

PROJECT: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
Submission #: R2317242

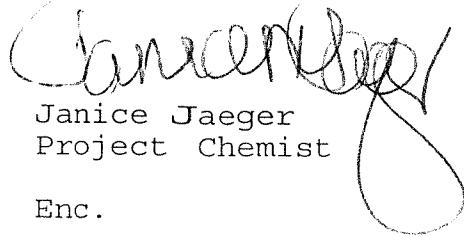
Dear Mr. Flisnik

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

A handwritten signature in dark ink, appearing to read "Janice Jaeger", is written over the typed name and title. The signature is fluid and cursive, with a large loop at the end.

Janice Jaeger
Project Chemist

Enc.

2003
supplemental-
method Blank
+
LAB control
Data
-soil samples



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
Lab Submission # : R2317242
Project Manager : Janice Jaeger
Reported : 08/04/03

Report Contains a total of 204 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. *Michael F. Perry*

CAS ASP/CLP BATCHING FORM / LOGIN SHEET

SDG #: TT-1
SUBMISSION R2317242
CLIENT: Bergmann Associates, P.C.
CLIENT REP: Janice Jaeger
PROJECT: CITY OF ROCHESTER 1200 E M

BATCH COMPLETE: yes
DISKETTE REQUESTED: Y X N
DATE: 02/19/04
CUSTODY SEAL: PRESENT/ABSENT:
CHAIN OF CUSTODY: PRESENT/ABSENT:

DATE REVISED:
DATE DUE:
PROTOCOL: SW846
SHIPPING No.:
SUMMARY PKG: Y X N

CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE SAMPLED	DATE RECEIVED	pH (SOLIDS)	% SOLIDS	REMARKS SAMPLE CONDITION
648781	TT-1	SOIL	8260,8270,PCB,RCRA MET*	6/18/03	6/18/03			
648782	TT-2	SOIL	8260,8270,PCB,RCRA MET*	6/17/03	6/17/03			
648784	TT-5	SOIL	8260,8270,PCB,RCRA MET*	6/17/03	6/17/03			
648785	TT-7	SOIL	8260,8270,PCB,RCRA MET*	6/16/03	6/16/03			
648786	TT-8	SOIL	8260,8270,PCB,RCRA MET*	6/16/03	6/16/03			
648787	TT-9	SOIL	8260,8270,PCB,RCRA MET*	6/16/03	6/16/03			
648788	TT-10	SOIL	8260,8270,PCB,RCRA MET*	6/16/03	6/16/03			
648789	TT-12	SOIL	8260,8270,PCB,RCRA MET*	6/17/03	6/17/03			
648790	FIELD DUP #2 TT-8	SOIL	8260,8270,PCB,RCRA MET	6/16/03	6/16/03			
648791	TT-4A SIDE WALLS	SOIL	8260,8270,PCB,RCRA MET*	6/20/03	6/20/03			
648794	FOUNDATION SAMPLE 2	SOIL	8260,8270,PCB,RCRA MET*	6/18/03	6/18/03			
648797	SURFACE SAMPLE SSU-7	SOIL	8260,8270,PCB,RCRA MET*	6/20/03	6/20/03			
648798	FOUNDATION SAMPLE 3	SOIL	8260,8270,PCB,RCRA MET*	6/18/03	6/18/03			
648803	SURFACE SAMPLE SSU-1	SOIL	8270,89-9,RCRA MET	6/20/03	6/20/03			
648804	SURFACE SAMPLE SSU-3	SOIL	8270,89-9,RCRA MET	6/20/03	6/20/03			
648805	SURFACE SAMPLE SSU-4	SOIL	8270,89-9,RCRA MET	6/20/03	6/20/03			
648806	SURFACE SAMPLE SSU-5	SOIL	8270,89-9,RCRA MET	6/20/03	6/20/03			
648808	TT-6	SOIL	8260,8270PCB,RCRA MET*	6/17/03	6/17/03			
649650	TT-12A	SOIL	8260,8270PCB,RCRA MET*	6/17/03	6/17/03			
650163	TT-13	SOIL	8260,8270PCB,RCRA MET*	6/18/03	6/18/03			
650927	TT-4B	SOIL	8260,8270PCB,RCRA MET*	6/20/03	6/20/03			
			*89-9					

CASE NARRATIVE

COMPANY: Bergmann Associates
City of Rochester 1200 E. Main Street Project #4453.02
SUBMISSION #: R2317243

Bergmann samples were collected on 06/16-20/03 and received at CAS on 06/16-20/03 in good condition

INORGANICS

Twenty one soil samples were analyzed for RCRA Metals by 6010/7000 from SW-846 and Ethylene Glycol by method 89-9.

Site specific QC was not requested for these samples. All Blank spike recoveries were within limits. All RPD's were within limits.

No other analytical or QC problems were encountered.

VOLATILE ORGANICS

Sixteen soil samples were analyzed for the new TCL list of Volatiles by Method 8260 from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits except TT-4A Side Walls and Surface sample SSU-7. The sample were repeated and the internal standards were still outside limits. Both sets of results have been reported out.

All surrogate standard recoveries were within QC limits except Dibromofluoromethane for Foundation Sample 2 and has been flagged with an "*". An MS/MSD was performed on this sample and confirmed the surrogate being outside limits.

Site specific QC was not requested for these samples. All Reference spike recoveries were within limits. All RPD's were within limits.

The Laboratory blanks associated with these samples were free of contamination except the 07/02/03 blank contained a low level hit for Bromomethane. No data was affected.

All samples were analyzed within required holding times.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

Twenty one soil samples were analyzed for TCL list of Semivolatiles by method 8270 from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within limits except Terphenyl-d14 for Surface Sample SSU-5 and has been flagged with an "*". The sample was re-extracted outside the recommended holding time of 14 days and reanalyzed and the surrogate was within limits the Blank spike/Blank spike duplicate associated with the sample had Benzo(b)fluoranthene and Benzo(k)fluoranthene outside limits high for the LCS and Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene and Benzo(g,h,i)perylene outside limits high for the LCSD. Both sets of data have been reported out. All surrogates were diluted out for Foundation sample 2 and Surface Sample SSU-4 and have been flagged with a "D"

Site specific QC was not requested for these samples. All Blank spike/Blank spike duplicate recoveries were within limits except as mentioned above. All RPD's were within limits.

TT-1 and TT-13 were analyzed at dilutions due to the preparation step yielding a dark extract.

The Laboratory Blanks associated with these analyses were free of contamination except the 07/16/03 blank contained a low level hit for Di-n-butylphthalate. No data was affected.

All samples were extracted and analyzed within holding times except as mentioned above.

No other analytical or QC problems were encountered.

PCB's

Twenty one soil samples was analyzed for the TCL list of PCB's by method 8082 from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within limits. All surrogates were diluted out for Foundation Sample 2 and has been flagged with a "D".

Site specific QC was not requested for these samples. All Blank spike/blank spike duplicate recoveries were within limits. All RPD's were within limits .

The Laboratory Blanks associated with these analyses were free of contamination.

All samples were extracted and analyzed within required holding times.

No other analytical or QC problems were encountered.



Effective 6/12/2003

ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated	NELAP Accredited
Delaware Accredited	New York ID # 10145
Connecticut ID # PH0556	New Jersey ID # NY004
Florida ID # E87674	New Hampshire ID # 294100 A/B
Massachusetts ID # M-NY032	Pennsylvania Registration 68-786
Navy Facilities Engineering Service Center Approved	Rhode Island ID # 158
Nebraska Accredited	South Carolina ID #91012
	West Virginia ID # 292



Effective 6/12/2003

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because of the presence of interference.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
NELAP Accredited

New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

QUALIFIED REPORT FORMS

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-1

Date Sampled : 06/18/03
Date Received: 06/18/03

Order #: 648781
Submission #: R2317242

Sample Matrix: SOIL/SEDIMENT

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.13 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	88.3	%	06/20/03	11:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-1

Date Sampled : 06/18/03

Order #: 648781

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/18/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	4.89	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	45.9	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.566 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	8.65	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	82.2	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.864	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.566 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.13 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
 Client Sample ID : TT-1

Date Sampled : 06/18/03 Order #: 648781 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/30/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.7 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.7 U	UG/KG
CYCLOHEXANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.7 U	UG/KG
1,3-DICHLOROENZENE	5.0	5.7 U	UG/KG
1,4-DICHLOROENZENE	5.0	5.7 U	UG/KG
1,2-DICHLOROENZENE	5.0	5.7 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.7 U	UG/KG
METHYL ACETATE	5.0	5.7 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.7 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-1

Date Sampled : 06/18/03 Order #: 648781 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/30/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	103	%
TOLUENE-D8	(83 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
 Client Sample ID : TT-1

Date Sampled : 06/18/03 Order #: 648781 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 06/27/03			
ANALYTICAL DILUTION: 5.00			Dry Weight
ACENAPHTHENE	330	1900 U	UG/KG
ACENAPHTHYLENE	330	1900 U	UG/KG
ACETOPHENONE	330	1900 U	UG/KG
ANTHRACENE	330	1900 U	UG/KG
ATRAZINE	330	1900 U	UG/KG
BENZALDEHYDE	330	1900 U	UG/KG
BENZO (A) ANTHRACENE	330	1900 U	UG/KG
BENZO (A) PYRENE	330	1900 U	UG/KG
BENZO (B) FLUORANTHENE	330	1900 U	UG/KG
BENZO (G, H, I) PERYLENE	330	1900 U	UG/KG
BENZO (K) FLUORANTHENE	330	1900 U	UG/KG
1,1'-BIPHENYL	330	1900 U	UG/KG
BUTYL BENZYL PHTHALATE	330	1900 U	UG/KG
DI-N-BUTYL PHTHALATE	330	1900 U	UG/KG
CAPROLACTAM	330	1900 U	UG/KG
CARBAZOLE	330	1900 U	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	1900 U	UG/KG
4-CHLOROANILINE	330	1900 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	1900 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	1900 U	UG/KG
2-CHLORONAPHTHALENE	330	1900 U	UG/KG
2-CHLOROPHENOL	330	1900 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	1900 U	UG/KG
CHRYSENE	330	1900 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	1900 U	UG/KG
DIBENZOFURAN	330	1900 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	1900 U	UG/KG
2,4-DICHLOROPHENOL	330	1900 U	UG/KG
DIETHYL PHTHALATE	330	1900 U	UG/KG
DIMETHYL PHTHALATE	330	1900 U	UG/KG
2,4-DIMETHYLPHENOL	330	1900 U	UG/KG
2,4-DINITROPHENOL	1700	9600 U	UG/KG
2,4-DINITROTOLUENE	330	1900 U	UG/KG
2,6-DINITROTOLUENE	330	1900 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	1900 U	UG/KG
FLUORANTHENE	330	1900 U	UG/KG
FLUORENE	330	1900 U	UG/KG
HEXACHLOROBENZENE	330	1900 U	UG/KG
HEXACHLOROBUTADIENE	330	1900 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	1900 U	UG/KG
HEXACHLOROETHANE	330	1900 U	UG/KG
ISOPHORONE	330	1900 U	UG/KG
2-METHYLNAPHTHALENE	330	1900 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
 Client Sample ID : TT-1

Date Sampled : 06/18/03 Order #: 648781 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	5.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	9600 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	1900 U	UG/KG
2-METHYLPHENOL	330	1900 U	UG/KG
4-METHYLPHENOL	330	1900 U	UG/KG
NAPHTHALENE	330	1900 U	UG/KG
2-NITROANILINE	1700	9600 U	UG/KG
3-NITROANILINE	1700	9600 U	UG/KG
4-NITROANILINE	1700	9600 U	UG/KG
NITROBENZENE	330	1900 U	UG/KG
2-NITROPHENOL	330	1900 U	UG/KG
4-NITROPHENOL	1700	9600 U	UG/KG
N-NITROSODIPHENYLAMINE	330	1900 U	UG/KG
DI-N-OCTYL PHTHALATE	330	1900 U	UG/KG
PENTACHLOROPHENOL	1700	9600 U	UG/KG
PHENANTHRENE	330	1900 U	UG/KG
PHENOL	330	1900 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	1900 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	1900 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	1900 U	UG/KG
PYRENE	330	1900 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	1900 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	1900 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	92	%
NITROBENZENE-d5	(18 - 130 %)	67	%
PHENOL-d6	(10 - 125 %)	90	%
2-FLUOROBIPHENYL	(23 - 130 %)	80	%
2-FLUOROPHENOL	(13 - 130 %)	79	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	91	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-1

Date Sampled : 06/18/03 Order #: 648781 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 07/08/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	37 U	UG/KG
PCB 1260	33	37 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBI PHENYL	(37 - 156 %)	111	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	111	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-2

Date Sampled : 06/17/03	Order #: 648782	Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03	Submission #: R2317242	

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.12 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	89.3	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-2

Date Sampled : 06/17/03

Order #: 648782

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/17/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	6.35	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	61.4	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.560 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	9.29	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	89.2	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.216	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.560 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.12 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-2

Date Sampled : 06/17/03 Order #: 648782 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 89.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	100	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	24	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.6 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.6 U	UG/KG
CYCLOHEXANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.6 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.6 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.6 U	UG/KG
METHYL ACETATE	5.0	5.6 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.6 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	5.6 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	5.6 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-2

Date Sampled : 06/17/03 Order #: 648782 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 89.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.6 U	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	113	%
TOLUENE-D8	(83 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	103	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-2

Date Sampled : 06/17/03 Order #: 648782 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 89.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	3.00		Dry Weight
ACENAPHTHENE	330	1100 U	UG/KG
ACENAPHTHYLENE	330	1100 U	UG/KG
ACETOPHENONE	330	1100 U	UG/KG
ANTHRACENE	330	1100 U	UG/KG
ATRAZINE	330	1100 U	UG/KG
BENZALDEHYDE	330	1100 U	UG/KG
BENZO (A) ANTHRACENE	330	2700	UG/KG
BENZO (A) PYRENE	330	2400	UG/KG
BENZO (B) FLUORANTHENE	330	2000	UG/KG
BENZO (G, H, I) PERYLENE	330	1700	UG/KG
BENZO (K) FLUORANTHENE	330	2000	UG/KG
1,1'-BIPHENYL	330	1100 U	UG/KG
BUTYL BENZYL PHTHALATE	330	1100 U	UG/KG
DI-N-BUTYLPHTHALATE	330	1100 U	UG/KG
CAPROLACTAM	330	1100 U	UG/KG
CARBAZOLE	330	1100 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	1600	UG/KG
4-CHLOROANILINE	330	1100 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	1100 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	1100 U	UG/KG
2-CHLORONAPHTHALENE	330	1100 U	UG/KG
2-CHLOROPHENOL	330	1100 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	1100 U	UG/KG
CHRYSENE	330	2600	UG/KG
DIBENZO (A, H) ANTHRACENE	330	1100 U	UG/KG
DIBENZOFURAN	330	1100 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	1100 U	UG/KG
2,4-DICHLOROPHENOL	330	1100 U	UG/KG
DIETHYLPHTHALATE	330	1100 U	UG/KG
DIMETHYL PHTHALATE	330	1100 U	UG/KG
2,4-DIMETHYLPHENOL	330	1100 U	UG/KG
2,4-DINITROPHENOL	1700	5700 U	UG/KG
2,4-DINITROTOLUENE	330	1100 U	UG/KG
2,6-DINITROTOLUENE	330	1100 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	1100 U	UG/KG
FLUORANTHENE	330	5500	UG/KG
FLUORENE	330	1100 U	UG/KG
HEXACHLOROENZENE	330	1100 U	UG/KG
HEXACHLOROBUTADIENE	330	1100 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	1100 U	UG/KG
HEXACHLOROETHANE	330	1100 U	UG/KG
ISOPHORONE	330	1100 U	UG/KG
2-METHYLNAPHTHALENE	330	1100 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-2

Date Sampled : 06/17/03 Order #: 648782 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 89.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 06/27/03			
ANALYTICAL DILUTION: 3.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	5700 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	1100 U	UG/KG
2-METHYLPHENOL	330	1100 U	UG/KG
4-METHYLPHENOL	330	1100 U	UG/KG
NAPHTHALENE	330	1100 U	UG/KG
2-NITROANILINE	1700	5700 U	UG/KG
3-NITROANILINE	1700	5700 U	UG/KG
4-NITROANILINE	1700	5700 U	UG/KG
NITROBENZENE	330	1100 U	UG/KG
2-NITROPHENOL	330	1100 U	UG/KG
4-NITROPHENOL	1700	5700 U	UG/KG
N-NITROSODIPHENYLAMINE	330	1100 U	UG/KG
DI-N-OCTYL PHTHALATE	330	1100 U	UG/KG
PENTACHLOROPHENOL	1700	5700 U	UG/KG
PHENANTHRENE	330	2100	UG/KG
PHENOL	330	1100 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	1100 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	1100 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	1100 U	UG/KG
PYRENE	330	4000	UG/KG
2,4,6-TRICHLOROPHENOL	330	1100 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	1100 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(19 - 145 %)	87	%
NITROBENZENE-d5	(18 - 130 %)	58	%
PHENOL-d6	(10 - 125 %)	76	%
2-FLUOROBIPHENYL	(23 - 130 %)	73	%
2-FLUOROPHENOL	(13 - 130 %)	62	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	95	%

18A

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-2

Date Sampled : 06/17/03 Order #: 648782 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 89.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/08/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	37 U	UG/KG
PCB 1260	33	37 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL	(37 - 156 %)	124	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	124	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
Client Sample ID : TT-5

Date Sampled : 06/17/03 Order #: 648784 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.11 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	90.3	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-5

Date Sampled : 06/17/03

Order #: 648784

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/17/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	5.50	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	32.4	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.554 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	8.28	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	38.5	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.0520	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.554 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.11 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-5

Date Sampled : 06/17/03 Order #: 648784 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 90.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	22 U	UG/KG
BENZENE	5.0	5.5 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.5 U	UG/KG
BROMOFORM	5.0	5.5 U	UG/KG
BROMOMETHANE	5.0	5.5 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.5 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.5 U	UG/KG
CHLORO BENZENE	5.0	5.5 U	UG/KG
CHLOROETHANE	5.0	5.5 U	UG/KG
CHLOROFORM	5.0	5.5 U	UG/KG
CHLOROMETHANE	5.0	5.5 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.5 U	UG/KG
CYCLOHEXANE	5.0	5.5 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.5 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.5 U	UG/KG
1,3-DICHLORO BENZENE	5.0	5.5 U	UG/KG
1,4-DICHLORO BENZENE	5.0	5.5 U	UG/KG
1,2-DICHLORO BENZENE	5.0	5.5 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.5 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.5 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.5 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.5 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.5 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.5 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.5 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.5 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.5 U	UG/KG
ETHYLBENZENE	5.0	5.5 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.5 U	UG/KG
METHYL ACETATE	5.0	5.5 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.5 U	UG/KG
METHYLENE CHLORIDE	5.0	5.5 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.5 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.5 U	UG/KG
TETRACHLOROETHENE	5.0	5.5 U	UG/KG
TOLUENE	5.0	5.5 U	UG/KG
1,2,4-TRICHLORO BENZENE	5.0	5.5 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.5 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.5 U	UG/KG
TRICHLOROETHENE	5.0	5.5 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-5

Date Sampled : 06/17/03 Order #: 648784 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 90.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.5 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.5 U	UG/KG
VINYL CHLORIDE	5.0	5.5 U	UG/KG
O-XYLENE	5.0	5.5 U	UG/KG
M+P-XYLENE	5.0	5.5 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(68 - 128 %)	97	%
TOLUENE-D8	(83 - 117 %)	93	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-5

Date Sampled : 06/17/03 Order #: 648784 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 90.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	370 U	UG/KG
ACENAPHTHYLENE	330	370 U	UG/KG
ACETOPHENONE	330	370 U	UG/KG
ANTHRACENE	330	370 U	UG/KG
ATRAZINE	330	370 U	UG/KG
BENZALDEHYDE	330	370 U	UG/KG
BENZO (A) ANTHRACENE	330	55 J	UG/KG
BENZO (A) PYRENE	330	60 J	UG/KG
BENZO (B) FLUORANTHENE	330	45 J	UG/KG
BENZO (G, H, I) PERYLENE	330	55 J	UG/KG
BENZO (K) FLUORANTHENE	330	59 J	UG/KG
1,1'-BIPHENYL	330	370 U	UG/KG
BUTYL BENZYL PHTHALATE	330	370 U	UG/KG
DI-N-BUTYLPHTHALATE	330	48 J	UG/KG
CAPROLACTAM	330	370 U	UG/KG
CARBAZOLE	330	370 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	44 J	UG/KG
4-CHLOROANILINE	330	370 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	370 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	370 U	UG/KG
2-CHLORONAPHTHALENE	330	370 U	UG/KG
2-CHLOROPHENOL	330	370 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	370 U	UG/KG
CHRYSENE	330	55 J	UG/KG
DIBENZO (A, H) ANTHRACENE	330	370 U	UG/KG
DIBENZOFURAN	330	370 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	370 U	UG/KG
2,4-DICHLOROPHENOL	330	370 U	UG/KG
DIETHYLPHTHALATE	330	370 U	UG/KG
DIMETHYL PHTHALATE	330	370 U	UG/KG
2,4-DIMETHYLPHENOL	330	370 U	UG/KG
2,4-DINITROPHENOL	1700	1900 U	UG/KG
2,4-DINITROTOLUENE	330	370 U	UG/KG
2,6-DINITROTOLUENE	330	370 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	370 U	UG/KG
FLUORANTHENE	330	94 J	UG/KG
FLUORENE	330	370 U	UG/KG
HEXACHLOROBENZENE	330	370 U	UG/KG
HEXACHLOROBUTADIENE	330	370 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	370 U	UG/KG
HEXACHLOROETHANE	330	370 U	UG/KG
ISOPHORONE	330	370 U	UG/KG
2-METHYLNAPHTHALENE	330	370 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-5

Date Sampled : 06/17/03 Order #: 648784 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 90.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	1900 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	370 U	UG/KG
2-METHYLPHENOL	330	370 U	UG/KG
4-METHYLPHENOL	330	370 U	UG/KG
NAPHTHALENE	330	370 U	UG/KG
2-NITROANILINE	1700	1900 U	UG/KG
3-NITROANILINE	1700	1900 U	UG/KG
4-NITROANILINE	1700	1900 U	UG/KG
NITROBENZENE	330	370 U	UG/KG
2-NITROPHENOL	330	370 U	UG/KG
4-NITROPHENOL	1700	1900 U	UG/KG
N-NITROSODIPHENYLAMINE	330	370 U	UG/KG
DI-N-OCTYL PHTHALATE	330	370 U	UG/KG
PENTACHLOROPHENOL	1700	1900 U	UG/KG
PHENANTHRENE	330	38 J	UG/KG
PHENOL	330	370 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	370 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	370 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	370 U	UG/KG
PYRENE	330	81 J	UG/KG
2,4,6-TRICHLOROPHENOL	330	370 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	370 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	86	%
NITROBENZENE-d5	(18 - 130 %)	77	%
PHENOL-d6	(10 - 125 %)	86	%
2-FLUOROBIPHENYL	(23 - 130 %)	79	%
2-FLUOROPHENOL	(13 - 130 %)	69	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	99	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-5

Date Sampled : 06/17/03 Order #: 648784 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 90.3

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/08/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	37 U	UG/KG
PCB 1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	98	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	93	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-7

Date Sampled : 06/16/03 Order #: 648785 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.14 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	87.7	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-7

Date Sampled : 06/16/03

Order #: 648785

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/16/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	7.89	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	63.4	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.649	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	10.5	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	140	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.202	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.570 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.14 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-7

Date Sampled : 06/16/03 Order #: 648785 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 87.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.7 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.7 U	UG/KG
CYCLOHEXANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.7 U	UG/KG
1,3-DICHLOROENZENE	5.0	5.7 U	UG/KG
1,4-DICHLOROENZENE	5.0	5.7 U	UG/KG
1,2-DICHLOROENZENE	5.0	5.7 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.7 U	UG/KG
METHYL ACETATE	5.0	5.7 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.7 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-7

Date Sampled : 06/16/03 Order #: 648785 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 87.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(68 - 128 %)	103	%
TOLUENE-D8	(83 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	103	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-7

Date Sampled : 06/16/03 Order #: 648785 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 87.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	2.00		Dry Weight
ACENAPHTHENE	330	750 U	UG/KG
ACENAPHTHYLENE	330	750 U	UG/KG
ACETOPHENONE	330	750 U	UG/KG
ANTHRACENE	330	750 U	UG/KG
ATRAZINE	330	750 U	UG/KG
BENZALDEHYDE	330	750 U	UG/KG
BENZO (A) ANTHRACENE	330	750 U	UG/KG
BENZO (A) PYRENE	330	750 U	UG/KG
BENZO (B) FLUORANTHENE	330	750 U	UG/KG
BENZO (G, H, I) PERYLENE	330	750 U	UG/KG
BENZO (K) FLUORANTHENE	330	750 U	UG/KG
1, 1' -BIPHENYL	330	750 U	UG/KG
BUTYL BENZYL PHTHALATE	330	750 U	UG/KG
DI-N-BUTYLPHTHALATE	330	750 U	UG/KG
CAPROLACTAM	330	750 U	UG/KG
CARBAZOLE	330	750 U	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	750 U	UG/KG
4-CHLOROANILINE	330	750 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	750 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	750 U	UG/KG
2-CHLORONAPHTHALENE	330	750 U	UG/KG
2-CHLOROPHENOL	330	750 U	UG/KG
2, 2' -OXYBIS (1-CHLOROPROPANE)	330	750 U	UG/KG
CHRYSENE	330	750 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	750 U	UG/KG
DIBENZOFURAN	330	750 U	UG/KG
3, 3' -DICHLOROBENZIDINE	330	750 U	UG/KG
2, 4-DICHLOROPHENOL	330	750 U	UG/KG
DIETHYLPHTHALATE	330	750 U	UG/KG
DIMETHYL PHTHALATE	330	750 U	UG/KG
2, 4-DIMETHYLPHENOL	330	750 U	UG/KG
2, 4-DINITROPHENOL	1700	3900 U	UG/KG
2, 4-DINITROTOLUENE	330	750 U	UG/KG
2, 6-DINITROTOLUENE	330	750 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	750 U	UG/KG
FLUORANTHENE	330	1400	UG/KG
FLUORENE	330	750 U	UG/KG
HEXACHLOROBENZENE	330	750 U	UG/KG
HEXACHLOROBUTADIENE	330	750 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	750 U	UG/KG
HEXACHLOROETHANE	330	750 U	UG/KG
ISOPHORONE	330	750 U	UG/KG
2-METHYLNAPHTHALENE	330	750 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-7

Date Sampled : 06/16/03 Order #: 648785 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 87.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	2.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	3900 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	750 U	UG/KG
2-METHYLPHENOL	330	750 U	UG/KG
4-METHYLPHENOL	330	750 U	UG/KG
NAPHTHALENE	330	750 U	UG/KG
2-NITROANILINE	1700	3900 U	UG/KG
3-NITROANILINE	1700	3900 U	UG/KG
4-NITROANILINE	1700	3900 U	UG/KG
NITROBENZENE	330	750 U	UG/KG
2-NITROPHENOL	330	750 U	UG/KG
4-NITROPHENOL	1700	3900 U	UG/KG
N-NITROSODIPHENYLAMINE	330	750 U	UG/KG
DI-N-OCTYL PHTHALATE	330	750 U	UG/KG
PENTACHLOROPHENOL	1700	3900 U	UG/KG
PHENANTHRENE	330	750 U	UG/KG
PHENOL	330	750 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	750 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	750 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	750 U	UG/KG
PYRENE	330	890	UG/KG
2,4,6-TRICHLOROPHENOL	330	750 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	750 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(19 - 145 %)	78	%
NITROBENZENE-d5	(18 - 130 %)	62	%
PHENOL-d6	(10 - 125 %)	75	%
2-FLUOROBIPHENYL	(23 - 130 %)	73	%
2-FLUOROPHENOL	(13 - 130 %)	62	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	83	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-7

Date Sampled : 06/16/03 Order #: 648785 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 87.7

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/08/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	38 U	UG/KG
PCB 1221	33	38 U	UG/KG
PCB 1232	33	38 U	UG/KG
PCB 1242	33	38 U	UG/KG
PCB 1248	33	38 U	UG/KG
PCB 1254	33	38 U	UG/KG
PCB 1260	33	38 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	111	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	114	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-8

Date Sampled : 06/16/03

Order #: 648786

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/16/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.13 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	88.6	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-8

Date Sampled : 06/16/03

Order #: 648786

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/16/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	6.83	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	55.6	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	1.19	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	10.3	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	83.6	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.119	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.564 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.13 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-8

Date Sampled : 06/16/03 Order #: 648786 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 88.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.6 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.6 U	UG/KG
CYCLOHEXANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.6 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.6 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.6 U	UG/KG
METHYL ACETATE	5.0	5.6 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.6 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	5.6 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	5.6 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-8

Date Sampled : 06/16/03 Order #: 648786 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 88.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.6 U	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	111	%
TOLUENE-D8	(83 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	107	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-8

Date Sampled : 06/16/03 Order #: 648786 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 88.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	370 U	UG/KG
ACENAPHTHYLENE	330	370 U	UG/KG
ACETOPHENONE	330	370 U	UG/KG
ANTHRACENE	330	370 U	UG/KG
ATRAZINE	330	370 U	UG/KG
BENZALDEHYDE	330	370 U	UG/KG
BENZO (A) ANTHRACENE	330	370 U	UG/KG
BENZO (A) PYRENE	330	370 U	UG/KG
BENZO (B) FLUORANTHENE	330	370 U	UG/KG
BENZO (G, H, I) PERYLENE	330	370 U	UG/KG
BENZO (K) FLUORANTHENE	330	370 U	UG/KG
1,1'-BIPHENYL	330	370 U	UG/KG
BUTYL BENZYL PHTHALATE	330	370 U	UG/KG
DI-N-BUTYLPHTHALATE	330	370 U	UG/KG
CAPROLACTAM	330	370 U	UG/KG
CARBAZOLE	330	370 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	370 U	UG/KG
4-CHLOROANILINE	330	370 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	370 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	370 U	UG/KG
2-CHLORONAPHTHALENE	330	370 U	UG/KG
2-CHLOROPHENOL	330	370 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	370 U	UG/KG
CHRYSENE	330	370 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	370 U	UG/KG
DIBENZOFURAN	330	370 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	370 U	UG/KG
2,4-DICHLOROPHENOL	330	370 U	UG/KG
DIETHYLPHTHALATE	330	370 U	UG/KG
DIMETHYL PHTHALATE	330	370 U	UG/KG
2,4-DIMETHYLPHENOL	330	370 U	UG/KG
2,4-DINITROPHENOL	1700	1900 U	UG/KG
2,4-DINITROTOLUENE	330	370 U	UG/KG
2,6-DINITROTOLUENE	330	370 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	370 U	UG/KG
FLUORANTHENE	330	370 U	UG/KG
FLUORENE	330	370 U	UG/KG
HEXACHLOROBENZENE	330	370 U	UG/KG
HEXACHLOROBUTADIENE	330	370 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	370 U	UG/KG
HEXACHLOROETHANE	330	370 U	UG/KG
ISOPHORONE	330	370 U	UG/KG
2-METHYLNAPHTHALENE	330	370 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-8

Date Sampled : 06/16/03 Order #: 648786 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 88.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	1900 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	370 U	UG/KG
2-METHYLPHENOL	330	370 U	UG/KG
4-METHYLPHENOL	330	370 U	UG/KG
NAPHTHALENE	330	370 U	UG/KG
2-NITROANILINE	1700	1900 U	UG/KG
3-NITROANILINE	1700	1900 U	UG/KG
4-NITROANILINE	1700	1900 U	UG/KG
NITROBENZENE	330	370 U	UG/KG
2-NITROPHENOL	330	370 U	UG/KG
4-NITROPHENOL	1700	1900 U	UG/KG
N-NITROSODIPHENYLAMINE	330	370 U	UG/KG
DI-N-OCTYL PHTHALATE	330	370 U	UG/KG
PENTACHLOROPHENOL	1700	1900 U	UG/KG
PHENANTHRENE	330	370 U	UG/KG
PHENOL	330	370 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	370 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	370 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	370 U	UG/KG
PYRENE	330	370 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	370 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	370 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(19 - 145 %)	78	%
NITROBENZENE-d5	(18 - 130 %)	81	%
PHENOL-d6	(10 - 125 %)	86	%
2-FLUOROBIPHENYL	(23 - 130 %)	79	%
2-FLUOROPHENOL	(13 - 130 %)	70	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	98	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-8

Date Sampled : 06/16/03 Order #: 648786 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 88.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 07/09/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	66	UG/KG
PCB 1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	114	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	104	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
Client Sample ID : TT-9

Date Sampled : 06/16/03 Order #: 648787 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.19 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	84.2	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-9

Date Sampled : 06/16/03

Order #: 648787

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/16/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	4.73	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	44.7	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.594 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	8.55	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	33.5	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.0922	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.594 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.19 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-9

Date Sampled : 06/16/03 Order #: 648787 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 84.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.9 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.9 U	UG/KG
CYCLOHEXANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.9 U	UG/KG
1,3-DICHLOROENZENE	5.0	5.9 U	UG/KG
1,4-DICHLOROENZENE	5.0	5.9 U	UG/KG
1,2-DICHLOROENZENE	5.0	5.9 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	5.9 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	5.9 U	UG/KG
METHYL ACETATE	5.0	5.9 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.9 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-9

Date Sampled : 06/16/03 Order #: 648787 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 84.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	5.9 U	UG/KG
M+P-XYLENE	5.0	5.9 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	106	%
TOLUENE-D8	(83 - 117 %)	95	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-9

Date Sampled : 06/16/03 Order #: 648787 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 84.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	390 U	UG/KG
ACENAPHTHYLENE	330	390 U	UG/KG
ACETOPHENONE	330	390 U	UG/KG
ANTHRACENE	330	390 U	UG/KG
ATRAZINE	330	390 U	UG/KG
BENZALDEHYDE	330	390 U	UG/KG
BENZO (A) ANTHRACENE	330	390 U	UG/KG
BENZO (A) PYRENE	330	390 U	UG/KG
BENZO (B) FLUORANTHENE	330	390 U	UG/KG
BENZO (G, H, I) PERYLENE	330	390 U	UG/KG
BENZO (K) FLUORANTHENE	330	390 U	UG/KG
1,1'-BIPHENYL	330	390 U	UG/KG
BUTYL BENZYL PHTHALATE	330	390 U	UG/KG
DI-N-BUTYLPHTHALATE	330	390 U	UG/KG
CAPROLACTAM	330	390 U	UG/KG
CARBAZOLE	330	390 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	390 U	UG/KG
4-CHLOROANILINE	330	390 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	390 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	390 U	UG/KG
2-CHLORONAPHTHALENE	330	390 U	UG/KG
2-CHLOROPHENOL	330	390 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	390 U	UG/KG
CHRYSENE	330	390 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	390 U	UG/KG
DIBENZOFURAN	330	390 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	390 U	UG/KG
2,4-DICHLOROPHENOL	330	390 U	UG/KG
DIETHYLPHTHALATE	330	390 U	UG/KG
DIMETHYL PHTHALATE	330	390 U	UG/KG
2,4-DIMETHYLPHENOL	330	390 U	UG/KG
2,4-DINITROPHENOL	1700	2000 U	UG/KG
2,4-DINITROTOLUENE	330	390 U	UG/KG
2,6-DINITROTOLUENE	330	390 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	390 U	UG/KG
FLUORANTHENE	330	390 U	UG/KG
FLUORENE	330	390 U	UG/KG
HEXACHLORO BENZENE	330	390 U	UG/KG
HEXACHLORO BUTADIENE	330	390 U	UG/KG
HEXACHLORO CYCLOPENTADIENE	330	390 U	UG/KG
HEXACHLOROETHANE	330	390 U	UG/KG
ISOPHORONE	330	390 U	UG/KG
2-METHYLNAPHTHALENE	330	390 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-9

Date Sampled : 06/16/03 **Order #:** 648787 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 84.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	390 U	UG/KG
2-METHYLPHENOL	330	390 U	UG/KG
4-METHYLPHENOL	330	390 U	UG/KG
NAPHTHALENE	330	390 U	UG/KG
2-NITROANILINE	1700	2000 U	UG/KG
3-NITROANILINE	1700	2000 U	UG/KG
4-NITROANILINE	1700	2000 U	UG/KG
NITROBENZENE	330	390 U	UG/KG
2-NITROPHENOL	330	390 U	UG/KG
4-NITROPHENOL	1700	2000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	390 U	UG/KG
DI-N-OCTYL PHTHALATE	330	390 U	UG/KG
PENTACHLOROPHENOL	1700	2000 U	UG/KG
PHENANTHRENE	330	390 U	UG/KG
PHENOL	330	390 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	390 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	390 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	390 U	UG/KG
PYRENE	330	390 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	390 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	390 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	78	%
NITROBENZENE-d5	(18 - 130 %)	82	%
PHENOL-d6	(10 - 125 %)	84	%
2-FLUOROBIPHENYL	(23 - 130 %)	86	%
2-FLUOROPHENOL	(13 - 130 %)	70	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	102	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-9

Date Sampled : 06/16/03 **Order #:** 648787 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 84.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/09/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	39 U	UG/KG
PCB 1221	33	39 U	UG/KG
PCB 1232	33	39 U	UG/KG
PCB 1242	33	39 U	UG/KG
PCB 1248	33	39 U	UG/KG
PCB 1254	33	39 U	UG/KG
PCB 1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBI PHENYL	(37 - 156 %)	110	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	103	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-10

Date Sampled : 06/16/03 Order #: 648788 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.16 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	85.9	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-10

Date Sampled : 06/16/03

Order #: 648788

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/16/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	6.93	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	75.3	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.847	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	11.9	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	157	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.156	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.582 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.16 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-10

Date Sampled : 06/16/03 **Order #:** 648788 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 85.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.8 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.8 U	UG/KG
CYCLOHEXANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.8 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.8 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.8 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.8 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	5.8 U	UG/KG
METHYL ACETATE	5.0	5.8 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.8 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-10

Date Sampled : 06/16/03 Order #: 648788 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 85.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	106	%
TOLUENE-D8	(83 - 117 %)	94	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	101	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-10

Date Sampled : 06/16/03 Order #: 648788 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 85.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	380 U	UG/KG
ACENAPHTHYLENE	330	380 U	UG/KG
ACETOPHENONE	330	380 U	UG/KG
ANTHRACENE	330	380 U	UG/KG
ATRAZINE	330	380 U	UG/KG
BENZALDEHYDE	330	380 U	UG/KG
BENZO (A) ANTHRACENE	330	380 U	UG/KG
BENZO (A) PYRENE	330	380 U	UG/KG
BENZO (B) FLUORANTHENE	330	380 U	UG/KG
BENZO (G, H, I) PERYLENE	330	380 U	UG/KG
BENZO (K) FLUORANTHENE	330	380 U	UG/KG
1,1'-BIPHENYL	330	380 U	UG/KG
BUTYL BENZYL PHTHALATE	330	380 U	UG/KG
DI-N-BUTYLPHTHALATE	330	380 U	UG/KG
CAPROLACTAM	330	380 U	UG/KG
CARBAZOLE	330	380 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	380 U	UG/KG
4-CHLOROANILINE	330	380 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	380 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	380 U	UG/KG
2-CHLORONAPHTHALENE	330	380 U	UG/KG
2-CHLOROPHENOL	330	380 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	380 U	UG/KG
CHRYSENE	330	380 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	380 U	UG/KG
DIBENZOFURAN	330	380 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	380 U	UG/KG
2,4-DICHLOROPHENOL	330	380 U	UG/KG
DIETHYLPHTHALATE	330	380 U	UG/KG
DIMETHYL PHTHALATE	330	380 U	UG/KG
2,4-DIMETHYLPHENOL	330	380 U	UG/KG
2,4-DINITROPHENOL	1700	2000 U	UG/KG
2,4-DINITROTOLUENE	330	380 U	UG/KG
2,6-DINITROTOLUENE	330	380 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	380 U	UG/KG
FLUORANTHENE	330	610	UG/KG
FLUORENE	330	380 U	UG/KG
HEXACHLOROBENZENE	330	380 U	UG/KG
HEXACHLOROBUTADIENE	330	380 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	380 U	UG/KG
HEXACHLOROETHANE	330	380 U	UG/KG
ISOPHORONE	330	380 U	UG/KG
2-METHYLNAPHTHALENE	330	380 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-10

Date Sampled : 06/16/03 **Order #:** 648788 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 85.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	380 U	UG/KG
2-METHYLPHENOL	330	380 U	UG/KG
4-METHYLPHENOL	330	380 U	UG/KG
NAPHTHALENE	330	380 U	UG/KG
2-NITROANILINE	1700	2000 U	UG/KG
3-NITROANILINE	1700	2000 U	UG/KG
4-NITROANILINE	1700	2000 U	UG/KG
NITROBENZENE	330	380 U	UG/KG
2-NITROPHENOL	330	380 U	UG/KG
4-NITROPHENOL	1700	2000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	380 U	UG/KG
DI-N-OCTYL PHTHALATE	330	380 U	UG/KG
PENTACHLOROPHENOL	1700	2000 U	UG/KG
PHENANTHRENE	330	380 U	UG/KG
PHENOL	330	380 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	380 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	380 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	380 U	UG/KG
PYRENE	330	420	UG/KG
2,4,6-TRICHLOROPHENOL	330	380 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	380 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	76	%
NITROBENZENE-d5	(18 - 130 %)	80	%
PHENOL-d6	(10 - 125 %)	79	%
2-FLUOROBIPHENYL	(23 - 130 %)	80	%
2-FLUOROPHENOL	(13 - 130 %)	65	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	96	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-10

Date Sampled : 06/16/03 **Order #:** 648788 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 85.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/09/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	38 U	UG/KG
PCB 1221	33	38 U	UG/KG
PCB 1232	33	38 U	UG/KG
PCB 1242	33	38 U	UG/KG
PCB 1248	33	38 U	UG/KG
PCB 1254	33	38 U	UG/KG
PCB 1260	33	38 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBI PHENYL	(37 - 156 %)	108	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	109	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 Order #: 648789 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.20	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	83.5	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03
Date Received: 06/17/03

Order #: 648789
Submission #: R2317242

Sample Matrix: SOIL/SEDIMENT

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	5.70	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	54.6	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.599 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	9.45	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	51.4	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.182	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.691	MG/KG	07/25/03	1.0
SILVER	6010B	1.00	1.20 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 Order #: 648789 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 83.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	300 260-E	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	47	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	6.0 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	6.0 U	UG/KG
CYCLOHEXANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	6.0 U	UG/KG
1,3-DICHLOROBENZENE	5.0	6.0 U	UG/KG
1,4-DICHLOROBENZENE	5.0	6.0 U	UG/KG
1,2-DICHLOROBENZENE	5.0	6.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	6.0 U	UG/KG
METHYL ACETATE	5.0	6.0 U	UG/KG
METHYLCYCLOHEXANE	5.0	6.0 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 Order #: 648789 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 83.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(68 - 128 %)	110	%
TOLUENE-D8	(83 - 117 %)	99	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 Order #: 648789 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 83.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/00		
ANALYTICAL DILUTION:	2.00		Dry Weight
ACETONE	20	300	UG/KG
BENZENE	5.0	12 U	UG/KG
BROMODICHLOROMETHANE	5.0	12 U	UG/KG
BROMOFORM	5.0	12 U	UG/KG
BROMOMETHANE	5.0	12 U	UG/KG
2-BUTANONE (MEK)	10	72	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	12 U	UG/KG
CARBON DISULFIDE	10	24 U	UG/KG
CARBON TETRACHLORIDE	5.0	12 U	UG/KG
CHLOROBENZENE	5.0	12 U	UG/KG
CHLOROETHANE	5.0	12 U	UG/KG
CHLOROFORM	5.0	12 U	UG/KG
CHLOROMETHANE	5.0	12 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	12 U	UG/KG
CYCLOHEXANE	5.0	12 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	12 U	UG/KG
1,2-DIBROMOETHANE	5.0	12 U	UG/KG
1,3-DICHLOROBENZENE	5.0	12 U	UG/KG
1,4-DICHLOROBENZENE	5.0	12 U	UG/KG
1,2-DICHLOROBENZENE	5.0	12 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	12 U	UG/KG
1,1-DICHLOROETHANE	5.0	12 U	UG/KG
1,2-DICHLOROETHANE	5.0	12 U	UG/KG
1,1-DICHLOROETHENE	5.0	12 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	12 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	12 U	UG/KG
1,2-DICHLOROPROPANE	5.0	12 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	12 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	12 U	UG/KG
ETHYLBENZENE	5.0	12 U	UG/KG
2-HEXANONE	10	24 U	UG/KG
ISOPROPYLBENZENE	5.0	12 U	UG/KG
METHYL ACETATE	5.0	12 U	UG/KG
METHYLCYCLOHEXANE	5.0	12 U	UG/KG
METHYLENE CHLORIDE	5.0	12 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	24 U	UG/KG
STYRENE	5.0	12 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	12 U	UG/KG
TETRACHLOROETHENE	5.0	12 U	UG/KG
TOLUENE	5.0	12 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	12 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	12 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	12 U	UG/KG
TRICHLOROETHENE	5.0	12 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 Order #: 648789 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 83.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/00		
ANALYTICAL DILUTION:	2.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	12 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	12 U	UG/KG
VINYL CHLORIDE	5.0	12 U	UG/KG
O-XYLENE	5.0	12 U	UG/KG
M+P-XYLENE	5.0	12 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	104	%
TOLUENE-D8	(83 - 117 %)	94	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 Order #: 648789 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 83.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	400 U	UG/KG
ACENAPHTHYLENE	330	400 U	UG/KG
ACETOPHENONE	330	400 U	UG/KG
ANTHRACENE	330	400 U	UG/KG
ATRAZINE	330	400 U	UG/KG
BENZALDEHYDE	330	400 U	UG/KG
BENZO (A) ANTHRACENE	330	400 U	UG/KG
BENZO (A) PYRENE	330	400 U	UG/KG
BENZO (B) FLUORANTHENE	330	400 U	UG/KG
BENZO (G, H, I) PERYLENE	330	400 U	UG/KG
BENZO (K) FLUORANTHENE	330	400 U	UG/KG
1,1'-BIPHENYL	330	400 U	UG/KG
BUTYL BENZYL PHTHALATE	330	400 U	UG/KG
DI-N-BUTYLPHTHALATE	330	400 U	UG/KG
CAPROLACTAM	330	400 U	UG/KG
CARBAZOLE	330	400 U	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	400 U	UG/KG
4-CHLOROANILINE	330	400 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	400 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	400 U	UG/KG
2-CHLORONAPHTHALENE	330	400 U	UG/KG
2-CHLOROPHENOL	330	400 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	400 U	UG/KG
CHRYSENE	330	400 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	400 U	UG/KG
DIBENZOFURAN	330	400 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	400 U	UG/KG
2,4-DICHLOROPHENOL	330	400 U	UG/KG
DIETHYLPHTHALATE	330	400 U	UG/KG
DIMETHYL PHTHALATE	330	400 U	UG/KG
2,4-DIMETHYLPHENOL	330	400 U	UG/KG
2,4-DINITROPHENOL	1700	2000 U	UG/KG
2,4-DINITROTOLUENE	330	400 U	UG/KG
2,6-DINITROTOLUENE	330	400 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	400 U	UG/KG
FLUORANTHENE	330	400 U	UG/KG
FLUORENE	330	400 U	UG/KG
HEXACHLORO BENZENE	330	400 U	UG/KG
HEXACHLORO BUTADIENE	330	400 U	UG/KG
HEXACHLORO CYCLOPENTADIENE	330	400 U	UG/KG
HEXACHLOROETHANE	330	400 U	UG/KG
ISOPHORONE	330	400 U	UG/KG
2-METHYLNAPHTHALENE	330	400 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 **Order #:** 648789 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/17/03 **Submission #:** R2317242 **Percent Solid:** 83.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	400 U	UG/KG
2-METHYLPHENOL	330	400 U	UG/KG
4-METHYLPHENOL	330	400 U	UG/KG
NAPHTHALENE	330	400 U	UG/KG
2-NITROANILINE	1700	2000 U	UG/KG
3-NITROANILINE	1700	2000 U	UG/KG
4-NITROANILINE	1700	2000 U	UG/KG
NITROBENZENE	330	400 U	UG/KG
2-NITROPHENOL	330	400 U	UG/KG
4-NITROPHENOL	1700	2000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	400 U	UG/KG
DI-N-OCTYL PHTHALATE	330	400 U	UG/KG
PENTACHLOROPHENOL	1700	2000 U	UG/KG
PHENANTHRENE	330	400 U	UG/KG
PHENOL	330	400 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	400 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	400 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	400 U	UG/KG
PYRENE	330	400 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	400 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	400 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	78	%
NITROBENZENE-d5	(18 - 130 %)	77	%
PHENOL-d6	(10 - 125 %)	80	%
2-FLUOROBIPHENYL	(23 - 130 %)	81	%
2-FLUOROPHENOL	(13 - 130 %)	65	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12

Date Sampled : 06/17/03 **Order #:** 648789 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/17/03 **Submission #:** R2317242 **Percent Solid:** 83.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/09/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	40 U	UG/KG
PCB 1221	33	40 U	UG/KG
PCB 1232	33	40 U	UG/KG
PCB 1242	33	40 U	UG/KG
PCB 1248	33	40 U	UG/KG
PCB 1254	33	40 U	UG/KG
PCB 1260	33	40 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	113	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	96	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #2 TT-8

Date Sampled : 06/16/03 Order #: 648790 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.0	1.0	89.1	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #2 TT-8

Date Sampled : 06/16/03 Order #: 648790 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	7.08	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	54.0	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.829	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	11.6	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	90.0	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.0892	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.561 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.12 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #2 TT-8

Date Sampled : 06/16/03 Order #: 648790 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 89.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	22 U	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.6 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.6 U	UG/KG
CYCLOHEXANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.6 U	UG/KG
1,3-DICHLOROENZENE	5.0	5.6 U	UG/KG
1,4-DICHLOROENZENE	5.0	5.6 U	UG/KG
1,2-DICHLOROENZENE	5.0	5.6 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.6 U	UG/KG
METHYL ACETATE	5.0	5.6 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.6 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	5.6 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	5.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	5.6 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #2 TT-8

Date Sampled : 06/16/03 Order #: 648790 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/16/03 Submission #: R2317242 Percent Solid: 89.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.6 U	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	112	%
TOLUENE-D8	(83 - 117 %)	99	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	96	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #2 TT-8

Date Sampled : 06/16/03 **Order #:** 648790 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 89.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	370 U	UG/KG
ACENAPHTHYLENE	330	370 U	UG/KG
ACETOPHENONE	330	370 U	UG/KG
ANTHRACENE	330	370 U	UG/KG
ATRAZINE	330	370 U	UG/KG
BENZALDEHYDE	330	370 U	UG/KG
BENZO (A) ANTHRACENE	330	370 U	UG/KG
BENZO (A) PYRENE	330	370 U	UG/KG
BENZO (B) FLUORANTHENE	330	370 U	UG/KG
BENZO (G, H, I) PERYLENE	330	370 U	UG/KG
BENZO (K) FLUORANTHENE	330	370 U	UG/KG
1,1'-BIPHENYL	330	370 U	UG/KG
BUTYL BENZYL PHTHALATE	330	370 U	UG/KG
DI-N-BUTYLPHTHALATE	330	370 U	UG/KG
CAPROLACTAM	330	370 U	UG/KG
CARBAZOLE	330	370 U	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	370 U	UG/KG
4-CHLOROANILINE	330	370 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	370 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	370 U	UG/KG
2-CHLORONAPHTHALENE	330	370 U	UG/KG
2-CHLOROPHENOL	330	370 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	370 U	UG/KG
CHRYSENE	330	370 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	370 U	UG/KG
DIBENZOFURAN	330	370 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	370 U	UG/KG
2,4-DICHLOROPHENOL	330	370 U	UG/KG
DIETHYLPHTHALATE	330	370 U	UG/KG
DIMETHYL PHTHALATE	330	370 U	UG/KG
2,4-DIMETHYLPHENOL	330	370 U	UG/KG
2,4-DINITROPHENOL	1700	1900 U	UG/KG
2,4-DINITROTOLUENE	330	370 U	UG/KG
2,6-DINITROTOLUENE	330	370 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	370 U	UG/KG
FLUORANTHENE	330	370 U	UG/KG
FLUORENE	330	370 U	UG/KG
HEXACHLOROENZENE	330	370 U	UG/KG
HEXACHLOROBUTADIENE	330	370 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	370 U	UG/KG
HEXACHLOROETHANE	330	370 U	UG/KG
ISOPHORONE	330	370 U	UG/KG
2-METHYLNAPHTHALENE	330	370 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #2 TT-8

Date Sampled : 06/16/03 **Order #:** 648790 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 89.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	1900 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	370 U	UG/KG
2-METHYLPHENOL	330	370 U	UG/KG
4-METHYLPHENOL	330	370 U	UG/KG
NAPHTHALENE	330	370 U	UG/KG
2-NITROANILINE	1700	1900 U	UG/KG
3-NITROANILINE	1700	1900 U	UG/KG
4-NITROANILINE	1700	1900 U	UG/KG
NITROBENZENE	330	370 U	UG/KG
2-NITROPHENOL	330	370 U	UG/KG
4-NITROPHENOL	1700	1900 U	UG/KG
N-NITROSODIPHENYLAMINE	330	370 U	UG/KG
DI-N-OCTYL PHTHALATE	330	370 U	UG/KG
PENTACHLOROPHENOL	1700	1900 U	UG/KG
PHENANTHRENE	330	370 U	UG/KG
PHENOL	330	370 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	370 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	370 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	370 U	UG/KG
PYRENE	330	370 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	370 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	370 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	80	%
NITROBENZENE-d5	(18 - 130 %)	74	%
PHENOL-d6	(10 - 125 %)	81	%
2-FLUOROBIPHENYL	(23 - 130 %)	76	%
2-FLUOROPHENOL	(13 - 130 %)	63	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	95	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FIELD DUP #2 TT-8

Date Sampled : 06/16/03 **Order #:** 648790 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/16/03 **Submission #:** R2317242 **Percent Solid:** 89.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/09/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	55	UG/KG
PCB 1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	109	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	101	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4A SIDE WALLS

Date Sampled : 06/20/03 Order #: 648791 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.21 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	82.8	%	06/25/03	11:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4A SIDE WALLS

Date Sampled : 06/20/03

Order #: 648791

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	5.89	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	42.4	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.604 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	10.4	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	30.9	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.0386	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.604 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.21 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4A SIDE WALLS

Date Sampled : 06/20/03 Order #: 648791 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 82.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/00		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	6.0 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	6.0 U	UG/KG
CYCLOHEXANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	6.0 U	UG/KG
1,3-DICHLOROENZENE	5.0	6.0 U	UG/KG
1,4-DICHLOROENZENE	5.0	6.0 U	UG/KG
1,2-DICHLOROENZENE	5.0	6.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	6.0 U	UG/KG
METHYL ACETATE	5.0	6.0 U	UG/KG
METHYLCYCLOHEXANE	5.0	6.0 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4A SIDE WALLS

Date Sampled : 06/20/03 Order #: 648791 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 82.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/00		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	6.0 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	110	%
TOLUENE-D8	(83 - 117 %)	80	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	102	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4A SIDE WALLS

Date Sampled : 06/20/03 Order #: 648791 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 82.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	400 U	UG/KG
ACENAPHTHYLENE	330	400 U	UG/KG
ACETOPHENONE	330	400 U	UG/KG
ANTHRACENE	330	400 U	UG/KG
ATRAZINE	330	400 U	UG/KG
BENZALDEHYDE	330	400 U	UG/KG
BENZO (A) ANTHRACENE	330	400 U	UG/KG
BENZO (A) PYRENE	330	400 U	UG/KG
BENZO (B) FLUORANTHENE	330	400 U	UG/KG
BENZO (G, H, I) PERYLENE	330	400 U	UG/KG
BENZO (K) FLUORANTHENE	330	400 U	UG/KG
1,1'-BIPHENYL	330	400 U	UG/KG
BUTYL BENZYL PHTHALATE	330	400 U	UG/KG
DI-N-BUTYLPHTHALATE	330	400 U	UG/KG
CAPROLACTAM	330	400 U	UG/KG
CARBAZOLE	330	400 U	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	400 U	UG/KG
4-CHLOROANILINE	330	400 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	400 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	400 U	UG/KG
2-CHLORONAPHTHALENE	330	400 U	UG/KG
2-CHLOROPHENOL	330	400 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	400 U	UG/KG
CHRYSENE	330	400 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	400 U	UG/KG
DIBENZOFURAN	330	400 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	400 U	UG/KG
2,4-DICHLOROPHENOL	330	400 U	UG/KG
DIETHYLPHTHALATE	330	400 U	UG/KG
DIMETHYL PHTHALATE	330	400 U	UG/KG
2,4-DIMETHYLPHENOL	330	400 U	UG/KG
2,4-DINITROPHENOL	1700	2100 U	UG/KG
2,4-DINITROTOLUENE	330	400 U	UG/KG
2,6-DINITROTOLUENE	330	400 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	400 U	UG/KG
FLUORANTHENE	330	400 U	UG/KG
FLUORENE	330	400 U	UG/KG
HEXACHLORO BENZENE	330	400 U	UG/KG
HEXACHLORO BUTADIENE	330	400 U	UG/KG
HEXACHLORO CYCLOPENTADIENE	330	400 U	UG/KG
HEXACHLOROETHANE	330	400 U	UG/KG
ISOPHORONE	330	400 U	UG/KG
2-METHYLNAPHTHALENE	330	400 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4A SIDE WALLS

Date Sampled : 06/20/03 **Order #:** 648791 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 82.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2100 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	400 U	UG/KG
2-METHYLPHENOL	330	400 U	UG/KG
4-METHYLPHENOL	330	400 U	UG/KG
NAPHTHALENE	330	400 U	UG/KG
2-NITROANILINE	1700	2100 U	UG/KG
3-NITROANILINE	1700	2100 U	UG/KG
4-NITROANILINE	1700	2100 U	UG/KG
NITROBENZENE	330	400 U	UG/KG
2-NITROPHENOL	330	400 U	UG/KG
4-NITROPHENOL	1700	2100 U	UG/KG
N-NITROSODIPHENYLAMINE	330	400 U	UG/KG
DI-N-OCTYL PHTHALATE	330	400 U	UG/KG
PENTACHLOROPHENOL	1700	2100 U	UG/KG
PHENANTHRENE	330	400 U	UG/KG
PHENOL	330	400 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	400 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	400 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	400 U	UG/KG
PYRENE	330	400 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	400 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	400 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	74	%
NITROBENZENE-d5	(18 - 130 %)	78	%
PHENOL-d6	(10 - 125 %)	80	%
2-FLUOROBIPHENYL	(23 - 130 %)	81	%
2-FLUOROPHENOL	(13 - 130 %)	66	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4A SIDE WALLS

Date Sampled : 06/20/03 Order #: 648791 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 82.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/29/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	40 U	UG/KG
PCB 1221	33	40 U	UG/KG
PCB 1232	33	40 U	UG/KG
PCB 1242	33	40 U	UG/KG
PCB 1248	33	40 U	UG/KG
PCB 1254	33	40 U	UG/KG
PCB 1260	33	40 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	103	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	81	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 2

Date Sampled : 06/18/03 Order #: 648794 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.18 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	85.0	%	06/20/03	11:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 2

Date Sampled : 06/18/03

Order #: 648794

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/18/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	6.36	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	164	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	8.35	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	39.6	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	1320	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.281	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.588 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.18 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 2

Date Sampled : 06/18/03 Order #: 648794 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 85.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	625.00		Dry Weight
ACETONE	20	15000 U	UG/KG
BENZENE	5.0	3700 U	UG/KG
BROMODICHLOROMETHANE	5.0	3700 U	UG/KG
BROMOFORM	5.0	3700 U	UG/KG
BROMOMETHANE	5.0	3700 U	UG/KG
2-BUTANONE (MEK)	10	7400 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	3700 U	UG/KG
CARBON DISULFIDE	10	7400 U	UG/KG
CARBON TETRACHLORIDE	5.0	3700 U	UG/KG
CHLOROBENZENE	5.0	3700 U	UG/KG
CHLOROETHANE	5.0	3700 U	UG/KG
CHLOROFORM	5.0	3700 U	UG/KG
CHLOROMETHANE	5.0	3700 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	3700 U	UG/KG
CYCLOHEXANE	5.0	3700 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	3700 U	UG/KG
1,2-DIBROMOETHANE	5.0	3700 U	UG/KG
1,3-DICHLOROBENZENE	5.0	3700 U	UG/KG
1,4-DICHLOROBENZENE	5.0	3700 U	UG/KG
1,2-DICHLOROBENZENE	5.0	3700 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	3700 U	UG/KG
1,1-DICHLOROETHANE	5.0	3700 U	UG/KG
1,2-DICHLOROETHANE	5.0	3700 U	UG/KG
1,1-DICHLOROETHENE	5.0	3700 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	3700 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	3700 U	UG/KG
1,2-DICHLOROPROPANE	5.0	3700 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	3700 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	3700 U	UG/KG
ETHYLBENZENE	5.0	5300	UG/KG
2-HEXANONE	10	7400 U	UG/KG
ISOPROPYLBENZENE	5.0	3700 U	UG/KG
METHYL ACETATE	5.0	3700 U	UG/KG
METHYLCYCLOHEXANE	5.0	14000	UG/KG
METHYLENE CHLORIDE	5.0	3700 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	7400 U	UG/KG
STYRENE	5.0	3700 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	3700 U	UG/KG
TETRACHLOROETHENE	5.0	3700 U	UG/KG
TOLUENE	5.0	3700 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	3700 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	3700 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	3700 U	UG/KG
TRICHLOROETHENE	5.0	3700 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 2

Date Sampled : 06/18/03 Order #: 648794 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 85.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	625.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	3700 U	J UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	3700 U	UG/KG
VINYL CHLORIDE	5.0	3700 U	UG/KG
O-XYLENE	5.0	6100	UG/KG
M+P-XYLENE	5.0	21000	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(68 - 128 %)	113	%
TOLUENE-D8	(83 - 117 %)	109	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	39 *	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 2

Date Sampled : 06/18/03 Order #: 648794 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 85.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 07/03/03			
ANALYTICAL DILUTION: 25.00			Dry Weight
ACENAPHTHENE	330	9700 U	UG/KG
ACENAPHTHYLENE	330	9700 U	UG/KG
ACETOPHENONE	330	9700 U	UG/KG
ANTHRACENE	330	9700 U	UG/KG
ATRAZINE	330	9700 U	UG/KG
BENZALDEHYDE	330	9700 U	UG/KG
BENZO (A) ANTHRACENE	330	9700 U	UG/KG
BENZO (A) PYRENE	330	9700 U	UG/KG
BENZO (B) FLUORANTHENE	330	9700 U	UG/KG
BENZO (G, H, I) PERYLENE	330	9700 U	UG/KG
BENZO (K) FLUORANTHENE	330	9700 U	UG/KG
1, 1' -BIPHENYL	330	9700 U	UG/KG
BUTYL BENZYL PHTHALATE	330	20000	UG/KG
DI-N-BUTYLPHTHALATE	330	10000	UG/KG
CAPROLACTAM	330	9700 U	UG/KG
CARBAZOLE	330	9700 U	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	9700 U	UG/KG
4-CHLOROANILINE	330	9700 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	9700 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	9700 U	UG/KG
2-CHLORONAPHTHALENE	330	9700 U	UG/KG
2-CHLOROPHENOL	330	9700 U	UG/KG
2, 2' -OXYBIS (1-CHLOROPROPANE)	330	9700 U	UG/KG
CHRYSENE	330	9700 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	9700 U	UG/KG
DIBENZOFURAN	330	9700 U	UG/KG
3, 3' -DICHLOROBENZIDINE	330	9700 U	UG/KG
2, 4-DICHLOROPHENOL	330	9700 U	UG/KG
DIETHYLPHTHALATE	330	9700 U	UG/KG
DIMETHYL PHTHALATE	330	9700 U	UG/KG
2, 4-DIMETHYLPHENOL	330	9700 U	UG/KG
2, 4-DINITROPHENOL	1700	50000 U	UG/KG
2, 4-DINITROTOLUENE	330	9700 U	UG/KG
2, 6-DINITROTOLUENE	330	9700 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	35000	UG/KG
FLUORANTHENE	330	25000	UG/KG
FLUORENE	330	9700 U	UG/KG
HEXACHLOROBENZENE	330	9700 U	UG/KG
HEXACHLOROBUTADIENE	330	9700 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	9700 U	UG/KG
HEXACHLOROETHANE	330	9700 U	UG/KG
ISOPHORONE	330	9700 U	UG/KG
2-METHYLNAPHTHALENE	330	53000	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
 Client Sample ID : FOUNDATION SAMPLE 2

Date Sampled : 06/18/03 Order #: 648794 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 85.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	25.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	50000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	9700 U	UG/KG
2-METHYLPHENOL	330	9700 U	UG/KG
4-METHYLPHENOL	330	9700 U	UG/KG
NAPHTHALENE	330	33000	UG/KG
2-NITROANILINE	1700	50000 U	UG/KG
3-NITROANILINE	1700	50000 U	UG/KG
4-NITROANILINE	1700	50000 U	UG/KG
NITROBENZENE	330	9700 U	UG/KG
2-NITROPHENOL	330	9700 U	UG/KG
4-NITROPHENOL	1700	50000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	9700 U	UG/KG
DI-N-OCTYL PHTHALATE	330	9700 U	UG/KG
PENTACHLOROPHENOL	1700	50000 U	UG/KG
PHENANTHRENE	330	15000	UG/KG
PHENOL	330	9700 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	9700 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	9700 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	9700 U	UG/KG
PYRENE	330	16000	UG/KG
2,4,6-TRICHLOROPHENOL	330	9700 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	9700 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(19 - 145 %)	D	%
NITROBENZENE-d5	(18 - 130 %)	D	%
PHENOL-d6	(10 - 125 %)	D	%
2-FLUOROBIPHENYL	(23 - 130 %)	D	%
2-FLUOROPHENOL	(13 - 130 %)	D	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	D	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 2

Date Sampled : 06/18/03 Order #: 648794 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 85.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/30/03		
ANALYTICAL DILUTION:	20.00		Dry Weight
PCB 1016	33	780 U	UG/KG
PCB 1221	33	780 U	UG/KG
PCB 1232	33	780 U	UG/KG
PCB 1242	33	2800	UG/KG
PCB 1248	33	780 U	UG/KG
PCB 1254	33	780 U	UG/KG
PCB 1260	33	780 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	D	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	D	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03

Order #: 648797

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.07 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	93.8	%	06/25/03	11:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03

Order #: 648797

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	11.6	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	179	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	1.79	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	20.0	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	1050	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.402	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.533 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.40	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03 Order #: 648797 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 93.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	21 U	UG/KG
BENZENE	5.0	5.3 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.3 U	UG/KG
BROMOFORM	5.0	5.3 U	UG/KG
BROMOMETHANE	5.0	5.3 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.3 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.3 U	UG/KG
CHLOROBENZENE	5.0	5.3 U	UG/KG
CHLOROETHANE	5.0	5.3 U	UG/KG
CHLOROFORM	5.0	5.3 U	UG/KG
CHLOROMETHANE	5.0	5.3 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.3 U	UG/KG
CYCLOHEXANE	5.0	5.3 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.3 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.3 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.3 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.3 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.3 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.3 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.3 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.3 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.3 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.3 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.3 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.3 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.3 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.3 U	UG/KG
ETHYLBENZENE	5.0	5.3 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.3 U	UG/KG
METHYL ACETATE	5.0	5.3 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.3 U	UG/KG
METHYLENE CHLORIDE	5.0	5.3 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.3 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.3 U	UG/KG
TETRACHLOROETHENE	5.0	5.3 U	UG/KG
TOLUENE	5.0	5.3 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.3 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.3 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.3 U	UG/KG
TRICHLOROETHENE	5.0	5.3 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03 Order #: 648797 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 93.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.3 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.3 U	UG/KG
VINYL CHLORIDE	5.0	5.3 U	UG/KG
O-XYLENE	5.0	5.3 U	UG/KG
M+P-XYLENE	5.0	5.3 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	127	%
TOLUENE-D8	(83 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03 Order #: 648797 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 93.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/00		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	21 U	UG/KG
BENZENE	5.0	5.3 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.3 U	UG/KG
BROMOFORM	5.0	5.3 U	UG/KG
BROMOMETHANE	5.0	5.3 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.3 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.3 U	UG/KG
CHLOROBENZENE	5.0	5.3 U	UG/KG
CHLOROETHANE	5.0	5.3 U	UG/KG
CHLOROFORM	5.0	5.3 U	UG/KG
CHLOROMETHANE	5.0	5.3 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.3 U	UG/KG
CYCLOHEXANE	5.0	5.3 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.3 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.3 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.3 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.3 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.3 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.3 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.3 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.3 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.3 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.3 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.3 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.3 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.3 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.3 U	UG/KG
ETHYLBENZENE	5.0	5.3 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.3 U	UG/KG
METHYL ACETATE	5.0	5.3 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.3 U	UG/KG
METHYLENE CHLORIDE	5.0	5.3 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.3 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.3 U	UG/KG
TETRACHLOROETHENE	5.0	5.3 U	UG/KG
TOLUENE	5.0	5.3 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.3 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.3 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.3 U	UG/KG
TRICHLOROETHENE	5.0	5.3 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03 Order #: 648797 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 93.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/00		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.3 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.3 U	UG/KG
VINYL CHLORIDE	5.0	5.3 U	UG/KG
O-XYLENE	5.0	5.3 U	UG/KG
M+P-XYLENE	5.0	5.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(68 - 128 %)	116	%
TOLUENE-D8	(83 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03 Order #: 648797 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 93.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	3.00		Dry Weight
ACENAPHTHENE	330	1100 U	UG/KG
ACENAPHTHYLENE	330	1100 U	UG/KG
ACETOPHENONE	330	1100 U	UG/KG
ANTHRACENE	330	1100 U	UG/KG
ATRAZINE	330	1100 U	UG/KG
BENZALDEHYDE	330	1100 U	UG/KG
BENZO (A) ANTHRACENE	330	1300	UG/KG
BENZO (A) PYRENE	330	1400	UG/KG
BENZO (B) FLUORANTHENE	330	1500	UG/KG
BENZO (G, H, I) PERYLENE	330	1100 U	UG/KG
BENZO (K) FLUORANTHENE	330	1300	UG/KG
1, 1' -BIPHENYL	330	1100 U	UG/KG
BUTYL BENZYL PHTHALATE	330	1100 U	UG/KG
DI-N-BUTYLPHTHALATE	330	1100 U	UG/KG
CAPROLACTAM	330	1100 U	UG/KG
CARBAZOLE	330	1100 U	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	1100 U	UG/KG
4-CHLOROANILINE	330	1100 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	1100 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	1100 U	UG/KG
2-CHLORONAPHTHALENE	330	1100 U	UG/KG
2-CHLOROPHENOL	330	1100 U	UG/KG
2, 2' -OXYBIS (1-CHLOROPROPANE)	330	1100 U	UG/KG
CHRYSENE	330	1600	UG/KG
DIBENZO (A, H) ANTHRACENE	330	1100 U	UG/KG
DIBENZOFURAN	330	1100 U	UG/KG
3, 3' -DICHLOROBENZIDINE	330	1100 U	UG/KG
2, 4-DICHLOROPHENOL	330	1100 U	UG/KG
DIETHYLPHTHALATE	330	1100 U	UG/KG
DIMETHYL PHTHALATE	330	1100 U	UG/KG
2, 4-DIMETHYLPHENOL	330	1100 U	UG/KG
2, 4-DINITROPHENOL	1700	5400 U	UG/KG
2, 4-DINITROTOLUENE	330	1100 U	UG/KG
2, 6-DINITROTOLUENE	330	1100 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	4200	UG/KG
FLUORANTHENE	330	3000	UG/KG
FLUORENE	330	1100 U	UG/KG
HEXACHLOROBENZENE	330	1100 U	UG/KG
HEXACHLOROBUTADIENE	330	1100 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	1100 U	UG/KG
HEXACHLOROETHANE	330	1100 U	UG/KG
ISOPHORONE	330	1100 U	UG/KG
2-METHYLNAPHTHALENE	330	1100 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03 Order #: 648797 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 93.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/27/03			
DATE ANALYZED : 07/03/03			
ANALYTICAL DILUTION: 3.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	5400 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	1100 U	UG/KG
2-METHYLPHENOL	330	1100 U	UG/KG
4-METHYLPHENOL	330	1100 U	UG/KG
NAPHTHALENE	330	1100 U	UG/KG
2-NITROANILINE	1700	5400 U	UG/KG
3-NITROANILINE	1700	5400 U	UG/KG
4-NITROANILINE	1700	5400 U	UG/KG
NITROBENZENE	330	1100 U	UG/KG
2-NITROPHENOL	330	1100 U	UG/KG
4-NITROPHENOL	1700	5400 U	UG/KG
N-NITROSODIPHENYLAMINE	330	1100 U	UG/KG
DI-N-OCTYL PHTHALATE	330	1100 U	UG/KG
PENTACHLOROPHENOL	1700	5400 U	UG/KG
PHENANTHRENE	330	1100 U	UG/KG
PHENOL	330	1100 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	1100 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	1100 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	1100 U	UG/KG
PYRENE	330	1900	UG/KG
2,4,6-TRICHLOROPHENOL	330	1100 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	1100 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(19 - 145 %)	77	%
NITROBENZENE-d5	(18 - 130 %)	84	%
PHENOL-d6	(10 - 125 %)	83	%
2-FLUOROBIPHENYL	(23 - 130 %)	87	%
2-FLUOROPHENOL	(13 - 130 %)	73	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	101	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-7

Date Sampled : 06/20/03 **Order #:** 648797 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 93.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/29/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	35 U	UG/KG
PCB 1221	33	35 U	UG/KG
PCB 1232	33	35 U	UG/KG
PCB 1242	33	35 U	UG/KG
PCB 1248	33	35 U	UG/KG
PCB 1254	33	120	UG/KG
PCB 1260	33	92	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	114	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	105	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 3

Date Sampled : 06/18/03 Order #: 648798 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.23	MG/KG	07/10/03	11:00	1.0
PERCENT SOLIDS	160.0	1.0	88.5	%	06/20/03	11:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 3

Date Sampled : 06/18/03

Order #: 648798

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/18/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	6.23	MG/KG	07/10/03	1.0
BARIUM	6010B	2.00	64.2	MG/KG	07/10/03	1.0
CADMIUM	6010B	0.500	1.15	MG/KG	07/17/03	1.0
CHROMIUM	6010B	1.00	8.85	MG/KG	07/10/03	1.0
LEAD	6010B	5.00	131	MG/KG	07/17/03	1.0
MERCURY	7471A	0.0500	0.242	MG/KG	07/03/03	1.0
SELENIUM	6010B	0.500	0.565 U	MG/KG	07/10/03	1.0
SILVER	6010B	1.00	1.13 U	MG/KG	07/10/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 3

Date Sampled : 06/18/03 Order #: 648798 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/30/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.6 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.6 U	UG/KG
CYCLOHEXANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.6 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.6 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.6 U	UG/KG
METHYL ACETATE	5.0	5.6 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.6 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	5.6 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	5.6 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 3

Date Sampled : 06/18/03 Order #: 648798 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.6 U	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(68 - 128 %)	105	%
TOLUENE-D8	(83 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 3

Date Sampled : 06/18/03 Order #: 648798 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 07/01/03		
DATE ANALYZED	: 07/15/03		
ANALYTICAL DILUTION:	5.00		Dry Weight
ACENAPHTHENE	330	1900 U	UG/KG
ACENAPHTHYLENE	330	1900 U	UG/KG
ACETOPHENONE	330	1900 U	UG/KG
ANTHRACENE	330	310 J	UG/KG
ATRAZINE	330	1900 U	UG/KG
BENZALDEHYDE	330	1900 U	UG/KG
BENZO (A) ANTHRACENE	330	1100 J	UG/KG
BENZO (A) PYRENE	330	1000 J	UG/KG
BENZO (B) FLUORANTHENE	330	950 J	UG/KG
BENZO (G, H, I) PERYLENE	330	630 J	UG/KG
BENZO (K) FLUORANTHENE	330	950 J	UG/KG
1, 1' -BIPHENYL	330	1900 U	UG/KG
BUTYL BENZYL PHTHALATE	330	1900 U	UG/KG
DI-N-BUTYLPHTHALATE	330	1900 U	UG/KG
CAPROLACTAM	330	1900 U	UG/KG
CARBAZOLE	330	320 J	UG/KG
INDENO (1, 2, 3-CD) PYRENE	330	600 J	UG/KG
4-CHLOROANILINE	330	1900 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	1900 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	1900 U	UG/KG
2-CHLORONAPHTHALENE	330	1900 U	UG/KG
2-CHLOROPHENOL	330	1900 U	UG/KG
2, 2' -OXYBIS (1-CHLOROPROPANE)	330	1900 U	UG/KG
CHRYSENE	330	1100 J	UG/KG
DIBENZO (A, H) ANTHRACENE	330	210 J	UG/KG
DIBENZOFURAN	330	1900 U	UG/KG
3, 3' -DICHLOROBENZIDINE	330	1900 U	UG/KG
2, 4-DICHLOROPHENOL	330	1900 U	UG/KG
DIETHYLPHTHALATE	330	1900 U	UG/KG
DIMETHYL PHTHALATE	330	1900 U	UG/KG
2, 4-DIMETHYLPHENOL	330	1900 U	UG/KG
2, 4-DINITROPHENOL	1700	9600 U	UG/KG
2, 4-DINITROTOLUENE	330	1900 U	UG/KG
2, 6-DINITROTOLUENE	330	1900 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	1900 U	UG/KG
FLUORANTHENE	330	2600	UG/KG
FLUORENE	330	1900 U	UG/KG
HEXACHLOROBENZENE	330	1900 U	UG/KG
HEXACHLOROBUTADIENE	330	1900 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	1900 U	UG/KG
HEXACHLOROETHANE	330	1900 U	UG/KG
ISOPHORONE	330	1900 U	UG/KG
2-METHYLNAPHTHALENE	330	1900 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 3

Date Sampled : 06/18/03 Order #: 648798 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 07/01/03		
DATE ANALYZED	: 07/15/03		
ANALYTICAL DILUTION:	5.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	9600 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	1900 U	UG/KG
2-METHYLPHENOL	330	1900 U	UG/KG
4-METHYLPHENOL	330	1900 U	UG/KG
NAPHTHALENE	330	1900 U	UG/KG
2-NITROANILINE	1700	9600 U	UG/KG
3-NITROANILINE	1700	9600 U	UG/KG
4-NITROANILINE	1700	9600 U	UG/KG
NITROBENZENE	330	1900 U	UG/KG
2-NITROPHENOL	330	1900 U	UG/KG
4-NITROPHENOL	1700	9600 U	UG/KG
N-NITROSODIPHENYLAMINE	330	1900 U	UG/KG
DI-N-OCTYL PHTHALATE	330	1900 U	UG/KG
PENTACHLOROPHENOL	1700	9600 U	UG/KG
PHENANTHRENE	330	1700 J	UG/KG
PHENOL	330	1900 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	1900 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	1900 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	1900 U	UG/KG
PYRENE	330	1900	UG/KG
2,4,6-TRICHLOROPHENOL	330	1900 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	1900 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(19 - 145 %)	117	%
NITROBENZENE-d5	(18 - 130 %)	93	%
PHENOL-d6	(10 - 125 %)	94	%
2-FLUOROBIPHENYL	(23 - 130 %)	82	%
2-FLUOROPHENOL	(13 - 130 %)	78	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	108	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : FOUNDATION SAMPLE 3

Date Sampled : 06/18/03 Order #: 648798 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 88.5

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/01/03			
DATE ANALYZED : 07/30/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	130	UG/KG
PCB 1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	99	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	93	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-1

Date Sampled : 06/20/03 Order #: 648803 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.15 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	86.6	%	06/25/03	11:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-1

Date Sampled : 06/20/03

Order #: 648803

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	5.99	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	48.2	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	1.43	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	13.2	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	181	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.128	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.577 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.15 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-1

Date Sampled : 06/20/03 Order #: 648803 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 86.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	10.00		Dry Weight
ACENAPHTHENE	330	3800 U	UG/KG
ACENAPHTHYLENE	330	3800 U	UG/KG
ACETOPHENONE	330	3800 U	UG/KG
ANTHRACENE	330	3800 U	UG/KG
ATRAZINE	330	3800 U	UG/KG
BENZALDEHYDE	330	3800 U	UG/KG
BENZO (A) ANTHRACENE	330	3900	UG/KG
BENZO (A) PYRENE	330	3800 U	UG/KG
BENZO (B) FLUORANTHENE	330	3800 U	UG/KG
BENZO (G, H, I) PERYLENE	330	3800 U	UG/KG
BENZO (K) FLUORANTHENE	330	3800 U	UG/KG
1,1'-BIPHENYL	330	3800 U	UG/KG
BUTYL BENZYL PHTHALATE	330	3800 U	UG/KG
DI-N-BUTYLPHTHALATE	330	3800 U	UG/KG
CAPROLACTAM	330	3800 U	UG/KG
CARBAZOLE	330	3800 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	3800 U	UG/KG
4-CHLOROANILINE	330	3800 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	3800 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	3800 U	UG/KG
2-CHLORONAPHTHALENE	330	3800 U	UG/KG
2-CHLOROPHENOL	330	3800 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	3800 U	UG/KG
CHRYSENE	330	4000	UG/KG
DIBENZO (A, H) ANTHRACENE	330	3800 U	UG/KG
DIBENZOFURAN	330	3800 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	3800 U	UG/KG
2,4-DICHLOROPHENOL	330	3800 U	UG/KG
DIETHYLPHTHALATE	330	3800 U	UG/KG
DIMETHYL PHTHALATE	330	3800 U	UG/KG
2,4-DIMETHYLPHENOL	330	3800 U	UG/KG
2,4-DINITROPHENOL	1700	20000 U	UG/KG
2,4-DINITROTOLUENE	330	3800 U	UG/KG
2,6-DINITROTOLUENE	330	3800 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	3800 U	UG/KG
FLUORANTHENE	330	9800	UG/KG
FLUORENE	330	3800 U	UG/KG
HEXACHLOROBENZENE	330	3800 U	UG/KG
HEXACHLOROBUTADIENE	330	3800 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	3800 U	UG/KG
HEXACHLOROETHANE	330	3800 U	UG/KG
ISOPHORONE	330	3800 U	UG/KG
2-METHYLNAPHTHALENE	330	3800 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-1

Date Sampled : 06/20/03 Order #: 648803 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 86.6

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/27/03			
DATE ANALYZED : 07/03/03			
ANALYTICAL DILUTION: 10.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	20000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	3800 U	UG/KG
2-METHYLPHENOL	330	3800 U	UG/KG
4-METHYLPHENOL	330	3800 U	UG/KG
NAPHTHALENE	330	3800 U	UG/KG
2-NITROANILINE	1700	20000 U	UG/KG
3-NITROANILINE	1700	20000 U	UG/KG
4-NITROANILINE	1700	20000 U	UG/KG
NITROBENZENE	330	3800 U	UG/KG
2-NITROPHENOL	330	3800 U	UG/KG
4-NITROPHENOL	1700	20000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	3800 U	UG/KG
DI-N-OCTYL PHTHALATE	330	3800 U	UG/KG
PENTACHLOROPHENOL	1700	20000 U	UG/KG
PHENANTHRENE	330	5800	UG/KG
PHENOL	330	3800 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	3800 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	3800 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	3800 U	UG/KG
PYRENE	330	6500	UG/KG
2,4,6-TRICHLOROPHENOL	330	3800 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	3800 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(19 - 145 %)	89	%
NITROBENZENE-d5	(18 - 130 %)	67	%
PHENOL-d6	(10 - 125 %)	74	%
2-FLUOROBIPHENYL	(23 - 130 %)	87	%
2-FLUOROPHENOL	(13 - 130 %)	70	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	112	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-3

Date Sampled : 06/20/03 Order #: 648804 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.23 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	81.2	%	06/25/03	11:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-3

Date Sampled : 06/20/03

Order #: 648804

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	6.70	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	65.1	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	1.40	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	11.2	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	310	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.140	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.616 U	MG/KG	07/07/03	1.0
SILVER	6010B	1.00	1.23 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-3

Date Sampled : 06/20/03 **Order #:** 648804 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 81.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	10.00		Dry Weight
ACENAPHTHENE	330	4100 U	UG/KG
ACENAPHTHYLENE	330	4100 U	UG/KG
ACETOPHENONE	330	4100 U	UG/KG
ANTHRACENE	330	4100 U	UG/KG
ATRAZINE	330	4100 U	UG/KG
BENZALDEHYDE	330	4100 U	UG/KG
BENZO (A) ANTHRACENE	330	4700	UG/KG
BENZO (A) PYRENE	330	4800	UG/KG
BENZO (B) FLUORANTHENE	330	4300	UG/KG
BENZO (G, H, I) PERYLENE	330	4100 U	UG/KG
BENZO (K) FLUORANTHENE	330	4400	UG/KG
1,1'-BIPHENYL	330	4100 U	UG/KG
BUTYL BENZYL PHTHALATE	330	4100 U	UG/KG
DI-N-BUTYL PHTHALATE	330	4100 U	UG/KG
CAPROLACTAM	330	4100 U	UG/KG
CARBAZOLE	330	4100 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	4100 U	UG/KG
4-CHLOROANILINE	330	4100 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	4100 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	4100 U	UG/KG
2-CHLORONAPHTHALENE	330	4100 U	UG/KG
2-CHLOROPHENOL	330	4100 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	4100 U	UG/KG
CHRYSENE	330	5400	UG/KG
DIBENZO (A, H) ANTHRACENE	330	4100 U	UG/KG
DIBENZOFURAN	330	4100 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	4100 U	UG/KG
2,4-DICHLOROPHENOL	330	4100 U	UG/KG
DIETHYL PHTHALATE	330	4100 U	UG/KG
DIMETHYL PHTHALATE	330	4100 U	UG/KG
2,4-DIMETHYLPHENOL	330	4100 U	UG/KG
2,4-DINITROPHENOL	1700	21000 U	UG/KG
2,4-DINITROTOLUENE	330	4100 U	UG/KG
2,6-DINITROTOLUENE	330	4100 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	4100 U	UG/KG
FLUORANTHENE	330	12000	UG/KG
FLUORENE	330	4100 U	UG/KG
HEXACHLOROBENZENE	330	4100 U	UG/KG
HEXACHLOROBUTADIENE	330	4100 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	4100 U	UG/KG
HEXACHLOROETHANE	330	4100 U	UG/KG
ISOPHORONE	330	4100 U	UG/KG
2-METHYLNAPHTHALENE	330	4100 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
Client Sample ID : SURFACE SAMPLE SSU-3

Date Sampled : 06/20/03 **Order #:** 648804 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 81.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	10.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	21000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	4100 U	UG/KG
2-METHYLPHENOL	330	4100 U	UG/KG
4-METHYLPHENOL	330	4100 U	UG/KG
NAPHTHALENE	330	4100 U	UG/KG
2-NITROANILINE	1700	21000 U	UG/KG
3-NITROANILINE	1700	21000 U	UG/KG
4-NITROANILINE	1700	21000 U	UG/KG
NITROBENZENE	330	4100 U	UG/KG
2-NITROPHENOL	330	4100 U	UG/KG
4-NITROPHENOL	1700	21000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	4100 U	UG/KG
DI-N-OCTYL PHTHALATE	330	4100 U	UG/KG
PENTACHLOROPHENOL	1700	21000 U	UG/KG
PHENANTHRENE	330	6700	UG/KG
PHENOL	330	4100 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	4100 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	4100 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	4100 U	UG/KG
PYRENE	330	8600	UG/KG
2,4,6-TRICHLOROPHENOL	330	4100 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	4100 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(19 - 145 %)	88	%
NITROBENZENE-d5	(18 - 130 %)	76	%
PHENOL-d6	(10 - 125 %)	79	%
2-FLUOROBIPHENYL	(23 - 130 %)	88	%
2-FLUOROPHENOL	(13 - 130 %)	72	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	114	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-4

Date Sampled : 06/20/03

Order #: 648805

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.14 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	88.1	%	06/25/03	11:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-4

Date Sampled : 06/20/03

Order #: 648805

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	5.03	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	45.5	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	2.02	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	11.6	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	161	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.141	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.568 U	MG/KG	07/25/03	1.0
SILVER	6010B	1.00	1.14 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-4

Date Sampled : 06/20/03 Order #: 648805 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 88.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	20.00		Dry Weight
ACENAPHTHENE	330	7500 U	UG/KG
ACENAPHTHYLENE	330	7500 U	UG/KG
ACETOPHENONE	330	7500 U	UG/KG
ANTHRACENE	330	12000	UG/KG
ATRAZINE	330	7500 U	UG/KG
BENZALDEHYDE	330	7500 U	UG/KG
BENZO (A) ANTHRACENE	330	22000	UG/KG
BENZO (A) PYRENE	330	19000	UG/KG
BENZO (B) FLUORANTHENE	330	17000	UG/KG
BENZO (G, H, I) PERYLENE	330	11000	UG/KG
BENZO (K) FLUORANTHENE	330	16000	UG/KG
1,1'-BIPHENYL	330	7500 U	UG/KG
BUTYL BENZYL PHTHALATE	330	7500 U	UG/KG
DI-N-BUTYLPHTHALATE	330	7500 U	UG/KG
CAPROLACTAM	330	7500 U	UG/KG
CARBAZOLE	330	7500 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	11000	UG/KG
4-CHLOROANILINE	330	7500 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	7500 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	7500 U	UG/KG
2-CHLORONAPHTHALENE	330	7500 U	UG/KG
2-CHLOROPHENOL	330	7500 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	7500 U	UG/KG
CHRYSENE	330	20000	UG/KG
DIBENZO (A, H) ANTHRACENE	330	7500 U	UG/KG
DIBENZOFURAN	330	7500 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	7500 U	UG/KG
2,4-DICHLOROPHENOL	330	7500 U	UG/KG
DIETHYLPHTHALATE	330	7500 U	UG/KG
DIMETHYL PHTHALATE	330	7500 U	UG/KG
2,4-DIMETHYLPHENOL	330	7500 U	UG/KG
2,4-DINITROPHENOL	1700	39000 U	UG/KG
2,4-DINITROTOLUENE	330	7500 U	UG/KG
2,6-DINITROTOLUENE	330	7500 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	7500 U	UG/KG
FLUORANTHENE	330	61000	UG/KG
FLUORENE	330	7500 U	UG/KG
HEXACHLOROBENZENE	330	7500 U	UG/KG
HEXACHLOROBUTADIENE	330	7500 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	7500 U	UG/KG
HEXACHLOROETHANE	330	7500 U	UG/KG
ISOPHORONE	330	7500 U	UG/KG
2-METHYLNAPHTHALENE	330	7500 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-4

Date Sampled : 06/20/03 **Order #:** 648805 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 88.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	20.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	39000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	7500 U	UG/KG
2-METHYLPHENOL	330	7500 U	UG/KG
4-METHYLPHENOL	330	7500 U	UG/KG
NAPHTHALENE	330	7500 U	UG/KG
2-NITROANILINE	1700	39000 U	UG/KG
3-NITROANILINE	1700	39000 U	UG/KG
4-NITROANILINE	1700	39000 U	UG/KG
NITROBENZENE	330	7500 U	UG/KG
2-NITROPHENOL	330	7500 U	UG/KG
4-NITROPHENOL	1700	39000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	7500 U	UG/KG
DI-N-OCTYL PHTHALATE	330	7500 U	UG/KG
PENTACHLOROPHENOL	1700	39000 U	UG/KG
PHENANTHRENE	330	49000	UG/KG
PHENOL	330	7500 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	7500 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	7500 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	7500 U	UG/KG
PYRENE	330	36000	UG/KG
2,4,6-TRICHLOROPHENOL	330	7500 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	7500 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	D	%
NITROBENZENE-d5	(18 - 130 %)	D	%
PHENOL-d6	(10 - 125 %)	D	%
2-FLUOROBIPHENYL	(23 - 130 %)	D	%
2-FLUOROPHENOL	(13 - 130 %)	D	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	D	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-5

Date Sampled : 06/20/03

Order #: 648806

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.06 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	93.9	%	06/25/03	11:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-5

Date Sampled : 06/20/03

Order #: 648806

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	5.08	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	67.5	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	3.94	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	16.3	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	263	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.168	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.532 U	MG/KG	07/25/03	1.0
SILVER	6010B	1.00	1.06 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-5

Date Sampled : 06/20/03 Order #: 648806 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 93.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/14/03		
ANALYTICAL DILUTION:	10.00		Dry Weight
ACENAPHTHENE	330	3500 U	UG/KG
ACENAPHTHYLENE	330	3500 U	UG/KG
ACETOPHENONE	330	3500 U	UG/KG
ANTHRACENE	330	3600	UG/KG
ATRAZINE	330	3500 U	UG/KG
BENZALDEHYDE	330	3500 U	UG/KG
BENZO (A) ANTHRACENE	330	9600	UG/KG
BENZO (A) PYRENE	330	9900	UG/KG
BENZO (B) FLUORANTHENE	330	9600	UG/KG
BENZO (G, H, I) PERYLENE	330	7100	UG/KG
BENZO (K) FLUORANTHENE	330	9200	UG/KG
1, 1' -BIPHENYL	330	3500 U	UG/KG
BUTYL BENZYL PHTHALATE	330	3500 U	UG/KG
DI -N -BUTYLPHTHALATE	330	3500 U	UG/KG
CAPROLACTAM	330	3500 U	UG/KG
CARBAZOLE	330	3500 U	UG/KG
INDENO (1, 2, 3 -CD) PYRENE	330	6300	UG/KG
4 -CHLOROANILINE	330	3500 U	UG/KG
BIS (- 2 -CHLOROETHOXY) METHANE	330	3500 U	UG/KG
BIS (2 -CHLOROETHYL) ETHER	330	3500 U	UG/KG
2 -CHLORONAPHTHALENE	330	3500 U	UG/KG
2 -CHLOROPHENOL	330	3500 U	UG/KG
2, 2' -OXYBIS (1 -CHLOROPROPANE)	330	3500 U	UG/KG
CHRYSENE	330	10000	UG/KG
DIBENZO (A, H) ANTHRACENE	330	3500 U	UG/KG
DIBENZOFURAN	330	3500 U	UG/KG
3, 3' -DICHLOROBENZIDINE	330	3500 U	UG/KG
2, 4 -DICHLOROPHENOL	330	3500 U	UG/KG
DIETHYLPHTHALATE	330	3500 U	UG/KG
DIMETHYL PHTHALATE	330	3500 U	UG/KG
2, 4 -DIMETHYLPHENOL	330	3500 U	UG/KG
2, 4 -DINITROPHENOL	1700	18000 U	UG/KG
2, 4 -DINITROTOLUENE	330	3500 U	UG/KG
2, 6 -DINITROTOLUENE	330	3500 U	UG/KG
BIS (2 -ETHYLHEXYL) PHTHALATE	330	3500 U	UG/KG
FLUORANTHENE	330	23000	UG/KG
FLUORENE	330	3500 U	UG/KG
HEXACHLOROBENZENE	330	3500 U	UG/KG
HEXACHLOROBUTADIENE	330	3500 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	3500 U	UG/KG
HEXACHLOROETHANE	330	3500 U	UG/KG
ISOPHORONE	330	3500 U	UG/KG
2 -METHYLNAPHTHALENE	330	3500 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-5

Date Sampled : 06/20/03 **Order #:** 648806 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 93.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/14/03		
ANALYTICAL DILUTION:	10.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	18000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	3500 U	UG/KG
2-METHYLPHENOL	330	3500 U	UG/KG
4-METHYLPHENOL	330	3500 U	UG/KG
NAPHTHALENE	330	3500 U	UG/KG
2-NITROANILINE	1700	18000 U	UG/KG
3-NITROANILINE	1700	18000 U	UG/KG
4-NITROANILINE	1700	18000 U	UG/KG
NITROBENZENE	330	3500 U	UG/KG
2-NITROPHENOL	330	3500 U	UG/KG
4-NITROPHENOL	1700	18000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	3500 U	UG/KG
DI-N-OCTYL PHTHALATE	330	3500 U	UG/KG
PENTACHLOROPHENOL	1700	18000 U	UG/KG
PHENANTHRENE	330	15000	UG/KG
PHENOL	330	3500 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	3500 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	3500 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	3500 U	UG/KG
PYRENE	330	22000	UG/KG
2,4,6-TRICHLOROPHENOL	330	3500 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	3500 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	149 *	%
NITROBENZENE-d5	(18 - 130 %)	90	%
PHENOL-d6	(10 - 125 %)	100	%
2-FLUOROBIPHENYL	(23 - 130 %)	99	%
2-FLUOROPHENOL	(13 - 130 %)	79	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	116	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
 Reported: 08/05/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-5

Date Sampled : 06/20/03 **Order #:** 648806 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 93.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 07/16/03		
DATE ANALYZED	: 07/23/03		
ANALYTICAL DILUTION:	10.00		Dry Weight
ACENAPHTHENE	330	3500 U	UG/KG
ACENAPHTHYLENE	330	3500 U	UG/KG
ACETOPHENONE	330	3500 U	UG/KG
ANTHRACENE	330	3500 U	UG/KG
ATRAZINE	330	3500 U	UG/KG
BENZALDEHYDE	330	3500 U	UG/KG
BENZO (A) ANTHRACENE	330	10000	UG/KG
BENZO (A) PYRENE	330	14000	UG/KG
BENZO (B) FLUORANTHENE	330	12000	UG/KG
BENZO (G, H, I) PERYLENE	330	11000	UG/KG
BENZO (K) FLUORANTHENE	330	12000	UG/KG
1, 1' - BIPHENYL	330	3500 U	UG/KG
BUTYL BENZYL PHTHALATE	330	3500 U	UG/KG
DI - N - BUTYLPHTHALATE	330	3500 U	UG/KG
CAPROLACTAM	330	3500 U	UG/KG
CARBAZOLE	330	3500 U	UG/KG
INDENO (1, 2, 3 - CD) PYRENE	330	9600	UG/KG
4 - CHLOROANILINE	330	3500 U	UG/KG
BIS (- 2 - CHLOROETHOXY) METHANE	330	3500 U	UG/KG
BIS (2 - CHLOROETHYL) ETHER	330	3500 U	UG/KG
2 - CHLORONAPHTHALENE	330	3500 U	UG/KG
2 - CHLOROPHENOL	330	3500 U	UG/KG
2, 2' - OXYBIS (1 - CHLOROPROPANE)	330	3500 U	UG/KG
CHRYSENE	330	11000	UG/KG
DIBENZO (A, H) ANTHRACENE	330	3500 U	UG/KG
DIBENZOFURAN	330	3500 U	UG/KG
3, 3' - DICHLOROBENZIDINE	330	3500 U	UG/KG
2, 4 - DICHLOROPHENOL	330	3500 U	UG/KG
DIETHYLPHTHALATE	330	3500 U	UG/KG
DIMETHYL PHTHALATE	330	3500 U	UG/KG
2, 4 - DIMETHYLPHENOL	330	3500 U	UG/KG
2, 4 - DINITROPHENOL	1700	18000 U	UG/KG
2, 4 - DINITROTOLUENE	330	3500 U	UG/KG
2, 6 - DINITROTOLUENE	330	3500 U	UG/KG
BIS (2 - ETHYLHEXYL) PHTHALATE	330	3500 U	UG/KG
FLUORANTHENE	330	24000	UG/KG
FLUORENE	330	3500 U	UG/KG
HEXACHLOROBENZENE	330	3500 U	UG/KG
HEXACHLOROBUTADIENE	330	3500 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	3500 U	UG/KG
HEXACHLOROETHANE	330	3500 U	UG/KG
ISOPHORONE	330	3500 U	UG/KG
2 - METHYLNAPHTHALENE	330	3500 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/05/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : SURFACE SAMPLE SSU-5

Date Sampled : 06/20/03 **Order #:** 648806 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/20/03 **Submission #:** R2317242 **Percent Solid:** 93.9

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 07/16/03		
DATE ANALYZED	: 07/23/03		
ANALYTICAL DILUTION:	10.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	18000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	3500 U	UG/KG
2-METHYLPHENOL	330	3500 U	UG/KG
4-METHYLPHENOL	330	3500 U	UG/KG
NAPHTHALENE	330	3500 U	UG/KG
2-NITROANILINE	1700	18000 U	UG/KG
3-NITROANILINE	1700	18000 U	UG/KG
4-NITROANILINE	1700	18000 U	UG/KG
NITROBENZENE	330	3500 U	UG/KG
2-NITROPHENOL	330	3500 U	UG/KG
4-NITROPHENOL	1700	18000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	3500 U	UG/KG
DI-N-OCTYL PHTHALATE	330	3500 U	UG/KG
PENTACHLOROPHENOL	1700	18000 U	UG/KG
PHENANTHRENE	330	12000	UG/KG
PHENOL	330	3500 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	3500 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	3500 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	3500 U	UG/KG
PYRENE	330	18000	UG/KG
2,4,6-TRICHLOROPHENOL	330	3500 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	3500 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	97	%
NITROBENZENE-d5	(18 - 130 %)	76	%
PHENOL-d6	(10 - 125 %)	86	%
2-FLUOROBIPHENYL	(23 - 130 %)	79	%
2-FLUOROPHENOL	(13 - 130 %)	73	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	87	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-6

Date Sampled : 06/17/03 Order #: 648808 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.18 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	85.1	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-6

Date Sampled : 06/17/03

Order #: 648808

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/17/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	2.00	4.32	MG/KG	07/01/03	1.0
BARIUM	6010B	4.00	32.7	MG/KG	07/01/03	1.0
CADMIUM	6010B	1.00	1.18 U	MG/KG	07/01/03	1.0
CHROMIUM	6010B	2.00	10.3	MG/KG	07/01/03	1.0
LEAD	6010B	10.0	68.4	MG/KG	07/08/03	1.0
MERCURY	7471A	0.0250	0.0924	MG/KG	06/27/03	1.0
SELENIUM	6010B	1.00	1.18 U	MG/KG	07/08/03	1.0
SILVER	6010B	2.00	2.35 U	MG/KG	07/01/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-6

Date Sampled : 06/17/03 Order #: 648808 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 85.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.9 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.9 U	UG/KG
CYCLOHEXANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.9 U	UG/KG
1,3-DICHLOROENZENE	5.0	5.9 U	UG/KG
1,4-DICHLOROENZENE	5.0	5.9 U	UG/KG
1,2-DICHLOROENZENE	5.0	5.9 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	5.9 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	5.9 U	UG/KG
METHYL ACETATE	5.0	5.9 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.9 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-6

Date Sampled : 06/17/03 Order #: 648808 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 85.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	5.9 U	UG/KG
M+P-XYLENE	5.0	5.9 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	113	%
TOLUENE-D8	(83 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	98	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-6

Date Sampled : 06/17/03 Order #: 648808 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 85.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/11/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	390 U	UG/KG
ACENAPHTHYLENE	330	390 U	UG/KG
ACETOPHENONE	330	390 U	UG/KG
ANTHRACENE	330	390 U	UG/KG
ATRAZINE	330	390 U	UG/KG
BENZALDEHYDE	330	390 U	UG/KG
BENZO (A) ANTHRACENE	330	390 U	UG/KG
BENZO (A) PYRENE	330	390 U	UG/KG
BENZO (B) FLUORANTHENE	330	390 U	UG/KG
BENZO (G, H, I) PERYLENE	330	390 U	UG/KG
BENZO (K) FLUORANTHENE	330	390 U	UG/KG
1,1'-BIPHENYL	330	390 U	UG/KG
BUTYL BENZYL PHTHALATE	330	390 U	UG/KG
DI-N-BUTYLPHTHALATE	330	390 U	UG/KG
CAPROLACTAM	330	390 U	UG/KG
CARBAZOLE	330	390 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	390 U	UG/KG
4-CHLOROANILINE	330	390 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	390 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	390 U	UG/KG
2-CHLORONAPHTHALENE	330	390 U	UG/KG
2-CHLOROPHENOL	330	390 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	390 U	UG/KG
CHRYSENE	330	390 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	390 U	UG/KG
DIBENZOFURAN	330	390 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	390 U	UG/KG
2,4-DICHLOROPHENOL	330	390 U	UG/KG
DIETHYLPHTHALATE	330	390 U	UG/KG
DIMETHYL PHTHALATE	330	390 U	UG/KG
2,4-DIMETHYLPHENOL	330	390 U	UG/KG
2,4-DINITROPHENOL	1700	2000 U	UG/KG
2,4-DINITROTOLUENE	330	390 U	UG/KG
2,6-DINITROTOLUENE	330	390 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	390 U	UG/KG
FLUORANTHENE	330	560	UG/KG
FLUORENE	330	390 U	UG/KG
HEXACHLOROBENZENE	330	390 U	UG/KG
HEXACHLOROBUTADIENE	330	390 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	390 U	UG/KG
HEXACHLOROETHANE	330	390 U	UG/KG
ISOPHORONE	330	390 U	UG/KG
2-METHYLNAPHTHALENE	330	390 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-6

Date Sampled : 06/17/03 Order #: 648808 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 85.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/11/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	390 U	UG/KG
2-METHYLPHENOL	330	390 U	UG/KG
4-METHYLPHENOL	330	390 U	UG/KG
NAPHTHALENE	330	390 U	UG/KG
2-NITROANILINE	1700	2000 U	UG/KG
3-NITROANILINE	1700	2000 U	UG/KG
4-NITROANILINE	1700	2000 U	UG/KG
NITROBENZENE	330	390 U	UG/KG
2-NITROPHENOL	330	390 U	UG/KG
4-NITROPHENOL	1700	2000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	390 U	UG/KG
DI-N-OCTYL PHTHALATE	330	390 U	UG/KG
PENTACHLOROPHENOL	1700	2000 U	UG/KG
PHENANTHRENE	330	390 U	UG/KG
PHENOL	330	390 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	390 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	390 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	390 U	UG/KG
PYRENE	330	580	UG/KG
2,4,6-TRICHLOROPHENOL	330	390 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	390 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	95	%
NITROBENZENE-d5	(18 - 130 %)	84	%
PHENOL-d6	(10 - 125 %)	82	%
2-FLUOROBIPHENYL	(23 - 130 %)	86	%
2-FLUOROPHENOL	(13 - 130 %)	70	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	70	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E. MAIN ST PROJECT #4453.02

Client Sample ID : TT-6

Date Sampled : 06/17/03 Order #: 648808 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 85.1

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/24/03			
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	39 U	UG/KG
AROCLOR-1221	67	79 U	UG/KG
AROCLOR-1232	33	39 U	UG/KG
AROCLOR-1242	33	39 U	UG/KG
AROCLOR-1248	33	39 U	UG/KG
AROCLOR-1254	33	39 U	UG/KG
AROCLOR-1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	127	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	76	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12A

Date Sampled : 06/17/03

Order #: 649650

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/17/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.19 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	84.0	%	06/19/03	15:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12A

Date Sampled : 06/17/03

Order #: 649650

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/17/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	2.44	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	23.8	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.595 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	5.30	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	5.95 U	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.0298 U	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.595 U	MG/KG	07/25/03	1.0
SILVER	6010B	1.00	1.19 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12A

Date Sampled : 06/17/03 Order #: 649650 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 84.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	6.0 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	6.0 U	UG/KG
CYCLOHEXANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	6.0 U	UG/KG
1,3-DICHLOROBENZENE	5.0	6.0 U	UG/KG
1,4-DICHLOROBENZENE	5.0	6.0 U	UG/KG
1,2-DICHLOROBENZENE	5.0	6.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	19	UG/KG
2-HEXANONE	10	12 U	UG/KG
ISOPROPYLBENZENE	5.0	6.0 U	UG/KG
METHYL ACETATE	5.0	6.0 U	UG/KG
METHYLCYCLOHEXANE	5.0	21	UG/KG
METHYLENE CHLORIDE	5.0	6.2	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12A

Date Sampled : 06/17/03 Order #: 649650 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 84.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	18	UG/KG
M+P-XYLENE	5.0	48	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	99	%
TOLUENE-D8	(83 - 117 %)	90	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	103	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12A

Date Sampled : 06/17/03 **Order #:** 649650 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 06/17/03 **Submission #:** R2317242 **Percent Solid:** 84.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	390 U	UG/KG
ACENAPHTHYLENE	330	390 U	UG/KG
ACETOPHENONE	330	390 U	UG/KG
ANTHRACENE	330	390 U	UG/KG
ATRAZINE	330	390 U	UG/KG
BENZALDEHYDE	330	390 U	UG/KG
BENZO (A) ANTHRACENE	330	390 U	UG/KG
BENZO (A) PYRENE	330	390 U	UG/KG
BENZO (B) FLUORANTHENE	330	390 U	UG/KG
BENZO (G, H, I) PERYLENE	330	390 U	UG/KG
BENZO (K) FLUORANTHENE	330	390 U	UG/KG
1,1'-BIPHENYL	330	390 U	UG/KG
BUTYL BENZYL PHTHALATE	330	390 U	UG/KG
DI-N-BUTYLPHTHALATE	330	390 U	UG/KG
CAPROLACTAM	330	390 U	UG/KG
CARBAZOLE	330	390 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	390 U	UG/KG
4-CHLOROANILINE	330	390 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	390 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	390 U	UG/KG
2-CHLORONAPHTHALENE	330	390 U	UG/KG
2-CHLOROPHENOL	330	390 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	390 U	UG/KG
CHRYSENE	330	390 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	390 U	UG/KG
DIBENZOFURAN	330	390 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	390 U	UG/KG
2,4-DICHLOROPHENOL	330	390 U	UG/KG
DIETHYLPHTHALATE	330	390 U	UG/KG
DIMETHYL PHTHALATE	330	390 U	UG/KG
2,4-DIMETHYLPHENOL	330	390 U	UG/KG
2,4-DINITROPHENOL	1700	2000 U	UG/KG
2,4-DINITROTOLUENE	330	390 U	UG/KG
2,6-DINITROTOLUENE	330	390 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	390 U	UG/KG
FLUORANTHENE	330	390 U	UG/KG
FLUORENE	330	390 U	UG/KG
HEXACHLOROBENZENE	330	390 U	UG/KG
HEXACHLOROBUTADIENE	330	390 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	390 U	UG/KG
HEXACHLOROETHANE	330	390 U	UG/KG
ISOPHORONE	330	390 U	UG/KG
2-METHYLNAPHTHALENE	330	390 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12A

Date Sampled : 06/17/03 Order #: 649650 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 84.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	2000 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	390 U	UG/KG
2-METHYLPHENOL	330	390 U	UG/KG
4-METHYLPHENOL	330	390 U	UG/KG
NAPHTHALENE	330	390 U	UG/KG
2-NITROANILINE	1700	2000 U	UG/KG
3-NITROANILINE	1700	2000 U	UG/KG
4-NITROANILINE	1700	2000 U	UG/KG
NITROBENZENE	330	390 U	UG/KG
2-NITROPHENOL	330	390 U	UG/KG
4-NITROPHENOL	1700	2000 U	UG/KG
N-NITROSODIPHENYLAMINE	330	390 U	UG/KG
DI-N-OCTYL PHTHALATE	330	390 U	UG/KG
PENTACHLOROPHENOL	1700	2000 U	UG/KG
PHENANTHRENE	330	390 U	UG/KG
PHENOL	330	390 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	390 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	390 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	390 U	UG/KG
PYRENE	330	390 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	390 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	390 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(19 - 145 %)	91	%
NITROBENZENE-d5	(18 - 130 %)	77	%
PHENOL-d6	(10 - 125 %)	88	%
2-FLUOROBIPHENYL	(23 - 130 %)	77	%
2-FLUOROPHENOL	(13 - 130 %)	73	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	106	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-12A

Date Sampled : 06/17/03 Order #: 649650 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/17/03 Submission #: R2317242 Percent Solid: 84.0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/09/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	39 U	UG/KG
PCB 1221	33	39 U	UG/KG
PCB 1232	33	39 U	UG/KG
PCB 1242	33	39 U	UG/KG
PCB 1248	33	39 U	UG/KG
PCB 1254	33	39 U	UG/KG
PCB 1260	33	39 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	114	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	75	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13

Date Sampled : 06/18/03 Order #: 650163 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.11 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	89.8	%	06/20/03	11:30	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13

Date Sampled : 06/18/03

Order #: 650163

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/18/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	3.12	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	28.0	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.557 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	5.84	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	5.72	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.0278 U	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.557 U	MG/KG	07/25/03	1.0
SILVER	6010B	1.00	1.11 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13

Date Sampled : 06/18/03 Order #: 650163 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 89.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACETONE	20	22 U	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.6 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.6 U	UG/KG
CYCLOHEXANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.6 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.6 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.6 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.6 U	UG/KG
METHYL ACETATE	5.0	5.6 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.6 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	5.6 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	5.6 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13

Date Sampled : 06/18/03 Order #: 650163 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 89.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.6 U	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG
<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	86	%
TOLUENE-D8	(83 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	101	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13

Date Sampled : 06/18/03 Order #: 650163 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 89.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/03/03		
ANALYTICAL DILUTION:	3.00		Dry Weight
ACENAPHTHENE	330	1100 U	UG/KG
ACENAPHTHYLENE	330	1100 U	UG/KG
ACETOPHENONE	330	1100 U	UG/KG
ANTHRACENE	330	1100 U	UG/KG
ATRAZINE	330	1100 U	UG/KG
BENZALDEHYDE	330	1100 U	UG/KG
BENZO (A) ANTHRACENE	330	1100 U	UG/KG
BENZO (A) PYRENE	330	1100 U	UG/KG
BENZO (B) FLUORANTHENE	330	1100 U	UG/KG
BENZO (G, H, I) PERYLENE	330	1100 U	UG/KG
BENZO (K) FLUORANTHENE	330	1100 U	UG/KG
1,1'-BIPHENYL	330	1100 U	UG/KG
BUTYL BENZYL PHTHALATE	330	1100 U	UG/KG
DI-N-BUTYLPHTHALATE	330	1100 U	UG/KG
CAPROLACTAM	330	1100 U	UG/KG
CARBAZOLE	330	1100 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	1100 U	UG/KG
4-CHLOROANILINE	330	1100 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	1100 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	1100 U	UG/KG
2-CHLORONAPHTHALENE	330	1100 U	UG/KG
2-CHLOROPHENOL	330	1100 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	1100 U	UG/KG
CHRYSENE	330	1100 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	1100 U	UG/KG
DIBENZOFURAN	330	1100 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	1100 U	UG/KG
2,4-DICHLOROPHENOL	330	1100 U	UG/KG
DIETHYLPHTHALATE	330	1100 U	UG/KG
DIMETHYL PHTHALATE	330	1100 U	UG/KG
2,4-DIMETHYLPHENOL	330	1100 U	UG/KG
2,4-DINITROPHENOL	1700	5700 U	UG/KG
2,4-DINITROTOLUENE	330	1100 U	UG/KG
2,6-DINITROTOLUENE	330	1100 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	1100 U	UG/KG
FLUORANTHENE	330	1100 U	UG/KG
FLUORENE	330	1100 U	UG/KG
HEXACHLOROBENZENE	330	1100 U	UG/KG
HEXACHLOROBUTADIENE	330	1100 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	1100 U	UG/KG
HEXACHLOROETHANE	330	1100 U	UG/KG
ISOPHORONE	330	1100 U	UG/KG
2-METHYLNAPHTHALENE	330	1100 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13

Date Sampled : 06/18/03 Order #: 650163 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 89.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 07/03/03			
ANALYTICAL DILUTION: 3.00			Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	5700 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	1100 U	UG/KG
2-METHYLPHENOL	330	1100 U	UG/KG
4-METHYLPHENOL	330	1100 U	UG/KG
NAPHTHALENE	330	1100 U	UG/KG
2-NITROANILINE	1700	5700 U	UG/KG
3-NITROANILINE	1700	5700 U	UG/KG
4-NITROANILINE	1700	5700 U	UG/KG
NITROBENZENE	330	1100 U	UG/KG
2-NITROPHENOL	330	1100 U	UG/KG
4-NITROPHENOL	1700	5700 U	UG/KG
N-NITROSODIPHENYLAMINE	330	1100 U	UG/KG
DI-N-OCTYL PHTHALATE	330	1100 U	UG/KG
PENTACHLOROPHENOL	1700	5700 U	UG/KG
PHENANTHRENE	330	1100 U	UG/KG
PHENOL	330	1100 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	1100 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	1100 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	1100 U	UG/KG
PYRENE	330	1100 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	1100 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	1100 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(19 - 145 %)	87	%
NITROBENZENE-d5	(18 - 130 %)	78	%
PHENOL-d6	(10 - 125 %)	93	%
2-FLUOROBIPHENYL	(23 - 130 %)	78	%
2-FLUOROPHENOL	(13 - 130 %)	77	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	103	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-13

Date Sampled : 06/18/03 Order #: 650163 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/18/03 Submission #: R2317242 Percent Solid: 89.8

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/09/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	37 U	UG/KG
PCB 1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	98	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	82	%

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02
Client Sample ID : TT-4B

Date Sampled : 06/20/03 Order #: 650927 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.13 U	MG/KG	06/26/03	10:30	1.0
PERCENT SOLIDS	160.0	1.0	88.2	%	06/25/03	11:33	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4B

Date Sampled : 06/20/03

Order #: 650927

Sample Matrix: SOIL/SEDIMENT

Date Received: 06/20/03

Submission #: R2317242

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	1.00	2.94	MG/KG	07/07/03	1.0
BARIUM	6010B	2.00	25.6	MG/KG	07/07/03	1.0
CADMIUM	6010B	0.500	0.567 U	MG/KG	07/07/03	1.0
CHROMIUM	6010B	1.00	6.01	MG/KG	07/07/03	1.0
LEAD	6010B	5.00	5.67 U	MG/KG	07/07/03	1.0
MERCURY	7471A	0.0250	0.0283 U	MG/KG	06/27/03	1.0
SELENIUM	6010B	0.500	0.567 U	MG/KG	07/25/03	1.0
SILVER	6010B	1.00	1.13 U	MG/KG	07/07/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4B

Date Sampled : 06/20/03 Order #: 650927 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 88.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.7 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.7 U	UG/KG
CYCLOHEXANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.7 U	UG/KG
1,3-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,4-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
ISOPROPYLBENZENE	5.0	5.7 U	UG/KG
METHYL ACETATE	5.0	5.7 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.7 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,2,4-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4B

Date Sampled : 06/20/03 Order #: 650927 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 88.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
TRICHLOROTRIFLUOROMETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(68 - 128 %)	92	%
TOLUENE-D8	(83 - 117 %)	88	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	102	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4B

Date Sampled : 06/20/03 Order #: 650927 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 88.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/11/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
ACENAPHTHENE	330	370 U	UG/KG
ACENAPHTHYLENE	330	370 U	UG/KG
ACETOPHENONE	330	370 U	UG/KG
ANTHRACENE	330	370 U	UG/KG
ATRAZINE	330	370 U	UG/KG
BENZALDEHYDE	330	370 U	UG/KG
BENZO (A) ANTHRACENE	330	370 U	UG/KG
BENZO (A) PYRENE	330	370 U	UG/KG
BENZO (B) FLUORANTHENE	330	370 U	UG/KG
BENZO (G, H, I) PERYLENE	330	370 U	UG/KG
BENZO (K) FLUORANTHENE	330	370 U	UG/KG
1,1'-BIPHENYL	330	370 U	UG/KG
BUTYL BENZYL PHTHALATE	330	370 U	UG/KG
DI-N-BUTYL PHTHALATE	330	370 U	UG/KG
CAPROLACTAM	330	370 U	UG/KG
CARBAZOLE	330	370 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	370 U	UG/KG
4-CHLOROANILINE	330	370 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	370 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	370 U	UG/KG
2-CHLORONAPHTHALENE	330	370 U	UG/KG
2-CHLOROPHENOL	330	370 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	370 U	UG/KG
CHRYSENE	330	370 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	370 U	UG/KG
DIBENZOFURAN	330	370 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	370 U	UG/KG
2,4-DICHLOROPHENOL	330	370 U	UG/KG
DIETHYL PHTHALATE	330	370 U	UG/KG
DIMETHYL PHTHALATE	330	370 U	UG/KG
2,4-DIMETHYLPHENOL	330	370 U	UG/KG
2,4-DINITROPHENOL	1700	1900 U	UG/KG
2,4-DINITROTOLUENE	330	370 U	UG/KG
2,6-DINITROTOLUENE	330	370 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	370 U	UG/KG
FLUORANTHENE	330	370 U	UG/KG
FLUORENE	330	370 U	UG/KG
HEXACHLORO BENZENE	330	370 U	UG/KG
HEXACHLORO BUTADIENE	330	370 U	UG/KG
HEXACHLORO CYCLOPENTADIENE	330	370 U	UG/KG
HEXACHLORO ETHANE	330	370 U	UG/KG
ISOPHORONE	330	370 U	UG/KG
2-METHYLNAPHTHALENE	330	370 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4B

Date Sampled : 06/20/03 Order #: 650927 Sample Matrix: SOIL/SEDIMENT
 Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 88.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/11/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
4,6-DINITRO-2-METHYLPHENOL	1700	1900 U	UG/KG
4-CHLORO-3-METHYLPHENOL	330	370 U	UG/KG
2-METHYLPHENOL	330	370 U	UG/KG
4-METHYLPHENOL	330	370 U	UG/KG
NAPHTHALENE	330	370 U	UG/KG
2-NITROANILINE	1700	1900 U	UG/KG
3-NITROANILINE	1700	1900 U	UG/KG
4-NITROANILINE	1700	1900 U	UG/KG
NITROBENZENE	330	370 U	UG/KG
2-NITROPHENOL	330	370 U	UG/KG
4-NITROPHENOL	1700	1900 U	UG/KG
N-NITROSODIPHENYLAMINE	330	370 U	UG/KG
DI-N-OCTYL PHTHALATE	330	370 U	UG/KG
PENTACHLOROPHENOL	1700	1900 U	UG/KG
PHENANTHRENE	330	370 U	UG/KG
PHENOL	330	370 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	370 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	370 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	370 U	UG/KG
PYRENE	330	370 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	370 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	370 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	96	%
NITROBENZENE-d5	(18 - 130 %)	84	%
PHENOL-d6	(10 - 125 %)	77	%
2-FLUOROBIPHENYL	(23 - 130 %)	82	%
2-FLUOROPHENOL	(13 - 130 %)	69	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	91	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

Client Sample ID : TT-4B

Date Sampled : 06/20/03 Order #: 650927 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/20/03 Submission #: R2317242 Percent Solid: 88.2

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/27/03			
DATE ANALYZED : 07/29/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	37 U	UG/KG
PCB 1221	33	37 U	UG/KG
PCB 1232	33	37 U	UG/KG
PCB 1242	33	37 U	UG/KG
PCB 1248	33	37 U	UG/KG
PCB 1254	33	37 U	UG/KG
PCB 1260	33	37 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	105	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	91	%

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2317242

Client: Bergmann Associates, P.C.

CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
MERCURY	0.0250 U	1.72	1.49	115	57 - 142	92537	MG/KG
MERCURY	0.0500 U	1.40	1.49	94	57 - 142	92702	MG/KG
ARSENIC	2.00 U	188	185	102	74 - 126	92758	MG/KG
BARIUM	4.00 U	185	177	105	77 - 123	92758	MG/KG
CADMIUM	1.00 U	69.0	64.0	108	77 - 123	92758	MG/KG
CHROMIUM	2.00 U	147	143	103	80 - 120	92758	MG/KG
SILVER	2.00 U	90.2	90.0	100	74 - 126	92758	MG/KG
ARSENIC	1.00 U	180	185	97	74 - 126	92790	MG/KG
BARIUM	2.00 U	174	177	99	77 - 123	92790	MG/KG
CADMIUM	0.500 U	65.2	64.0	102	77 - 123	92790	MG/KG

page 147

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2317242

Client: Bergmann Associates, P.C.

CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
CHROMIUM	1.00 U	139	143	97	80 - 120	92790	MG/KG
LEAD	5.00 U	120	119	101	76 - 124	92790	MG/KG
SELENIUM	0.500 U	149	150	99	74 - 125	92790	MG/KG
SILVER	1.00 U	87.0	90.0	97	74 - 126	92790	MG/KG
LEAD	10.0 U	124	119	104	76 - 124	92889	MG/KG
SELENIUM	1.00 U	156	150	104	74 - 125	92889	MG/KG
ARSENIC	1.00 U	193	185	104	74 - 126	92976	MG/KG
BARIUM	2.00 U	193	177	109	77 - 123	92976	MG/KG
CHROMIUM	1.00 U	148	143	104	80 - 120	92976	MG/KG
SELENIUM	0.500 U	152	150	102	74 - 125	92976	MG/KG

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2317242

Client: Bergmann Associates, P.C.

CITY OF ROCHESTER 1200 E MAIN ST PROJECT #4453.02

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
SILVER	1.00 U	82.5	90.0	92	74 - 126	92976	MG/KG
CADMIUM	0.500 U	66.3	64.0	104	77 - 123	93205	MG/KG
LEAD	5.00 U	127	119	106	76 - 124	93205	MG/KG
ETHYLENE GLYCOL	1.00 U	2.74	3.00	91	70 - 130	92387	MG/KG
ETHYLENE GLYCOL	1.00 U	2.71	3.00	90	70 - 130	92857	MG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 659083 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/27/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/KG
CYCLOHEXANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.0 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
ISOPROPYLBENZENE	5.0	5.0 U	UG/KG
METHYL ACETATE	5.0	5.0 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.0 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	659083	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	97	%
TOLUENE-D8	(83 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 659094 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/30/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/KG
CYCLOHEXANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.0 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
ISOPROPYLBENZENE	5.0	5.0 U	UG/KG
METHYL ACETATE	5.0	5.0 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.0 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 659094 Sample Matrix: SOIL/SEDIMENT
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/30/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	91	%
TOLUENE-D8	(83 - 117 %)	94	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	96	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 659102 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/KG
CYCLOHEXANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.0 U	UG/KG
1,3-DICHLOROENZENE	5.0	5.0 U	UG/KG
1,4-DICHLOROENZENE	5.0	5.0 U	UG/KG
1,2-DICHLOROENZENE	5.0	5.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
ISOPROPYLBENZENE	5.0	5.0 U	UG/KG
METHYL ACETATE	5.0	5.0 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.0 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	659102	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	95	%
TOLUENE-D8	(83 - 117 %)	91	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 659104 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/KG
CYCLOHEXANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,2-DIBROMOETHANE	5.0	5.0 U	UG/KG
1,3-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/KG
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
ISOPROPYLBENZENE	5.0	5.0 U	UG/KG
METHYL ACETATE	5.0	5.0 U	UG/KG
METHYLCYCLOHEXANE	5.0	5.0 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	659104	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 07/01/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	93	%
TOLUENE-D8	(83 - 117 %)	96	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TAL
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 659274 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/02/03			
ANALYTICAL DILUTION: 125.00			Dry Weight
ACETONE	20	2500 U	UG/KG
BENZENE	5.0	630 U	UG/KG
BROMODICHLOROMETHANE	5.0	630 U	UG/KG
BROMOFORM	5.0	630 U	UG/KG
BROMOMETHANE	5.0	670	UG/KG
2-BUTANONE (MEK)	10	1300 U	UG/KG
METHYL-TERT-BUTYL ETHER	5.0	630 U	UG/KG
CARBON DISULFIDE	10	1300 U	UG/KG
CARBON TETRACHLORIDE	5.0	630 U	UG/KG
CHLOROBENZENE	5.0	630 U	UG/KG
CHLOROETHANE	5.0	630 U	UG/KG
CHLOROFORM	5.0	630 U	UG/KG
CHLOROMETHANE	5.0	630 U	UG/KG
1,2-DIBROMO-3-CHLOROPROPANE	5.0	630 U	UG/KG
CYCLOHEXANE	5.0	630 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	630 U	UG/KG
1,2-DIBROMOETHANE	5.0	630 U	UG/KG
1,3-DICHLOROENZENE	5.0	630 U	UG/KG
1,4-DICHLOROENZENE	5.0	630 U	UG/KG
1,2-DICHLOROENZENE	5.0	630 U	UG/KG
DICHLORODIFLUOROMETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHANE	5.0	630 U	UG/KG
1,2-DICHLOROETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHENE	5.0	630 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
1,2-DICHLOROPROPANE	5.0	630 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
ETHYLBENZENE	5.0	630 U	UG/KG
2-HEXANONE	10	1300 U	UG/KG
ISOPROPYLBENZENE	5.0	630 U	UG/KG
METHYL ACETATE	5.0	630 U	UG/KG
METHYLCYCLOHEXANE	5.0	630 U	UG/KG
METHYLENE CHLORIDE	5.0	630 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1300 U	UG/KG
STYRENE	5.0	630 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	630 U	UG/KG
TETRACHLOROETHENE	5.0	630 U	UG/KG
TOLUENE	5.0	630 U	UG/KG
1,2,4-TRICHLOROENZENE	5.0	630 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	630 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	630 U	UG/KG
TRICHLOROETHENE	5.0	630 U	UG/KG
TRICHLOROTRIFLUOROMETHANE	5.0	630 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TAL
Reported: 08/04/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 659274 Sample Matrix: SOIL/SEDIMENT
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 07/02/03			
ANALYTICAL DILUTION: 125.00			Dry Weight
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	630 U	UG/KG
VINYL CHLORIDE	5.0	630 U	UG/KG
O-XYLENE	5.0	630 U	UG/KG
M+P-XYLENE	5.0	630 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(68 - 128 %)	104	%
TOLUENE-D8	(83 - 117 %)	94	%
DIBROMOFLUOROMETHANE	(72 - 123 %)	113	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 658273 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/16/03			
DATE ANALYZED : 07/23/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	330 U	UG/KG
ACENAPHTHYLENE	330	330 U	UG/KG
ACETOPHENONE	330	330 U	UG/KG
ANTHRACENE	330	330 U	UG/KG
ATRAZINE	330	330 U	UG/KG
BENZALDEHYDE	330	330 U	UG/KG
BENZO (A) ANTHRACENE	330	330 U	UG/KG
BENZO (A) PYRENE	330	330 U	UG/KG
BENZO (B) FLUORANTHENE	330	330 U	UG/KG
BENZO (G, H, I) PERYLENE	330	330 U	UG/KG
BENZO (K) FLUORANTHENE	330	330 U	UG/KG
1,1'-BIPHENYL	330	330 U	UG/KG
BUTYL BENZYL PHTHALATE	330	330 U	UG/KG
DI-N-BUTYL PHTHALATE	330	64 J	UG/KG
CAPROLACTAM	330	330 U	UG/KG
CARBAZOLE	330	330 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	330 U	UG/KG
4-CHLOROANILINE	330	330 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	330 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	330 U	UG/KG
2-CHLORONAPHTHALENE	330	330 U	UG/KG
2-CHLOROPHENOL	330	330 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	330 U	UG/KG
CHRYSENE	330	330 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	330 U	UG/KG
DIBENZOFURAN	330	330 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	330 U	UG/KG
2,4-DICHLOROPHENOL	330	330 U	UG/KG
DIETHYL PHTHALATE	330	330 U	UG/KG
DIMETHYL PHTHALATE	330	330 U	UG/KG
2,4-DIMETHYLPHENOL	330	330 U	UG/KG
2,4-DINITROPHENOL	1700	1700 U	UG/KG
2,4-DINITROTOLUENE	330	330 U	UG/KG
2,6-DINITROTOLUENE	330	330 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	330 U	UG/KG
FLUORANTHENE	330	330 U	UG/KG
FLUORENE	330	330 U	UG/KG
HEXACHLOROBENZENE	330	330 U	UG/KG
HEXACHLOROBUTADIENE	330	330 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	330 U	UG/KG
HEXACHLOROETHANE	330	330 U	UG/KG
ISOPHORONE	330	330 U	UG/KG
2-METHYLNAPHTHALENE	330	330 U	UG/KG
4,6-DINITRO-2-METHYLPHENOL	1700	1700 U	UG/KG

160

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 658273 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/16/03			
DATE ANALYZED : 07/23/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
4 - CHLORO - 3 - METHYLPHENOL	330	330 U	UG/KG
2 - METHYLPHENOL	330	330 U	UG/KG
4 - METHYLPHENOL	330	330 U	UG/KG
NAPHTHALENE	330	330 U	UG/KG
2 - NITROANILINE	1700	1700 U	UG/KG
3 - NITROANILINE	1700	1700 U	UG/KG
4 - NITROANILINE	1700	1700 U	UG/KG
NITROBENZENE	330	330 U	UG/KG
2 - NITROPHENOL	330	330 U	UG/KG
4 - NITROPHENOL	1700	1700 U	UG/KG
N - NITROSODIPHENYLAMINE	330	330 U	UG/KG
DI - N - OCTYL PHTHALATE	330	330 U	UG/KG
PENTACHLOROPHENOL	1700	1700 U	UG/KG
PHENANTHRENE	330	330 U	UG/KG
PHENOL	330	330 U	UG/KG
4 - BROMOPHENYL - PHENYLETHER	330	330 U	UG/KG
4 - CHLOROPHENYL - PHENYLETHER	330	330 U	UG/KG
N - NITROSO - DI - N - PROPYLAMINE	330	330 U	UG/KG
PYRENE	330	330 U	UG/KG
2, 4, 6 - TRICHLOROPHENOL	330	330 U	UG/KG
2, 4, 5 - TRICHLOROPHENOL	330	330 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(19 - 145 %)	96	%
NITROBENZENE-d5	(18 - 130 %)	72	%
PHENOL-d6	(10 - 125 %)	78	%
2 - FLUOROBIPHENYL	(23 - 130 %)	70	%
2 - FLUOROPHENOL	(13 - 130 %)	67	%
2, 4, 6 - TRIBROMOPHENOL	(23 - 131 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 652434 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 06/27/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	330 U	UG/KG
ACENAPHTHYLENE	330	330 U	UG/KG
ACETOPHENONE	330	330 U	UG/KG
ANTHRACENE	330	330 U	UG/KG
ATRAZINE	330	330 U	UG/KG
BENZALDEHYDE	330	330 U	UG/KG
BENZO (A) ANTHRACENE	330	330 U	UG/KG
BENZO (A) PYRENE	330	330 U	UG/KG
BENZO (B) FLUORANTHENE	330	330 U	UG/KG
BENZO (G, H, I) PERYLENE	330	330 U	UG/KG
BENZO (K) FLUORANTHENE	330	330 U	UG/KG
1,1'-BIPHENYL	330	330 U	UG/KG
BUTYL BENZYL PHTHALATE	330	330 U	UG/KG
DI-N-BUTYLPHTHALATE	330	330 U	UG/KG
CAPROLACTAM	330	330 U	UG/KG
CARBAZOLE	330	330 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	330 U	UG/KG
4-CHLOROANILINE	330	330 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	330 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	330 U	UG/KG
2-CHLORONAPHTHALENE	330	330 U	UG/KG
2-CHLOROPHENOL	330	330 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	330 U	UG/KG
CHRYSENE	330	330 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	330 U	UG/KG
DIBENZOFURAN	330	330 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	330 U	UG/KG
2,4-DICHLOROPHENOL	330	330 U	UG/KG
DIETHYLPHTHALATE	330	330 U	UG/KG
DIMETHYL PHTHALATE	330	330 U	UG/KG
2,4-DIMETHYLPHENOL	330	330 U	UG/KG
2,4-DINITROPHENOL	1700	1700 U	UG/KG
2,4-DINITROTOLUENE	330	330 U	UG/KG
2,6-DINITROTOLUENE	330	330 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	330 U	UG/KG
FLUORANTHENE	330	330 U	UG/KG
FLUORENE	330	330 U	UG/KG
HEXACHLOROENZENE	330	330 U	UG/KG
HEXACHLOROBUTADIENE	330	330 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	330 U	UG/KG
HEXACHLOROETHANE	330	330 U	UG/KG
ISOPHORONE	330	330 U	UG/KG
2-METHYLNAPHTHALENE	330	330 U	UG/KG
4,6-DINITRO-2-METHYLPHENOL	1700	1700 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 652434 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 06/27/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
4-CHLORO-3-METHYLPHENOL	330	330 U	UG/KG
2-METHYLPHENOL	330	330 U	UG/KG
4-METHYLPHENOL	330	330 U	UG/KG
NAPHTHALENE	330	330 U	UG/KG
2-NITROANILINE	1700	1700 U	UG/KG
3-NITROANILINE	1700	1700 U	UG/KG
4-NITROANILINE	1700	1700 U	UG/KG
NITROBENZENE	330	330 U	UG/KG
2-NITROPHENOL	330	330 U	UG/KG
4-NITROPHENOL	1700	1700 U	UG/KG
N-NITROSODIPHENYLAMINE	330	330 U	UG/KG
DI-N-OCTYL PHTHALATE	330	330 U	UG/KG
PENTACHLOROPHENOL	1700	1700 U	UG/KG
PHENANTHRENE	330	330 U	UG/KG
PHENOL	330	330 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	330 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	330 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	330 U	UG/KG
PYRENE	330	330 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	330 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	330 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(19 - 145 %)	85	%
NITROBENZENE-d5	(18 - 130 %)	57	%
PHENOL-d6	(10 - 125 %)	74	%
2-FLUOROBIPHENYL	(23 - 130 %)	68	%
2-FLUOROPHENOL	(13 - 130 %)	63	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	92	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 654036 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/27/03			
DATE ANALYZED : 07/11/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	330 U	UG/KG
ACENAPHTHYLENE	330	330 U	UG/KG
ACETOPHENONE	330	330 U	UG/KG
ANTHRACENE	330	330 U	UG/KG
ATRAZINE	330	330 U	UG/KG
BENZALDEHYDE	330	330 U	UG/KG
BENZO (A) ANTHRACENE	330	330 U	UG/KG
BENZO (A) PYRENE	330	330 U	UG/KG
BENZO (B) FLUORANTHENE	330	330 U	UG/KG
BENZO (G, H, I) PERYLENE	330	330 U	UG/KG
BENZO (K) FLUORANTHENE	330	330 U	UG/KG
1, 1' -BIPHENYL	330	330 U	UG/KG
BUTYL BENZYL PHTHALATE	330	330 U	UG/KG
DI -N -BUTYL PHTHALATE	330	330 U	UG/KG
CAPROLACTAM	330	330 U	UG/KG
CARBAZOLE	330	330 U	UG/KG
INDENO (1, 2, 3 -CD) PYRENE	330	330 U	UG/KG
4 -CHLOROANILINE	330	330 U	UG/KG
BIS (-2 -CHLOROETHOXY) METHANE	330	330 U	UG/KG
BIS (2 -CHLOROETHYL) ETHER	330	330 U	UG/KG
2 -CHLORONAPHTHALENE	330	330 U	UG/KG
2 -CHLOROPHENOL	330	330 U	UG/KG
2, 2' -OXYBIS (1 -CHLOROPROPANE)	330	330 U	UG/KG
CHRYSENE	330	330 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	330 U	UG/KG
DIBENZOFURAN	330	330 U	UG/KG
3, 3' -DICHLOROBENZIDINE	330	330 U	UG/KG
2, 4 -DICHLOROPHENOL	330	330 U	UG/KG
DIETHYL PHTHALATE	330	330 U	UG/KG
DIMETHYL PHTHALATE	330	330 U	UG/KG
2, 4 -DIMETHYLPHENOL	330	330 U	UG/KG
2, 4 -DINITROPHENOL	1700	1700 U	UG/KG
2, 4 -DINITROTOLUENE	330	330 U	UG/KG
2, 6 -DINITROTOLUENE	330	330 U	UG/KG
BIS (2 -ETHYLHEXYL) PHTHALATE	330	330 U	UG/KG
FLUORANTHENE	330	330 U	UG/KG
FLUORENE	330	330 U	UG/KG
HEXACHLOROBENZENE	330	330 U	UG/KG
HEXACHLOROBUTADIENE	330	330 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	330 U	UG/KG
HEXACHLOROETHANE	330	330 U	UG/KG
ISOPHORONE	330	330 U	UG/KG
2 -METHYLNAPHTHALENE	330	330 U	UG/KG
4, 6 -DINITRO -2 -METHYLPHENOL	1700	1700 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 654036 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/27/03			
DATE ANALYZED : 07/11/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
4 - CHLORO - 3 - METHYLPHENOL	330	330 U	UG/KG
2 - METHYLPHENOL	330	330 U	UG/KG
4 - METHYLPHENOL	330	330 U	UG/KG
NAPHTHALENE	330	330 U	UG/KG
2 - NITROANILINE	1700	1700 U	UG/KG
3 - NITROANILINE	1700	1700 U	UG/KG
4 - NITROANILINE	1700	1700 U	UG/KG
NITROBENZENE	330	330 U	UG/KG
2 - NITROPHENOL	330	330 U	UG/KG
4 - NITROPHENOL	1700	1700 U	UG/KG
N - NITROSODIPHENYLAMINE	330	330 U	UG/KG
DI - N - OCTYL PHTHALATE	330	330 U	UG/KG
PENTACHLOROPHENOL	1700	1700 U	UG/KG
PHENANTHRENE	330	330 U	UG/KG
PHENOL	330	330 U	UG/KG
4 - BROMOPHENYL - PHENYLEETHER	330	330 U	UG/KG
4 - CHLOROPHENYL - PHENYLEETHER	330	330 U	UG/KG
N - NITROSO - DI - N - PROPYLAMINE	330	330 U	UG/KG
PYRENE	330	330 U	UG/KG
2 , 4 , 6 - TRICHLOROPHENOL	330	330 U	UG/KG
2 , 4 , 5 - TRICHLOROPHENOL	330	330 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL - d14	(19 - 145 %)	104	%
NITROBENZENE - d5	(18 - 130 %)	67	%
PHENOL - d6	(10 - 125 %)	72	%
2 - FLUOROBIPHENYL	(23 - 130 %)	75	%
2 - FLUOROPHENOL	(13 - 130 %)	62	%
2 , 4 , 6 - TRIBROMOPHENOL	(23 - 131 %)	90	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 654033 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/01/03			
DATE ANALYZED : 07/14/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	330 U	UG/KG
ACENAPHTHYLENE	330	330 U	UG/KG
ACETOPHENONE	330	330 U	UG/KG
ANTHRACENE	330	330 U	UG/KG
ATRAZINE	330	330 U	UG/KG
BENZALDEHYDE	330	330 U	UG/KG
BENZO (A) ANTHRACENE	330	330 U	UG/KG
BENZO (A) PYRENE	330	330 U	UG/KG
BENZO (B) FLUORANTHENE	330	330 U	UG/KG
BENZO (G, H, I) PERYLENE	330	330 U	UG/KG
BENZO (K) FLUORANTHENE	330	330 U	UG/KG
1,1'-BIPHENYL	330	330 U	UG/KG
BUTYL BENZYL PHTHALATE	330	330 U	UG/KG
DI-N-BUTYLPHTHALATE	330	330 U	UG/KG
CAPROLACTAM	330	330 U	UG/KG
CARBAZOLE	330	330 U	UG/KG
INDENO (1,2,3-CD) PYRENE	330	330 U	UG/KG
4-CHLOROANILINE	330	330 U	UG/KG
BIS (-2-CHLOROETHOXY) METHANE	330	330 U	UG/KG
BIS (2-CHLOROETHYL) ETHER	330	330 U	UG/KG
2-CHLORONAPHTHALENE	330	330 U	UG/KG
2-CHLOROPHENOL	330	330 U	UG/KG
2,2'-OXYBIS (1-CHLOROPROPANE)	330	330 U	UG/KG
CHRYSENE	330	330 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	330 U	UG/KG
DIBENZOFURAN	330	330 U	UG/KG
3,3'-DICHLOROBENZIDINE	330	330 U	UG/KG
2,4-DICHLOROPHENOL	330	330 U	UG/KG
DIETHYLPHTHALATE	330	330 U	UG/KG
DIMETHYL PHTHALATE	330	330 U	UG/KG
2,4-DIMETHYLPHENOL	330	330 U	UG/KG
2,4-DINITROPHENOL	1700	1700 U	UG/KG
2,4-DINITROTOLUENE	330	330 U	UG/KG
2,6-DINITROTOLUENE	330	330 U	UG/KG
BIS (2-ETHYLHEXYL) PHTHALATE	330	330 U	UG/KG
FLUORANTHENE	330	330 U	UG/KG
FLUORENE	330	330 U	UG/KG
HEXACHLOROENZENE	330	330 U	UG/KG
HEXACHLOROBUTADIENE	330	330 U	UG/KG
HEXACHLOROCYCLOPENTADIENE	330	330 U	UG/KG
HEXACHLOROETHANE	330	330 U	UG/KG
ISOPHORONE	330	330 U	UG/KG
2-METHYLNAPHTHALENE	330	330 U	UG/KG
4,6-DINITRO-2-METHYLPHENOL	1700	1700 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 654033 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 07/01/03			
DATE ANALYZED : 07/14/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
4-CHLORO-3-METHYLPHENOL	330	330 U	UG/KG
2-METHYLPHENOL	330	330 U	UG/KG
4-METHYLPHENOL	330	330 U	UG/KG
NAPHTHALENE	330	330 U	UG/KG
2-NITROANILINE	1700	1700 U	UG/KG
3-NITROANILINE	1700	1700 U	UG/KG
4-NITROANILINE	1700	1700 U	UG/KG
NITROBENZENE	330	330 U	UG/KG
2-NITROPHENOL	330	330 U	UG/KG
4-NITROPHENOL	1700	1700 U	UG/KG
N-NITROSODIPHENYLAMINE	330	330 U	UG/KG
DI-N-OCTYL PHTHALATE	330	330 U	UG/KG
PENTACHLOROPHENOL	1700	1700 U	UG/KG
PHENANTHRENE	330	330 U	UG/KG
PHENOL	330	330 U	UG/KG
4-BROMOPHENYL-PHENYLEETHER	330	330 U	UG/KG
4-CHLOROPHENYL-PHENYLEETHER	330	330 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	330 U	UG/KG
PYRENE	330	330 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	330 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	330 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(19 - 145 %)	103	%
NITROBENZENE-d5	(18 - 130 %)	73	%
PHENOL-d6	(10 - 125 %)	71	%
2-FLUOROBIPHENYL	(23 - 130 %)	73	%
2-FLUOROPHENOL	(13 - 130 %)	61	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 654036 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/27/03			
DATE ANALYZED : 07/11/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACENAPHTHENE	330	330 U	UG/KG
ACENAPHTHYLENE	330	330 U	UG/KG
ACETOPHENONE	330	330 U	UG/KG
ANTHRACENE	330	330 U	UG/KG
ATRAZINE	330	330 U	UG/KG
BENZALDEHYDE	330	330 U	UG/KG
BENZO (A) ANTHRACENE	330	330 U	UG/KG
BENZO (A) PYRENE	330	330 U	UG/KG
BENZO (B) FLUORANTHENE	330	330 U	UG/KG
BENZO (G, H, I) PERYLENE	330	330 U	UG/KG
BENZO (K) FLUORANTHENE	330	330 U	UG/KG
1, 1' -BIPHENYL	330	330 U	UG/KG
BUTYL BENZYL PHTHALATE	330	330 U	UG/KG
DI -N -BUTYL PHTHALATE	330	330 U	UG/KG
CAPROLACTAM	330	330 U	UG/KG
CARBAZOLE	330	330 U	UG/KG
INDENO (1, 2, 3 -CD) PYRENE	330	330 U	UG/KG
4 -CHLOROANILINE	330	330 U	UG/KG
BIS (-2 -CHLOROETHOXY) METHANE	330	330 U	UG/KG
BIS (2 -CHLOROETHYL) ETHER	330	330 U	UG/KG
2 -CHLORONAPHTHALENE	330	330 U	UG/KG
2 -CHLOROPHENOL	330	330 U	UG/KG
2, 2' -OXYBIS (1 -CHLOROPROPANE)	330	330 U	UG/KG
CHRYSENE	330	330 U	UG/KG
DIBENZO (A, H) ANTHRACENE	330	330 U	UG/KG
DIBENZOFURAN	330	330 U	UG/KG
3, 3' -DICHLORO BENZIDINE	330	330 U	UG/KG
2, 4 -DICHLOROPHENOL	330	330 U	UG/KG
DIETHYL PHTHALATE	330	330 U	UG/KG
DIMETHYL PHTHALATE	330	330 U	UG/KG
2, 4 -DIMETHYLPHENOL	330	330 U	UG/KG
2, 4 -DINITROPHENOL	1700	1700 U	UG/KG
2, 4 -DINITROTOLUENE	330	330 U	UG/KG
2, 6 -DINITROTOLUENE	330	330 U	UG/KG
BIS (2 -ETHYLHEXYL) PHTHALATE	330	330 U	UG/KG
FLUORANTHENE	330	330 U	UG/KG
FLUORENE	330	330 U	UG/KG
HEXACHLORO BENZENE	330	330 U	UG/KG
HEXACHLORO BUTADIENE	330	330 U	UG/KG
HEXACHLORO CYCLOPENTADIENE	330	330 U	UG/KG
HEXACHLORO ETHANE	330	330 U	UG/KG
ISOPHORONE	330	330 U	UG/KG
2 -METHYLNAPHTHALENE	330	330 U	UG/KG
4, 6 -DINITRO -2 -METHYLPHENOL	1700	1700 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 08/04/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 654036 Sample Matrix: SOIL/SEDIMENT
 Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/27/03			
DATE ANALYZED : 07/11/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
4-CHLORO-3-METHYLPHENOL	330	330 U	UG/KG
2-METHYLPHENOL	330	330 U	UG/KG
4-METHYLPHENOL	330	330 U	UG/KG
NAPHTHALENE	330	330 U	UG/KG
2-NITROANILINE	1700	1700 U	UG/KG
3-NITROANILINE	1700	1700 U	UG/KG
4-NITROANILINE	1700	1700 U	UG/KG
NITROBENZENE	330	330 U	UG/KG
2-NITROPHENOL	330	330 U	UG/KG
4-NITROPHENOL	1700	1700 U	UG/KG
N-NITROSODIPHENYLAMINE	330	330 U	UG/KG
DI-N-OCTYL PHTHALATE	330	330 U	UG/KG
PENTACHLOROPHENOL	1700	1700 U	UG/KG
PHENANTHRENE	330	330 U	UG/KG
PHENOL	330	330 U	UG/KG
4-BROMOPHENYL-PHENYLETHER	330	330 U	UG/KG
4-CHLOROPHENYL-PHENYLETHER	330	330 U	UG/KG
N-NITROSO-DI-N-PROPYLAMINE	330	330 U	UG/KG
PYRENE	330	330 U	UG/KG
2,4,6-TRICHLOROPHENOL	330	330 U	UG/KG
2,4,5-TRICHLOROPHENOL	330	330 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(19 - 145 %)	104	%
NITROBENZENE-d5	(18 - 130 %)	67	%
PHENOL-d6	(10 - 125 %)	72	%
2-FLUOROBIPHENYL	(23 - 130 %)	75	%
2-FLUOROPHENOL	(13 - 130 %)	62	%
2,4,6-TRIBROMOPHENOL	(23 - 131 %)	90	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 08/04/03

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	651806	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/24/03			
DATE ANALYZED : 07/01/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
AROCLOR-1016	33	33 U	UG/KG
AROCLOR-1221	67	67 U	UG/KG
AROCLOR-1232	33	33 U	UG/KG
AROCLOR-1242	33	33 U	UG/KG
AROCLOR-1248	33	33 U	UG/KG
AROCLOR-1254	33	33 U	UG/KG
AROCLOR-1260	33	33 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIIPHENYL (DCB)	(30 - 150 %)	130	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	70	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	654086	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 07/01/03		
DATE ANALYZED	: 07/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	33 U	UG/KG
PCB 1221	33	33 U	UG/KG
PCB 1232	33	33 U	UG/KG
PCB 1242	33	33 U	UG/KG
PCB 1248	33	33 U	UG/KG
PCB 1254	33	33 U	UG/KG
PCB 1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	96	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	91	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	654048	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/27/03		
DATE ANALYZED	: 07/28/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	33 U	UG/KG
PCB 1221	33	33 U	UG/KG
PCB 1232	33	33 U	UG/KG
PCB 1242	33	33 U	UG/KG
PCB 1248	33	33 U	UG/KG
PCB 1254	33	33 U	UG/KG
PCB 1260	33	33 U	UG/KG

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL	(37 - 156 %)	116	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	95	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	651349	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/23/03			
DATE ANALYZED : 07/07/03			
ANALYTICAL DILUTION: 1.00			Dry Weight
PCB 1016	33	33 U	UG/KG
PCB 1221	33	33 U	UG/KG
PCB 1232	33	33 U	UG/KG
PCB 1242	33	33 U	UG/KG
PCB 1248	33	33 U	UG/KG
PCB 1254	33	33 U	UG/KG
PCB 1260	33	33 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL	(37 - 156 %)	106	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	87	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD 8082 PCB'S

Reported: 08/04/03

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	651349	Sample Matrix:	SOIL/SEDIMENT
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/23/03		
DATE ANALYZED	: 07/30/03		
ANALYTICAL DILUTION:	1.00		Dry Weight
PCB 1016	33	33 U	UG/KG
PCB 1221	33	33 U	UG/KG
PCB 1232	33	33 U	UG/KG
PCB 1242	33	33 U	UG/KG
PCB 1248	33	33 U	UG/KG
PCB 1254	33	33 U	UG/KG
PCB 1260	33	33 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL	(37 - 156 %)	114	%
TETRACHLORO-META-XYLENE	(45 - 133 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659084 ANALYTICAL RUN #: 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 6/27/2003			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	130	50 - 150
BENZENE	20.0	96	70 - 130
BROMODICHLOROMETHANE	20.0	107	70 - 130
BROMOFORM	20.0	97	70 - 130
BROMOMETHANE	20.0	91	50 - 150
2-BUTANONE (MEK)	20.0	101	50 - 150
METHYL-TERT-BUTYL ETHER	20.0	102	70 - 130
CARBON DISULFIDE	20.0	103	70 - 130
CARBON TETRACHLORIDE	20.0	98	70 - 130
CHLOROBENZENE	20.0	101	70 - 130
CHLOROETHANE	20.0	97	70 - 130
CHLOROFORM	20.0	106	70 - 130
CHLOROMETHANE	20.0	96	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	20.0	99	50 - 150
CYCLOHEXANE	20.0	103	50 - 150
DIBROMOCHLOROMETHANE	20.0	102	70 - 130
1,2-DIBROMOETHANE	20.0	101	70 - 130
1,3-DICHLOROBENZENE	20.0	100	70 - 130
1,4-DICHLOROBENZENE	20.0	104	70 - 130
1,2-DICHLOROBENZENE	20.0	101	70 - 130
DICHLORODIFLUOROMETHANE	20.0	101	70 - 130
1,1-DICHLOROETHANE	20.0	105	70 - 130
1,2-DICHLOROETHANE	20.0	107	70 - 130
1,1-DICHLOROETHENE	20.0	108	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	107	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	104	70 - 130
1,2-DICHLOROPROPANE	20.0	97	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	107	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	98	70 - 130
ETHYLBENZENE	20.0	99	70 - 130
2-HEXANONE	20.0	99	70 - 130
ISOPROPYLBENZENE	20.0	96	70 - 130
METHYL ACETATE	20.0	115	50 - 150
METHYLCYCLOHEXANE	20.0	100	70 - 130
METHYLENE CHLORIDE	20.0	113	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	104	70 - 130
STYRENE	20.0	105	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	105	70 - 130
TETRACHLOROETHENE	20.0	103	70 - 130
TOLUENE	20.0	103	70 - 130
1,2,4-TRICHLOROBENZENE	20.0	95	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659084 ANALYTICAL RUN #: 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 6/27/2003		
ANALYTICAL DILUTION:	1.0		
1,1,1-TRICHLOROETHANE	20.0	97	70 - 130
1,1,2-TRICHLOROETHANE	20.0	94	70 - 130
TRICHLOROETHENE	20.0	96	70 - 130
TRICHLOROTRIFLUOROMETHANE	20.0	102	70 - 130
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	116	70 - 130
VINYL CHLORIDE	20.0	98	70 - 130
O-XYLENE	20.0	97	70 - 130
M+P-XYLENE	40.0	104	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659095 ANALYTICAL RUN #: 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 6/30/2003		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	138	50 - 150
BENZENE	20.0	88	70 - 130
BROMODICHLOROMETHANE	20.0	90	70 - 130
BROMOFORM	20.0	84	70 - 130
BROMOMETHANE	20.0	98	50 - 150
2-BUTANONE (MEK)	20.0	97	50 - 150
METHYL-TERT-BUTYL ETHER	20.0	99	70 - 130
CARBON DISULFIDE	20.0	96	70 - 130
CARBON TETRACHLORIDE	20.0	83	70 - 130
CHLOROBENZENE	20.0	93	70 - 130
CHLOROETHANE	20.0	80	70 - 130
CHLOROFORM	20.0	91	70 - 130
CHLOROMETHANE	20.0	86	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	20.0	91	50 - 150
CYCLOHEXANE	20.0	95	50 - 150
DIBROMOCHLOROMETHANE	20.0	84	70 - 130
1,2-DIBROMOETHANE	20.0	96	70 - 130
1,3-DICHLOROBENZENE	20.0	90	70 - 130
1,4-DICHLOROBENZENE	20.0	91	70 - 130
1,2-DICHLOROBENZENE	20.0	91	70 - 130
DICHLORODIFLUOROMETHANE	20.0	96	70 - 130
1,1-DICHLOROETHANE	20.0	96	70 - 130
1,2-DICHLOROETHANE	20.0	92	70 - 130
1,1-DICHLOROETHENE	20.0	98	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	100	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	98	70 - 130
1,2-DICHLOROPROPANE	20.0	90	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	94	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	92	70 - 130
ETHYLBENZENE	20.0	91	70 - 130
2-HEXANONE	20.0	89	70 - 130
ISOPROPYLBENZENE	20.0	87	70 - 130
METHYL ACETATE	20.0	93	50 - 150
METHYLCYCLOHEXANE	20.0	92	70 - 130
METHYLENE CHLORIDE	20.0	99	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	89	70 - 130
STYRENE	20.0	92	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	93	70 - 130
TETRACHLOROETHENE	20.0	92	70 - 130
TOLUENE	20.0	90	70 - 130
1,2,4-TRICHLOROBENZENE	20.0	86	70 - 130

177

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659095 ANALYTICAL RUN # : 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 6/30/2003		
ANALYTICAL DILUTION:	1.0		
1,1,1-TRICHLOROETHANE	20.0	94	70 - 130
1,1,2-TRICHLOROETHANE	20.0	93	70 - 130
TRICHLOROETHENE	20.0	87	70 - 130
TRICHLOROTRIFLUOROMETHANE	20.0	96	70 - 130
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	98	70 - 130
VINYL CHLORIDE	20.0	87	70 - 130
O-XYLENE	20.0	86	70 - 130
M+P-XYLENE	40.0	92	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659103 ANALYTICAL RUN #: 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 7/ 1/2003		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	95	50 - 150
BENZENE	20.0	95	70 - 130
BROMODICHLOROMETHANE	20.0	95	70 - 130
BROMOFORM	20.0	99	70 - 130
BROMOMETHANE	20.0	92	50 - 150
2-BUTANONE (MEK)	20.0	103	50 - 150
METHYL-TERT-BUTYL ETHER	20.0	96	70 - 130
CARBON DISULFIDE	20.0	91	70 - 130
CARBON TETRACHLORIDE	20.0	93	70 - 130
CHLOROBENZENE	20.0	93	70 - 130
CHLOROETHANE	20.0	86	70 - 130
CHLOROFORM	20.0	101	70 - 130
CHLOROMETHANE	20.0	82	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	20.0	101	50 - 150
CYCLOHEXANE	20.0	96	50 - 150
DIBROMOCHLOROMETHANE	20.0	99	70 - 130
1,2-DIBROMOETHANE	20.0	94	70 - 130
1,3-DICHLOROBENZENE	20.0	89	70 - 130
1,4-DICHLOROBENZENE	20.0	94	70 - 130
1,2-DICHLOROBENZENE	20.0	90	70 - 130
DICHLORODIFLUOROMETHANE	20.0	98	70 - 130
1,1-DICHLOROETHANE	20.0	100	70 - 130
1,2-DICHLOROETHANE	20.0	92	70 - 130
1,1-DICHLOROETHENE	20.0	99	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	98	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	99	70 - 130
1,2-DICHLOROPROPANE	20.0	99	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	107	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	97	70 - 130
ETHYLBENZENE	20.0	88	70 - 130
2-HEXANONE	20.0	99	70 - 130
ISOPROPYLBENZENE	20.0	88	70 - 130
METHYL ACETATE	20.0	107	50 - 150
METHYLCYCLOHEXANE	20.0	88	70 - 130
METHYLENE CHLORIDE	20.0	94	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	100	70 - 130
STYRENE	20.0	90	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	99	70 - 130
TETRACHLOROETHENE	20.0	89	70 - 130
TOLUENE	20.0	91	70 - 130
1,2,4-TRICHLOROBENZENE	20.0	83	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659103 ANALYTICAL RUN #: 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 7/ 1/2003		
ANALYTICAL DILUTION:	1.0		
1,1,1-TRICHLOROETHANE	20.0	89	70 - 130
1,1,2-TRICHLOROETHANE	20.0	102	70 - 130
TRICHLOROETHENE	20.0	96	70 - 130
TRICHLOROTRIFLUOROMETHANE	20.0	92	70 - 130
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	85	70 - 130
VINYL CHLORIDE	20.0	83	70 - 130
O-XYLENE	20.0	90	70 - 130
M+P-XYLENE	40.0	89	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659105 ANALYTICAL RUN #: 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 7/ 1/2003			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	132	50 - 150
BENZENE	20.0	94	70 - 130
BROMODICHLOROMETHANE	20.0	96	70 - 130
BROMOFORM	20.0	97	70 - 130
BROMOMETHANE	20.0	103	50 - 150
2-BUTANONE (MEK)	20.0	116	50 - 150
METHYL-TERT-BUTYL ETHER	20.0	102	70 - 130
CARBON DISULFIDE	20.0	101	70 - 130
CARBON TETRACHLORIDE	20.0	102	70 - 130
CHLOROBENZENE	20.0	97	70 - 130
CHLOROETHANE	20.0	95	70 - 130
CHLOROFORM	20.0	106	70 - 130
CHLOROMETHANE	20.0	87	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	20.0	101	50 - 150
CYCLOHEXANE	20.0	105	50 - 150
DIBROMOCHLOROMETHANE	20.0	95	70 - 130
1,2-DIBROMOETHANE	20.0	99	70 - 130
1,3-DICHLOROBENZENE	20.0	97	70 - 130
1,4-DICHLOROBENZENE	20.0	98	70 - 130
1,2-DICHLOROBENZENE	20.0	99	70 - 130
DICHLORODIFLUOROMETHANE	20.0	103	70 - 130
1,1-DICHLOROETHANE	20.0	102	70 - 130
1,2-DICHLOROETHANE	20.0	99	70 - 130
1,1-DICHLOROETHENE	20.0	112	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	102	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	98	70 - 130
1,2-DICHLOROPROPANE	20.0	101	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	100	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	96	70 - 130
ETHYLBENZENE	20.0	96	70 - 130
2-HEXANONE	20.0	99	70 - 130
ISOPROPYLBENZENE	20.0	92	70 - 130
METHYL ACETATE	20.0	111	50 - 150
METHYLCYCLOHEXANE	20.0	94	70 - 130
METHYLENE CHLORIDE	20.0	105	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	106	70 - 130
STYRENE	20.0	97	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	98	70 - 130
TETRACHLOROETHENE	20.0	100	70 - 130
TOLUENE	20.0	99	70 - 130
1,2,4-TRICHLOROBENZENE	20.0	94	70 - 130

181

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659105 ANALYTICAL RUN #: 93492

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 7/ 1/2003		
ANALYTICAL DILUTION:	1.0		
1,1,1-TRICHLOROETHANE	20.0	101	70 - 130
1,1,2-TRICHLOROETHANE	20.0	97	70 - 130
TRICHLOROETHENE	20.0	92	70 - 130
TRICHLOROTRIFLUOROMETHANE	20.0	103	70 - 130
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	111	70 - 130
VINYL CHLORIDE	20.0	87	70 - 130
O-XYLENE	20.0	95	70 - 130
M+P-XYLENE	40.0	98	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659275 ANALYTICAL RUN #: 93506

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	103	50 - 150
BENZENE	20.0	106	70 - 130
BROMODICHLOROMETHANE	20.0	99	70 - 130
BROMOFORM	20.0	92	70 - 130
BROMOMETHANE	20.0	110	50 - 150
2-BUTANONE (MEK)	20.0	97	50 - 150
METHYL-TERT-BUTYL ETHER	20.0	97	70 - 130
CARBON DISULFIDE	20.0	108	70 - 130
CARBON TETRACHLORIDE	20.0	115	70 - 130
CHLOROBENZENE	20.0	105	70 - 130
CHLOROETHANE	20.0	122	70 - 130
CHLOROFORM	20.0	107	70 - 130
CHLOROMETHANE	20.0	86	70 - 130
1,2-DIBROMO-3-CHLOROPROPANE	20.0	96	50 - 150
CYCLOHEXANE	20.0	116	50 - 150
DIBROMOCHLOROMETHANE	20.0	96	70 - 130
1,2-DIBROMOETHANE	20.0	95	70 - 130
1,3-DICHLOROBENZENE	20.0	99	70 - 130
1,4-DICHLOROBENZENE	20.0	101	70 - 130
1,2-DICHLOROBENZENE	20.0	97	70 - 130
DICHLORODIFLUOROMETHANE	20.0	113	70 - 130
1,1-DICHLOROETHANE	20.0	109	70 - 130
1,2-DICHLOROETHANE	20.0	98	70 - 130
1,1-DICHLOROETHENE	20.0	114	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	108	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	107	70 - 130
1,2-DICHLOROPROPANE	20.0	102	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	101	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	93	70 - 130
ETHYLBENZENE	20.0	104	70 - 130
2-HEXANONE	20.0	93	70 - 130
ISOPROPYLBENZENE	20.0	101	70 - 130
METHYL ACETATE	20.0	98	50 - 150
METHYLCYCLOHEXANE	20.0	106	70 - 130
METHYLENE CHLORIDE	20.0	104	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	95	70 - 130
STYRENE	20.0	98	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	91	70 - 130
TETRACHLOROETHENE	20.0	117	70 - 130
TOLUENE	20.0	103	70 - 130
1,2,4-TRICHLOROBENZENE	20.0	94	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TAL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 659275 ANALYTICAL RUN #: 93506

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 07/02/03		
ANALYTICAL DILUTION:	1.0		
1,1,1-TRICHLOROETHANE	20.0	113	70 - 130
1,1,2-TRICHLOROETHANE	20.0	96	70 - 130
TRICHLOROETHENE	20.0	112	70 - 130
TRICHLOROTRIFLUOROMETHANE	20.0	115	70 - 130
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	120	70 - 130
VINYL CHLORIDE	20.0	101	70 - 130
O-XYLENE	20.0	99	70 - 130
M+P-XYLENE	40.0	100	70 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
SOIL/SEDIMENT

Spiked Order No. : 658274

Dup Spiked Order No. : 658275

Client ID:

Test: 8270C SEMIVOLATILES

Analytical Units: UG/KG

Run Number : 93344

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	3300	0	2900	87	3100	93	7	19	42 - 130
2-CHLOROPHENOL	6700	0	2800	42	2900	44	4	50	27 - 130
2,4-DINITROTOLUENE	3300	0	3500	105	3500	105	0	38	45 - 135
4-CHLORO-3-METHYLPHENO	6700	0	3300	50	3300	50	0	33	31 - 130
4-NITROPHENOL	6700	0	3200	48	3200	48	0	50	23 - 130
PENTACHLOROPHENOL	6700	0	3500	53	3600	54	3	47	27 - 130
PHENOL	6700	0	2800	42	2900	44	4	35	27 - 130
N-NITROSO-DI-N-PROPYLA	3300	0	3200	96	3200	96	0	38	44 - 130
PYRENE	3300	0	3300	99	3400	102	3	36	35 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY LABORATORY CONTROL SAMPLE
SOIL/SEDIMENT

Spiked Order No. : 652435

Client ID:

Test: 8270C SEMIVOLATILES

Analytical Units: UG/KG

Run Number : 92489

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		QC LIMITS
			FOUND	% REC.	REC.
ACENAPHTHENE	3330	0	3100	93	42 - 130
2-CHLOROPHENOL	6660	0	2300	35	27 - 130
2,4-DINITROTOLUENE	3330	0	3300	99	45 - 135
4-CHLORO-3-METHYLPHENO	6660	0	2600	39	31 - 130
4-NITROPHENOL	6660	0	2800	42	23 - 130
PENTACHLOROPHENOL	6660	0	2800	42	27 - 130
PHENOL	6660	0	2400	36	27 - 130
N-NITROSO-DI-N-PROPYLA	3330	0	2500	75	44 - 130
PYRENE	3330	0	2800	84	35 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
SOIL/SEDIMENT

Spiked Order No. : 654037

Dup Spiked Order No. : 654038

Client ID:

Test: 8270C SEMIVOLATILES

Analytical Units: UG/KG

Run Number : 92697

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	3300	0	3100	93	3100	93	0	19	42 - 130
2-CHLOROPHENOL	6700	0	2600	39	2700	41	4	50	27 - 130
2,4-DINITROTOLUENE	3300	0	3400	102	3500	105	3	38	45 - 135
4-CHLORO-3-METHYLPHENO	6700	0	3100	47	3100	47	0	33	31 - 130
4-NITROPHENOL	6700	0	3200	48	3300	50	3	50	23 - 130
PENTACHLOROPHENOL	6700	0	3400	51	3400	51	0	47	27 - 130
PHENOL	6700	0	2600	39	2700	41	4	35	27 - 130
N-NITROSO-DI-N-PROPYLA	3300	0	2700	81	2800	84	4	38	44 - 130
PYRENE	3300	0	3300	99	3300	99	0	36	35 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
SOIL/SEDIMENT

Spiked Order No. : 654034

Dup Spiked Order No. : 654035

Client ID:

Test: 8270C SEMIVOLATILES

Analytical Units: UG/KG

Run Number : 92696

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	3300	0	3000	90	3100	93	3	19	42 - 130
2-CHLOROPHENOL	6700	0	2700	41	2800	42	4	50	27 - 130
2,4-DINITROTOLUENE	3300	0	3700	111	3800	114	3	38	45 - 135
4-CHLORO-3-METHYLPHENO	6700	0	3200	48	3300	50	3	33	31 - 130
4-NITROPHENOL	6700	0	3500	53	3600	54	3	50	23 - 130
PENTACHLOROPHENOL	6700	0	3400	51	3500	53	3	47	27 - 130
PHENOL	6700	0	2700	41	2900	44	7	35	27 - 130
N-NITROSO-DI-N-PROPYLA	3300	0	3200	96	3200	96	0	38	44 - 130
PYRENE	3300	0	3400	102	3500	105	3	36	35 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
SOIL/SEDIMENT

Spiked Order No. : 654037

Dup Spiked Order No. : 654038

Client ID:

Test: 8270C SEMIVOLATILES

Analytical Units: UG/KG

Run Number : 92697

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	3300	0	3100	93	3100	93	0	19	42 - 130
2-CHLOROPHENOL	6700	0	2600	39	2700	41	4	50	27 - 130
2,4-DINITROTOLUENE	3300	0	3400	102	3500	105	3	38	45 - 135
4-CHLORO-3-METHYLPHENO	6700	0	3100	47	3100	47	0	33	31 - 130
4-NITROPHENOL	6700	0	3200	48	3300	50	3	50	23 - 130
PENTACHLOROPHENOL	6700	0	3400	51	3400	51	0	47	27 - 130
PHENOL	6700	0	2600	39	2700	41	4	35	27 - 130
N-NITROSO-DI-N-PROPYLA	3300	0	2700	81	2800	84	4	38	44 - 130
PYRENE	3300	0	3300	99	3300	99	0	36	35 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
 SOIL/SEDIMENT

Spiked Order No. : 651807

Dup Spiked Order No. : 651808

Client ID:

Test: OLM4.2

Analytical Units: UG/KG

Run Number : 92408

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
AROCLOR-1254	170	0	200	120	200	120	0	30	29 - 131

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
 SOIL/SEDIMENT

Spiked Order No. : 654087

Dup Spiked Order No. : 654088

Client ID:

Test: 8082 PCB'S

Analytical Units: UG/KG

Run Number : 92730

ANALYTE	SPIKE	SAMPLE	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
	ADDED	CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
PCB 1254	170	0	181	109	167	100	8	30	70 - 130

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R3-17242 SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): H1067.D Date Analyzed: 6/30/03
 Instrument ID: MS#7 Time Analyzed: 10:57
 GC Column: ZB-624 ID: 0.32 (mm) Heated Purge (Y/N): Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	378888	9.79	585985	11.10	550239	16.51
UPPER LIMIT	757776	10.29	1171970	11.60	1100478	17.01
LOWER LIMIT	189444	9.29	292993	10.60	275120	16.01
EPA SAMPLE NO.						
01 LCS1	360827	9.79	575936	11.11	551568	16.51
02 MET BLK1	336521	9.79	543719	11.11	527213	16.52
03 SUR SAMP	324834	9.80	482804	11.11	417911	16.51

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = d5-Chlorobenze
 IS4 = d4 - Dichlorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R3-17242 SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): H1067.D Date Analyzed: 06/30/03
 Instrument ID: MS#7 Time Analyzed: 10:57
 GC Column: ZB-624 ID: 0.32 (mm) Heated Purge (Y/N): N

	IS4					
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	317729	21.21				
UPPER LIMIT	635458	20.71				
LOWER LIMIT	158865	21.71				
EPA SAMPLE NO.						
01 LCS1	308079	21.21				
02 MET BLK1	297250	21.21				
03 SUR SAMP	133945 *	21.22				

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = d5-Chlorobenze
 IS4 = d4 - Dichlorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R3-17242 SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): H1104.D Date Analyzed: 7/1/03
 Instrument ID: MS#7 Time Analyzed: 9:44
 GC Column: ZB-624 ID: 0.32 (mm) Heated Purge (Y/N): Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	381547	9.80	564712	11.11	562811	16.51
UPPER LIMIT	763094	10.30	1129424	11.61	1125622	17.01
LOWER LIMIT	190774	9.30	282356	10.61	281406	16.01
EPA SAMPLE NO.						
01 LCS2	369282	9.80	583344	11.11	567020	16.52
02 MET BLK2	331285	9.80	511805	11.12	500477	16.52
03 SUR SAMPRE	328670	9.81	500279	11.12	414281	16.53

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = d5-Chlorobenze
 IS4 = d4 - Dichlorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R3-17242 SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): H1104.D Date Analyzed: 07/01/03
 Instrument ID: MS#7 Time Analyzed: 09:44
 GC Column: ZB-624 ID: 0.32 (mm) Heated Purge (Y/N): N

	IS4					
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	307462	21.21				
UPPER LIMIT	614924	20.71				
LOWER LIMIT	153731	21.71				
EPA SAMPLE NO.						
01 LCS2	313141	21.22				
02 MET BLK2	284449	21.22				
03 SUR SAMPRE	143417 *	21.22				

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = d5-Chlorobenze
 IS4 = d4 - Dichlorobenzene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR #
CAS Contact

Project Name CITY OF ROCHESTER 1200 E. MAIN ST	Project Number 4453.02
Project Manager GARY PUSLIK	Report CC
Company/Address Boroyan Associates 200 FIRST FEDERAL PLAZA, 28 E. MAIN ST. ROCHESTER NY 14614	
Phone # 232-5135	FAX# 232-4652
Sampler's Signature <i>[Signature]</i>	Sampler's Printed Name MARSCHAL

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE	0												
	ETHYLENE GLYCOL												
NUMBER OF CONTAINERS	GC/MS VOA's #8260 <input type="checkbox"/> #824 <input type="checkbox"/> CLP	GC/MS SVOA's #8270 <input type="checkbox"/> #825 <input type="checkbox"/> CLP	GC VOA's #8021 <input type="checkbox"/> #601/602	PESTICIDES #8081 <input type="checkbox"/> #608 <input type="checkbox"/> CLP	PCB's #8082 <input type="checkbox"/> #608 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	SW-846 RECALIBRATED	ETHYLENE GLYCOL	B160 HTBE ASP	B170 ASP	SW-846 RECALIBRATED ASP	B082 ASP

- Preservative Key
- NONE
 - HCL
 - HNO₃
 - H₂SO₄
 - NaOH
 - Zn. Acetate
 - MeOH
 - NaHSO₄
 - Other _____

CLIENT SAMPLE ID	FOR OFFICE USE ONLY		SAMPLING		MATRIX													
	LAB ID		DATE	TIME														
TT-8	648786		6/16/03	10:50	Soil	4	+	X		X		X	X					
FIELD DUP #2 TT-8	90		6/16/03	10:50	Soil	4	+	X		X		X	X					
TT-9	87		6/16/03	12:30	Soil	4	X	X		✓		X	X					
TT-11			6/16/03	14:05	Soil	4						X	X	X	X	X	X	X
TT-7	85		6/16/03	15:15	Soil	4	X	X		X		X	X					
TT-10	88		6/16/03	16:00	Soil	4	X	X		X		X	X					

REMARKS/
ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals
SW-846 RECALIB

See QAPP

TURNAROUND REQUIREMENTS
RUSH (SURCHARGES APPLY)
24 hr 48 hr 5 day
X STANDARD

REQUESTED FAX DATE _____

REQUESTED REPORT DATE _____

REPORT REQUIREMENTS

I. Results Only

X II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

III. Results + QC and Calibration Summaries

IV. Data Validation Report with Raw Data

V. Specialized Forms / Custom Report

Edata Yes No

INVOICE INFORMATION

PO# _____

BILL TO: _____

SUBMISSION #: _____

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY	
Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>
Printed Name Boroyan Associates	Printed Name Heather Lovcjin	Printed Name Boroyan Associates	Printed Name Heather Lovcjin	Printed Name Boroyan Associates	Printed Name Heather Lovcjin	Printed Name Boroyan Associates	Printed Name Heather Lovcjin	Printed Name Boroyan Associates	Printed Name Heather Lovcjin	Printed Name Boroyan Associates	Printed Name Heather Lovcjin
Firm 6	Firm 6	Firm 6	Firm 6	Firm 6	Firm 6	Firm 6	Firm 6	Firm 6	Firm 6	Firm 6	Firm 6
Date/Time 6/16/03 @ 16:35	Date/Time 6/16/03 16:35	Date/Time 6/16/03 @ 16:35	Date/Time 6/16/03 16:35	Date/Time 6/16/03 @ 16:35	Date/Time 6/16/03 16:35	Date/Time 6/16/03 @ 16:35	Date/Time 6/16/03 16:35	Date/Time 6/16/03 @ 16:35	Date/Time 6/16/03 16:35	Date/Time 6/16/03 @ 16:35	Date/Time 6/16/03 16:35

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number 17242

Cooler received on 6/11/03 by: NDP COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were **Ice** or **Ice packs** present? YES NO
6. Where did the bottles originate? CAS/ROC CLIENT
7. Temperature of cooler(s) upon receipt: 6°

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6/11/03 14:40
 Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples

Cooler Breakdown: Date: 6/18/03 by: NDP

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____
 **If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments:

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR # _____
 CAS Contact _____

Project Name <i>CITY OF ROCHESTER 120 E. MAIN STREET</i>	Project Number <i>4453.02</i>	ANALYSIS REQUESTED (Include Method Number and Container Preservative)															
Project Manager <i>GARY F. SCHIK</i>	Report CC	PRESERVATIVE		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">NUMBER OF CONTAINERS</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">GC/MS VOA's 8260 <input checked="" type="checkbox"/> 8270 <input checked="" type="checkbox"/> 8082 <input checked="" type="checkbox"/> 624 <input type="checkbox"/> CLP</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">GC/MS SVOA's 8270 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> 625 <input type="checkbox"/> CLP</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">GC VOA's 8021 <input type="checkbox"/> 601/602</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">METALS, TOTAL (List in comments below)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">METALS, DISSOLVED (List in comments below)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">DIBENZO P DIBENZO</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">DIBENZO CARBOL</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">DIBENZO ASP</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">DIBENZO ASP</td> </tr> </table>		NUMBER OF CONTAINERS	GC/MS VOA's 8260 <input checked="" type="checkbox"/> 8270 <input checked="" type="checkbox"/> 8082 <input checked="" type="checkbox"/> 624 <input type="checkbox"/> CLP	GC/MS SVOA's 8270 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> 625 <input type="checkbox"/> CLP	GC VOA's 8021 <input type="checkbox"/> 601/602	PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	DIBENZO P DIBENZO	DIBENZO CARBOL	DIBENZO ASP	DIBENZO ASP
NUMBER OF CONTAINERS	GC/MS VOA's 8260 <input checked="" type="checkbox"/> 8270 <input checked="" type="checkbox"/> 8082 <input checked="" type="checkbox"/> 624 <input type="checkbox"/> CLP	GC/MS SVOA's 8270 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> 625 <input type="checkbox"/> CLP	GC VOA's 8021 <input type="checkbox"/> 601/602			PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	DIBENZO P DIBENZO	DIBENZO CARBOL	DIBENZO ASP	DIBENZO ASP				
Company/Address <i>BOLYMAN ASSOCIATES 200 FIRST FLOOR PLAZA, 25 E. MAIN STREET ROCHESTER, NY 14614</i>		PHONE # <i>232 5135</i>				FAX # <i>232 4652</i>											
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name <i>MARSHALL</i>															

- Preservative Key**
- 0. NONE
 - 1. HCL
 - 2. HNO₃
 - 3. H₂SO₄
 - 4. NaOH
 - 5. Zn. Acetate
 - 6. MeOH
 - 7. NaHSO₄
 - 8. Other _____

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED											REMARKS/ ALTERNATE DESCRIPTION		
		DATE	TIME			GC/MS VOA's	GC/MS SVOA's	GC VOA's	PESTICIDES	PCB's	METALS, TOTAL	METALS, DISSOLVED	DIBENZO P DIBENZO	DIBENZO CARBOL	DIBENZO ASP	DIBENZO ASP			
TT-6		6/1/03	0920	Soil	4	X	X			X					X	X	X	X	JMS 6/19/03
TT-5	648784	6/1/03	1000	Soil	4	X	X			X					X	X	X	X	
TT-2	648782	6/1/03	1030	Soil	4	X	X			X					X	X	X	X	
TT-3		6/1/03	1100	Soil	4										X	X	X	X	
F ₁₂₀ DOP #1 TT-3		6/1/03	1100	Soil	4										X	X	X	X	
TT-12A	649450	6/1/03	1455	Soil	4	X	X			X					X	X	X	X	
TT-12	648789	6/1/03	1530	Soil	4	X	X			X					X	X	X	X	

SPECIAL INSTRUCTIONS/COMMENTS Metals <i>SW-800 RECAR & METALS</i> <p style="font-size: 2em; text-align: center;"><i>Analyze TT-6 for 8260 8270, 8082 & RECAR met as per Ed Jones JMS 6/19/03</i></p> See QAPP <input type="checkbox"/>	TURNAROUND REQUIREMENTS <input type="checkbox"/> RUSH (SURCHARGES APPLY) <input type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/> STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____	REPORT REQUIREMENTS <input type="checkbox"/> I. Results Only <input checked="" type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required) <input type="checkbox"/> III. Results + QC and Calibration Summaries <input type="checkbox"/> IV. Data Validation Report with Raw Data <input type="checkbox"/> V. Specialized Forms / Custom Report Edata <input type="checkbox"/> Yes <input type="checkbox"/> No	INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: _____
---	--	--	---

SAMPLER'S SIGNATURE/DATE		RECEIVED BY		CUSTODY SEALS: Y N		SAMPLER'S SIGNATURE/DATE		RECEIVED BY		SAMPLER'S SIGNATURE/DATE		RECEIVED BY	
<i>[Signature]</i> Date/Time: <i>6/1/03</i>		<i>[Signature]</i> Date/Time: <i>6/1/03</i>				<i>[Signature]</i> Date/Time: <i>6/1/03</i>		<i>[Signature]</i> Date/Time: <i>6/1/03</i>		<i>[Signature]</i> Date/Time: <i>6/1/03</i>		<i>[Signature]</i> Date/Time: <i>6/1/03</i>	

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number 17242

Cooler received on 6/17/03 by ASD COURIER: CAS UPS FEDEX CD&L **CLIENT**

1. Were custody seals on outside of cooler? YES **NO**
2. Were custody papers properly filled out (ink, signed, etc.)? **YES** NO
3. Did all bottles arrive in good condition (unbroken)? **YES** NO
4. Did any VOA vials have significant air bubbles? **YES** NO **N/A**
5. Were Ice or Ice packs present? **YES** NO
6. Where did the bottles originate? **CAS/ROE**, CLIENT
7. Temperature of cooler(s) upon receipt: 5

Is the temperature within 0° - 6° C?: **Yes** Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6/17/03 1625

Thermometer ID: 161 or **IR GUN** Reading From: Temp Blank or **Sample Bottle**

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 6/18/03 by: ASD

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? **YES** NO
2. Did all bottle labels and tags agree with custody papers? **YES** NO
3. Were correct containers used for the tests indicated? **YES** NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated **N/A**

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____
 **If pH adjustment is required, use NaOH and/or H₂SO₄.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR # _____
CAS Contact _____

Project Name <i>City of Rochester 1200 E MAIN ST</i>	Project Number <i>4453.02</i>	ANALYSIS REQUESTED (Include Method Number and Container Preservative)														
Project Manager <i>GARY FISNIK</i>	Report CC															
Company/Address <i>Bergmann Assoc 200 FROST FREDERICK PLAZA 200 E. MAIN ST ROCHESTER NY 14614</i>		NUMBER OF CONTAINERS	GC/MS VOA's <input checked="" type="checkbox"/> 8260 <input checked="" type="checkbox"/> 624 <input checked="" type="checkbox"/> CLP	GC/MS SVOA's <input checked="" type="checkbox"/> 8270 <input checked="" type="checkbox"/> 625 <input checked="" type="checkbox"/> CLP	GC VOA's <input checked="" type="checkbox"/> 8021 <input checked="" type="checkbox"/> 601/602	PESTICIDES <input checked="" type="checkbox"/> 8081 <input checked="" type="checkbox"/> 608 <input checked="" type="checkbox"/> CLP	PCB's <input checked="" type="checkbox"/> 8082 <input checked="" type="checkbox"/> 608 <input checked="" type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	SW-846 RECA 8 METAL	ETANOL MEGLYCOL	S2601 MTR ASP	S270 ASP	SW-846 RECA 8 METAL ASP	8082 ASP	Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____
Phone # <i>232-5135</i>	FAX# <i>232-4632</i>															
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name <i>MARSCHEW</i>		REMARKS/ ALTERNATE DESCRIPTION												

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's	GC/MS SVOA's	GC VOA's	PESTICIDES	PCB's	METALS, TOTAL	METALS, DISSOLVED	SW-846 RECA 8 METAL	ETANOL MEGLYCOL	S2601 MTR ASP	S270 ASP	SW-846 RECA 8 METAL ASP	8082 ASP	
		DATE	TIME																
FOUNDATION #1		6/18/03	0930	SOIL	4														
FOUNDATION #2	648794	6/18/03	1000	SOIL	4	X	X												
FOUNDATION #3	98	6/18/03	14 ⁰⁰	SOIL	4	X	X												
TT-1	81	6/18/03	15 ¹⁵	SOIL	4	X	X												
TT-13 (2)	650163	6/18/03	16 ¹⁵	SOIL	4	X	X												
TT-13 A (3)	64	6/18/03	16²⁰	SOIL	4	X	X												

SPECIAL INSTRUCTIONS/COMMENTS <i>Metals SWEHL RECA 8 METALS Analyze TT-13A for ASP VOA, SVOA, PCB & RECA metals as per Ed Jones JMS 6/19/03</i>	TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 24 hr 48 hr 5-day <input checked="" type="checkbox"/> STANDARD	REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data V. Specialized Forms / Custom Report Edata Yes No	INVOICE INFORMATION PO# <i>Bergmann Assoc</i> BILL TO: <i>Job # 4453.02</i> <i>GARY FISNIK</i>
	REQUESTED FAX DATE _____	REQUESTED REPORT DATE _____	SUBMISSION #: _____

SAMPLER RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N	
RELINQUISHED BY <i>[Signature]</i>	RECEIVED BY <i>Edward Jones</i>	RELINQUISHED BY <i>Edward Jones</i>	RECEIVED BY <i>[Signature]</i>
Signature <i>[Signature]</i>	Signature <i>Edward Jones</i>	Signature <i>Edward Jones</i>	Signature <i>[Signature]</i>
Printed Name <i>Bergmann Assoc</i>	Printed Name <i>Bergmann Associates</i>	Printed Name <i>Bergmann Assoc</i>	Printed Name <i>[Signature]</i>
Firm <i>6/18/03 @ 1430 HRS</i>	Firm <i>06/18/03 1430</i>	Firm <i>06/18/03 1700</i>	Firm <i>0/18/03 1700</i>
Date/Time	Date/Time	Date/Time	Date/Time

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number 17242

Cooler received on 6/18/03 by AL COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 6°

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6/18/03 1710

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 6/19/03 by: AL

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-) for TCN & Phenol						
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH

**If pH adjustment is required, use NaOH and/or H₂SO₄.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2			

Other Comments:



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company www.caslab.com One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _____ OF _____

SR # _____
CAS Contact Janice Jaeger

Project Name <u>1200 EAST MAIN ST</u>		Project Number <u>4453.02</u>	
Project Manager <u>Gary Flisnik</u>		Report CC	
Company/Address <u>2200 First Federal plaza 28 EAST MAIN ST. Rochester, NY 14614</u>			
Phone # <u>(585) 232-5135</u>		FAX# <u>(585)-232-4652</u>	
Sampler's Signature		Sampler's Printed Name	

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED												REMARKS/ ALTERNATE DESCRIPTION	
		DATE	TIME			GC/MS VOA's 8260 <input type="checkbox"/> 8264 <input type="checkbox"/> CLP <input type="checkbox"/> MTBE <input type="checkbox"/>	GC/MS SVOA's 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP	GC VOA's 8021 <input type="checkbox"/> 601/602	PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	ASP - VOCs 8260 <input type="checkbox"/> MTBE <input type="checkbox"/>	ASP - SVOCS 8270 <input type="checkbox"/>	ASP - PCBs	ETHYLENE GLYCOL			
TT-4 Bottom	650718	6/20	11 ⁰⁰	SOIL	4														
TT-4A side walls (5)		6/20	11 ¹⁰	SOIL	4	X	X			X	X			X	X	X	X		
TT-4 MS/MSD	10	6/20	11 ⁰⁰	SOIL	4									X	X	X	X	X	
TT-4B (set 4)	650927	6/20	11 ³⁰	SOIL	4	HOLD													

- Preservative Key
- NONE
 - HCL
 - HNO₃
 - H₂SO₄
 - NaOH
 - Zn Acetate
 - MeOH
 - NaHSO₄
 - Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals - 8 RCRA metals
 Analyze TT-4B for 8 metals
 Analyze TT-4B for 8260, 8270, 8082, 8RCRA metals & 89.9 as per Ed Jones

TURNAROUND REQUIREMENTS
 _____ RUSH (SURCHARGES APPLY)
 _____ 24 hr _____ 48 hr _____ 5 day
 STANDARD
 REQUESTED FAX DATE _____
 REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
 _____ I. Results Only
 II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
 _____ III. Results + QC and Calibration Summaries
 _____ IV. Data Validation Report with Raw Data
 _____ V. Specialized Forms / Custom Report
 Edata _____ Yes _____ No

INVOICE INFORMATION
 PO# _____
 BILL TO:
Bergmann Assoc
ATTN: Gary Flisnik
 SUBMISSION #: _____

RELIQUISHED BY <u>Edward Jones</u> Signature Printed Name Firm Date/Time		RECEIVED BY <u>Heather Lovign</u> Signature Printed Name Firm Date/Time		RELIQUISHED BY <u>JME</u> Signature Printed Name Firm Date/Time		RECEIVED BY <u>Heather Lovign</u> Signature Printed Name Firm Date/Time	
---	--	--	--	--	--	--	--

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _____ OF _____

SR # _____
CAS Contact *Jennie Jaeger*

Project Name <i>1200 EAST MAIN ST</i>		Project Number <i>4453.02</i>		ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager <i>Gary Flisnik</i>		Report CC		PRESERVATIVE													
Company/Address <i>200 First Federal Plaza 28 EAST MAIN ST. Rochester, NY 14614</i>		NUMBER OF CONTAINERS	GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP <input type="checkbox"/> MTBE	GC/MS SVOA's <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP	GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602	PESTICIDES <input type="checkbox"/> 8081	PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	ASP-VOCs <i>8260</i>	ASP-SVOCs <i>MTBE</i>	ASP-PCBS	ASP-RCRA metals	ETHYLENE GLYCOL	PRESERVATIVE KEY	REMARKS/ ALTERNATE DESCRIPTION	
0. NONE																	
1. HCL																	
2. HNO ₃																	
3. H ₂ SO ₄																	
4. NaOH																	
5. Zn. Acetate																	
6. MeOH																	
7. NaHSO ₄																	
8. Other _____																	

Phone # <i>(585) 232-5135</i>	FAX# <i>(585)-232-4652</i>
Sampler's Signature	Sampler's Printed Name

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME	MATRIX	GC/MS VOA's	GC/MS SVOA's	GC VOA's	PESTICIDES	PCB's	METALS, TOTAL	METALS, DISSOLVED	ASP-VOCs	ASP-SVOCs	ASP-PCBS	ASP-RCRA metals	ETHYLENE GLYCOL	REMARKS/ ALTERNATE DESCRIPTION
<i>TT-4 Bottom</i>		<i>6/20</i>	<i>11⁰⁰</i>	<i>SOIL</i>	<i>4</i>							<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>TT-4A side walls</i>	<i>(5) 648791</i>	<i>6/20</i>	<i>11²⁰</i>	<i>SOIL</i>	<i>4</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>TT-4 MS/MSD</i>		<i>6/20</i>	<i>11⁰⁰</i>	<i>SOIL</i>	<i>4</i>							<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>TT-4B (set 4)</i>		<i>6/20</i>	<i>11²⁰</i>	<i>SOIL</i>	<i>4</i>	<i>HOLD-</i>											

SPECIAL INSTRUCTIONS/COMMENTS <i>Metals - 8 RCRA metals</i>	TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) <input type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/> STANDARD	REPORT REQUIREMENTS <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required) <input type="checkbox"/> III. Results + QC and Calibration Summaries <input type="checkbox"/> IV. Data Validation Report with Raw Data <input type="checkbox"/> V. Specialized Forms / Custom Report	INVOICE INFORMATION PO# _____ BILL TO: <i>Berymann Assoc</i> <i>ATTN: GARY FLISNIK</i>
	REQUESTED FAX DATE _____	REQUESTED REPORT DATE _____	Edata <input type="checkbox"/> Yes <input type="checkbox"/> No

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N	
RELINQUISHED BY <i>Edward Jones</i>	RECEIVED BY <i>Heather Lorenz</i>	RELINQUISHED BY	RECEIVED BY
Signature <i>Edward J Jones</i>	Signature <i>Heather Lorenz</i>	Signature	Signature
Printed Name <i>Berymann</i>	Printed Name <i>Heather Lorenz</i>	Printed Name	Printed Name
Firm <i>200 6/20/03 1215</i>	Firm <i>CAS</i>	Firm	Firm
Date/Time <i>6/20/03 1215</i>	Date/Time <i>6/20/03 1215</i>	Date/Time	Date/Time

Cooler Receipt And Preservation Check Form

Project/Client Beraman 17 Submission Number R2-17242

Cooler received on 6/20/03 by: ASZ COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROG CLIENT
7. Temperature of cooler(s) upon receipt: 6° 3° _____

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6/20/03 1220
 Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples

Cooler Breakdown: Date: 6-23-03 by: AE

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH
 **If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2			

Other Comments: _____

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR # _____
 CAS Contact _____

PAGE 1 OF 1

Project Name CITY OF ROCHESTER 200 E. MAIN STREET		Project Number 4453.02		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																																																																																																																															
Project Manager GARY FUSNIK		Report CC		PRESERVATIVE 0																																																																																																																																															
Company/Address BOLEMAN ASSOCIATES 200 FIRST FEDERAL PLAZA 200 E. MAIN ST. ROCHESTER, NY 14614				NUMBER OF CONTAINERS	<table border="1"> <tr> <td>GC/MS VOA's 8260 <input checked="" type="checkbox"/> 824 <input type="checkbox"/> CLP</td> <td>GC/MS SVOA's 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP</td> <td>GC VOA's 8021 <input type="checkbox"/> 601/602</td> <td>PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP</td> <td>PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP</td> <td>METALS, TOTAL (List in comments below)</td> <td>METALS, DISSOLVED (List in comments below)</td> <td colspan="5"></td> <td colspan="2">PRESERVATIVE KEY</td> </tr> <tr> <td colspan="2">SW-846 RECR 8 METALS</td> <td colspan="2">ETHYLENE GLYCOL</td> <td colspan="2">8270 ASP</td> <td colspan="2">SW-846 RECR 8 METALS ASP</td> <td colspan="2">8082 ASP</td> <td colspan="2"></td> <td>0. NONE</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>1. HCL</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>2. HNO₃</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>3. H₂SO₄</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>4. NaOH</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>5. Zn. Acetate</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>6. MeOH</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>7. NaHSO₄</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> <td>8. Other _____</td> </tr> </table>												GC/MS VOA's 8260 <input checked="" type="checkbox"/> 824 <input type="checkbox"/> CLP	GC/MS SVOA's 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP	GC VOA's 8021 <input type="checkbox"/> 601/602	PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)						PRESERVATIVE KEY		SW-846 RECR 8 METALS		ETHYLENE GLYCOL		8270 ASP		SW-846 RECR 8 METALS ASP		8082 ASP				0. NONE													1. HCL													2. HNO ₃													3. H ₂ SO ₄													4. NaOH													5. Zn. Acetate													6. MeOH													7. NaHSO ₄													8. Other _____
GC/MS VOA's 8260 <input checked="" type="checkbox"/> 824 <input type="checkbox"/> CLP	GC/MS SVOA's 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP	GC VOA's 8021 <input type="checkbox"/> 601/602	PESTICIDES 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP		PCB's 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)						PRESERVATIVE KEY																																																																																																																																						
SW-846 RECR 8 METALS		ETHYLENE GLYCOL			8270 ASP		SW-846 RECR 8 METALS ASP		8082 ASP				0. NONE																																																																																																																																						
													1. HCL																																																																																																																																						
												2. HNO ₃																																																																																																																																							
												3. H ₂ SO ₄																																																																																																																																							
												4. NaOH																																																																																																																																							
												5. Zn. Acetate																																																																																																																																							
												6. MeOH																																																																																																																																							
												7. NaHSO ₄																																																																																																																																							
												8. Other _____																																																																																																																																							
Phone # 232-5135		FAX# 232-4652																																																																																																																																																	
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name MARSCHELO																																																																																																																																																	
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME	MATRIX	REMARKS/ ALTERNATE DESCRIPTION																																																																																																																																														
SSU-1	648803	6/20/03	1230	SOIL	3	X	X			X	X																																																																																																																																								
SSU-2		6/20/03	1240		4								X	X	X	X																																																																																																																																			
SSU-3	04	6/20/03	1250		3	X	X			X	X																																																																																																																																								
SSU-4	05	6/20/03	1300		3	X	X			X	X																																																																																																																																								
SSU-5	06	6/20/03	1315		3	X	X			X	X																																																																																																																																								
SSU-6		6/20/03	1325		4								X	X	X	X																																																																																																																																			
SSU-7	797	6/20/03	1335		4	X	X			X	X																																																																																																																																								

SPECIAL INSTRUCTIONS/COMMENTS
Metals
 SW846
 RECR 8 METALS
 8260, PCB
 cancelled for
 SSU-1, SSU-3, SSU-4
 SSU-5 as per Ed
 Jones 6/20/03

TURNAROUND REQUIREMENTS
 RUSH (SURCHARGES APPLY)
 24 hr 48 hr 5 day
 STANDARD
 REQUESTED FAX DATE _____
 REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
 I. Results Only
 II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
 III. Results + QC and Calibration Summaries
 IV. Data Validation Report with Raw Data
 V. Specialized Forms / Custom Report
 Edata Yes No

INVOICE INFORMATION
 PO# _____
 BILL TO: _____
 SUBMISSION #: _____

SAMPLER RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N					
RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature	Signature	Signature	Signature	Signature	Signature
Printed Name MARSCHELO	Printed Name Heather Lovejoy	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm 620103@1355	Firm 045	Firm	Firm	Firm	Firm	Firm	Firm
Date/Time 6/20/03 1355	Date/Time 6/20/03 1355	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number R2-17242

Cooler received on 6/20/03 by: [Signature] COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 4

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6/20/03 1400
 Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples

Cooler Breakdown: Date: 6-23-03 by: [Signature]

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH
 **If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:



**Columbia
Analytical
Services^{inc.}**

A FULL SERVICE ENVIRONMENTAL LABORATORY

October 21, 2003

Mr. Gary Flisnik
Bergmann Associates, P.C.
200 First Federal Plaza
28 East Main Street
Rochester, NY 14614

PROJECT:1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Submission #:R2318312

Dear Mr. Flisnik

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice Jaeger
Janice Jaeger
Project Chemist

Enc.

*complete set
Groundwater samples*

sw-846

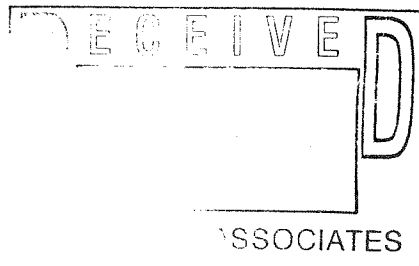
mw-1

mw-2

mw-3

mw-4

Proj. No. 4453.02
Org./Enc. Com/caf
Full Copy _____
Coverage Date _____
Copies _____
gpo



*VOCS
SVOCs
metals
PCBS
Free product*



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Lab Submission # : R2318312
Project Manager : Janice Jaeger
Reported : 10/21/03

Report Contains a total of 65 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. Michael K. Perry

CAS ASP/CLP BATCHING FORM / LOGIN SHEET

SDG #: MW-2	BATCH COMPLETE: <input checked="" type="checkbox"/> yes	DATE REVISED:
SUBMISSION R2318312	DISKETTE REQUESTED: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	DATE DUE:
CLIENT: Bergmann Associates, P.C.	DATE: 02/18/04	PROTOCOL: SW846
CLIENT REP: Janice Jaeger	CUSTODY SEAL: PRESENT/ABSENT:	SHIPPING No.:
PROJECT: 1200 E. MAIN STREET, ROCHESTER, NY	CHAIN OF CUSTODY: PRESENT/ABSENT:	SUMMARY PKG: Y <input type="checkbox"/> X <input checked="" type="checkbox"/> N

CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE	DATE	pH	% SOLIDS	REMARKS
				SAMPLED	RECEIVED				(SOLIDS)	SAMPLE CONDITION
669984	MW-2	WATER	8260,8270,89-9,RCRA MET	9/5/03	9/5/03			
670300	MW-1	WATER	8260,8270,89-9,RCRA MET	9/8/03	9/8/03			
670303	MW-4	WATER	8260,8270,89-9,RCRA MET	9/8/03	9/8/03			
670305	MW-3	WATER	8260,8270,89-9,RCRA MET	9/8/03	9/8/03			
670310	MW-1 FB	WATER	8260,8270,89-9,RCRA MET	9/8/03	9/8/03			
670313	MW-4 PRODUCT	NON-A	310-13	9/8/03	9/8/03			
670316	MW-3 PRODUCT	NON-A	310-13	9/8/03	9/8/03			
670318	MW-7 PRODUCT	NON-A	310-13	9/8/03	9/8/03			

CASE NARRATIVE

COMPANY: Bergmann Associates
1200 East Main Street, Rochester Project #4453.02
SUBMISSION #: R2318312

Bergmann samples were collected on 09/05-08/03 and received at CAS on 09/05-08/03 in good condition

INORGANICS

Five water samples were analyzed for RCRA Metals by 6010B/7000 and Ethylene Glycol by method 89-9 by SW-846 methodology.

Site specific QC was not requested for these samples. All Blank spike recoveries were within limits.

No other analytical or QC problems were encountered.

VOLATILE ORGANICS

Five water samples were analyzed for the TCL list of Volatiles by Method 8260B from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within QC limits.

Site specific QC was not requested for these samples. All Reference spike recoveries were within limits.

Various compounds for MW-2 and MW-1 have been flagged with an "E" as being outside the calibration range of the instrument. The samples were repeated at dilutions and both sets of data have been reported out.

The Laboratory blanks associated with these samples were free of contamination.

All samples were analyzed within required holding times.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

Five water samples were analyzed for TCL list of Semivolatiles by method 8270C from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within limits except MW-4. All surrogates were diluted out and have been flagged with a "D".

Site specific QC was not requested for these samples. All Blank spike/Blank spike duplicate recoveries were within limits. All RPD's were within limits.

The Laboratory Blanks associated with these analyses were free of contamination.

All samples were extracted and analyzed within holding times.

No other analytical or QC problems were encountered.

TOTAL PETROLEUM HYDROCARBONS

Three product samples were analyzed for the Total Petroleum Hydrocarbons by NYSDOH method 310.13.

All the initial and continuing calibration criteria were met for all analytes.

Site specific QC was not requested for these samples. All Blank spike/Blank spike duplicate recoveries were within limits. All RPD's were within limits.

The Laboratory Blanks associated with these analyses were free of contamination.

All samples were extracted and analyzed within required holding times.

No other analytical or QC problems were encountered.



This report contains analytical results for the following samples:

Submission #: R2318312

<u>Lab ID</u>	<u>Client ID</u>
669984	MW-2
670300	MW-1
670303	MW-4
670305	MW-3
670310	MW-1 FB
670313	MW-4 PRODUCT
670316	MW-3 PRODUCT
670318	MW-7 PRODUCT



Effective 6/12/2003

ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited

NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292



Effective 6/12/2003

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because of the presence of interference.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
NELAP Accredited

New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

Reported

Data-VA1, data
2003 Data-
MW-1
MW-2
MW-3
MW-4

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.
Client Sample ID : MW-2

Date Sampled : 09/05/03 Order #: 669984 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03

Order #: 669984

Sample Matrix: WATER

Date Received: 09/05/03

Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	09/29/03	1.0
BARIUM	6010B	0.0200	0.144	MG/L	09/25/03	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	09/25/03	1.0
CHROMIUM	6010B	0.0100	0.0100 U	MG/L	09/25/03	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	09/29/03	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	09/22/03	1.0
SELENIUM	6010B	0.00500	0.00500 U	MG/L	09/29/03	1.0
SILVER	6010B	0.0100	0.0100 U	MG/L	09/25/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD OLM 4.2 TCL LIST
 Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03 Order #: 669984 Sample Matrix: WATER
 Date Received: 09/05/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/19/03		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	5.0	22	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/L
CYCLOHEXANE	5.0	120	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMOETHANE	5.0	5.0 U	UG/L
1,3-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	430 430 E J	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYLBENZENE	5.0	46	UG/L
METHYL ACETATE	5.0	5.0 U	UG/L
METHYLCYCLOHEXANE	5.0	54	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	110	UG/L
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03 Order #: 669984 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/19/03		
ANALYTICAL DILUTION:	1.00		
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/L
VINYL CHLORIDE	2.0	2.0 U	UG/L
O-XYLENE	5.0	200 200 E J	UG/L
M+P-XYLENE	5.0	1100 1100 E J	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	105	%
TOLUENE-D8	(88 - 110 %)	105	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD OLM 4.2 TCL LIST
 Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03 Order #: 669984 Sample Matrix: WATER
 Date Received: 09/05/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/20/03		
ANALYTICAL DILUTION:	5.00		
ACETONE	20	100 U	UG/L
BENZENE	5.0	25 U	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	25 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	25 U	UG/L
CYCLOHEXANE	5.0	120	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,2-DIBROMOETHANE	5.0	25 U	UG/L
1,3-DICHLOROBENZENE	5.0	25 U	UG/L
1,4-DICHLOROBENZENE	5.0	25 U	UG/L
1,2-DICHLOROBENZENE	5.0	25 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
ETHYLBENZENE	5.0	430	UG/L
2-HEXANONE	10	50 U	UG/L
ISOPROPYLBENZENE	5.0	45	UG/L
METHYL ACETATE	5.0	25 U	UG/L
METHYLCYCLOHEXANE	5.0	56	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	110	UG/L
1,2,4-TRICHLOROBENZENE	5.0	25 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03 Order #: 669984 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/20/03		
ANALYTICAL DILUTION:	5.00		
TRICHLOROTRIFLUOROMETHANE	5.0	25 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	25 U	UG/L
VINYL CHLORIDE	2.0	10 U	UG/L
O-XYLENE	5.0	200	UG/L
M+P-XYLENE	5.0	1100	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	101	%
TOLUENE-D8	(88 - 110 %)	105	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03 Order #: 669984 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318312 Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	0.94		
ACENAPHTHENE	10	9.4 U	UG/L
ACENAPHTHYLENE	10	9.4 U	UG/L
ACETOPHENONE	10	9.4 U	UG/L
ANTHRACENE	10	9.4 U	UG/L
ATRAZINE	10	9.4 U	UG/L
BENZALDEHYDE	10	9.4 U	UG/L
BENZO (A) ANTHRACENE	10	9.4 U	UG/L
BENZO (A) PYRENE	10	9.4 U	UG/L
BENZO (B) FLUORANTHENE	10	9.4 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.4 U	UG/L
BENZO (K) FLUORANTHENE	10	9.4 U	UG/L
1,1'-BIPHENYL	10	9.4 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.4 U	UG/L
DI-N-BUTYL PHTHALATE	10	9.4 U	UG/L
CAPROLACTAM	10	9.4 U	UG/L
CARBAZOLE	10	9.4 U	UG/L
INDENO (1,2,3-CD) PYRENE	10	9.4 U	UG/L
4-CHLOROANILINE	10	9.4 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	10	9.4 U	UG/L
BIS (2-CHLOROETHYL) ETHER	10	9.4 U	UG/L
2-CHLORONAPHTHALENE	10	9.4 U	UG/L
2-CHLOROPHENOL	10	9.4 U	UG/L
2,2'-OXYBIS (1-CHLOROPROPANE)	10	9.4 U	UG/L
CHRYSENE	10	9.4 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.4 U	UG/L
DIBENZOFURAN	10	9.4 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.4 U	UG/L
2,4-DICHLOROPHENOL	10	9.4 U	UG/L
DIETHYL PHTHALATE	10	9.4 U	UG/L
DIMETHYL PHTHALATE	10	9.4 U	UG/L
2,4-DIMETHYLPHENOL	10	9.4 U	UG/L
2,4-DINITROPHENOL	50	47 U	UG/L
2,4-DINITROTOLUENE	10	9.4 U	UG/L
2,6-DINITROTOLUENE	10	9.4 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	10	92	UG/L
FLUORANTHENE	10	9.4 U	UG/L
FLUORENE	10	9.4 U	UG/L
HEXACHLOROBENZENE	10	9.4 U	UG/L
HEXACHLOROBUTADIENE	10	9.4 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.4 U	UG/L
HEXACHLOROETHANE	10	9.4 U	UG/L
ISOPHORONE	10	9.4 U	UG/L
2-METHYLNAPHTHALENE	10	30	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03 **Order #:** 669984 **Sample Matrix:** WATER
Date Received: 09/05/03 **Submission #:** R2318312 **Analytical Run** 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	0.94		
4,6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.4 U	UG/L
2-METHYLPHENOL	10	9.4 U	UG/L
4-METHYLPHENOL	10	9.4 U	UG/L
NAPHTHALENE	10	92	UG/L
2-NITROANILINE	50	47 U	UG/L
3-NITROANILINE	50	47 U	UG/L
4-NITROANILINE	50	47 U	UG/L
NITROBENZENE	10	9.4 U	UG/L
2-NITROPHENOL	10	9.4 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.4 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.4 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	10	9.4 U	UG/L
PHENOL	10	9.4 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	10	9.4 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	10	9.4 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.4 U	UG/L
PYRENE	10	9.4 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.4 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.4 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(23 - 139 %)	73	%
NITROBENZENE-d5	(22 - 130 %)	73	%
PHENOL-d6	(10 - 130 %)	34	%
2-FLUOROBIPHENYL	(27 - 130 %)	65	%
2-FLUOROPHENOL	(10 - 130 %)	48	%
2,4,6-TRIBROMOPHENOL	(10 - 149 %)	97	%

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03

Order #: 670300

Sample Matrix: WATER

Date Received: 09/08/03

Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03

Order #: 670300

Sample Matrix: WATER

Date Received: 09/08/03

Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0
BARIUM	6010B	0.0200	0.267	MG/L	09/23/03	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
CHROMIUM	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	09/22/03	1.0
SELENIUM	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
SILVER	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03 Order #: 670300 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96140

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	5.00		
ACETONE	20	100 U	UG/L
BENZENE	5.0	250	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	25 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	25 U	UG/L
CYCLOHEXANE	5.0	300	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,2-DIBROMOETHANE	5.0	25 U	UG/L
1,3-DICHLOROBENZENE	5.0	25 U	UG/L
1,4-DICHLOROBENZENE	5.0	25 U	UG/L
1,2-DICHLOROBENZENE	5.0	25 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
ETHYLBENZENE	5.0	590	UG/L
2-HEXANONE	10	50 U	UG/L
ISOPROPYLBENZENE	5.0	26	UG/L
METHYL ACETATE	5.0	25 U	UG/L
METHYLCYCLOHEXANE	5.0	160	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	240	UG/L
1,2,4-TRICHLOROBENZENE	5.0	25 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03 Order #: 670300 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96140

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	5.00		
TRICHLOROTRIFLUOROMETHANE	5.0	25 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	25 U	UG/L
VINYL CHLORIDE	2.0	10 U	UG/L
O-XYLENE	5.0	190	UG/L
M+P-XYLENE	5.0	2100 E/J	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	102	%
TOLUENE-D8	(88 - 110 %)	105	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03 Order #: 670300 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96140

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 10/04/03		
ANALYTICAL DILUTION:	10.00		
ACETONE	20	200 U	UG/L
BENZENE	5.0	260	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	50 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	50 U	UG/L
CYCLOHEXANE	5.0	300	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,2-DIBROMOETHANE	5.0	50 U	UG/L
1,3-DICHLOROBENZENE	5.0	50 U	UG/L
1,4-DICHLOROBENZENE	5.0	50 U	UG/L
1,2-DICHLOROBENZENE	5.0	50 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
ETHYLBENZENE	5.0	610	UG/L
2-HEXANONE	10	100 U	UG/L
ISOPROPYLBENZENE	5.0	50 U	UG/L
METHYL ACETATE	5.0	50 U	UG/L
METHYLCYCLOHEXANE	5.0	160	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	250	UG/L
1,2,4-TRICHLOROBENZENE	5.0	50 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03 Order #: 670300 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96140

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED		: 10/04/03	
ANALYTICAL DILUTION:		10.00	
TRICHLOROTRIFLUOROMETHANE	5.0	50 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	50 U	UG/L
VINYL CHLORIDE	2.0	20 U	UG/L
O-XYLENE	5.0	190	UG/L
M+P-XYLENE	5.0	2100	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(86 - 115 %)	101	%
TOLUENE-D8	(88 - 110 %)	106	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	95	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03 Order #: 670300 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/11/03			
DATE ANALYZED : 09/17/03			
ANALYTICAL DILUTION: 0.98			
ACENAPHTHENE	10	9.8 U	UG/L
ACENAPHTHYLENE	10	9.8 U	UG/L
ACETOPHENONE	10	9.8 U	UG/L
ANTHRACENE	10	9.8 U	UG/L
ATRAZINE	10	9.8 U	UG/L
BENZALDEHYDE	10	9.8 U	UG/L
BENZO (A) ANTHRACENE	10	9.8 U	UG/L
BENZO (A) PYRENE	10	9.8 U	UG/L
BENZO (B) FLUORANTHENE	10	9.8 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.8 U	UG/L
BENZO (K) FLUORANTHENE	10	9.8 U	UG/L
1,1'-BIPHENYL	10	9.8 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.8 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.8 U	UG/L
CAPROLACTAM	10	9.8 U	UG/L
CARBAZOLE	10	9.8 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.8 U	UG/L
4-CHLOROANILINE	10	9.8 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	10	9.8 U	UG/L
BIS (2-CHLOROETHYL) ETHER	10	9.8 U	UG/L
2-CHLORONAPHTHALENE	10	9.8 U	UG/L
2-CHLOROPHENOL	10	9.8 U	UG/L
2,2'-OXYBIS (1-CHLOROPROPANE)	10	9.8 U	UG/L
CHRYSENE	10	9.8 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.8 U	UG/L
DIBENZOFURAN	10	9.8 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.8 U	UG/L
2,4-DICHLOROPHENOL	10	9.8 U	UG/L
DIETHYLPHTHALATE	10	9.8 U	UG/L
DIMETHYL PHTHALATE	10	9.8 U	UG/L
2,4-DIMETHYLPHENOL	10	9.8 U	UG/L
2,4-DINITROPHENOL	50	49 U	UG/L
2,4-DINITROTOLUENE	10	9.8 U	UG/L
2,6-DINITROTOLUENE	10	9.8 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	10	27	UG/L
FLUORANTHENE	10	9.8 U	UG/L
FLUORENE	10	9.8 U	UG/L
HEXACHLOROBENZENE	10	9.8 U	UG/L
HEXACHLOROBUTADIENE	10	9.8 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.8 U	UG/L
HEXACHLOROETHANE	10	9.8 U	UG/L
ISOPHORONE	10	9.8 U	UG/L
2-METHYLNAPHTHALENE	10	11	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03 Order #: 670300 Sample Matrix: WATER
 Date Received: 09/08/03 Submission #: R2318312 Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	0.98		
4,6-DINITRO-2-METHYLPHENOL	50	49 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.8 U	UG/L
2-METHYLPHENOL	10	9.8 U	UG/L
4-METHYLPHENOL	10	9.8 U	UG/L
NAPHTHALENE	10	71	UG/L
2-NITROANILINE	50	49 U	UG/L
3-NITROANILINE	50	49 U	UG/L
4-NITROANILINE	50	49 U	UG/L
NITROBENZENE	10	9.8 U	UG/L
2-NITROPHENOL	10	9.8 U	UG/L
4-NITROPHENOL	50	49 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.8 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.8 U	UG/L
PENTACHLOROPHENOL	50	49 U	UG/L
PHENANTHRENE	10	9.8 U	UG/L
PHENOL	10	9.8 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	10	9.8 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	10	9.8 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.8 U	UG/L
PYRENE	10	9.8 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.8 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.8 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(23 - 139 %)	75	%
NITROBENZENE-d5	(22 - 130 %)	73	%
PHENOL-d6	(10 - 130 %)	33	%
2-FLUOROBIPHENYL	(27 - 130 %)	66	%
2-FLUOROPHENOL	(10 - 130 %)	46	%
2,4,6-TRIBROMOPHENOL	(10 - 149 %)	102	%

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-4

Date Sampled : 09/08/03

Order #: 670303

Sample Matrix: WATER

Date Received: 09/08/03

Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-4

Date Sampled : 09/08/03

Order #: 670303

Sample Matrix: WATER

Date Received: 09/08/03

Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0133	MG/L	09/23/03	1.0
BARIUM	6010B	0.0200	0.133	MG/L	09/23/03	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
CHROMIUM	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	09/22/03	1.0
SELENIUM	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
SILVER	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD OLM 4.2 TCL LIST
 Reported: 10/21/03

Bergmann Associates, P.C.
 Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
 Client Sample ID : MW-4

Date Sampled : 09/08/03 Order #: 670303 Sample Matrix: WATER
 Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	10.00		
ACETONE	20	200 U	UG/L
BENZENE	5.0	220	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	50 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	50 U	UG/L
CYCLOHEXANE	5.0	160	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,2-DIBROMOETHANE	5.0	50 U	UG/L
1,3-DICHLOROBENZENE	5.0	50 U	UG/L
1,4-DICHLOROBENZENE	5.0	50 U	UG/L
1,2-DICHLOROBENZENE	5.0	50 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
ETHYLBENZENE	5.0	1000	UG/L
2-HEXANONE	10	100 U	UG/L
ISOPROPYLBENZENE	5.0	50 U	UG/L
METHYL ACETATE	5.0	50 U	UG/L
METHYLCYCLOHEXANE	5.0	64	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	240	UG/L
1,2,4-TRICHLOROBENZENE	5.0	50 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-4

Date Sampled : 09/08/03 **Order #:** 670303 **Sample Matrix:** WATER
Date Received: 09/08/03 **Submission #:** R2318312 **Analytical Run** 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	10.00		
TRICHLOROTRIFLUOROMETHANE	5.0	50 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	50 U	UG/L
VINYL CHLORIDE	2.0	20 U	UG/L
O-XYLENE	5.0	650	UG/L
M+P-XYLENE	5.0	3500	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	104	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	102	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-4

Date Sampled : 09/08/03 **Order #:** 670303 **Sample Matrix:** WATER
Date Received: 09/08/03 **Submission #:** R2318312 **Analytical Run** 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	49.00		
ACENAPHTHENE	10	490 U	UG/L
ACENAPHTHYLENE	10	490 U	UG/L
ACETOPHENONE	10	490 U	UG/L
ANTHRACENE	10	490 U	UG/L
ATRAZINE	10	490 U	UG/L
BENZALDEHYDE	10	490 U	UG/L
BENZO (A) ANTHRACENE	10	490 U	UG/L
BENZO (A) PYRENE	10	490 U	UG/L
BENZO (B) FLUORANTHENE	10	490 U	UG/L
BENZO (G, H, I) PERYLENE	10	490 U	UG/L
BENZO (K) FLUORANTHENE	10	490 U	UG/L
1,1'-BIPHENYL	10	490 U	UG/L
BUTYL BENZYL PHTHALATE	10	490 U	UG/L
DI-N-BUTYLPHTHALATE	10	490 U	UG/L
CAPROLACTAM	10	490 U	UG/L
CARBAZOLE	10	490 U	UG/L
INDENO (1,2,3-CD) PYRENE	10	490 U	UG/L
4-CHLOROANILINE	10	490 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	10	490 U	UG/L
BIS (2-CHLOROETHYL) ETHER	10	490 U	UG/L
2-CHLORONAPHTHALENE	10	490 U	UG/L
2-CHLOROPHENOL	10	490 U	UG/L
2,2'-OXYBIS (1-CHLOROPROPANE)	10	490 U	UG/L
CHRYSENE	10	490 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	490 U	UG/L
DIBENZOFURAN	10	490 U	UG/L
3,3'-DICHLOROBENZIDINE	10	490 U	UG/L
2,4-DICHLOROPHENOL	10	490 U	UG/L
DIETHYLPHTHALATE	10	490 U	UG/L
DIMETHYL PHTHALATE	10	490 U	UG/L
2,4-DIMETHYLPHENOL	10	490 U	UG/L
2,4-DINITROPHENOL	50	2500 U	UG/L
2,4-DINITROTOLUENE	10	490 U	UG/L
2,6-DINITROTOLUENE	10	490 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	10	490 U	UG/L
FLUORANTHENE	10	490 U	UG/L
FLUORENE	10	490 U	UG/L
HEXACHLOROBENZENE	10	490 U	UG/L
HEXACHLOROBUTADIENE	10	490 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	490 U	UG/L
HEXACHLOROETHANE	10	490 U	UG/L
ISOPHORONE	10	490 U	UG/L
2-METHYLNAPHTHALENE	10	5200	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-4

Date Sampled : 09/08/03 **Order #:** 670303 **Sample Matrix:** WATER
Date Received: 09/08/03 **Submission #:** R2318312 **Analytical Run** 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	49.00		
4,6-DINITRO-2-METHYLPHENOL	50	2500 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	490 U	UG/L
2-METHYLPHENOL	10	490 U	UG/L
4-METHYLPHENOL	10	490 U	UG/L
NAPHTHALENE	10	2700	UG/L
2-NITROANILINE	50	2500 U	UG/L
3-NITROANILINE	50	2500 U	UG/L
4-NITROANILINE	50	2500 U	UG/L
NITROBENZENE	10	490 U	UG/L
2-NITROPHENOL	10	490 U	UG/L
4-NITROPHENOL	50	2500 U	UG/L
N-NITROSODIPHENYLAMINE	10	490 U	UG/L
DI-N-OCTYL PHTHALATE	10	490 U	UG/L
PENTACHLOROPHENOL	50	2500 U	UG/L
PHENANTHRENE	10	490 U	UG/L
PHENOL	10	490 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	10	490 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	10	490 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	490 U	UG/L
PYRENE	10	490 U	UG/L
2,4,6-TRICHLOROPHENOL	10	490 U	UG/L
2,4,5-TRICHLOROPHENOL	10	490 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(23 - 139 %)	D	%
NITROBENZENE-d5	(22 - 130 %)	D	%
PHENOL-d6	(10 - 130 %)	D	%
2-FLUOROBIPHENYL	(27 - 130 %)	D	%
2-FLUOROPHENOL	(10 - 130 %)	D	%
2,4,6-TRIBROMOPHENOL	(10 - 149 %)	D	%

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-3

Date Sampled : 09/08/03 Order #: 670305 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-3

Date Sampled : 09/08/03
Date Received: 09/08/03

Order #: 670305
Submission #: R2318312

Sample Matrix: WATER

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0
BARIUM	6010B	0.0200	0.290	MG/L	09/23/03	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
CHROMIUM	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	09/22/03	1.0
SELENIUM	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
SILVER	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD OLM 4.2 TCL LIST
 Reported: 10/21/03

Bergmann Associates, P.C.
 Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
 Client Sample ID : MW-3

Date Sampled : 09/08/03 Order #: 670305 Sample Matrix: WATER
 Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	5.00		
ACETONE	20	100 U	UG/L
BENZENE	5.0	220	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	25 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	25 U	UG/L
CYCLOHEXANE	5.0	220	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,2-DIBROMOETHANE	5.0	25 U	UG/L
1,3-DICHLOROETHANE	5.0	25 U	UG/L
1,4-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
ETHYLBENZENE	5.0	480	UG/L
2-HEXANONE	10	50 U	UG/L
ISOPROPYLBENZENE	5.0	43	UG/L
METHYL ACETATE	5.0	25 U	UG/L
METHYLCYCLOHEXANE	5.0	140	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	200	UG/L
1,2,4-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-3

Date Sampled : 09/08/03 Order #: 670305 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	5.00		
TRICHLOROTRIFLUOROMETHANE	5.0	25 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	25 U	UG/L
VINYL CHLORIDE	2.0	10 U	UG/L
O-XYLENE	5.0	190	UG/L
M+P-XYLENE	5.0	1200	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	104	%
TOLUENE-D8	(88 - 110 %)	105	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-3

Date Sampled : 09/08/03 Order #: 670305 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	0.97		
ACENAPHTHENE	10	9.7 U	UG/L
ACENAPHTHYLENE	10	9.7 U	UG/L
ACETOPHENONE	10	9.7 U	UG/L
ANTHRACENE	10	9.7 U	UG/L
ATRAZINE	10	9.7 U	UG/L
BENZALDEHYDE	10	9.7 U	UG/L
BENZO (A) ANTHRACENE	10	9.7 U	UG/L
BENZO (A) PYRENE	10	9.7 U	UG/L
BENZO (B) FLUORANTHENE	10	9.7 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.7 U	UG/L
BENZO (K) FLUORANTHENE	10	9.7 U	UG/L
1,1'-BIPHENYL	10	9.7 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.7 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.7 U	UG/L
CAPROLACTAM	10	9.7 U	UG/L
CARBAZOLE	10	9.7 U	UG/L
INDENO (1,2,3-CD) PYRENE	10	9.7 U	UG/L
4-CHLOROANILINE	10	9.7 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	10	9.7 U	UG/L
BIS (2-CHLOROETHYL) ETHER	10	9.7 U	UG/L
2-CHLORONAPHTHALENE	10	9.7 U	UG/L
2-CHLOROPHENOL	10	9.7 U	UG/L
2,2'-OXYBIS (1-CHLOROPROPANE)	10	9.7 U	UG/L
CHRYSENE	10	9.7 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.7 U	UG/L
DIBENZOFURAN	10	9.7 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.7 U	UG/L
2,4-DICHLOROPHENOL	10	9.7 U	UG/L
DIETHYLPHTHALATE	10	9.7 U	UG/L
DIMETHYL PHTHALATE	10	9.7 U	UG/L
2,4-DIMETHYLPHENOL	10	9.7 U	UG/L
2,4-DINITROPHENOL	50	49 U	UG/L
2,4-DINITROTOLUENE	10	9.7 U	UG/L
2,6-DINITROTOLUENE	10	9.7 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	10	9.7 U	UG/L
FLUORANTHENE	10	9.7 U	UG/L
FLUORENE	10	9.7 U	UG/L
HEXACHLOROBENZENE	10	9.7 U	UG/L
HEXACHLOROBUTADIENE	10	9.7 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.7 U	UG/L
HEXACHLOROETHANE	10	9.7 U	UG/L
ISOPHORONE	10	9.7 U	UG/L
2-METHYLNAPHTHALENE	10	56	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-3

Date Sampled : 09/08/03 **Order #:** 670305 **Sample Matrix:** WATER
Date Received: 09/08/03 **Submission #:** R2318312 **Analytical Run** 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	0.97		
4,6-DINITRO-2-METHYLPHENOL	50	49 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.7 U	UG/L
2-METHYLPHENOL	10	9.7 U	UG/L
4-METHYLPHENOL	10	9.7 U	UG/L
NAPHTHALENE	10	81	UG/L
2-NITROANILINE	50	49 U	UG/L
3-NITROANILINE	50	49 U	UG/L
4-NITROANILINE	50	49 U	UG/L
NITROBENZENE	10	9.7 U	UG/L
2-NITROPHENOL	10	9.7 U	UG/L
4-NITROPHENOL	50	49 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.7 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.7 U	UG/L
PENTACHLOROPHENOL	50	49 U	UG/L
PHENANTHRENE	10	9.7 U	UG/L
PHENOL	10	9.7 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	10	9.7 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	10	9.7 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.7 U	UG/L
PYRENE	10	9.7 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.7 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.7 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(23 - 139 %)	72	%
NITROBENZENE-d5	(22 - 130 %)	73	%
PHENOL-d6	(10 - 130 %)	32	%
2-FLUOROBIPHENYL	(27 - 130 %)	65	%
2-FLUOROPHENOL	(10 - 130 %)	45	%
2,4,6-TRIBROMOPHENOL	(10 - 149 %)	97	%

COLUMBIA ANALYTICAL SERVICES

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1 FB

Date Sampled : 09/08/03

Order #: 670310

Sample Matrix: WATER

Date Received: 09/08/03

Submission #: R2318312

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ARSENIC	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0
BARIUM	6010B	0.0200	0.0200 U	MG/L	09/23/03	1.0
CADMIUM	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
CHROMIUM	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0
LEAD	6010B	0.00500	0.00500 U	MG/L	09/23/03	1.0
MERCURY	7470A	0.000300	0.000300 U	MG/L	09/22/03	1.0
SELENIUM	6010B	0.00500	0.00676	MG/L	09/23/03	1.0
SILVER	6010B	0.0100	0.0100 U	MG/L	09/23/03	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-1 FB

Date Sampled : 09/08/03 Order #: 670310 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 09/22/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/L
CYCLOHEXANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMOETHANE	5.0	5.0 U	UG/L
1,3-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYLBENZENE	5.0	5.0 U	UG/L
METHYL ACETATE	5.0	5.0 U	UG/L
METHYLCYCLOHEXANE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-1 FB

Date Sampled : 09/08/03 **Order #:** 670310 **Sample Matrix:** WATER
Date Received: 09/08/03 **Submission #:** R2318312 **Analytical Run** 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	1.00		
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/L
VINYL CHLORIDE	2.0	2.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(86 - 115 %)	100	%
TOLUENE-D8	(88 - 110 %)	105	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1 FB

Date Sampled : 09/08/03 Order #: 670310 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	0.93		
ACENAPHTHENE	10	9.3 U	UG/L
ACENAPHTHYLENE	10	9.3 U	UG/L
ACETOPHENONE	10	9.3 U	UG/L
ANTHRACENE	10	9.3 U	UG/L
ATRAZINE	10	9.3 U	UG/L
BENZALDEHYDE	10	9.3 U	UG/L
BENZO (A) ANTHRACENE	10	9.3 U	UG/L
BENZO (A) PYRENE	10	9.3 U	UG/L
BENZO (B) FLUORANTHENE	10	9.3 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.3 U	UG/L
BENZO (K) FLUORANTHENE	10	9.3 U	UG/L
1,1'-BIPHENYL	10	9.3 U	UG/L
BUTYL BENZYL PHTHALATE	10	9.3 U	UG/L
DI-N-BUTYLPHTHALATE	10	9.3 U	UG/L
CAPROLACTAM	10	9.3 U	UG/L
CARBAZOLE	10	9.3 U	UG/L
INDENO (1,2,3-CD) PYRENE	10	9.3 U	UG/L
4-CHLOROANILINE	10	9.3 U	UG/L
BIS (-2-CHLOROETHOXY) METHANE	10	9.3 U	UG/L
BIS (2-CHLOROETHYL) ETHER	10	9.3 U	UG/L
2-CHLORONAPHTHALENE	10	9.3 U	UG/L
2-CHLOROPHENOL	10	9.3 U	UG/L
2,2'-OXYBIS (1-CHLOROPROPANE)	10	9.3 U	UG/L
CHRYSENE	10	9.3 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.3 U	UG/L
DIBENZOFURAN	10	9.3 U	UG/L
3,3'-DICHLOROBENZIDINE	10	9.3 U	UG/L
2,4-DICHLOROPHENOL	10	9.3 U	UG/L
DIETHYLPHTHALATE	10	9.3 U	UG/L
DIMETHYL PHTHALATE	10	9.3 U	UG/L
2,4-DIMETHYLPHENOL	10	9.3 U	UG/L
2,4-DINITROPHENOL	50	47 U	UG/L
2,4-DINITROTOLUENE	10	9.3 U	UG/L
2,6-DINITROTOLUENE	10	9.3 U	UG/L
BIS (2-ETHYLHEXYL) PHTHALATE	10	9.3 U	UG/L
FLUORANTHENE	10	9.3 U	UG/L
FLUORENE	10	9.3 U	UG/L
HEXACHLOROBENZENE	10	9.3 U	UG/L
HEXACHLOROBUTADIENE	10	9.3 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	9.3 U	UG/L
HEXACHLOROETHANE	10	9.3 U	UG/L
ISOPHORONE	10	9.3 U	UG/L
2-METHYLNAPHTHALENE	10	9.3 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C SEMIVOLATILES
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1 FB

Date Sampled : 09/08/03 Order #: 670310 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/11/03		
DATE ANALYZED	: 09/17/03		
ANALYTICAL DILUTION:	0.93		
4,6-DINITRO-2-METHYLPHENOL	50	47 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	9.3 U	UG/L
2-METHYLPHENOL	10	9.3 U	UG/L
4-METHYLPHENOL	10	9.3 U	UG/L
NAPHTHALENE	10	9.3 U	UG/L
2-NITROANILINE	50	47 U	UG/L
3-NITROANILINE	50	47 U	UG/L
4-NITROANILINE	50	47 U	UG/L
NITROBENZENE	10	9.3 U	UG/L
2-NITROPHENOL	10	9.3 U	UG/L
4-NITROPHENOL	50	47 U	UG/L
N-NITROSODIPHENYLAMINE	10	9.3 U	UG/L
DI-N-OCTYL PHTHALATE	10	9.3 U	UG/L
PENTACHLOROPHENOL	50	47 U	UG/L
PHENANTHRENE	10	9.3 U	UG/L
PHENOL	10	9.3 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	10	9.3 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	10	9.3 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	9.3 U	UG/L
PYRENE	10	9.3 U	UG/L
2,4,6-TRICHLOROPHENOL	10	9.3 U	UG/L
2,4,5-TRICHLOROPHENOL	10	9.3 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(23 - 139 %)	72	%
NITROBENZENE-d5	(22 - 130 %)	70	%
PHENOL-d6	(10 - 130 %)	30	%
2-FLUOROBIPHENYL	(27 - 130 %)	66	%
2-FLUOROPHENOL	(10 - 130 %)	44	%
2,4,6-TRIBROMOPHENOL	(10 - 149 %)	77	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD NYSDOH 310-13
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-4 PRODUCT

Date Sampled : 09/08/03 Order #: 670313 Sample Matrix: NON-AQUEOUS
Date Received: 09/08/03 Submission #: R2318312 Analytical Run 95620

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/22/03		
DATE ANALYZED	: 10/17/03		
ANALYTICAL DILUTION:	100.00		
AS N-DODECANE	100000	10000000 U	UG/KG
FUEL OIL #2/DIESEL FUEL	100000	10000000 U	UG/KG
GASOLINE	100000	190000.000	UG/KG
KEROSENE	100000	190000000	UG/KG
LUBE OIL	100000	10000000 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD NYSDOH 310-13

Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-3 PRODUCT

Date Sampled : 09/08/03 **Order #:** 670316 **Sample Matrix:** NON-AQUEOUS
Date Received: 09/08/03 **Submission #:** R2318312 **Analytical Run** 95620

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/22/03		
DATE ANALYZED	: 10/17/03		
ANALYTICAL DILUTION:	4.00		
AS N-DODECANE	100000	400000 U	UG/KG
FUEL OIL #2/DIESEL FUEL	100000	400000 U	UG/KG
GASOLINE	100000	14000000	UG/KG
KEROSENE	100000	400000 U	UG/KG
LUBE OIL	100000	400000 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD NYSDOH 310-13
Reported: 10/21/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-7 PRODUCT

Date Sampled : 09/08/03 **Order #:** 670318 **Sample Matrix:** NON-AQUEOUS
Date Received: 09/08/03 **Submission #:** R2318312 **Analytical Run** 95620

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED : 09/22/03
DATE ANALYZED : 10/17/03
ANALYTICAL DILUTION: 400.00

AS N-DODECANE	100000	40000000 U	UG/KG
FUEL OIL #2/DIESEL FUEL	100000	40000000 U	UG/KG
GASOLINE	100000	950000000	UG/KG
KEROSENE	100000	40000000 U	UG/KG
LUBE OIL	100000	40000000 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2318312

Client: Bergmann Associates, P.C.

1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
ARSENIC	0.0100 U	0.0382	0.0400	96	80 - 120	95709	MG/L
BARIUM	0.0200 U	2.10	2.00	105	80 - 120	95709	MG/L
CADMIUM	0.00500 U	0.0518	0.0500	104	80 - 120	95709	MG/L
CHROMIUM	0.0100 U	0.203	0.200	101	80 - 120	95709	MG/L
LEAD	0.00500 U	0.517	0.500	103	80 - 120	95709	MG/L
SELENIUM	0.00500 U	0.980	1.01	97	80 - 120	95709	MG/L
SILVER	0.0100 U	0.0497	0.0500	99	80 - 120	95709	MG/L
MERCURY	0.000300U	0.00101	0.00100	101	80 - 120	95815	MG/L
BARIUM	0.0200 U	2.21	2.00	110	80 - 120	95820	MG/L
CADMIUM	0.00500 U	0.0566	0.0500	113	80 - 120	95820	MG/L

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2318312

Client: Bergmann Associates, P.C.

1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
CHROMIUM	0.0100 U	0.215	0.200	108	80 - 120	95820	MG/L
SILVER	0.0100 U	0.0540	0.0500	108	80 - 120	95820	MG/L
ARSENIC	0.0100 U	0.0417	0.0400	104	80 - 120	95906	MG/L
LEAD	0.00500 U	0.543	0.500	109	80 - 120	95906	MG/L
SELENIUM	0.00500 U	1.02	1.01	101	80 - 120	95906	MG/L
ETHYLENE GLYCOL	1.00 U	2.72	130	91	70 - 130	95541	MG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD OLM 4.2 TCL LIST
 Reported: 10/21/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 677230 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 09/19/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/L
CYCLOHEXANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMOETHANE	5.0	5.0 U	UG/L
1,3-DICHLOROENZENE	5.0	5.0 U	UG/L
1,4-DICHLOROENZENE	5.0	5.0 U	UG/L
1,2-DICHLOROENZENE	5.0	5.0 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYLBENZENE	5.0	5.0 U	UG/L
METHYL ACETATE	5.0	5.0 U	UG/L
METHYLCYCLOHEXANE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRICHLOROENZENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 677230 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 09/19/03			
ANALYTICAL DILUTION: 1.00			
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/L
VINYL CHLORIDE	2.0	2.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(86 - 115 %)	102	%
TOLUENE-D8	(88 - 110 %)	106	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD OLM 4.2 TCL LIST
 Reported: 10/21/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 677232 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/L
CYCLOHEXANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMOETHANE	5.0	5.0 U	UG/L
1,3-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,4-DICHLOROBENZENE	5.0	5.0 U	UG/L
1,2-DICHLOROBENZENE	5.0	5.0 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYLBENZENE	5.0	5.0 U	UG/L
METHYL ACETATE	5.0	5.0 U	UG/L
METHYLCYCLOHEXANE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD OLM 4.2 TCL LIST
 Reported: 10/21/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 677232 **Sample Matrix:** WATER
Date Received: Submission #: Analytical Run 96123

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 09/22/03			
ANALYTICAL DILUTION: 1.00			
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/L
VINYL CHLORIDE	2.0	2.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	104	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 677406 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 96140

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 10/04/03			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	UG/L
CYCLOHEXANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,2-DIBROMOETHANE	5.0	5.0 U	UG/L
1,3-DICHLOROENZENE	5.0	5.0 U	UG/L
1,4-DICHLOROENZENE	5.0	5.0 U	UG/L
1,2-DICHLOROENZENE	5.0	5.0 U	UG/L
DICHLORODIFLUOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYLBENZENE	5.0	5.0 U	UG/L
METHYL ACETATE	5.0	5.0 U	UG/L
METHYLCYCLOHEXANE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRICHLOROENZENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
TRICHLOROTRIFLUOROMETHANE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD OLM 4.2 TCL LIST
Reported: 10/21/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	677406	Sample Matrix:	WATER
Date Received:	Submission #:		Analytical Run	96140

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED		: 10/04/03	
ANALYTICAL DILUTION:		1.00	
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	5.0	5.0 U	UG/L
VINYL CHLORIDE	2.0	2.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	103	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	98	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 10/23/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 673037 Sample Matrix: WATER
 Date Received: Submission #: Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/11/03			
DATE ANALYZED : 09/17/03			
ANALYTICAL DILUTION: 1.00			
ACENAPHTHENE	10	10 U	UG/L
ACENAPHTHYLENE	10	10 U	UG/L
ACETOPHENONE	10	10 U	UG/L
ANTHRACENE	10	10 U	UG/L
ATRAZINE	10	10 U	UG/L
BENZALDEHYDE	10	10 U	UG/L
BENZO (A) ANTHRACENE	10	10 U	UG/L
BENZO (A) PYRENE	10	10 U	UG/L
BENZO (B) FLUORANTHENE	10	10 U	UG/L
BENZO (G, H, I) PERYLENE	10	10 U	UG/L
BENZO (K) FLUORANTHENE	10	10 U	UG/L
1, 1' -BIPHENYL	10	10 U	UG/L
BUTYL BENZYL PHTHALATE	10	10 U	UG/L
DI -N -BUTYLPHTHALATE	10	10 U	UG/L
CAPROLACTAM	10	10 U	UG/L
CARBAZOLE	10	10 U	UG/L
INDENO (1, 2, 3 -CD) PYRENE	10	10 U	UG/L
4 -CHLOROANILINE	10	10 U	UG/L
BIS (-2 -CHLOROETHOXY) METHANE	10	10 U	UG/L
BIS (2 -CHLOROETHYL) ETHER	10	10 U	UG/L
2 -CHLORONAPHTHALENE	10	10 U	UG/L
2 -CHLOROPHENOL	10	10 U	UG/L
2, 2' -OXYBIS (1 -CHLOROPROPANE)	10	10 U	UG/L
CHRYSENE	10	10 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	10 U	UG/L
DIBENZOFURAN	10	10 U	UG/L
3, 3' -DICHLOROBENZIDINE	10	10 U	UG/L
2, 4 -DICHLOROPHENOL	10	10 U	UG/L
DIETHYLPHTHALATE	10	10 U	UG/L
DIMETHYL PHTHALATE	10	10 U	UG/L
2, 4 -DIMETHYLPHENOL	10	10 U	UG/L
2, 4 -DINITROPHENOL	50	50 U	UG/L
2, 4 -DINITROTOLUENE	10	10 U	UG/L
2, 6 -DINITROTOLUENE	10	10 U	UG/L
BIS (2 -ETHYLHEXYL) PHTHALATE	10	10 U	UG/L
FLUORANTHENE	10	10 U	UG/L
FLUORENE	10	10 U	UG/L
HEXACHLOROBENZENE	10	10 U	UG/L
HEXACHLOROBUTADIENE	10	10 U	UG/L
HEXACHLOROCYCLOPENTADIENE	10	10 U	UG/L
HEXACHLOROETHANE	10	10 U	UG/L
ISOPHORONE	10	10 U	UG/L
2 -METHYLNAPHTHALENE	10	10 U	UG/L
4, 6 -DINITRO -2 -METHYLPHENOL	50	50 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C SEMIVOLATILES
 Reported: 10/23/03

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 673037 Sample Matrix: WATER
 Date Received: Submission #: Analytical Run 95480

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/11/03			
DATE ANALYZED : 09/17/03			
ANALYTICAL DILUTION: 1.00			
4-CHLORO-3-METHYLPHENOL	10	10 U	UG/L
2-METHYLPHENOL	10	10 U	UG/L
4-METHYLPHENOL	10	10 U	UG/L
NAPHTHALENE	10	10 U	UG/L
2-NITROANILINE	50	50 U	UG/L
3-NITROANILINE	50	50 U	UG/L
4-NITROANILINE	50	50 U	UG/L
NITROBENZENE	10	10 U	UG/L
2-NITROPHENOL	10	10 U	UG/L
4-NITROPHENOL	50	50 U	UG/L
N-NITROSODIPHENYLAMINE	10	10 U	UG/L
DI-N-OCTYL PHTHALATE	10	10 U	UG/L
PENTACHLOROPHENOL	50	50 U	UG/L
PHENANTHRENE	10	10 U	UG/L
PHENOL	10	10 U	UG/L
4-BROMOPHENYL-PHENYLEETHER	10	10 U	UG/L
4-CHLOROPHENYL-PHENYLEETHER	10	10 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	10	10 U	UG/L
PYRENE	10	10 U	UG/L
2,4,6-TRICHLOROPHENOL	10	10 U	UG/L
2,4,5-TRICHLOROPHENOL	10	10 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(23 - 139 %)	80	%
NITROBENZENE-d5	(22 - 130 %)	67	%
PHENOL-d6	(10 - 130 %)	31	%
2-FLUOROBIPHENYL	(27 - 130 %)	60	%
2-FLUOROPHENOL	(10 - 130 %)	46	%
2,4,6-TRIBROMOPHENOL	(10 - 149 %)	87	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD NYSDOH 310-13
Reported: 10/21/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 673966 Sample Matrix: NON-AQUEOUS
Date Received: Submission #: Analytical Run 95620

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/22/03			
DATE ANALYZED : 10/17/03			
ANALYTICAL DILUTION: 1.00			
AS N-DODECANE	100000	100000 U	UG/KG
FUEL OIL #2/DIESEL FUEL	100000	100000 U	UG/KG
GASOLINE	100000	100000 U	UG/KG
KEROSENE	100000	100000 U	UG/KG
LUBE OIL	100000	100000 U	UG/KG

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: OLM 4.2 TCL LIST

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 677231 ANALYTICAL RUN #: 96123

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 09/20/03		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	96	21 - 165
BENZENE	20.0	103	37 - 151
BROMODICHLOROMETHANE	20.0	98	35 - 155
BROMOFORM	20.0	94	45 - 169
BROMOMETHANE	20.0	88	10 - 242
2-BUTANONE (MEK)	20.0	93	25 - 162
METHYL-TERT-BUTYL ETHER	20.0	102	50 - 150
CARBON DISULFIDE	20.0	106	45 - 148
CARBON TETRACHLORIDE	20.0	104	70 - 140
CHLOROBENZENE	20.0	106	37 - 160
CHLOROETHANE	20.0	95	53 - 149
CHLOROFORM	20.0	106	51 - 138
CHLOROMETHANE	20.0	83	10 - 273
1,2-DIBROMO-3-CHLOROPROPANE	20.0	93	50 - 150
CYCLOHEXANE	20.0	107	50 - 150
DIBROMOCHLOROMETHANE	20.0	102	53 - 149
1,2-DIBROMOETHANE	20.0	105	50 - 150
1,3-DICHLOROENZENE	20.0	101	50 - 150
1,4-DICHLOROENZENE	20.0	106	50 - 150
1,2-DICHLOROENZENE	20.0	105	50 - 150
DICHLORODIFLUOROMETHANE	20.0	84	50 - 150
1,1-DICHLOROETHANE	20.0	107	59 - 155
1,2-DICHLOROETHANE	20.0	100	49 - 155
1,1-DICHLOROETHENE	20.0	106	10 - 234
CIS-1,2-DICHLOROETHENE	20.0	103	54 - 156
TRANS-1,2-DICHLOROETHENE	20.0	103	54 - 156
1,2-DICHLOROPROPANE	20.0	104	10 - 210
CIS-1,3-DICHLOROPROPENE	20.0	118	10 - 227
TRANS-1,3-DICHLOROPROPENE	20.0	115	17 - 183
ETHYLBENZENE	20.0	103	37 - 162
2-HEXANONE	20.0	97	22 - 155
ISOPROPYLBENZENE	20.0	100	50 - 150
METHYL ACETATE	20.0	101	50 - 150
METHYLCYCLOHEXANE	20.0	105	50 - 150
METHYLENE CHLORIDE	20.0	102	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20.0	98	46 - 157
STYRENE	20.0	103	66 - 144
1,1,2,2-TETRACHLOROETHANE	20.0	101	46 - 157
TETRACHLOROETHENE	20.0	105	64 - 148
TOLUENE	20.0	102	47 - 150
1,2,4-TRICHLOROENZENE	20.0	98	50 - 150

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: OLM 4.2 TCL LIST

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 677231 ANALYTICAL RUN #: 96123

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 09/20/03		
ANALYTICAL DILUTION:	1.0		
1,1,1-TRICHLOROETHANE	20.0	104	52 - 162
1,1,2-TRICHLOROETHANE	20.0	104	52 - 150
TRICHLOROETHENE	20.0	105	71 - 157
TRICHLOROTRIFLUOROMETHANE	20.0	97	50 - 150
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	106	50 - 150
VINYL CHLORIDE	20.0	88	10 - 251
O-XYLENE	20.0	102	71 - 135
M+P-XYLENE	40.0	103	71 - 135

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: OLM 4.2 TCL LIST

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 677233 ANALYTICAL RUN #: 96123

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	118	21 - 165
BENZENE	20.0	102	37 - 151
BROMODICHLOROMETHANE	20.0	93	35 - 155
BROMOFORM	20.0	88	45 - 169
BROMOMETHANE	20.0	87	10 - 242
2-BUTANONE (MEK)	20.0	101	25 - 162
METHYL-TERT-BUTYL ETHER	20.0	102	50 - 150
CARBON DISULFIDE	20.0	109	45 - 148
CARBON TETRACHLORIDE	20.0	97	70 - 140
CHLOROBENZENE	20.0	102	37 - 160
CHLOROETHANE	20.0	96	53 - 149
CHLOROFORM	20.0	102	51 - 138
CHLOROMETHANE	20.0	80	10 - 273
1,2-DIBROMO-3-CHLOROPROPANE	20.0	89	50 - 150
CYCLOHEXANE	20.0	105	50 - 150
DIBROMOCHLOROMETHANE	20.0	96	53 - 149
1,2-DIBROMOETHANE	20.0	98	50 - 150
1,3-DICHLOROBENZENE	20.0	97	50 - 150
1,4-DICHLOROBENZENE	20.0	99	50 - 150
1,2-DICHLOROBENZENE	20.0	96	50 - 150
DICHLORODIFLUOROMETHANE	20.0	83	50 - 150
1,1-DICHLOROETHANE	20.0	108	59 - 155
1,2-DICHLOROETHANE	20.0	94	49 - 155
1,1-DICHLOROETHENE	20.0	111	10 - 234
CIS-1,2-DICHLOROETHENE	20.0	105	54 - 156
TRANS-1,2-DICHLOROETHENE	20.0	104	54 - 156
1,2-DICHLOROPROPANE	20.0	99	10 - 210
CIS-1,3-DICHLOROPROPENE	20.0	109	10 - 227
TRANS-1,3-DICHLOROPROPENE	20.0	109	17 - 183
ETHYLBENZENE	20.0	97	37 - 162
2-HEXANONE	20.0	94	22 - 155
ISOPROPYLBENZENE	20.0	93	50 - 150
METHYL ACETATE	20.0	98	50 - 150
METHYLCYCLOHEXANE	20.0	103	50 - 150
METHYLENE CHLORIDE	20.0	101	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20.0	85	46 - 157
STYRENE	20.0	98	66 - 144
1,1,2,2-TETRACHLOROETHANE	20.0	97	46 - 157
TETRACHLOROETHENE	20.0	99	64 - 148
TOLUENE	20.0	100	47 - 150
1,2,4-TRICHLOROBENZENE	20.0	92	50 - 150

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: OLM 4.2 TCL LIST

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 677233

ANALYTICAL RUN #: 96123

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 09/22/03			
ANALYTICAL DILUTION: 1.0			
1,1,1-TRICHLOROETHANE	20.0	103	52 - 162
1,1,2-TRICHLOROETHANE	20.0	100	52 - 150
TRICHLOROETHENE	20.0	105	71 - 157
TRICHLOROTRIFLUOROMETHANE	20.0	94	50 - 150
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	102	50 - 150
VINYL CHLORIDE	20.0	89	10 - 251
O-XYLENE	20.0	94	71 - 135
M+P-XYLENE	40.0	95	71 - 135

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: OLM 4.2 TCL LIST

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 677407 ANALYTICAL RUN #: 96140

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 10/04/03		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	99	21 - 165
BENZENE	20.0	108	37 - 151
BROMODICHLOROMETHANE	20.0	94	35 - 155
BROMOFORM	20.0	82	45 - 169
BROMOMETHANE	20.0	101	10 - 242
2-BUTANONE (MEK)	20.0	91	25 - 162
METHYL-TERT-BUTYL ETHER	20.0	103	50 - 150
CARBON DISULFIDE	20.0	117	45 - 148
CARBON TETRACHLORIDE	20.0	96	70 - 140
CHLOROBENZENE	20.0	103	37 - 160
CHLOROETHANE	20.0	112	53 - 149
CHLOROFORM	20.0	110	51 - 138
CHLOROMETHANE	20.0	123	10 - 273
1,2-DIBROMO-3-CHLOROPROPANE	20.0	84	50 - 150
CYCLOHEXANE	20.0	108	50 - 150
DIBROMOCHLOROMETHANE	20.0	96	53 - 149
1,2-DIBROMOETHANE	20.0	102	50 - 150
1,3-DICHLOROENZENE	20.0	101	50 - 150
1,4-DICHLOROENZENE	20.0	104	50 - 150
1,2-DICHLOROENZENE	20.0	99	50 - 150
DICHLORODIFLUOROMETHANE	20.0	114	50 - 150
1,1-DICHLOROETHANE	20.0	113	59 - 155
1,2-DICHLOROETHANE	20.0	94	49 - 155
1,1-DICHLOROETHENE	20.0	116	10 - 234
CIS-1,2-DICHLOROETHENE	20.0	111	54 - 156
TRANS-1,2-DICHLOROETHENE	20.0	114	54 - 156
1,2-DICHLOROPROPANE	20.0	108	10 - 210
CIS-1,3-DICHLOROPROPENE	20.0	115	10 - 227
TRANS-1,3-DICHLOROPROPENE	20.0	113	17 - 183
ETHYLBENZENE	20.0	101	37 - 162
2-HEXANONE	20.0	84	22 - 155
ISOPROPYLBENZENE	20.0	98	50 - 150
METHYL ACETATE	20.0	94	50 - 150
METHYLCYCLOHEXANE	20.0	106	50 - 150
METHYLENE CHLORIDE	20.0	110	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20.0	83	46 - 157
STYRENE	20.0	103	66 - 144
1,1,2,2-TETRACHLOROETHANE	20.0	98	46 - 157
TETRACHLOROETHENE	20.0	104	64 - 148
TOLUENE	20.0	105	47 - 150
1,2,4-TRICHLOROENZENE	20.0	92	50 - 150

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: OLM 4.2 TCL LIST

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 677407 ANALYTICAL RUN #: 96140

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 10/04/03		
ANALYTICAL DILUTION:	1.0		
1,1,1-TRICHLOROETHANE	20.0	105	52 - 162
1,1,2-TRICHLOROETHANE	20.0	103	52 - 150
TRICHLOROETHENE	20.0	102	71 - 157
TRICHLOROTRIFLUOROMETHANE	20.0	106	50 - 150
1,1,2-TRICHLORO1,2,2-TRIFLUOROETHA	20.0	108	50 - 150
VINYL CHLORIDE	20.0	119	10 - 251
O-XYLENE	20.0	100	71 - 135
M+P-XYLENE	40.0	102	71 - 135

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 673038

Dup Spiked Order No. : 673039

Client ID:

Test: 8270C SEMIVOLATILES

Analytical Units: UG/L

Run Number : 95480

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	100	0	78.0	78	82.0	82	5	19	49 - 116
2-CHLOROPHENOL	200	0	79.0	40	80.0	40	1	50	26 - 120
2,4-DINITROTOLUENE	100	0	100	100	100	100	0	38	59 - 116
4-CHLORO-3-METHYLPHENO	200	0	90.0	45	93.0	47	3	33	31 - 130
4-NITROPHENOL	200	0	40.0	20	42.0	21	5	50	10 - 130
PENTACHLOROPHENOL	200	0	84.0	42	91.0	46	8	47	26 - 131
PHENOL	200	0	39.0	20	39.0	20	0	35	10 - 130
N-NITROSO-DI-N-PROPYLA	100	0	87.0	87	84.0	84	4	38	43 - 115
PYRENE	100	0	85.0	85	90.0	90	6	36	60 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
NON-AQUEOUS

Spiked Order No. : 673967

Dup Spiked Order No. : 673968

Client ID:

Test: NYSDOH 310-13

Analytical Units: UG/KG

Run Number : 95620

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
FUEL OIL #2/DIESEL FUE	5000000	0	4700000	94	5900000	118	23	30	50 - 150

09/19/03
GCMS#2

EXPOSURE.M → VOA0805.M (8260B) 89
→ VOA0919.M (Initial Caln.)

7
78 YT
79 YC
80 YC
81 YM
82 YQ
83 Y
84 Y
85 Y
86 Y
87 Y
88 Y rpt 10
89 should repeat
90 Y
1 Y
2 YQ
3 YQ
4 Y
5 Y
6 Y

8	C-BLK (Tubes prepurged)					Z1397	
9	Tune Check T082903.M 2:00 P.M. switch to VOA					Z1398 YT but not used	
9	Tune Check T080503.M 2:31 P.M.					Z1399 YT	
5	VSTD050 VOA0805.M will recalibrate for 8260B.CLP list... → will use tune above (Z1398 using T082903.M), EM = 1647					Z1400 NC	
6	Pre Curve BIK VOA0919.M					Z1401	
		I.S.	Surr	Surr	Comb.	1° Targets	1° Targets
		50	25	50	50	25	500
6	V STD001 5µl	-	-	-	4µl/100mL	-	Z1402 Y
4	V STD005 5µl	1µl	-	-	-	1.0µl/100mL	Z1403 Y
5	V STD020 5µl	4µl	-	-	-	4µl/100mL	Z1404 Y
6	V STD050 5µl	-	-	5µl	-	10µl/100mL	Z1405 Y
7	V STD100 C-BLK by T082903.M	-	-	-	-	-	Z1406
8	V STD150 -	5µl	-	5µl	-	20µl/100mL	Z1407 Y
9	V STD200 -	-	5µl	5µl	-	30µl/100mL	Z1408 Y
10	V STD250 5µl	-	-	-	-	40µl/100mL	Z1409 Y
11	C-BLK by T082903.M						Z1410 -
12	ICV						Z1411 Y
13	Met BIK						Z1412 YM
14	669984 1.0 (-2) pH < 2						Z1413 Y
15	669984 5.0 (1.0 mL) (-1) pH < 2						Z1414 Y (out of H.T.)
16	LCS						Z1415 YQ

David Hippen

- Surr 25, 2µl/5mL purged tune/see curve - MSVA18D
- I.S. 50, MSVA18C, see curve
- Surr 50, MSVA19A, " "
- Comb. I.S./Surr 50, MSVA
- (targets)
- 1° T/G 25 PPM MSVA19B, see curve
- 1° targets 500 PPM MSVA10A, " "

For ICV:
100µl MSVA12C (SS 50 PPM)/100mL DI

For LCS:
40µl MSVA12C/100mL DI

09/22/03
GCMS#2

VOA0919.M
(8260B)

09/2
GC

13	C-BLK (takes prepurged)	Z1416	14	C-
10	Time Check T082903.M 10:24	Z1417 YT	2	Tu
11	CCV	Z1418 YC	3	Tu
13	LCS	Z1419 YQ	4	CC
14	Met Blk	Z1420 YM	5	Me
15	670300 5.0 (1.0mL) (-1) pH<2 R23-18312 [BER 8260B.CLF]	Z1421 Y	6	Me
16	670303 10 (5.0mL/50mL) (-1) pH<2	Z1422 Y	7	67
1	670310 1.0 (-2) (F.B.) (PH>2)	Z1423 Y	8	67
2	670305 10 (5.0mL/50mL) (-2) pH<2	Z1424 Y rpt 1/5	9	67
3	670303 10MS (5.0mL/50mL) (-2) pH<2	Z1425 YQ	10	67
4	670303 10 MSD (5.0mL/50mL) (-3) pH<2	Z1426 YQ	11	67
5	670305 5.0 (1.0mL) (-3) pH<2	Z1427 Y	12	67
6	671987 10 (5.0mL/50mL) (-2) vial RIDH-1 R23-18401 [8260B.TOLF]	Z1428 weak?	13	66i
7	671996 5.0 (1.0mL) pH<2 (-2)	Z1429 Y	14	66i
8	671999 1.0 (-1) pH<2	Z1430 Y		
9	672000 1.0 (-1) pH<2	Z1431 Y		
10	672001 1.0 (-2) pH<2	Z1432 Y		
11	672002 1.0 (-2) pH<2	Z1433 Y		
12	672003 1.0 (-3) pH<2	Z1434 Y		
14	672004 1.0 (-3) pH<2	Z1435 Y		

9/22/03

David Ingram
 Surr 25 MSVA18D, 2µl/5mL purged time
 Comb. I.S./Surr MSVA18B, 5µl
CCV
 10µl MSVA10A/100mL DI
 → 1° Targets 500PPM

LCS:
 40µl MSVA12C (Saw SS 50)/100mL DI

MS/MSD:
 5.0mL sample + 50µl MSVA12C / 50mL cylinder w DI (1/10 dilution x 50PPB spike)

7
 Su
 Con
 CC
 10µ
 +10µ
 LC
 410µ
 +4µ
 9/23/03
 MS
 2.
 +5µ
 +5µ

10/04/03
GCMS#2

VOA0919.M
(8260B)
(SOW list)

101

Z1642	meant to call Z1644	8	C-BLK	Z1657 O.K.
Z1645	YT	16	Tune Check T082903.M	Z1658 YT
Z1646	YC	8	VSTD050	Z1659 NC v.c. +
Z1647	YM	9	VSTD050	Z1660 YC
Z1648		10	LCS	Z1661 YQ
Z1649		11	Mct B/K	Z1662 YM
Z1650	Y rpt 10ml	12	670300 10 (5.0ml/50ml) (-2) pH < 2 R23-18312	Z1663 Y
Z1651		13	670300 10 MS (5.0ml/50ml) pH < 2	Z1664 YQ
Z1652		14	670300 10 MSD ↓ ↓	Z1665 YQ
Z1653	renew w/air			
Z1654	use			
Z1655	Y			
Z1656	Y			

T0-14 MGM

[BER 8260B.CLP]

DL
10/4/03

DL 10/3/03

David Lipani
 Surr 25, MSVA18D, 2µl/5µl purged tune
 Comb. I.S./Surr MSVA18B, 5µl
VSTD050
 10µl MSVA25A (SOW 500)/100µl DI

LCS
 40µl MSVA25D (SOW SS 50)/100µl DI

MS/MSD
~~43µl MSVA25D / inject through septum of~~
 5.0ml sample
 + 50µl MSVA25D / 50µl cyl. w/ DI, analyze 5µl



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR # _____
CAS Contact _____

Project Name 120 EAST MAIN ST - Rehob		Project Number 4453-02	
Project Manager GARY FISCHER		Report CC _____	
Company/Address Bergmann Associates 205 First Federal Plaza 285 Main St Rochester NY 14614			
Phone # 585 282 5135		FAX# _____	
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name _____	

ANALYSIS REQUESTED (Include Method Number and Container Preservative)												
NUMBER OF CONTAINERS	PRESERVATIVE										Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____	
	GC/MS VOA's 8260 824 CLP	GC/MS SVOA's 8270 825 CLP	GC VOA's 8021 601/602	PESTICIDES 8081 608 CLP	PCB's 8082 608 CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)					
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

Ethylene Glycol preservative 3/2/03 PM

CLIENT SAMPLE ID	FOR OFFICE USE ONLY		SAMPLING		MATRIX	PRESERVATIVE												REMARKS/ ALTERNATE DESCRIPTION
	LAB ID		DATE	TIME		GC/MS VOA's	GC/MS SVOA's	GC VOA's	PESTICIDES	PCB's	METALS, TOTAL	METALS, DISSOLVED						
MW-1	670300		09/08/03	9:30	soils	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
MW-1 Product	13		09/08/03	10:5	product	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
MW-1 FB	10		09/08/03	9:50	water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
MW-4	03		09/08/03	11:50	water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											As of PCB only
MW-3 Product	16		09/08/03	12:5	product	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
MW-3	05		09/08/03	13:40	water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
MW-7 Product	18		09/08/03	14:10	product	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
MW-7			09/08/03	15:00	water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											As of PCB only

SPECIAL INSTRUCTIONS/COMMENTS
Metals *R-R metals*

See QAPP

TURNAROUND REQUIREMENTS
 RUSH (SURCHARGES APPLY)
 24 hr 48 hr 5 day
 STANDARD
 REQUESTED FAX DATE _____
 REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
 I. Results Only
 II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
 III. Results + QC and Calibration Summaries
 IV. Data Validation Report with Raw Data
 V. Specialized Forms / Custom Report
 Edata Yes No

INVOICE INFORMATION

PO# _____

BILL TO: _____

SUBMISSION #: _____

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N			
RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
<i>Edward Jones</i> Signature	<i>K. Look</i> Signature				
Edward J. Jones Printed Name	K. Look Printed Name				
Bergmann Assoc. Firm	CAS Firm				
09/08/03 15:35 Date/Time	9/8/03 15:35 Date/Time				

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number R2-18312

Cooler received on 9/8/03 by: Vmc COURIER: CAS UPS FEDEX CD&L CLIENT

- | | | | |
|---|-------------------------|-----------|-----|
| 1. Were custody seals on outside of cooler? | <u>YES</u> | <u>NO</u> | |
| 2. Were custody papers properly filled out (ink, signed, etc.)? | <u>YES</u> | NO | |
| 3. Did all bottles arrive in good condition (unbroken)? | <u>YES</u> | NO | |
| 4. Did any VOA vials have significant air bubbles? | <u>YES</u> | <u>NO</u> | N/A |
| 5. Were <u>Ice</u> or Ice packs present? | <u>YES</u> | NO | |
| 6. Where did the bottles originate? | <u>CAS/ROC</u> , CLIENT | | |
| 7. Temperature of cooler(s) upon receipt: | <u>5°C</u> | | |

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 9/8/03 1545

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 9-9-03 by: ME

- | | | | |
|--|------------|----|--|
| 1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? | <u>YES</u> | NO | |
| 2. Did all bottle labels and tags agree with custody papers? | <u>YES</u> | NO | |
| 3. Were correct containers used for the tests indicated? | <u>YES</u> | NO | |
| 4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated | <u>N/A</u> | | |

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃	✓				
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2	

Other Comments: _____

Project Name: CITY OF ROCHESTER				Project Number: 4453.02				ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager: CAROL FLISNEK				Report CC: _____				PRESERVATIVE: 1 0 0 2 0													
Company/Address: DESIGNSMAN ASSOCIATES								<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">NUMBER OF CONTAINERS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> GC/MS VOA's <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> 824 <input type="checkbox"/> CLP GC/MS SVOA's <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below) ETHYLENE GLYCOL </div> <div style="text-align: right;"> Preservative Key 0. NONE 1. HCL 2. HNO₃ 3. H₂SO₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO₄ 8. Other _____ </div> </div>													
200 FIRST FEDERAL PLAZA 75 E. MAIN ST				ROCHESTER, NY 14614																	
Phone #: 585-232-5135				FAX#: 585-232-4652																	
Sampler's Signature: <i>[Signature]</i>				Sampler's Printed Name: MARSCHNER																	
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID		SAMPLING DATE		TIME														MATRIX	
MW-12				9/5/03		0800		AQ		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											
MW-8				9/5/03		1030		AQ		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											
MW-10				9/5/03		1150		AQ		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											
MW-11				9/5/03		1320		AQ		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											
MW-9				9/5/03		1435		AQ		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											
MW-2		669984		9/5/03		1610		AQ		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											
MW-10 DOP				9/5/03		1150		AQ		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>											

SPECIAL INSTRUCTIONS/COMMENTS Metals ReRA METALS Analyze MW 2 PCB's by ASP as per Gary Flisnek and 9/5/03 ASD DELIVERABLES REQUIRED ON MW 12, 8, 10, 11 & 9 & MW-10 DOP MW-2 = SW-846 DELIVERABLES			TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) _____ 24 hr _____ 48 hr _____ 5 day _____ <input checked="" type="checkbox"/> STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____			REPORT REQUIREMENTS I. Results Only _____ <input checked="" type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries _____ IV. Data Validation Report with Raw Data _____ V. Specialized Forms / Custom Report _____ Edata Yes _____ No _____			INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: _____		
---	--	--	--	--	--	---	--	--	--	--	--

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N	
RELINQUISHED BY		RECEIVED BY	
Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>	
Printed Name: SIM MARSCHNER		Printed Name: [Signature]	
Firm: DESIGNSMAN ASSOC.		Firm: [Signature]	
Date/Time: 9/5/03 0850		Date/Time: 9/5/03 1650	
RELINQUISHED BY		RECEIVED BY	
Signature: _____		Signature: _____	
Printed Name: _____		Printed Name: _____	
Firm: _____		Firm: _____	
Date/Time: _____		Date/Time: _____	

Cooler Receipt And Preservation Check Form

Project/Client BEP Submission Number R2-18312

Cooler received on 9/5/03 by: BE COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC CLIENT
7. Temperature of cooler(s) upon receipt: 3° 5° _____

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 9/5/03 1650

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 9/8/03 by: kmr

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃	X				
2	H ₂ SO ₄					
Residual Chlorine (+/-) for TCN & Phenol						
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH
 **If pH adjustment is required, use NaOH and/or H₂SO₄.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2			

Other Comments:



October 27, 2003

Mr. Gary Flisnik
Bergmann Associates
28 East Main Street
Rochester, NY 14614

Re: 1200 E. Main Street, Rochester Project #4453.02
Submission # R2318289
SDG # MW-6

Dear Mr. Flisnik:

Enclosed is the analytical data report for the above referenced facility. A total of fourteen samples were received by our laboratory on September 4-8, 2003.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

Sincerely,

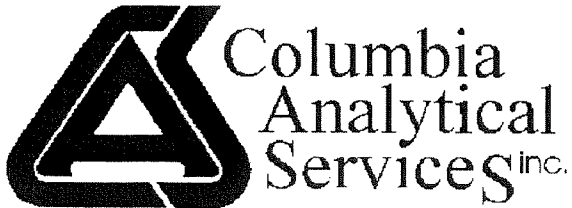
COLUMBIA ANALYTICAL SERVICES

Janice M. Jaeger
Project Chemist

enc.

2003
Groundwater
Samples
ASP PACKAGE
MW5 → MW 12
PCBS all samples
Ethylene Glycol all samples
metals all samples
VOCs & SVOCs all samples

DATA-validated
pages inserted



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Lab Submission # : R2318289
Project Manager : Janice Jaeger
Reported : 10/23/03

Report Contains a total of 177 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

Michael K. Perry

CAS ASP/CLP BATCHING FORM / LOGIN SHEET

SDG #: MW-6		BATCH COMPLETE: <u>yes</u>			DATE REVISED:			
SUBMISSION R2318289		DISKETTE REQUESTED: Y <u> </u> N <u>X</u>			DATE DUE: 10/06/03			
CLIENT: Bergmann Associates, P.C.		DATE: 09/08/03			PROTOCOL: ASP			
CLIENT REP: Janice Jaeger		CUSTODY SEAL: PRESENT/ABSENT:			SHIPPING No.:			
PROJECT: 1200 E. MAIN STREET, ROCHESTER		CHAIN OF CUSTODY: PRESENT/ABSENT:			SUMMARY PKG: Y <u>X</u> N			
CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE SAMPLED	DATE RECEIVED	pH (SOLIDS)	% SOLIDS	REMARKS SAMPLE CONDITION
669544	MW-6	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/4/03	9/4/03			
669546QC	MW-5	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/4/03	9/4/03			
669547	MW-12	WATER	OLM VOA	9/4/03	9/4/03			
669548	COOLER BLANK	WATER	OLM VOA	9/4/03	9/4/03			
669974	MW-12	WATER	OLM/ILM SVOA,PCB,RCRA MET	9/5/03	9/5/03			
669975	MW-8	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/5/03	9/5/03			
669976	MW-10	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/5/03	9/5/03			
669977	MW-11	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/5/03	9/5/03			
669978	MW-9	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/5/03	9/5/03			
669979	MW-10 DUP	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/5/03	9/5/03			
669980	MW-2	WATER	OLM PCB	9/5/03	9/5/03			
670296	MW-1	WATER	OLM PCB	9/8/03	9/8/03			
670297	MW-4	WATER	OLM PCB	9/8/03	9/8/03			
670298	MW-3	WATER	OLM PCB	9/8/03	9/8/03			
670299	MW-7	WATER	OLM/ILM VOA,SVOA,RCRA MET	9/8/03	9/8/03			
			All of PCB were cooler blank					
			*89-9					

4

CASE NARRATIVE

COMPANY: Bergmann Associates
1200 E. Main Street, Rochester Project #4453.02
SUBMISSION #: R2318289

Bergmann samples were collected on 09/04-08/03 and received at CAS on 09/04-08/03 in good condition

INORGANICS

Nine water samples were analyzed for RCRA Metals by ASP methodology and Ethylene Glycol by method 89-9.

Site specific QC was performed on MW-5. All MS recoveries were within limits. All Blank spike recoveries were within limits. All RPD's were within limits.

No other analytical or QC problems were encountered.

VOLATILE ORGANICS

Nine water samples and one cooler blank were analyzed for the TCL list of Volatiles by Method OLM 4.2.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within QC limits.

Site specific QC was performed on MW-5. All MS/MSD and Reference spike recoveries were within limits. All RPD's were within limits.

The Laboratory blanks associated with these samples were free of contamination.

All samples were analyzed within required holding times.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

Nine water samples were analyzed for TCL list of Semivolatiles by method OLM 4.2.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within limits.

Site specific QC was performed on MW-5. All MS/MSD recoveries were within limits except 4-Nitrophenol and 2,4-Dinitrotoluene and have been flagged with an "**". All Blank spike/Blank spike duplicate recoveries were within limits except N-Nitroso-Di-n-propylamine was outside limits low and 4-Nitrophenol was outside limits high and have been flagged with an "**". No sample remained to re-extract and reanalyze. All RPD's were within limits.

Various compounds for MW-12, MW-8 and MW-10 DUP have been flagged with an "E" as being outside the calibration range of the instrument. The samples were repeated at dilutions and both sets of data have been reported out.

The results for MW-10 and MW-10 DUP don't correspond well with each other. All internal documentation has been checked and verified and CAS no longer has the original sample bottles to check whether the sample was mislabeled. It appears from comparing the Volatile data to the Semivolatile data, that MW-10 and MW-12 could have been switched.

The Laboratory Blanks associated with these analyses were free of contamination except SBLK1 contained a low level hit for Di-n-butylphthalate and SBLK1 and SBLK2 contained a low level hit for Bis(2-ethylhexyl)phthalate. All affected data has been flagged with a "B".

All samples were extracted and analyzed within holding times.

No other analytical or QC problems were encountered.

PCB's

Twelve water samples was analyzed for the TCL list of PCB's by modified method OLM 4.2.

All the initial and continuing calibration criteria were met for all analytes.

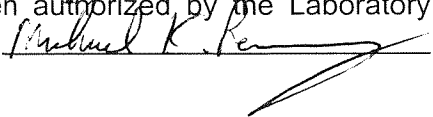
All surrogate standard recoveries were within limits.

Site specific QC was performed on MW-5. All MS/MSD recoveries were within limits. All Blank spike/blank spike duplicate recoveries were within limits. All RPD's were within limits .

The Laboratory Blanks associated with these analyses were free of contamination.

All samples were extracted and analyzed within required holding times.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature. 



Effective 6/12/2003

ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
 Delaware Accredited
 Connecticut ID # PH0556
 Florida ID # E87674
 Massachusetts ID # M-NY032
 Navy Facilities Engineering Service Center Approved
 Nebraska Accredited

NELAP Accredited
 New York ID # 10145
 New Jersey ID # NY004
 New Hampshire ID # 294100 A/B
 Pennsylvania Registration 68-786
 Rhode Island ID # 158
 South Carolina ID #91012
 West Virginia ID # 292



Effective 6/12/2003

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because of the presence of interference.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
 Delaware Accredited
 Connecticut ID # PH0556
 Florida ID # E87674
 Massachusetts ID # M-NY032
 Navy Facilities Engineering Service Center Approved
 Nebraska Accredited
 NELAP Accredited

New York ID # 10145
 New Jersey ID # NY004
 New Hampshire ID # 294100 A/B
 Pennsylvania Registration 68-786
 Rhode Island ID # 158
 South Carolina ID #91012
 West Virginia ID # 292

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669544 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1607.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

2003
 DATA -
 VALIDATED
 &
 Revised
 RESULTS
 ASP

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: cas/roc Contract: bergman

Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6

Matrix: (soil/water) WATER Lab Sample ID: 669544 1.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1607.D

Level: (low/med) LOW Date Received: 09/04/03

% Moisture: not dec. _____ Date Analyzed: 09/09/03

GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-38-3/106-42-3	(m+p)Xylene	10	U
95-47-6	o-Xylene	10	U
100-42-5	Styrene	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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669544 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1607.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1608.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(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	UJ
75-00-3	Chloroethane		10	U
75-69-4	Trichlorofluoromethane		10	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1608.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-38-3/106-42-3	(m+p)Xylene	10	U
95-47-6	o-Xylene	10	U
100-42-5	Styrene	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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5

Lab Name: cas/roc Contract: bergman
Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
Matrix: (soil/water) WATER Lab Sample ID: 669546 1.0
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1608.D
Level: (low/med) LOW Date Received: 09/04/03
% Moisture: not dec. _____ Date Analyzed: 09/09/03
GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669547 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1611.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	10	U
75-35-4	1,1-Dichloroethene	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene chloride	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	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
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
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
124-48-1	Dibromochloromethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669547 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1611.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-12

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669547 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1611.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COOLER BLK

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669548 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1632.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COOLER BLK

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669548 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1632.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

COOLER BLK

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669548 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1632.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1614.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	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 _J
75-00-3	Chloroethane		10	U
75-69-4	Trichlorofluoromethane		10	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		5	J
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		4	J
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
110-82-7	Cyclohexane		10	
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		7	J
79-01-6	Trichloroethene		10	U
108-87-2	Methylcyclohexane		4	J
78-87-5	1,2-Dichloropropane		10	U
75-27-4	Bromodichloromethane		10	U
10061-01-5	cis-1,3-Dichloropropene		10	U
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		15	
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		25	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1614.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-38-3/106-42-3	(m+p)Xylene		200	
95-47-6	o-Xylene		26	
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1614.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000106-97-8	Butane	3.46	13	JN
2. 000078-78-4	Butane, 2-methyl-	4.44	71	JN
3.	unknown alkane	4.94	16	J
4. 000079-29-8	Butane, 2,3-dimethyl-	6.62	12	JN
5. 000107-83-5	Pentane, 2-methyl-	6.69	13	JN
6.	unknown alkane	6.78	15	J
7.	unknown cyclic alkane	8.77	36	J
8. 000620-14-4	Benzene, 1-ethyl-3-methyl-	19.72	46	JN
9. 000611-14-3	Benzene, 1-ethyl-2-methyl-	19.77	23	JN
10. 000108-67-8	Benzene, 1,3,5-trimethyl-	19.88	28	JN
11. 000622-96-8	Benzene, 1-ethyl-4-methyl-	20.31	56	JN
12. 000095-63-6	Benzene, 1,2,4-trimethyl-	20.66	140	JN
13. 000526-73-8	Benzene, 1,2,3-trimethyl-	21.54	53	JN
14.	unknown hydrocarbon	21.98	55	J
15. 027133-93-3	2,3-Dihydro-1-methylindene	24.75	16	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669976 20.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1628.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 20.0 BA10/16
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	200	U
75-69-4	Trichlorofluoromethane	200	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	200	U
75-35-4	1,1-Dichloroethene	200	U
67-64-1	Acetone	200	U
75-15-0	Carbon disulfide	200	U
79-20-9	Methyl Acetate	200	U
75-09-2	Methylene chloride	200	U
1634-04-4	Methyl tert-Butyl Ether	200	U
156-60-5	trans-1,2-Dichloroethene	200	U
75-34-3	1,1-Dichloroethane	200	U
78-93-3	2-Butanone	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
67-66-3	Chloroform	200	U
107-06-2	1,2-Dichloroethane	200	U
71-55-6	1,1,1-Trichloroethane	200	U
110-82-7	Cyclohexane	160	J
56-23-5	Carbon tetrachloride	200	U
71-43-2	Benzene	91	J
79-01-6	Trichloroethene	200	U
108-87-2	Methylcyclohexane	200	U
78-87-5	1,2-Dichloropropane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
124-48-1	Dibromochloromethane	200	U
75-25-2	Bromoform	200	U
108-10-1	4-Methyl-2-pentanone	200	U J
108-88-3	Toluene	1900	
127-18-4	Tetrachloroethene	200	U
591-78-6	2-Hexanone	200	U J
106-93-4	1,2-Dibromoethane	200	U
108-90-7	Chlorobenzene	200	U
100-41-4	Ethylbenzene	1200	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669976 20.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1628.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		4600	
95-47-6	o-Xylene		1300	
100-42-5	Styrene		200	U
98-82-8	Isopropylbenzene		200	U
79-34-5	1,1,2,2-Tetrachloroethane		200	U
541-73-1	1,3-Dichlorobenzene		200	U
106-46-7	1,4-Dichlorobenzene		200	U
95-50-1	1,2-Dichlorobenzene		200	U
96-12-8	1,2-Dibromo-3-chloropropane		200	U
120-82-1	1,2,4-Trichlorobenzene		200	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-10

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669976 20.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1628.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000106-97-8	Butane	3.45	900	JN
2. 000078-78-4	Butane, 2-methyl-	4.43	3800	JN
3.	cyclopropane, ethyl-	4.81	320	J
4. 000109-66-0	Pentane	4.93	1400	JN
5. 002402-06-4	Cyclopropane, 1,2-dimethyl-, tra	5.19	1000	JN
6. 000646-04-8	2-Pentene, (E)-	5.40	560	JN
7. 000513-35-9	2-Butene, 2-methyl-	5.51	1200	JN
8.	unknown alkane	6.69	540	J
9.	unknown cyclic hydrocarbon	6.78	710	J
10. 000096-14-0	Pentane, 3-methyl-	7.15	410	JN
11. 000592-43-8	2-Hexene	7.94	270	JN
12.	unknown hydrocarbon	8.29	350	J
13.	unknown cyclic hydrocarbon	8.77	1200	J
14. 000611-14-3	Benzene, 1-ethyl-2-methyl-	19.71	540	JN
15. 000095-63-6	Benzene, 1,2,4-trimethyl-	20.65	730	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 5.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1629.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 5.0 BA10/16
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane		50	U
74-87-3	Chloromethane		50	U
75-01-4	Vinyl chloride		50	U
74-83-9	Bromomethane		50	U
75-00-3	Chloroethane		50	U
75-69-4	Trichlorofluoromethane		50	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		50	U
75-35-4	1,1-Dichloroethene		50	U
67-64-1	Acetone		50	U
75-15-0	Carbon disulfide		50	U
79-20-9	Methyl Acetate		50	U
75-09-2	Methylene chloride		50	U
1634-04-4	Methyl tert-Butyl Ether		50	U
156-60-5	trans-1,2-Dichloroethene		50	U
75-34-3	1,1-Dichloroethane		50	U
78-93-3	2-Butanone		50	U
156-59-2	cis-1,2-Dichloroethene		50	U
67-66-3	Chloroform		50	U
107-06-2	1,2-Dichloroethane		50	U
71-55-6	1,1,1-Trichloroethane		50	U
110-82-7	Cyclohexane		51	
56-23-5	Carbon tetrachloride		50	U
71-43-2	Benzene		500	
79-01-6	Trichloroethene		50	U
108-87-2	Methylcyclohexane		50	U
78-87-5	1,2-Dichloropropane		50	U
75-27-4	Bromodichloromethane		50	U
10061-01-5	cis-1,3-Dichloropropene		50	U
10061-02-6	trans-1,3-Dichloropropene		50	U
79-00-5	1,1,2-Trichloroethane		50	U
124-48-1	Dibromochloromethane		50	U
75-25-2	Bromoform		50	U
108-10-1	4-Methyl-2-pentanone		50	U J
108-88-3	Toluene		130	
127-18-4	Tetrachloroethene		50	U
591-78-6	2-Hexanone		50	U J
106-93-4	1,2-Dibromoethane		50	U
108-90-7	Chlorobenzene		50	U
100-41-4	Ethylbenzene		260	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 5.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1629.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-38-3/106-42-3	(m+p)Xylene		380	
95-47-6	o-Xylene		50	
100-42-5	Styrene		50	U
98-82-8	Isopropylbenzene		50	U
79-34-5	1,1,2,2-Tetrachloroethane		50	U
541-73-1	1,3-Dichlorobenzene		50	U
106-46-7	1,4-Dichlorobenzene		50	U
95-50-1	1,2-Dichlorobenzene		50	U
96-12-8	1,2-Dibromo-3-chloropropane		50	U
120-82-1	1,2,4-Trichlorobenzene		50	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 5.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1629.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000075-28-5	Isobutane	3.19	64	JN
2. 000106-97-8	Butane	3.45	270	JN
3. 000078-78-4	Butane, 2-methyl-	4.44	1200	JN
4. 000109-66-0	Pentane	4.93	330	JN
5. 000563-46-2	1-Butene, 2-methyl-	5.19	150	JN
6. 000627-20-3	2-Pentene, (Z)-	5.40	57	JN
7. 000513-35-9	2-Butene, 2-methyl-	5.51	350	JN
8. 000142-29-0	Cyclopentene	6.57	160	JN
9.	unknown hydrocarbon alkane	6.69	160	J
10.	unknown cyclic hydrocarbon	6.78	230	J
11. 000096-14-0	Pentane, 3-methyl-	7.14	130	JN
12.	unknown hydrocarbon	8.02	72	J
13.	unknown hydrocarbon	8.77	400	J
14. 000095-63-6	Benzene, 1,2,4-trimethyl-	20.66	91	JN
15.	unknown hydrocarbon	21.97	79	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 50.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1630.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 50.0 BA 10/10
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane		500	U
74-87-3	Chloromethane		500	U
75-01-4	Vinyl chloride		500	U
74-83-9	Bromomethane		500	U
75-00-3	Chloroethane		500	U
75-69-4	Trichlorofluoromethane		500	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		500	U
75-35-4	1,1-Dichloroethene		500	U
67-64-1	Acetone		500	U
75-15-0	Carbon disulfide		500	U
79-20-9	Methyl Acetate		500	U
75-09-2	Methylene chloride		500	U
1634-04-4	Methyl tert-Butyl Ether		500	U
156-60-5	trans-1,2-Dichloroethene		500	U
75-34-3	1,1-Dichloroethane		500	U
78-93-3	2-Butanone		500	U
156-59-2	cis-1,2-Dichloroethene		500	U
67-66-3	Chloroform		500	U
107-06-2	1,2-Dichloroethane		500	U
71-55-6	1,1,1-Trichloroethane		500	U
110-82-7	Cyclohexane		290	J
56-23-5	Carbon tetrachloride		500	U
71-43-2	Benzene		500	U
79-01-6	Trichloroethene		500	U
108-87-2	Methylcyclohexane		500	U
78-87-5	1,2-Dichloropropane		500	U
75-27-4	Bromodichloromethane		500	U
10061-01-5	cis-1,3-Dichloropropene		500	U
10061-02-6	trans-1,3-Dichloropropene		500	U
79-00-5	1,1,2-Trichloroethane		500	U
124-48-1	Dibromochloromethane		500	U
75-25-2	Bromoform		500	U
108-10-1	4-Methyl-2-pentanone		500	U J
108-88-3	Toluene		3500	
127-18-4	Tetrachloroethene		500	U
591-78-6	2-Hexanone		500	U J
106-93-4	1,2-Dibromoethane		500	U
108-90-7	Chlorobenzene		500	U
100-41-4	Ethylbenzene		2100	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9

Lab Name: cas/roc Contract: bergman

Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6

Matrix: (soil/water) WATER Lab Sample ID: 669978 50.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1630.D

Level: (low/med) LOW Date Received: 09/05/03

% Moisture: not dec. _____ Date Analyzed: 09/10/03

GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-38-3/106-42-3	(m+p)Xylene	8200	
95-47-6	o-Xylene	2600	
100-42-5	Styrene	500	U
98-82-8	Isopropylbenzene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
95-50-1	1,2-Dichlorobenzene	500	U
96-12-8	1,2-Dibromo-3-chloropropane	500	U
120-82-1	1,2,4-Trichlorobenzene	500	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 50.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1630.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000106-97-8	Butane	3.45	1300	JN
2. 000078-78-4	Butane, 2-methyl-	4.44	6600	JN
3. 001191-96-4	Cyclopropane, ethyl-	4.82	530	JN
4. 000109-66-0	Pentane	4.93	2500	JN
5. 000930-18-7	Cyclopropane, 1,2-dimethyl-, cis-	5.19	1700	JN
6. 000627-20-3	2-Pentene, (Z)-	5.40	900	JN
7. 000513-35-9	2-Butene, 2-methyl-	5.51	1800	JN
8. 000079-29-8	Butane, 2,3-dimethyl-	6.61	540	JN
9.	unknown alkane	6.68	1200	J
10.	unknown cyclic hydrocarbon	6.78	1200	J
11. 000096-14-0	Pentane, 3-methyl-	7.14	820	JN
12.	unknown hydrocarbon	8.29	600	J
13.	unknown cyclic alkane	8.77	2300	J
14. 000611-14-3	Benzene, 1-ethyl-2-methyl-	19.70	1000	JN
15. 000095-63-6	Benzene, 1,2,4-trimethyl-	20.66	1400	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10DUP

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 20.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1631.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 20.0 BA10/16
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

75-71-8	Dichlorodifluoromethane	200	U
74-87-3	Chloromethane	200	U
75-01-4	Vinyl chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	200	U
75-69-4	Trichlorofluoromethane	200	U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	200	U
75-35-4	1,1-Dichloroethene	200	U
67-64-1	Acetone	200	U
75-15-0	Carbon disulfide	200	U
79-20-9	Methyl Acetate	200	U
75-09-2	Methylene chloride	200	U
1634-04-4	Methyl tert-Butyl Ether	200	U
156-60-5	trans-1,2-Dichloroethene	200	U
75-34-3	1,1-Dichloroethane	200	U
78-93-3	2-Butanone	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
67-66-3	Chloroform	200	U
107-06-2	1,2-Dichloroethane	200	U
71-55-6	1,1,1-Trichloroethane	200	U
110-82-7	Cyclohexane	160	J
56-23-5	Carbon tetrachloride	200	U
71-43-2	Benzene	89	J
79-01-6	Trichloroethene	200	U
108-87-2	Methylcyclohexane	200	U
78-87-5	1,2-Dichloropropane	200	U
75-27-4	Bromodichloromethane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
124-48-1	Dibromochloromethane	200	U
75-25-2	Bromoform	200	U
108-10-1	4-Methyl-2-pentanone	200	U
108-88-3	Toluene	1900	
127-18-4	Tetrachloroethene	200	U
591-78-6	2-Hexanone	200	U
106-93-4	1,2-Dibromoethane	200	U
108-90-7	Chlorobenzene	200	U
100-41-4	Ethylbenzene	1200	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10DUP

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 20.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1631.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-38-3/106-42-3	(m+p)Xylene		4500	
95-47-6	o-Xylene		1300	
100-42-5	Styrene		200	U
98-82-8	Isopropylbenzene		200	U
79-34-5	1,1,2,2-Tetrachloroethane		200	U
541-73-1	1,3-Dichlorobenzene		200	U
106-46-7	1,4-Dichlorobenzene		200	U
95-50-1	1,2-Dichlorobenzene		200	U
96-12-8	1,2-Dibromo-3-chloropropane		200	U
120-82-1	1,2,4-Trichlorobenzene		200	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-10DUP

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 20.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1631.D
 Level: (low/med) LOW Date Received: 09/05/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000106-97-8	Butane	3.45	860	JN
2. 000078-78-4	Butane, 2-methyl-	4.44	3700	JN
3. 000287-92-3	Cyclopropane, ethyl-	4.82	320	JN
4. 000109-66-0	Pentane	4.93	1400	JN
5. 002402-06-4	Cyclopropane, 1,2-dimethyl-, tra	5.19	1000	JN
6. 000627-20-3	2-Pentene, (Z)-	5.40	560	JN
7. 000513-35-9	2-Butene, 2-methyl-	5.50	1100	JN
8.	unknown alkane	6.69	530	J
9.	unknown cyclic hydrocarbon	6.78	710	J
10. 000096-14-0	Pentane, 3-methyl-	7.15	400	JN
11. 000592-43-8	2-Hexene	7.93	270	JN
12.	unknown hydrocarbon	8.28	340	J
13.	unknown cyclic hydrocarbon	8.76	1200	J
14. 000611-14-3	Benzene, 1-ethyl-2-methyl-	19.70	500	JN
15. 000095-63-6	Benzene, 1,2,4-trimethyl-	20.66	710	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: cas/roc Contract: bergman

Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6

Matrix: (soil/water) WATER Lab Sample ID: 670299 50.0

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1627.D

Level: (low/med) LOW Date Received: 09/08/03

% Moisture: not dec. _____ Date Analyzed: 09/10/03

GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0 50.0 BA10/10

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
75-71-8	Dichlorodifluoromethane	500		U
74-87-3	Chloromethane	500		U
75-01-4	Vinyl chloride	500		U
74-83-9	Bromomethane	500		U
75-00-3	Chloroethane	500		U
75-69-4	Trichlorofluoromethane	500		U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	500		U
75-35-4	1,1-Dichloroethene	500		U
67-64-1	Acetone	500		U
75-15-0	Carbon disulfide	500		U
79-20-9	Methyl Acetate	500		U
75-09-2	Methylene chloride	500		U
1634-04-4	Methyl tert-Butyl Ether	200		J
156-60-5	trans-1,2-Dichloroethene	500		U
75-34-3	1,1-Dichloroethane	500		U
78-93-3	2-Butanone	500		U
156-59-2	cis-1,2-Dichloroethene	500		U
67-66-3	Chloroform	500		U
107-06-2	1,2-Dichloroethane	500		U
71-55-6	1,1,1-Trichloroethane	500		U
110-82-7	Cyclohexane	240		J
56-23-5	Carbon tetrachloride	500		U
71-43-2	Benzene	1900		
79-01-6	Trichloroethene	500		U
108-87-2	Methylcyclohexane	500		U
78-87-5	1,2-Dichloropropane	500		U
75-27-4	Bromodichloromethane	500		U
10061-01-5	cis-1,3-Dichloropropene	500		U
10061-02-6	trans-1,3-Dichloropropene	500		U
79-00-5	1,1,2-Trichloroethane	500		U
124-48-1	Dibromochloromethane	500		U
75-25-2	Bromoform	500		U
108-10-1	4-Methyl-2-pentanone	500		U J
108-88-3	Toluene	8600		
127-18-4	Tetrachloroethene	500		U
591-78-6	2-Hexanone	500		U J
106-93-4	1,2-Dibromoethane	500		U
108-90-7	Chlorobenzene	500		U
100-41-4	Ethylbenzene	2200		

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 670299 50.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1627.D
 Level: (low/med) LOW Date Received: 09/08/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		8600	
95-47-6	o-Xylene		2200	
100-42-5	Styrene		500	U
98-82-8	Isopropylbenzene		500	U
79-34-5	1,1,2,2-Tetrachloroethane		500	U
541-73-1	1,3-Dichlorobenzene		500	U
106-46-7	1,4-Dichlorobenzene		500	U
95-50-1	1,2-Dichlorobenzene		500	U
96-12-8	1,2-Dibromo-3-chloropropane		500	U
120-82-1	1,2,4-Trichlorobenzene		500	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-7

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 670299 50.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1627.D
 Level: (low/med) LOW Date Received: 09/08/03
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000075-28-5	Isobutane	3.19	700	JN
2. 000106-97-8	Butane	3.45	2400	JN
3. 000078-78-4	Butane, 2-methyl-	4.44	4500	JN
4. 001191-96-4	Cyclopropane, ethyl-	4.82	520	JN
5. 000109-66-0	Pentane	4.93	2300	JN
6. 000930-18-7	Cyclopropane, 1,2-dimethyl-, cis-	5.18	1400	JN
7. 000109-68-2	2-Pentene	5.40	840	JN
8. 000513-35-9	2-Butene, 2-methyl-	5.51	2100	JN
9. 000142-29-0	Cyclopentene	6.57	660	JN
10.	unknown alkane	6.68	780	J
11.	unknown cyclic hydrocarbon	6.78	990	J
12.	unknown cyclic hydrocarbon	8.77	1300	J
13. 000611-14-3	Benzene, 1-ethyl-2-methyl-	19.70	1100	JN
14. 000095-63-6	Benzene, 1,2,4-trimethyl-	20.66	1500	JN
15.	unknown hydrocarbon	21.96	530	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669544 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE076.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		9	U
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		9	U
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		9	U
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		9	U
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		9	U
91-20-3	Naphthalene		9	U
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		9	U
91-57-6	2-Methylnaphthalene		9	U
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		23	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		23	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		9	U
99-09-2	3-Nitroaniline		23	U
51-28-5	2,4-Dinitrophenol		23	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		9	U
100-02-7	4-Nitrophenol		23	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669544 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE076.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		23	U
534-52-1	4,6-Dinitro-2-methylphenol		23	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		23	U
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate		9 8	JB u
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		9	U
85-68-7	Butyl benzyl phthalate		9	U
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		21	B u
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		9	U
105-60-2	Caprolactam		23	U
92-52-4	Biphenyl		9	U
1912-24-9	Atrazine		9	U
024624-29-1	2-Ethylanthroquinone		9	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6

Matrix: (soil/water) WATER Lab Sample ID: 669544 0.93

Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE076.D

Level: (low/med) LOW Date Received: 9/4/03

% Moisture: decanted: (Y/N) N Date Extracted: 9/9/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.60	3	JB
2.	unknown	3.68	3	JB
3.	unknown	3.74	3	JB
4. 013116-57-9	1-Propene, 1,2,3-trichloro-, (Z)-	4.63	4	JNB
5.	unknown	5.09	6	JB

R ↓

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE077.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		9	U
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		9	U
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		9	U
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		9	U
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		9	U
91-20-3	Naphthalene		9	U
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		9	U
91-57-6	2-Methylnaphthalene		9	U
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		23	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		23	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		9	U
99-09-2	3-Nitroaniline		23	U
51-28-5	2,4-Dinitrophenol		23	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		9	U
100-02-7	4-Nitrophenol		23	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE077.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene	9		U
7005-72-3	4-Chlorophenyl-phenylether	9		U
84-66-2	Diethylphthalate	9		U
100-01-6	4-Nitroaniline	23		U
534-52-1	4,6-Dinitro-2-methylphenol	23		U
86-30-6	N-Nitrosodiphenylamine	9		U
101-55-3	4-Bromophenyl-phenylether	9		U
118-74-1	Hexachlorobenzene	9		U
87-86-5	Pentachlorophenol	23		U
85-01-8	Phenanthrene	9		U
120-12-7	Anthracene	9		U
86-74-8	Carbazole	9		U
84-74-2	Di-n-Butylphthalate	13		B U
206-44-0	Fluoranthene	9		U
129-00-0	Pyrene	9		U
85-68-7	Butyl benzyl phthalate	1		J
91-94-1	3,3'-Dichlorobenzidine	9		U
56-55-3	Benzo(a)Anthracene	9		U
218-01-9	Chrysene	9		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	42		B KB
117-84-0	Di-n-octyl phthalate	9		U
205-99-2	Benzo(b)fluoranthene	9		U
207-08-9	Benzo(k)Fluoranthene	9		U
50-32-8	Benzo(a)Pyrene	9		U
193-39-5	Indeno(1,2,3-cd)Pyrene	9		U
53-70-3	Dibenz(a,h)anthracene	9		U
191-24-2	Benzo(g,h,i)Perylene	9		U
100-52-7	Benzaldehyde	9		U
98-86-2	Acetophenone	9		U
105-60-2	Caprolactam	23		U
92-52-4	Biphenyl	9		U
1912-24-9	Atrazine	9		U
024624-29-1	2-Ethylanthroquinone	9		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE077.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>unknown</u>	<u>3.60</u>	<u>3</u>	<u>JB</u>
2.	<u>unknown</u>	<u>3.68</u>	<u>3</u>	<u>JB</u>
3.	<u>unknown</u>	<u>3.74</u>	<u>4</u>	<u>JB</u>
4.	<u>unknown</u>	<u>4.21</u>	<u>2</u>	<u>J</u>
5.	<u>unknown</u>	<u>5.09</u>	<u>5</u>	<u>JB</u>
6.	<u>unknown</u>	<u>8.76</u>	<u>2</u>	<u>J</u>

R
↓
R

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669974 0.97
 Sample wt/vol: 1030 (g/ml) ML Lab File ID: AE080.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		10	U
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		10	U J
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		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 3	J U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		160 160	E U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		52 52	U
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		24	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		24	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		10	U
99-09-2	3-Nitroaniline		24	U
51-28-5	2,4-Dinitrophenol		24	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
100-02-7	4-Nitrophenol		24	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669974 0.97
 Sample wt/vol: 1030 (g/ml) ML Lab File ID: AE080.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		24	U
534-52-1	4,6-Dinitro-2-methylphenol		24	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		24	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		10 7	JBU
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butyl benzyl phthalate		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		23	u
117-84-0	Di-n-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		24	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U
024624-29-1	2-Ethylanthroquinone		10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-12

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669974 0.97
 Sample wt/vol: 1030 (g/ml) ML Lab File ID: AE080.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 26 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.52	6	J
2.	unknown aromatic hydrocarbon	4.39	11	J
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	4.75	190	JN
4.	unknown aromatic hydrocarbon	4.77	75	J
5. 000135-98-8	Benzene, (1-methylpropyl)-	5.19	3	JN
6. 000135-01-3	Benzene, 1,2-diethyl-	5.51	9	JN
7.	unknown	5.54	22	J
8. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	5.59	25	JN
9. 000141-93-5	Benzene, 1,3-diethyl-	5.62	3	JN
10. 001074-55-1	Benzene, 1-methyl-4-propyl-	5.68	8	JN
11. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	5.76	18	JN
12. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	5.78	11	JN
13. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	5.84	28	JN
14. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	6.03	8	JN
15. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	6.12	16	JN
16. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	6.16	21	JN
17. 000767-58-8	Indan, 1-methyl-	6.47	63	JN
18. 002177-47-1	2-Methylindene	6.54	13	JN
19. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	6.61	6	JN
20. 000095-15-8	Benzo[b]thiophene	6.95	6	JN
21. 056147-63-8	2-Ethyl-2,3-dihydro-1H-indene	7.24	8	JN
22. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	7.39	5	JN
23.	unknown	7.53	4	J
24.	unknown	7.57	4	J
25. 000090-12-0	Naphthalene, 1-methyl-	8.11	30	JN
26.	unknown	8.76	3	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-12 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669974 2.91
 Sample wt/vol: 1030 (g/ml) ML Lab File ID: AE098.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		29	U
111-44-4	bis(-2-Chloroethyl)Ether		29	U
95-57-8	2-Chlorophenol		29	U
541-73-1	1,3-Dichlorobenzene		29	U
106-46-7	1,4-Dichlorobenzene		29	U
95-50-1	1,2-Dichlorobenzene		29	U
108-60-1	2,2'-oxybis(1-Chloropropane)		29	U
95-48-7	2-Methylphenol		29	U
621-24-7	N-Nitroso-Di-n-propylamine		29	U
67-72-1	Hexachloroethane		29	U
106-44-5	4-Methylphenol		29	U
98-95-3	Nitrobenzene		29	U
78-59-1	Isophorone		29	U
88-75-5	2-Nitrophenol		29	U
105-67-9	2,4-Dimethylphenol		4	JD
111-91-1	bis(-2-Chloroethoxy)Methane		29	U
120-83-2	2,4-Dichlorophenol		29	U
120-82-1	1,2,4-Trichlorobenzene		29	U
91-20-3	Naphthalene		160	D
106-47-8	4-Chloroaniline		29	U
87-68-3	Hexachlorobutadiene		29	U
59-50-7	4-Chloro-3-methylphenol		29	U
91-57-6	2-Methylnaphthalene		51	D
77-47-4	Hexachlorocyclopentadiene		29	U
88-06-2	2,4,6-Trichlorophenol		29	U
95-95-4	2,4,5-Trichlorophenol		73	U
91-58-7	2-Chloronaphthalene		29	U
88-74-4	2-Nitroaniline		73	U
208-96-8	Acenaphthylene		29	U
131-11-3	Dimethyl Phthalate		29	U
606-20-2	2,6-Dinitrotoluene		29	U
83-32-9	Acenaphthene		29	U
99-09-2	3-Nitroaniline		73	U
51-28-5	2,4-Dinitrophenol		73	U
132-64-9	Dibenzofuran		29	U
121-14-2	2,4-Dinitrotoluene		29	U
100-02-7	4-Nitrophenol		73	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-12 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669974 2.91
 Sample wt/vol: 1030 (g/ml) ML Lab File ID: AE098.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		29	U
7005-72-3	4-Chlorophenyl-phenylether		29	U
84-66-2	Diethylphthalate		29	U
100-01-6	4-Nitroaniline		73	U
534-52-1	4,6-Dinitro-2-methylphenol		73	U
86-30-6	N-Nitrosodiphenylamine		29	U
101-55-3	4-Bromophenyl-phenylether		29	U
118-74-1	Hexachlorobenzene		29	U
87-86-5	Pentachlorophenol		73	U
85-01-8	Phenanthrene		29	U
120-12-7	Anthracene		29	U
86-74-8	Carbazole		29	U
84-74-2	Di-n-Butylphthalate		6	JBD
206-44-0	Fluoranthene		29	U
129-00-0	Pyrene		29	U
85-68-7	Butyl benzyl phthalate		29	U
91-94-1	3,3'-Dichlorobenzidine		29	U
56-55-3	Benzo(a)Anthracene		29	U
218-01-9	Chrysene		29	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		22	JD
117-84-0	Di-n-octyl phthalate		29	U
205-99-2	Benzo(b)fluoranthene		29	U
207-08-9	Benzo(k)Fluoranthene		29	U
50-32-8	Benzo(a)Pyrene		29	U
193-39-5	Indeno(1,2,3-cd)Pyrene		29	U
53-70-3	Dibenz(a,h)anthracene		29	U
191-24-2	Benzo(g,h,i)Perylene		29	U
100-52-7	Benzaldehyde		29	U
98-86-2	Acetophenone		29	U
105-60-2	Caprolactam		73	U
92-52-4	Biphenyl		29	U
1912-24-9	Atrazine		29	U
024624-29-1	2-Ethylanthroquinone		29	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.
TENTATIVELY IDENTIFIED COMPOUNDS

MW-12 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669974 2.91
 Sample wt/vol: 1030 (g/ml) ML Lab File ID: AE098.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 21 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.52	25	JD
2.	000098-82-8 Benzene, (1-methylethyl)-	4.39	16	JND
3.	000622-96-8 Benzene, 1-ethyl-4-methyl-	4.74	310	JND
4.	000611-14-3 Benzene, 1-ethyl-2-methyl-	4.76	110	JND
5.	unknown	5.10	6	JD B
6.	000141-93-5 Benzene, 1,3-diethyl-	5.51	11	JND
7.	001074-43-7 Benzene, 1-methyl-3-propyl-	5.54	27	JND
8.	000934-80-5 Benzene, 4-ethyl-1,2-dimethyl-	5.59	33	JND
9.	001074-17-5 Benzene, 1-methyl-2-propyl-	5.68	7	JND
10.	000934-80-5 Benzene, 4-ethyl-1,2-dimethyl-	5.76	26	JND
11.	000535-77-3 Benzene, 1-methyl-3-(1-methylet	5.78	15	JND
12.	000527-84-4 Benzene, 1-methyl-2-(1-methylet	5.84	38	JND
13.	000933-98-2 Benzene, 1-ethyl-2,3-dimethyl-	6.03	10	JND
14.	000095-93-2 Benzene, 1,2,4,5-tetramethyl-	6.12	20	JND
15.	000488-23-3 Benzene, 1,2,3,4-tetramethyl-	6.16	27	JND
16.	000767-58-8 Indan, 1-methyl-	6.47	75	JND
17.	002177-47-1 2-Methylindene	6.54	16	JND
18.	000119-64-2 Naphthalene, 1,2,3,4-tetrahydro-	6.61	7	JND
19.	000095-15-8 Benzo[b]thiophene	6.95	8	JND
20.	004489-84-3 Benzene, (3-methyl-2-butenyl)-	7.24	6	JND
21.	000090-12-0 Naphthalene, 1-methyl-	8.11	34	JND

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE081.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		9	U
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		9	U
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		9	U
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		9	U J
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		6	J
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		9	U
91-20-3	Naphthalene		11	
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		9	U
91-57-6	2-Methylnaphthalene		1.0	J
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		24	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		24	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		9	U
99-09-2	3-Nitroaniline		24	U
51-28-5	2,4-Dinitrophenol		24	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		9	U
100-02-7	4-Nitrophenol		24	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE081.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		24	U
534-52-1	4,6-Dinitro-2-methylphenol		24	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		24	U
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate		9.6	JB U
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		9	U
85-68-7	Butyl benzyl phthalate		9	U
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		140	U
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		10	
105-60-2	Caprolactam		24	U
92-52-4	Biphenyl		9	U
1912-24-9	Atrazine		9	U
024624-29-1	2-Ethylanthroquinone		9	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6

Matrix: (soil/water) WATER Lab Sample ID: 669975 0.94

Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE081.D

Level: (low/med) LOW Date Received: 9/5/03

% Moisture: _____ decanted: (Y/N) N Date Extracted: 9/9/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 27 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.38	7	J
2.	unknown	3.46	4	J
3.	unknown alcohol	3.52	7	J
4.	unknown	3.59	5	J
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	4.73	21	JN
6.	unknown aromatic hydrocarbon	4.76	13	J
7.	unknown	5.08	6	J 6 <i>12</i>
8. 000135-01-3	Benzene, 1,2-diethyl-	5.50	4	JN
9. 001074-17-5	Benzene, 1-methyl-2-propyl-	5.53	4	JN
10. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	5.57	4	JN
11. 001517-69-7	Benzenemethanol, .alpha.-methyl	5.64	6	JN
12. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	5.77	4	JN
13. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	5.83	10	JN
14. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	6.11	4	JN
15. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	6.15	6	JN
16. 000589-18-4	Benzenemethanol, 4-methyl-	6.29	7	JN
17. 000767-58-8	Indan, 1-methyl-	6.46	14	JN
18. 000585-74-0	Ethanone, 1-(3-methylphenyl)-	6.66	4	JN
19. 001687-64-5	Phenol, 2-ethyl-6-methyl-	7.10	5	JN
20. 001687-61-2	Phenol, 2-ethyl-5-methyl-	7.20	4	JN
21.	unknown	7.23	5	J
22. 027129-87-9	Benzenemethanol, 3,5-dimethyl-	7.45	23	JN
23. 000083-33-0	1H-Inden-1-one, 2,3-dihydro-	7.77	8	JN
24. 000090-12-0	Naphthalene, 1-methyl-	8.09	5	JN
25.	unknown acid	8.19	4	J
26. 000499-06-9	Benzoic acid, 3,5-dimethyl-	8.75	8	JN
27.	unknown	9.10	4	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 2.83
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE099.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		28	U
111-44-4	bis(-2-Chloroethyl)Ether		28	U
95-57-8	2-Chlorophenol		28	U
541-73-1	1,3-Dichlorobenzene		28	U
106-46-7	1,4-Dichlorobenzene		28	U
95-50-1	1,2-Dichlorobenzene		28	U
108-60-1	2,2'-oxybis(1-Chloropropane)		28	U
95-48-7	2-Methylphenol		28	U
621-24-7	N-Nitroso-Di-n-propylamine		28	U
67-72-1	Hexachloroethane		28	U
106-44-5	4-Methylphenol		28	U
98-95-3	Nitrobenzene		28	U
78-59-1	Isophorone		28	U
88-75-5	2-Nitrophenol		28	U
105-67-9	2,4-Dimethylphenol		6	JD
111-91-1	bis(-2-Chloroethoxy)Methane		28	U
120-83-2	2,4-Dichlorophenol		28	U
120-82-1	1,2,4-Trichlorobenzene		28	U
91-20-3	Naphthalene		10	JD
106-47-8	4-Chloroaniline		28	U
87-68-3	Hexachlorobutadiene		28	U
59-50-7	4-Chloro-3-methylphenol		28	U
91-57-6	2-Methylnaphthalene		28	U
77-47-4	Hexachlorocyclopentadiene		28	U
88-06-2	2,4,6-Trichlorophenol		28	U
95-95-4	2,4,5-Trichlorophenol		71	U
91-58-7	2-Chloronaphthalene		28	U
88-74-4	2-Nitroaniline		71	U
208-96-8	Acenaphthylene		28	U
131-11-3	Dimethyl Phthalate		28	U
606-20-2	2,6-Dinitrotoluene		28	U
83-32-9	Acenaphthene		28	U
99-09-2	3-Nitroaniline		71	U
51-28-5	2,4-Dinitrophenol		71	U
132-64-9	Dibenzofuran		28	U
121-14-2	2,4-Dinitrotoluene		28	U
100-02-7	4-Nitrophenol		71	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 2.83
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE099.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
86-73-7	Fluorene	28	U
7005-72-3	4-Chlorophenyl-phenylether	28	U
84-66-2	Diethylphthalate	28	U
100-01-6	4-Nitroaniline	71	U
534-52-1	4,6-Dinitro-2-methylphenol	71	U
86-30-6	N-Nitrosodiphenylamine	28	U
101-55-3	4-Bromophenyl-phenylether	28	U
118-74-1	Hexachlorobenzene	28	U
87-86-5	Pentachlorophenol	71	U
85-01-8	Phenanthrene	28	U
120-12-7	Anthracene	28	U
86-74-8	Carbazole	28	U
84-74-2	Di-n-Butylphthalate	5	JBD
206-44-0	Fluoranthene	28	U
129-00-0	Pyrene	28	U
85-68-7	Butyl benzyl phthalate	28	U
91-94-1	3,3'-Dichlorobenzidine	28	U
56-55-3	Benzo(a)Anthracene	28	U
218-01-9	Chrysene	28	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	140	D
117-84-0	Di-n-octyl phthalate	28	U
205-99-2	Benzo(b)fluoranthene	28	U
207-08-9	Benzo(k)Fluoranthene	28	U
50-32-8	Benzo(a)Pyrene	28	U
193-39-5	Indeno(1,2,3-cd)Pyrene	28	U
53-70-3	Dibenz(a,h)anthracene	28	U
191-24-2	Benzo(g,h,i)Perylene	28	U
100-52-7	Benzaldehyde	28	U
98-86-2	Acetophenone	10	JD
105-60-2	Caprolactam	71	U
92-52-4	Biphenyl	28	U
1912-24-9	Atrazine	28	U
024624-29-1	2-Ethylanthroquinone	28	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669975 2.83
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE099.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.54	9	JD
2. 000611-14-3	Benzene, 1-ethyl-2-methyl-	4.74	24	JND
3. 000622-96-8	Benzene, 1-ethyl-4-methyl-	4.77	13	JND
4.	unknown aromatic hydrocarbon	4.91	33	JD
5. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	5.84	11	JND
6. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	6.16	7	JND
7. 000589-18-4	Benzenemethanol, 4-methyl-	6.31	7	JND
8. 000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	6.47	16	JND
9. 001687-61-2	Phenol, 2-ethyl-5-methyl-	7.22	7	JND
10. 027129-87-9	Benzenemethanol, 3,5-dimethyl-	7.47	24	JND
11. 000083-33-0	1H-Inden-1-one, 2,3-dihydro-	7.79	8	JND
12. 000090-12-0	Naphthalene, 1-methyl-	8.11	6	JND

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669976 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE082.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		9	U
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		9	U
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		9	U
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		9	U J
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9 9	U U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		9	U
91-20-3	Naphthalene		160 9	U U
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		9	U
91-57-6	2-Methylnaphthalene		52 9	U U
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		24	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		24	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		9	U
99-09-2	3-Nitroaniline		24	U
51-28-5	2,4-Dinitrophenol		24	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		9	U
100-02-7	4-Nitrophenol		24	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669976 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE082.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		24	U
534-52-1	4,6-Dinitro-2-methylphenol		24	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		24	U
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate		9.5	JB U
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		9	U
85-68-7	Butyl benzyl phthalate		9	U
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		9.3	JB U
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		9	U
105-60-2	Caprolactam		24	U
92-52-4	Biphenyl		9	U
1912-24-9	Atrazine		9	U
024624-29-1	2-Ethylanthroquinone		9	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-10

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669976 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE082.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.60	3	JB
2.	unknown	3.68	2	JB
3.	unknown	3.74	4	JB
4.	unknown	5.09	6	JB

R
↓

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE083.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		7	J
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		9	U
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		9	U
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		9	U J
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		9	U
91-20-3	Naphthalene		14	
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		9	U
91-57-6	2-Methylnaphthalene		2	J
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		24	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		24	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		9	U
99-09-2	3-Nitroaniline		24	U
51-28-5	2,4-Dinitrophenol		24	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		9	U
100-02-7	4-Nitrophenol		24	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE083.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		24	U
534-52-1	4,6-Dinitro-2-methylphenol		24	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		24	U
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate		10	U U
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		9	U
85-68-7	Butyl benzyl phthalate		9	U
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	85	78	E
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		9	U
105-60-2	Caprolactam		24	U
92-52-4	Biphenyl		9	U
1912-24-9	Atrazine		9	U
024624-29-1	2-Ethylanthroquinone		9	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE083.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 26 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.53	4	J
2.	unknown	3.60	3	J B
3.	unknown	3.67	2	J B
4.	unknown	4.20	3	J
5.	000098-82-8 Benzene, (1-methylethyl)-	4.39	3	JN
6.	000611-14-3 Benzene, 1-ethyl-2-methyl-	4.74	21	JN
7.	unknown aromatic hydrocarbon	4.76	17	J
8.	unknown	5.09	8	J
9.	000141-93-5 Benzene, 1,3-diethyl-	5.51	4	JN
10.	000095-13-6 Indene	5.54	7	JN
11.	000105-05-5 Benzene, 1,4-diethyl-	5.59	4	JN
12.	001758-88-9 Benzene, 2-ethyl-1,4-dimethyl-	5.76	6	JN
13.	000488-23-3 Benzene, 1,2,3,4-tetramethyl-	5.78	2	JN
14.	000934-80-5 Benzene, 4-ethyl-1,2-dimethyl-	5.84	13	JN
15.	000099-87-6 Benzene, 1-methyl-4-(1-methylethyl)-	6.03	2	JN
16.	000095-93-2 Benzene, 1,2,4,5-tetramethyl-	6.12	4	JN
17.	000488-23-3 Benzene, 1,2,3,4-tetramethyl-	6.16	5	JN
18.	000874-35-1 1H-Indene, 2,3-dihydro-5-methyl-	6.37	8	JN
19.	000767-58-8 Indan, 1-methyl-	6.47	21	JN
20.	002177-47-1 2-Methylindene	6.54	4	JN
21.	unknown	6.72	2	J
22.	000095-15-8 Benzo[b]thiophene	6.95	3	JN
23.	000090-12-0 Naphthalene, 1-methyl-	8.11	6	JN
24.	000492-37-5 Benzeneacetic acid, .alpha.-meth	8.15	5	JN
25.	unknown acid	8.20	3	J
26.	006331-04-0 Acetic acid, (2,4-xylyl)-	9.39	3	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 1.89
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE100.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		8	JD
111-44-4	bis(-2-Chloroethyl)Ether		19	U
95-57-8	2-Chlorophenol		19	U
541-73-1	1,3-Dichlorobenzene		19	U
106-46-7	1,4-Dichlorobenzene		19	U
95-50-1	1,2-Dichlorobenzene		19	U
108-60-1	2,2'-oxybis(1-Chloropropane)		19	U
95-48-7	2-Methylphenol		19	U
621-24-7	N-Nitroso-Di-n-propylamine		19	U
67-72-1	Hexachloroethane		19	U
106-44-5	4-Methylphenol		19	U
98-95-3	Nitrobenzene		19	U
78-59-1	Isophorone		19	U
88-75-5	2-Nitrophenol		19	U
105-67-9	2,4-Dimethylphenol		19	U
111-91-1	bis(-2-Chloroethoxy)Methane		19	U
120-83-2	2,4-Dichlorophenol		19	U
120-82-1	1,2,4-Trichlorobenzene		19	U
91-20-3	Naphthalene		15	JD
106-47-8	4-Chloroaniline		19	U
87-68-3	Hexachlorobutadiene		19	U
59-50-7	4-Chloro-3-methylphenol		19	U
91-57-6	2-Methylnaphthalene		19	U
77-47-4	Hexachlorocyclopentadiene		19	U
88-06-2	2,4,6-Trichlorophenol		19	U
95-95-4	2,4,5-Trichlorophenol		47	U
91-58-7	2-Chloronaphthalene		19	U
88-74-4	2-Nitroaniline		47	U
208-96-8	Acenaphthylene		19	U
131-11-3	Dimethyl Phthalate		19	U
606-20-2	2,6-Dinitrotoluene		19	U
83-32-9	Acenaphthene		19	U
99-09-2	3-Nitroaniline		47	U
51-28-5	2,4-Dinitrophenol		47	U
132-64-9	Dibenzofuran		19	U
121-14-2	2,4-Dinitrotoluene		19	U
100-02-7	4-Nitrophenol		47	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-11 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 1.89
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE100.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		19	U
7005-72-3	4-Chlorophenyl-phenylether		19	U
84-66-2	Diethylphthalate		19	U
100-01-6	4-Nitroaniline		47	U
534-52-1	4,6-Dinitro-2-methylphenol		47	U
86-30-6	N-Nitrosodiphenylamine		19	U
101-55-3	4-Bromophenyl-phenylether		19	U
118-74-1	Hexachlorobenzene		19	U
87-86-5	Pentachlorophenol		47	U
85-01-8	Phenanthrene		19	U
120-12-7	Anthracene		19	U
86-74-8	Carbazole		19	U
84-74-2	Di-n-Butylphthalate		11	JBD
206-44-0	Fluoranthene		19	U
129-00-0	Pyrene		19	U
85-68-7	Butyl benzyl phthalate		19	U
91-94-1	3,3'-Dichlorobenzidine		19	U
56-55-3	Benzo(a)Anthracene		19	U
218-01-9	Chrysene		19	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		85	D
117-84-0	Di-n-octyl phthalate		19	U
205-99-2	Benzo(b)fluoranthene		19	U
207-08-9	Benzo(k)Fluoranthene		19	U
50-32-8	Benzo(a)Pyrene		19	U
193-39-5	Indeno(1,2,3-cd)Pyrene		19	U
53-70-3	Dibenz(a,h)anthracene		19	U
191-24-2	Benzo(g,h,i)Perylene		19	U
100-52-7	Benzaldehyde		19	U
98-86-2	Acetophenone		19	U
105-60-2	Caprolactam		47	U
92-52-4	Biphenyl		19	U
1912-24-9	Atrazine		19	U
024624-29-1	2-Ethylanthroquinone		19	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-11 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669977 1.89
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AE100.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.39	4	JD
2.	unknown	3.53	10	JD
3.	unknown	3.60	4	JD B
4. 000098-82-8	Benzene, (1-methylethyl)-	4.39	4	JND
5. 000611-14-3	Benzene, 1-ethyl-2-methyl-	4.74	23	JND
6. 000620-14-4	Benzene, 1-ethyl-3-methyl-	4.77	20	JND
7.	unknown	5.10	7	JD
8. 000141-93-5	Benzene, 1,3-diethyl-	5.51	4	JND
9. 000673-32-5	Benzene, 1-propynyl-	5.55	7	JND
10. 000141-93-5	Benzene, 1,3-diethyl-	5.59	4	JND
11. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	5.76	7	JND
12. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	5.84	14	JND
13. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	6.12	5	JND
14. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	6.16	5	JND
15. 000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	6.37	10	JND
16. 000767-58-8	Indan, 1-methyl-	6.47	23	JND
17. 000622-76-4	Benzene, 1-butynyl-	6.54	4	JND
18. 000090-12-0	Napthalene, 1-methyl-	8.11	6	JND

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE084.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		9	U
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		9	U
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		9	U
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		9	U J
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		9	U
91-20-3	Naphthalene	330	290	E
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		9	U
91-57-6	2-Methylnaphthalene		140	E
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		23	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		23	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		9	U
99-09-2	3-Nitroaniline		23	U
51-28-5	2,4-Dinitrophenol		23	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		9	U
100-02-7	4-Nitrophenol		23	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE084.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		23	U
534-52-1	4,6-Dinitro-2-methylphenol		23	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		23	U
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate		97	JB U
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		9	U
85-68-7	Butyl benzyl phthalate		9	U
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		46	
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		9	U
105-60-2	Caprolactam		23	U
92-52-4	Biphenyl		1	J
1912-24-9	Atrazine		9	U
024624-29-1	2-Ethylanthroquinone		9	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE084.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 24 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.51	19	J
2. 000098-82-8	Benzene, (1-methylethyl)-	4.39	18	JN
3. 000611-14-3	Benzene, 1-ethyl-2-methyl-	4.76	340	JN
4.	unknown aromatic hydrocarbon	4.78	100	J
5. 000141-93-5	Benzene, 1,3-diethyl-	5.51	17	JN
6.	unknown	5.54	42	J
7. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	5.59	54	JN
8. 001074-55-1	Benzene, 1-methyl-4-propyl-	5.68	10	JN
9. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	5.76	34	JN
10. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	5.79	25	JN
11. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	5.84	57	JN
12. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	6.03	16	JN
13. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	6.12	36	JN
14. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	6.16	50	JN
15. 000767-58-8	Indan, 1-methyl-	6.38	57	JN
16. 002234-20-0	2,4-Dimethylstyrene	6.47	130	JN
17. 002177-47-1	2-Methylindene	6.54	31	JN
18. 000119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	6.61	13	JN
19. 000095-15-8	Benzo[b]thiophene	6.95	13	JN
20.	unknown	7.24	13	J
21. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimet	7.39	11	JN
22.	unknown	7.52	11	J
23.	unknown	7.57	11	J
24. 000090-12-0	Naphthalene, 1-methyl-	8.11	74	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 4.67
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE101.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		47	U
111-44-4	bis(-2-Chloroethyl)Ether		47	U
95-57-8	2-Chlorophenol		47	U
541-73-1	1,3-Dichlorobenzene		47	U
106-46-7	1,4-Dichlorobenzene		47	U
95-50-1	1,2-Dichlorobenzene		47	U
108-60-1	2,2'-oxybis(1-Chloropropane)		47	U
95-48-7	2-Methylphenol		47	U
621-24-7	N-Nitroso-Di-n-propylamine		47	U
67-72-1	Hexachloroethane		47	U
106-44-5	4-Methylphenol		47	U
98-95-3	Nitrobenzene		47	U
78-59-1	Isophorone		47	U
88-75-5	2-Nitrophenol		47	U
105-67-9	2,4-Dimethylphenol		47	U
111-91-1	bis(-2-Chloroethoxy)Methane		47	U
120-83-2	2,4-Dichlorophenol		47	U
120-82-1	1,2,4-Trichlorobenzene		47	U
91-20-3	Naphthalene		330	D
106-47-8	4-Chloroaniline		47	U
87-68-3	Hexachlorobutadiene		47	U
59-50-7	4-Chloro-3-methylphenol		47	U
91-57-6	2-Methylnaphthalene		140	D
77-47-4	Hexachlorocyclopentadiene		47	U
88-06-2	2,4,6-Trichlorophenol		47	U
95-95-4	2,4,5-Trichlorophenol		120	U
91-58-7	2-Chloronaphthalene		47	U
88-74-4	2-Nitroaniline		120	U
208-96-8	Acenaphthylene		47	U
131-11-3	Dimethyl Phthalate		47	U
606-20-2	2,6-Dinitrotoluene		47	U
83-32-9	Acenaphthene		47	U
99-09-2	3-Nitroaniline		120	U
51-28-5	2,4-Dinitrophenol		120	U
132-64-9	Dibenzofuran		47	U
121-14-2	2,4-Dinitrotoluene		47	U
100-02-7	4-Nitrophenol		120	U

67

668
 CT
 10-28-03

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 4.67
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE101.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		47	U
7005-72-3	4-Chlorophenyl-phenylether		47	U
84-66-2	Diethylphthalate		47	U
100-01-6	4-Nitroaniline		120	U
534-52-1	4,6-Dinitro-2-methylphenol		120	U
86-30-6	N-Nitrosodiphenylamine		47	U
101-55-3	4-Bromophenyl-phenylether		47	U
118-74-1	Hexachlorobenzene		47	U
87-86-5	Pentachlorophenol		120	U
85-01-8	Phenanthrene		47	U
120-12-7	Anthracene		47	U
86-74-8	Carbazole		47	U
84-74-2	Di-n-Butylphthalate		6	JBD
206-44-0	Fluoranthene		47	U
129-00-0	Pyrene		47	U
85-68-7	Butyl benzyl phthalate		47	U
91-94-1	3,3'-Dichlorobenzidine		47	U
56-55-3	Benzo(a)Anthracene		47	U
218-01-9	Chrysene		47	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		45	JD
117-84-0	Di-n-octyl phthalate		47	U
205-99-2	Benzo(b)fluoranthene		47	U
207-08-9	Benzo(k)Fluoranthene		47	U
50-32-8	Benzo(a)Pyrene		47	U
193-39-5	Indeno(1,2,3-cd)Pyrene		47	U
53-70-3	Dibenz(a,h)anthracene		47	U
191-24-2	Benzo(g,h,i)Perylene		47	U
100-52-7	Benzaldehyde		47	U
98-86-2	Acetophenone		47	U
105-60-2	Caprolactam		120	U
92-52-4	Biphenyl		47	U
1912-24-9	Atrazine		47	U
024624-29-1	2-Ethylanthroquinone		47	U

68

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669978 4.67
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE101.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.38	16	JD
2.	unknown	3.52	75	JD
3.	000098-82-8 Benzene, (1-methylethyl)-	4.39	27	JND
4.	000611-14-3 Benzene, 1-ethyl-2-methyl-	4.74	610	JND
5.	unknown aromatic hydrocarbon	4.76	220	JD
6.	000135-01-3 Benzene, 1,2-diethyl-	5.51	24	JND
7.	unknown	5.54	60	JD
8.	001758-88-9 Benzene, 2-ethyl-1,4-dimethyl-	5.58	78	JND
9.	001074-17-5 Benzene, 1-methyl-2-propyl-	5.68	15	JND
10.	000934-80-5 Benzene, 4-ethyl-1,2-dimethyl-	5.76	46	JND
11.	000099-87-6 Benzene, 1-methyl-4-(1-methylet	5.78	37	JND
12.	000527-84-4 Benzene, 1-methyl-2-(1-methylet	5.84	81	JND
13.	000933-98-2 Benzene, 1-ethyl-2,3-dimethyl-	6.03	20	JND
14.	000095-93-2 Benzene, 1,2,4,5-tetramethyl-	6.12	40	JND
15.	000488-23-3 Benzene, 1,2,3,4-tetramethyl-	6.16	58	JND
16.	000767-58-8 Indan, 1-methyl-	6.37	63	JND
17.	002234-20-0 2,4-Dimethylstyrene	6.47	150	JND
18.	000767-59-9 1H-Indene, 1-methyl-	6.54	31	JND
19.	000119-64-2 Naphthalene, 1,2,3,4-tetrahydro-	6.61	13	JND
20.	000095-15-8 Benzo[b]thiophene	6.95	15	JND
21.	056147-63-8 2-Ethyl-2,3-dihydro-1H-indene	7.24	16	JND
22.	006682-71-9 1H-Indene, 2,3-dihydro-4,7-dimet	7.40	12	JND
23.	unknown	7.53	13	JD
24.	unknown	7.58	11	JD
25.	000090-12-0 Naphthalene, 1-methyl-	8.11	77	JND

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10 DUP

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 0.96
 Sample wt/vol: 1040 (g/ml) ML Lab File ID: AE085.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		1	J
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		10	U J
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		150	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		48	
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		24	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		24	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		10	U
99-09-2	3-Nitroaniline		24	U
51-28-5	2,4-Dinitrophenol		24	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
100-02-7	4-Nitrophenol		24	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10 DUP

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 0.96
 Sample wt/vol: 1040 (g/ml) ML Lab File ID: AE085.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		24	U
534-52-1	4,6-Dinitro-2-methylphenol		24	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		24	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		10 8	U U
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butyl benzyl phthalate		1	J
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		35	
117-84-0	Di-n-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		24	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U
024624-29-1	2-Ethylanthroquinone		10	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-10 DUP

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 0.96
 Sample wt/vol: 1040 (g/ml) ML Lab File ID: AE085.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 24 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown alcohol	3.52	10	J
2.	000098-82-8 Benzene, (1-methylethyl)-	4.39	11	JN
3.	000622-96-8 Benzene, 1-ethyl-4-methyl-	4.75	210	JN
4.	000611-14-3 Benzene, 1-ethyl-2-methyl-	4.77	64	JN
5.	000135-01-3 Benzene, 1,2-diethyl-	5.51	8	JN
6.	unknown	5.54	21	J
7.	001758-88-9 Benzene, 2-ethyl-1,4-dimethyl-	5.59	24	JN
8.	001074-17-5 Benzene, 1-methyl-2-propyl-	5.68	4	JN
9.	002870-04-4 Benzene, 2-ethyl-1,3-dimethyl-	5.76	18	JN
10.	000874-41-9 Benzene, 1-ethyl-2,4-dimethyl-	5.78	10	JN
11.	000933-98-2 Benzene, 1-ethyl-2,3-dimethyl-	5.84	28	JN
12.	000934-80-5 Benzene, 4-ethyl-1,2-dimethyl-	6.03	8	JN
13.	000095-93-2 Benzene, 1,2,4,5-tetramethyl-	6.12	15	JN
14.	000099-87-6 Benzene, 1-methyl-4-(1-methylet	6.16	20	JN
15.	000824-22-6 1H-Indene, 2,3-dihydro-4-methyl-	6.37	25	JN
16.	000767-58-8 Indan, 1-methyl-	6.47	56	JN
17.	002177-47-1 2-Methylindene	6.54	11	JN
18.	000119-64-2 Naphthalene, 1,2,3,4-tetrahydro-	6.61	4	JN
19.	000270-82-6 Benzo[c]thiophene	6.95	6	JN
20.	056147-63-8 2-Ethyl-2,3-dihydro-1H-indene	7.24	5	JN
21.	006682-71-9 1H-Indene, 2,3-dihydro-4,7-dimet	7.39	4	JN
22.	unknown	7.52	4	J
23.	unknown	7.57	4	J
24.	000090-12-0 Naphthalene, 1-methyl-	8.11	28	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10 DUP DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 2.88
 Sample wt/vol: 1040 (g/ml) ML Lab File ID: AE102.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		29	U
111-44-4	bis(-2-Chloroethyl)Ether		29	U
95-57-8	2-Chlorophenol		29	U
541-73-1	1,3-Dichlorobenzene		29	U
106-46-7	1,4-Dichlorobenzene		29	U
95-50-1	1,2-Dichlorobenzene		29	U
108-60-1	2,2'-oxybis(1-Chloropropane)		29	U
95-48-7	2-Methylphenol		29	U
621-24-7	N-Nitroso-Di-n-propylamine		29	U
67-72-1	Hexachloroethane		29	U
106-44-5	4-Methylphenol		29	U
98-95-3	Nitrobenzene		29	U
78-59-1	Isophorone		29	U
88-75-5	2-Nitrophenol		29	U
105-67-9	2,4-Dimethylphenol		29	U
111-91-1	bis(-2-Chloroethoxy)Methane		29	U
120-83-2	2,4-Dichlorophenol		29	U
120-82-1	1,2,4-Trichlorobenzene		29	U
91-20-3	Naphthalene		150	D
106-47-8	4-Chloroaniline		29	U
87-68-3	Hexachlorobutadiene		29	U
59-50-7	4-Chloro-3-methylphenol		29	U
91-57-6	2-Methylnaphthalene		47	D
77-47-4	Hexachlorocyclopentadiene		29	U
88-06-2	2,4,6-Trichlorophenol		29	U
95-95-4	2,4,5-Trichlorophenol		72	U
91-58-7	2-Chloronaphthalene		29	U
88-74-4	2-Nitroaniline		72	U
208-96-8	Acenaphthylene		29	U
131-11-3	Dimethyl Phthalate		29	U
606-20-2	2,6-Dinitrotoluene		29	U
83-32-9	Acenaphthene		29	U
99-09-2	3-Nitroaniline		72	U
51-28-5	2,4-Dinitrophenol		72	U
132-64-9	Dibenzofuran		29	U
121-14-2	2,4-Dinitrotoluene		29	U
100-02-7	4-Nitrophenol		72	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-10 DUP DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 2.88
 Sample wt/vol: 1040 (g/ml) ML Lab File ID: AE102.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		29	U
7005-72-3	4-Chlorophenyl-phenylether		29	U
84-66-2	Diethylphthalate		29	U
100-01-6	4-Nitroaniline		72	U
534-52-1	4,6-Dinitro-2-methylphenol		72	U
86-30-6	N-Nitrosodiphenylamine		29	U
101-55-3	4-Bromophenyl-phenylether		29	U
118-74-1	Hexachlorobenzene		29	U
87-86-5	Pentachlorophenol		72	U
85-01-8	Phenanthrene		29	U
120-12-7	Anthracene		29	U
86-74-8	Carbazole		29	U
84-74-2	Di-n-Butylphthalate		7	JBD
206-44-0	Fluoranthene		29	U
129-00-0	Pyrene		29	U
85-68-7	Butyl benzyl phthalate		29	U
91-94-1	3,3'-Dichlorobenzidine		29	U
56-55-3	Benzo(a)Anthracene		29	U
218-01-9	Chrysene		29	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		34	D
117-84-0	Di-n-octyl phthalate		29	U
205-99-2	Benzo(b)fluoranthene		29	U
207-08-9	Benzo(k)Fluoranthene		29	U
50-32-8	Benzo(a)Pyrene		29	U
193-39-5	Indeno(1,2,3-cd)Pyrene		29	U
53-70-3	Dibenz(a,h)anthracene		29	U
191-24-2	Benzo(g,h,i)Perylene		29	U
100-52-7	Benzaldehyde		29	U
98-86-2	Acetophenone		29	U
105-60-2	Caprolactam		72	U
92-52-4	Biphenyl		29	U
1912-24-9	Atrazine		29	U
024624-29-1	2-Ethylanthroquinone		29	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-10 DUP DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 669979 2.88
 Sample wt/vol: 1040 (g/ml) ML Lab File ID: AE102.D
 Level: (low/med) LOW Date Received: 9/5/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 3.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.52	18	JD
2.	000098-82-8 Benzene, (1-methylethyl)-	4.39	15	JND
3.	000620-14-4 Benzene, 1-ethyl-3-methyl-	4.74	300	JND
4.	000622-96-8 Benzene, 1-ethyl-4-methyl-	4.76	99	JND
5.	000135-01-3 Benzene, 1,2-diethyl-	5.51	12	JND
6.	unknown	5.54	28	JD
7.	001758-88-9 Benzene, 2-ethyl-1,4-dimethyl-	5.59	32	JND
8.	000135-98-8 Benzene, (1-methylpropyl)-	5.68	7	JND
9.	002870-04-4 Benzene, 2-ethyl-1,3-dimethyl-	5.76	22	JND
10.	000934-80-5 Benzene, 4-ethyl-1,2-dimethyl-	5.78	16	JND
11.	000933-98-2 Benzene, 1-ethyl-2,3-dimethyl-	5.84	35	JND
12.	000527-84-4 Benzene, 1-methyl-2-(1-methylethyl)-	6.03	11	JND
13.	000095-93-2 Benzene, 1,2,4,5-tetramethyl-	6.12	18	JND
14.	000488-23-3 Benzene, 1,2,3,4-tetramethyl-	6.16	24	JND
15.	000767-58-8 Indan, 1-methyl-	6.37	29	JND
16.	unknown aromatic hydrocarbon	6.46	67	JD
17.	065051-83-4 Benzene, (1-methyl-2-cyclopropyl)-	6.54	15	JND
18.	000119-64-2 Naphthalene, 1,2,3,4-tetrahydro-	6.61	6	JND
19.	000095-15-8 Benzo[b]thiophene	6.95	7	JND
20.	000090-12-0 Naphthalene, 1-methyl-	8.11	31	JND

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 670299 5.71
 Sample wt/vol: 1050 (g/ml) ML Lab File ID: AE103.D
 Level: (low/med) LOW Date Received: 9/8/03
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2	Phenol	10	J
111-44-4	bis(-2-Chloroethyl)Ether	57	U
95-57-8	2-Chlorophenol	57	U
541-73-1	1,3-Dichlorobenzene	57	U
106-46-7	1,4-Dichlorobenzene	57	U
95-50-1	1,2-Dichlorobenzene	57	U
108-60-1	2,2'-oxybis(1-Chloropropane)	57	U
95-48-7	2-Methylphenol	57	U
621-24-7	N-Nitroso-Di-n-propylamine	57	U J
67-72-1	Hexachloroethane	57	U
106-44-5	4-Methylphenol	57	U
98-95-3	Nitrobenzene	57	U
78-59-1	Isophorone	57	U
88-75-5	2-Nitrophenol	57	U
105-67-9	2,4-Dimethylphenol	57	U
111-91-1	bis(-2-Chloroethoxy)Methane	57	U
120-83-2	2,4-Dichlorophenol	57	U
120-82-1	1,2,4-Trichlorobenzene	57	U
91-20-3	Naphthalene	370	
106-47-8	4-Chloroaniline	57	U
87-68-3	Hexachlorobutadiene	57	U
59-50-7	4-Chloro-3-methylphenol	57	U
91-57-6	2-Methylnaphthalene	120	
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	57	U
95-95-4	2,4,5-Trichlorophenol	140	U
91-58-7	2-Chloronaphthalene	57	U
88-74-4	2-Nitroaniline	140	U
208-96-8	Acenaphthylene	57	U
131-11-3	Dimethyl Phthalate	57	U
606-20-2	2,6-Dinitrotoluene	57	U
83-32-9	Acenaphthene	57	U
99-09-2	3-Nitroaniline	140	U
51-28-5	2,4-Dinitrophenol	140	U J
132-64-9	Dibenzofuran	57	U
121-14-2	2,4-Dinitrotoluene	57	U
100-02-7	4-Nitrophenol	140	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 670299 5.71
 Sample wt/vol: 1050 (g/ml) ML Lab File ID: AE103.D
 Level: (low/med) LOW Date Received: 9/8/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		57	U
7005-72-3	4-Chlorophenyl-phenylether		57	U
84-66-2	Diethylphthalate		57	U
100-01-6	4-Nitroaniline		140	U
534-52-1	4,6-Dinitro-2-methylphenol		140	U
86-30-6	N-Nitrosodiphenylamine		57	U
101-55-3	4-Bromophenyl-phenylether		57	U
118-74-1	Hexachlorobenzene		57	U
87-86-5	Pentachlorophenol		140	U
85-01-8	Phenanthrene		57	U
120-12-7	Anthracene		57	U
86-74-8	Carbazole		57	U
84-74-2	Di-n-Butylphthalate		57	U
206-44-0	Fluoranthene		57	U
129-00-0	Pyrene		57	U
85-68-7	Butyl benzyl phthalate		57	U
91-94-1	3,3'-Dichlorobenzidine		57	U
56-55-3	Benzo(a)Anthracene		57	U
218-01-9	Chrysene		57	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		57	U
117-84-0	Di-n-octyl phthalate		57	U
205-99-2	Benzo(b)fluoranthene		57	U
207-08-9	Benzo(k)Fluoranthene		57	U
50-32-8	Benzo(a)Pyrene		57	U
193-39-5	Indeno(1,2,3-cd)Pyrene		57	U
53-70-3	Dibenz(a,h)anthracene		57	U
191-24-2	Benzo(g,h,i)Perylene		57	U
100-52-7	Benzaldehyde		57	U
98-86-2	Acetophenone		57	U
105-60-2	Caprolactam		140	U
92-52-4	Biphenyl		57	U
1912-24-9	Atrazine		57	U
024624-29-1	2-Ethylanthroquinone		57	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-7

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 670299 5.71
 Sample wt/vol: 1050 (g/ml) ML Lab File ID: AE103.D
 Level: (low/med) LOW Date Received: 9/8/03
 % Moisture: decanted: (Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/17/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.51	32	J
2.	000098-82-8 Benzene, (1-methylethyl)-	4.38	50	JN
3.	000622-96-8 Benzene, 1-ethyl-4-methyl-	4.73	670	JN
4.	000611-14-3 Benzene, 1-ethyl-2-methyl-	4.76	220	JN
5.	000135-01-3 Benzene, 1,2-diethyl-	5.50	29	JN
6.	unknown	5.53	84	J
7.	000488-23-3 Benzene, 1,2,3,4-tetramethyl-	5.57	97	JN
8.	001074-17-5 Benzene, 1-methyl-2-propyl-	5.67	21	JN
9.	002870-04-4 Benzene, 2-ethyl-1,3-dimethyl-	5.75	69	JN
10.	000535-77-3 Benzene, 1-methyl-3-(1-methylet	5.77	42	JN
11.	000934-80-5 Benzene, 4-ethyl-1,2-dimethyl-	5.83	120	JN
12.	000527-84-4 Benzene, 1-methyl-2-(1-methylet	6.02	28	JN
13.	000095-93-2 Benzene, 1,2,4,5-tetramethyl-	6.11	48	JN
14.	000874-41-9 Benzene, 1-ethyl-2,4-dimethyl-	6.15	70	JN
15.	000824-22-6 1H-Indene, 2,3-dihydro-4-methyl-	6.36	72	JN
16.	000768-00-3 Benzene, (1-methyl-1-propenyl)-,	6.45	160	JN
17.	000767-59-9 1H-Indene, 1-methyl-	6.53	32	JN
18.	000119-64-2 Naphthalene, 1,2,3,4-tetrahydro-	6.59	26	JN
19.	000095-15-8 Benzo[b]thiophene	6.94	25	JN
20.	unknown acid	7.20	49	J
21.	000083-33-0 1H-Inden-1-one, 2,3-dihydro-	7.77	30	JN
22.	000090-12-0 Naphthalene, 1-methyl-	8.09	72	JN
23.	006072-57-7 1H-Inden-1-one, 2,3-dihydro-3-m	8.12	37	JN
24.	unknown acid	8.22	26	J
25.	1000201-99-6 7-Methylindan-1-one	8.45	25	JN

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-6

Date Sampled : 09/04/03 **Order #:** 669544 **Sample Matrix:** WATER
Date Received: 09/04/03 **Submission #:** R2318289 **Analytical Run:** 95236

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED	:	09/09/03	
DATE ANALYZED	:	09/15/03	
ANALYTICAL DILUTION:		1.00	

AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	120	%
TETRACHLORO-META-XYLENE (	(30 - 150)	107	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-5

Date Sampled : 09/04/03 Order #: 669546 Sample Matrix: WATER
Date Received: 09/04/03 Submission #: R2318289 Analytical Run: 95236

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/09/03		
DATE ANALYZED	: 09/15/03		
ANALYTICAL DILUTION:	1.00		
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	115	%
TETRACHLORO-META-XYLENE (	(30 - 150)	107	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-12

Date Sampled : 09/05/03 **Order #:** 669974 **Sample Matrix:** WATER
Date Received: 09/05/03 **Submission #:** R2318289 **Analytical Run:** 95236

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED	:	09/09/03	
DATE ANALYZED	:	09/15/03	
ANALYTICAL DILUTION:		1.00	

AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	126	%
TETRACHLORO-META-XYLENE (	(30 - 150)	117	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-8

Date Sampled : 09/05/03 **Order #:** 669975 **Sample Matrix:** WATER
Date Received: 09/05/03 **Submission #:** R2318289 **Analytical Run:** 95236

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED	:	09/09/03	
DATE ANALYZED	:	09/15/03	
ANALYTICAL DILUTION:		1.00	

AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	135	%
TETRACHLORO-META-XYLENE (	(30 - 150)	120	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-10

Date Sampled : 09/05/03 Order #: 669976 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318289 Analytical Run: 95236

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED : 09/09/03
DATE ANALYZED : 09/15/03
ANALYTICAL DILUTION: 1.00

AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	135	%
TETRACHLORO-META-XYLENE (	(30 - 150)	124	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-11

Date Sampled : 09/05/03 **Order #:** 669977 **Sample Matrix:** WATER
Date Received: 09/05/03 **Submission #:** R2318289 **Analytical Run:** 95236

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED	:	09/09/03	
DATE ANALYZED	:	09/15/03	
ANALYTICAL DILUTION:		1.00	

AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	126	%
TETRACHLORO-META-XYLENE (	(30 - 150)	115	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-9

Date Sampled : 09/05/03 **Order #:** 669978 **Sample Matrix:** WATER
Date Received: 09/05/03 **Submission #:** R2318289 **Analytical Run:** 95236

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED			
DATE ANALYZED			
ANALYTICAL DILUTION:	1.00		
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150)	112	%
TETRACHLORO-META-XYLENE (	(30 - 150)	121	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-10 DUP

Date Sampled : 09/05/03	Order #: 669979	Sample Matrix: WATER
Date Received: 09/05/03	Submission #: R2318289	Analytical Run: 95236

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED : 09/09/03
DATE ANALYZED : 09/15/03
ANALYTICAL DILUTION: 1.00

AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	128	%
TETRACHLORO-META-XYLENE (	(30 - 150)	120	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-2

Date Sampled : 09/05/03 Order #: 669980 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318289 Analytical Run: 95236

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE EXTRACTED	:	09/09/03	
DATE ANALYZED	:	09/15/03	
ANALYTICAL DILUTION:		1.00	

AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	113	%
TETRACHLORO-META-XYLENE (	(30 - 150)	113	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-1

Date Sampled : 09/08/03 Order #: 670296 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318289 Analytical Run: 95554

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED		: 09/12/03	
DATE ANALYZED		: 09/22/03	
ANALYTICAL DILUTION:	1.00		
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	79	%
TETRACHLORO-META-XYLENE (	(30 - 150)	88	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-4

Date Sampled : 09/08/03 **Order #:** 670297 **Sample Matrix:** WATER
Date Received: 09/08/03 **Submission #:** R2318289 **Analytical Run:** 95554

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/12/03		
DATE ANALYZED	: 09/27/03		
ANALYTICAL DILUTION:	1.00		
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150)	77	%
TETRACHLORO-META-XYLENE (	(30 - 150)	88	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-3

Date Sampled : 09/08/03 **Order #:** 670298 **Sample Matrix:** WATER
Date Received: 09/08/03 **Submission #:** R2318289 **Analytical Run:** 95554

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/12/03		
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	1.00		
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150)	80	%
TETRACHLORO-META-XYLENE (	(30 - 150)	97	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-7

Date Sampled : 09/08/03	Order #: 670299	Sample Matrix: WATER
Date Received: 09/08/03	Submission #: R2318289	Analytical Run: 95554

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/12/03		
DATE ANALYZED	: 09/22/03		
ANALYTICAL DILUTION:	1.00		
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150)	81	%
TETRACHLORO-META-XYLENE (	(30 - 150)	99	%

METALS
COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Contract: R2318289 SDG No.: MW-6
 Lab Code: _____ Case No.: _____ SAS No.: _____
 SOW No.: CLP ILM4.1 Client: Bergmann Associates, P.C.

<u>Sample No.</u>	<u>Lab Sample ID.</u>
MW-6	669544
MW-5	669546
MW-5D	669546D
MW-5S	669546S
MW-12	669974
MW-8	669975
MW-10	669976
MW-11	669977
MW-9	669978
MW-10 DUP	669979
MW-7	670299

Were ICP interelement corrections applied? Yes/No YES
 Were ICP background corrections applied? Yes/No YES
 If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: See Attached Case Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Michael E. Perry Name: Michael E. Perry
 Date: 10/27/03 Title: Laboratory Manager 92

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-10

Contract: R2318289

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: MW-6

Matrix (soil/water): WATER Lab Sample ID: 669976

Level (low/med): LOW Date Received: 09/05/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.8	B		P
7440-39-3	Barium	257			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	1.6	B		P
7439-92-1	Lead	3.1			P
7439-97-6	Mercury	0.03	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:
 Color After: YELLOW Clarity After: CLEAR Artifacts:
 Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-10 DUP

Contract: R2318289

Lab Code:

Case No.:

SAS No.:

SDG NO.: MW-6

Matrix (soil/water): WATER

Lab Sample ID: 669979

Level (low/med): LOW

Date Received: 09/05/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.1	B		P
7440-39-3	Barium	247			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	1.0	B		P
7439-92-1	Lead	2.1	B		P
7439-97-6	Mercury	0.04	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

94

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-11

Contract: R2318289

Lab Code:

Case No.:

SAS No.:

SDG NO.: MW-6

Matrix (soil/water): WATER

Lab Sample ID: 669977

Level (low/med): LOW

Date Received: 09/05/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.9	B		P
7440-39-3	Barium	428			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	1.7	B		P
7439-92-1	Lead	3.2			P
7439-97-6	Mercury	0.03	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

95

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-12

Contract: R2318289

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: MW-6

Matrix (soil/water): WATER Lab Sample ID: 669974

Level (low/med): LOW Date Received: 09/05/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.3	B		P
7440-39-3	Barium	97.6	B		P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	6.0	B		P
7439-92-1	Lead	6.2			P
7439-97-6	Mercury	0.04	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:
 Color After: YELLOW Clarity After: CLEAR Artifacts:
 Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-5

Contract: R2318289

Lab Code:

Case No.:

SAS No.:

SDG NO.: MW-6

Matrix (soil/water): WATER

Lab Sample ID: 669546

Level (low/med): LOW

Date Received: 09/04/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	63.9	B		P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	1.7	B		P
7439-92-1	Lead	1.4	B		P
7439-97-6	Mercury	0.04	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

97

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-6

Contract: R2318289

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: MW-6

Matrix (soil/water): WATER Lab Sample ID: 669544

Level (low/med): LOW Date Received: 09/04/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5	B		P
7440-39-3	Barium	257			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	1.1	B		P
7439-92-1	Lead	1.4	U		P
7439-97-6	Mercury	0.04	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:
 Color After: YELLOW Clarity After: CLEAR Artifacts:
 Comments:

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-7

Contract: R2318289

Lab Code:

Case No.:

SAS No.:

SDG NO.: MW-6

Matrix (soil/water): WATER

Lab Sample ID: 670299

Level (low/med): LOW

Date Received: 09/08/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	11.1			P
7440-39-3	Barium	292			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	0.79	B		P
7439-92-1	Lead	2.5	B		P
7439-97-6	Mercury	0.05	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

99

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-8

Contract: R2318289

Lab Code:

Case No.:

SAS No.:

SDG NO.: MW-6

Matrix (soil/water): WATER

Lab Sample ID: 669975

Level (low/med): LOW

Date Received: 09/05/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.9	B		P
7440-39-3	Barium	234			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	0.92	B		P
7439-92-1	Lead	2.4	B		P
7439-97-6	Mercury	0.04	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

100

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-9

Contract: R2318289

Lab Code:

Case No.:

SAS No.:

SDG NO.: MW-6

Matrix (soil/water): WATER

Lab Sample ID: 669978

Level (low/med): LOW

Date Received: 09/05/03

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	12.3			P
7440-39-3	Barium	251			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	0.90	B		P
7439-92-1	Lead	2.0	B		P
7439-97-6	Mercury	0.04	B		CV
7782-49-2	Selenium	3.8	U		P
7440-22-4	Silver	0.76	U		P

Color Before: COLORLESS

Clarity Before: CLEAR

Texture:

Color After: YELLOW

Clarity After: CLEAR

Artifacts:

Comments:

101

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-6

Date Sampled : 09/04/03 Order #: 669544 Sample Matrix: WATER
Date Received: 09/04/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-5

Date Sampled : 09/04/03 Order #: 669546 Sample Matrix: WATER
Date Received: 09/04/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-12

Date Sampled : 09/05/03 Order #: 669974 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-8

Date Sampled : 09/05/03 Order #: 669975 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-10

Date Sampled : 09/05/03 Order #: 669976 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-11

Date Sampled : 09/05/03 Order #: 669977 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-9

Date Sampled : 09/05/03 Order #: 669978 Sample Matrix: WATER
Date Received: 09/05/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.

Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

Client Sample ID : MW-10 DUP

Date Sampled : 09/05/03

Order #: 669979

Sample Matrix: WATER

Date Received: 09/05/03

Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 10/23/03

Bergmann Associates, P.C.
Project Reference: 1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Client Sample ID : MW-7

Date Sampled : 09/08/03 Order #: 670299 Sample Matrix: WATER
Date Received: 09/08/03 Submission #: R2318289

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE	TIME	DILUTION
					ANALYZED	ANALYZED	
ETHYLENE GLYCOL	89-9	1.00	1.00 U	MG/L	09/19/03	09:45	1.0

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	VBLK1	101	101	94	0
02	VBLK1MS	102	100	94	0
03	MW-6	102	100	94	0
04	MW-5	104	101	95	0
05	MW-5MS	101	100	95	0
06	MW-5MSD	106	99	93	0
07	MW-12	102	100	95	0
08	MW-8	104	99	99	0
09	VBLK2	100	101	95	0
10	VBLK2MS	101	101	97	0
11	MW-7	99	100	102	0
12	MW-10	99	101	100	0
13	MW-11	100	102	98	0
14	MW-9	94	101	99	0
15	MW-10DUP	97	101	99	0
16	COOLER BLK	96	101	96	0

QC LIMITS

SMC1 = 1,2-Dichloroethane-d4 (76-114)
 SMC2 = Toluene-d8 (88-110)
 SMC3 = Bromofluorobenzene (86-115)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

111

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6

	EPA SAMPLE NO.	S1 (2FP) #	S2 [PHL] #	S3 #	S4 #	S5 (NBZ) #	S6 (FBP) #	S7 #	S8 (TPH) #	TOT OUT
01	SBLK1	57	69	70	50	63	72	97	78	0
02	SBLK1MS	58	69	72	52	66	75	95	80	0
03	MW-6	62	73	77	55	71	80	104	78	0
04	MW-5	58	69	74	56	71	76	100	79	0
05	MW-5MS	58	71	74	54	69	77	109	86	0
06	MW-5MSD	61	72	77	56	71	81	112	83	0
07	MW-12	26	65	67	48	61	71	103	67	0
08	MW-8	59	71	72	51	67	75	111	79	0
09	MW-10	53	62	65	46	60	67	96	75	0
10	MW-11	57	69	70	51	65	76	110	71	0
11	MW-9	24	71	76	52	68	73	108	56	0
12	MW-10 DUP	27	62	64	46	59	66	99	46	0
13	SBLK2	56	67	70	53	65	74	91	85	0
14	SBLK2MS	54	66	68	52	64	73	98	85	0
15	SBLK2MSD	44	55	56	41	53	63	93	84	0
16	MW-12 DL	51	65	68	50	62	72	96	68	0
17	MW-8 DL	58	69	69	50	65	71	97	78	0
18	MW-11 DL	61	72	74	55	72	84	114	78	0
19	MW-9 DL	55	70	71	53	66	74	105	58	0
20	MW-10 DUP DL	50	61	63	46	60	66	92	44	0
21	MW-7	62	77	78	62	72	75	97	73	0

QC LIMITS

S1 (2FP) = 2-Fluorophenol (21-110)
 S2 [PHL] = Phenol-d6 (10-110)
 S3 = 2-Chlorophenol-d4 (33-110)
 S4 = 1,2-Dichlorobenzene-d4 (16-110)
 S5 (NBZ) = Nitrobenzene-d5 (35-114)
 S6 (FBP) = 2-Fluorobiphenyl (43-116)
 S7 = 2,4,6-Tribromophenol (10-123)
 S8 (TPH) = Terphenyl-d14 (33-141)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogate diluted out

112

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix Spike - EPA Sample No.: MW-5

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	48	96	61 - 145
Benzene	50	0.0	46	92	76 - 127
Trichloroethene	50	0.0	45	90	71 - 120
Toluene	50	0.0	44	88	76 - 125
Chlorobenzene	50	0.0	45	90	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	50	100	4	14	61 - 145
Benzene	50	46	92	0	11	76 - 127
Trichloroethene	50	45	90	0	14	71 - 120
Toluene	50	45	90	2	13	76 - 125
Chlorobenzene	50	45	90	0	13	75 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

113

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MS

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 1.0MS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1609.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		48	
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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		46	
79-01-6	Trichloroethene		45	
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		44	
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		45	
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MS

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 1.0MS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1609.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MSD

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 1.0MSD
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1610.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		50	
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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		46	
79-01-6	Trichloroethene		45	
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		45	
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		45	
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MSD

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: 669546 1.0MSD
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1610.D
 Level: (low/med) LOW Date Received: 09/04/03
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: cas/roc Contract: bergmanLab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6Matrix Spike - EPA Sample No.: VBLK1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	54	108	61 - 145
Benzene	50	0.0	52	104	76 - 127
Trichloroethene	50	0.0	50	100	71 - 120
Toluene	50	0.0	51	102	76 - 125
Chlorobenzene	50	0.0	51	102	75 - 130

COMMENTS: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1MS

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1604.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		54	
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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		52	
79-01-6	Trichloroethene		50	
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		51	
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		51	
100-41-4	Ethylbenzene		10	U

119

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1MS

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1604.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: cas/roc Contract: bergmanLab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6Matrix Spike - EPA Sample No.: VBLK2

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	55	110	61 - 145
Benzene	50	0.0	51	102	76 - 127
Trichloroethene	50	0.0	51	102	71 - 120
Toluene	50	0.0	50	100	76 - 125
Chlorobenzene	50	0.0	51	102	75 - 130

COMMENTS: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2MS

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1624.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth	10		U
75-35-4	1,1-Dichloroethene	55		
67-64-1	Acetone	10		U
75-15-0	Carbon disulfide	10		U
79-20-9	Methyl Acetate	10		U
75-09-2	Methylene chloride	10		U
1634-04-4	Methyl tert-Butyl Ether	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
75-34-3	1,1-Dichloroethane	10		U
78-93-3	2-Butanone	10		U
156-59-2	cis-1,2-Dichloroethene	10		U
67-66-3	Chloroform	10		U
107-06-2	1,2-Dichloroethane	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	51		
79-01-6	Trichloroethene	51		
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
10061-02-6	trans-1,3-Dichloropropene	10		U
79-00-5	1,1,2-Trichloroethane	10		U
124-48-1	Dibromochloromethane	10		U
75-25-2	Bromoform	10		U
108-10-1	4-Methyl-2-pentanone	10		U
108-88-3	Toluene	50		
127-18-4	Tetrachloroethene	10		U
591-78-6	2-Hexanone	10		U
106-93-4	1,2-Dibromoethane	10		U
108-90-7	Chlorobenzene	51		
100-41-4	Ethylbenzene	10		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2MS

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLKMS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1624.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
108-38-3/106-42-3	(m+p)Xylene	10	U
95-47-6	o-Xylene	10	U
100-42-5	Styrene	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

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH

Contract: Bergmann

Lab Code: 10145

Case No.: R318289

SAS No.:

SDG No.: MW-6

Matrix Spike - EPA Sample No MW-5

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	70	0.0	50	71	12 - 110
2-Chlorophenol	70	0.0	48	69	27 - 123
1,4-Dichlorobenzene	47	0.0	27	57	36 - 97
N-Nitroso-Di-n-propylamine	47	0.0	26	55	41 - 116
1,2,4-Trichlorobenzene	47	0.0	30	64	39 - 98
4-Chloro-3-methylphenol	70	0.0	54	77	23 - 97
Acenaphthene	47	0.0	38	81	46 - 118
2,4-Dinitrotoluene	47	0.0	43	91	24 - 96
4-Nitrophenol	70	0.0	71	101 *	10 - 80
Pentachlorophenol	70	0.0	71	101	9 - 103
Pyrene	47	0.0	37	79	26 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	70	53	76	7	42	12 - 110
2-Chlorophenol	70	52	74	7	40	27 - 123
1,4-Dichlorobenzene	47	29	62	8	28	36 - 97
N-Nitroso-Di-n-propylamine	47	31	66	18	38	41 - 116
1,2,4-Trichlorobenzene	47	32	68	6	28	39 - 98
4-Chloro-3-methylphenol	70	55	79	3	42	23 - 97
Acenaphthene	47	40	85	5	31	46 - 118
2,4-Dinitrotoluene	47	46	98 *	7	38	24 - 96
4-Nitrophenol	70	74	106 *	5	50	10 - 80
Pentachlorophenol	70	72	103	2	50	9 - 103
Pyrene	47	39	83	5	31	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 3 out of 22 outside limits

COMMENTS:

124

3/90

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672465 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE078.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		50	
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		48	
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		27	
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		26	
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		30	
91-20-3	Naphthalene		9	U
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		54	
91-57-6	2-Methylnaphthalene		9	U
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		23	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		23	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		38	
99-09-2	3-Nitroaniline		23	U
51-28-5	2,4-Dinitrophenol		23	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		43	
100-02-7	4-Nitrophenol		71	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672465 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE078.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		23	U
534-52-1	4,6-Dinitro-2-methylphenol		23	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		71	
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate		11	B
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		37	
85-68-7	Butyl benzyl phthalate		1.0	J
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		50	B
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		9	U
105-60-2	Caprolactam		23	U
92-52-4	Biphenyl		9	U
1912-24-9	Atrazine		9	U
024624-29-1	2-Ethylanthroquinone		9	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672466 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE079.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		53	
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		52	
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		29	
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		31	
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		1	J
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		32	
91-20-3	Naphthalene		9	U
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		55	
91-57-6	2-Methylnaphthalene		9	U
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		23	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		23	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		40	
99-09-2	3-Nitroaniline		23	U
51-28-5	2,4-Dinitrophenol		23	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		46	
100-02-7	4-Nitrophenol		74	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672466 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AE079.D
 Level: (low/med) LOW Date Received: 9/4/03
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		23	U
534-52-1	4,6-Dinitro-2-methylphenol		23	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		72	
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate		10	B
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		39	
85-68-7	Butyl benzyl phthalate		1	J
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		47	B
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		9	U
105-60-2	Caprolactam		23	U
92-52-4	Biphenyl		9	U
1912-24-9	Atrazine		9	U
024624-29-1	2-Ethylanthroquinone		9	U

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: BergmannLab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6Matrix Spike - EPA Sample No SBLK1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	75	0.0	53	71	12 - 110
2-Chlorophenol	75	0.0	52	69	27 - 123
1,4-Dichlorobenzene	50	0.0	28	56	36 - 97
N-Nitroso-Di-n-propylamine	50	0.0	17	34 *	41 - 116
1,2,4-Trichlorobenzene	50	0.0	31	62	39 - 98
4-Chloro-3-methylphenol	75	0.0	53	71	23 - 97
Acenaphthene	50	0.0	39	78	46 - 118
2,4-Dinitrotoluene	50	0.0	44	88	24 - 96
4-Nitrophenol	75	0.0	68	91 *	10 - 80
Pentachlorophenol	75	0.0	68	91	9 - 103
Pyrene	50	0.0	38	76	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of _____ outside limits

Spike Recovery: _____ out of _____ outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672464 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE075.D
 Level: (low/med) LOW Date Received:
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		53	
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		52	
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		28	
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		17	
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		31	
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		53	
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
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		39	
99-09-2	3-Nitroaniline		25	U
51-28-5	2,4-Dinitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		44	
100-02-7	4-Nitrophenol		68	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672464 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE075.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		68	
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		8	JB
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		38	
85-68-7	Butyl benzyl phthalate		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		1	JB
117-84-0	Di-n-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		25	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U
024624-29-1	2-Ethylanthroquinone		10	U

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix Spike - EPA Sample No SBLK2

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	75	0.0	51	68	12 - 110
2-Chlorophenol	75	0.0	50	67	27 - 123
1,4-Dichlorobenzene	50	0.0	29	58	36 - 97
N-Nitroso-Di-n-propylamine	50	0.0	16	32 *	41 - 116
1,2,4-Trichlorobenzene	50	0.0	31	62	39 - 98
4-Chloro-3-methylphenol	75	0.0	53	71	23 - 97
Acenaphthene	50	0.0	39	78	46 - 118
2,4-Dinitrotoluene	50	0.0	45	90	24 - 96
4-Nitrophenol	75	0.0	73	97 *	10 - 80
Pentachlorophenol	75	0.0	66	88	9 - 103
Pyrene	50	0.0	37	74	26 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	75	43	57	18	42	12 - 110
2-Chlorophenol	75	40	53	23	40	27 - 123
1,4-Dichlorobenzene	50	23	46	23	28	36 - 97
N-Nitroso-Di-n-propylamine	50	16	32 *	0	38	41 - 116
1,2,4-Trichlorobenzene	50	25	50	21	28	39 - 98
4-Chloro-3-methylphenol	75	51	68	4	42	23 - 97
Acenaphthene	50	35	70	11	31	46 - 118
2,4-Dinitrotoluene	50	43	86	5	38	24 - 96
4-Nitrophenol	75	70	93 *	4	50	10 - 80
Pentachlorophenol	75	63	84	5	50	9 - 103
Pyrene	50	38	76	3	31	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 4 out of 22 outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK2MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672472 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE087.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		51	
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		50	
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		29	
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		16	
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		31	
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		53	
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
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		39	
99-09-2	3-Nitroaniline		25	U
51-28-5	2,4-Dinitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		45	
100-02-7	4-Nitrophenol		73	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK2MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672472 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE087.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		66	
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		8	JB
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		37	
85-68-7	Butyl benzyl phthalate		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		1	J
117-84-0	Di-n-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		25	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U
024624-29-1	2-Ethylanthroquinone		10	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK2MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672474 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE088.D
 Level: (low/med) LOW Date Received:
 % Moisture: decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		43	
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		40	
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		23	
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		16	
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		25	
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		51	
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
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		35	
99-09-2	3-Nitroaniline		25	U
51-28-5	2,4-Dinitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		43	
100-02-7	4-Nitrophenol		70	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK2MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672474 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE088.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		63	
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		11	B
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		38	
85-68-7	Butyl benzyl phthalate		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		1	J
117-84-0	Di-n-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		25	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U
024624-29-1	2-Ethylanthroquinone		10	U

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
WATER

Spiked Order No. : 669546 Bergmann Associates, P.C.

Client ID: MW-5

Test: OLM4.2

Analytical Units: UG/L

Run Number : 95236

ANALYTE	SPIKE ADDED	CONCENT. SAMPLE	MATRIX SPIKE		MATRIX SPIKE DUP.			QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
AROCOR-1260	4.67	0	4.30	92	4.60	99	7	30	8 - 127

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Project Reference:

Client Sample ID : MATRIX SPIKE

Date Sampled : Order #: 671150 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 95236

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/09/03			
DATE ANALYZED : 09/15/03			
ANALYTICAL DILUTION: 1.00			
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	4.3	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	118	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	101	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 10/22/03

Project Reference:
Client Sample ID : MATRIX SPIKE DUPLICATE

Date Sampled : Order #: 671151 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 95236

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/09/03			
DATE ANALYZED : 09/15/03			
ANALYTICAL DILUTION: 1.00			
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	4.6	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	128	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	100	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 671149

Client ID:

Test: OLM4.2

Analytical Units: UG/L

Run Number : 95236

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		QC LIMITS
			FOUND	% REC.	REC.
AROCLOR-1260	5.00	0	4.60	92	8 - 127

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Project Reference:

Client Sample ID : BLANK SPIKE

Date Sampled : Order #: 671149 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 95236

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/09/03			
DATE ANALYZED : 09/15/03			
ANALYTICAL DILUTION: 1.00			
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	4.6	UG/L

SURROGATE RECOVERIES

QC LIMITS

DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	133	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	107	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 10/22/03

Project Reference:
Client Sample ID : BLANK SPIKE

Date Sampled : Order #: 673571 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 95554

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/12/03			
DATE ANALYZED : 09/22/03			
ANALYTICAL DILUTION: 1.00			
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	4.0	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	118	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	78	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS

METHOD OLM4.2

Reported: 10/22/03

Project Reference:

Client Sample ID : BLANK SPIKE DUPLICATE

Date Sampled : Order #: 673572 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 95554

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 09/12/03			
DATE ANALYZED : 09/22/03			
ANALYTICAL DILUTION: 1.00			
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	4.5	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	123	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	87	%

METALS

-6-

DUPLICATES

SAMPLE NO.

MW-5D

Contract: R2318289

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: MW-6

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: _____

Concentration Units (ug/L or mg/kg dry weight): µG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Arsenic		4.4135	B	2.0100	U	200.0		P
Barium		63.8798	B	64.7868	B	1.4		P
Cadmium		0.2060	U	0.2060	U			P
Chromium		1.6621	B	1.1591	B	35.7		P
Lead		1.4330	B	2.7679	B	63.6		P
Mercury		0.0383	B	0.0383	B	0.0		CV
Selenium		3.8300	U	3.8300	U			P
Silver		0.7560	U	0.7560	U			P

METALS
-5A-
SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-5S

Contract: R2318289

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG NO.: MW-6

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): $\mu\text{G/L}$

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Arsenic	75 - 125	43.8411	4.4135 | B	40.00	98.6		P
Barium	75 - 125	2182.6758	63.8798 | B	2000.00	105.9		P
Cadmium	75 - 125	50.0267	0.2060 | U	50.00	100.1		P
Chromium	75 - 125	204.3869	1.6621 | B	200.00	101.4		P
Lead	75 - 125	512.1134	1.4330 | B	500.00	102.1		P
Mercury	75 - 125	0.9732	0.0383 | B	1.00	93.5		CV
Selenium	75 - 125	11.3233	3.8300 | U	10.00	113.2		P
Silver	75 - 125	49.5803	0.7560 | U	50.00	99.2		P

Comments: _____

METALS

-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-5A

Contract: R2318289

Lab Code:

Case No.:

SAS No.:

SDG NO.: MW-6

Matrix (soil/water): WATER

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Arsenic		40.29	4.41 B	40.0	89.7		P
Barium		2051.67	63.88 B	2000.0	99.4		P
Cadmium		46.67	0.21 U	50.0	93.3		P
Chromium		192.26	1.66 B	200.0	95.3		P
Lead		477.89	1.43 B	500.0	95.3		P
Selenium		9.19	3.83 U	10.0	91.9		P
Silver		46.47	0.76 U	50.0	92.9		P

Comments:

COLUMBIA ANALYTICAL SERVICES

INORGANIC QUALITY CONTROL SUMMARY

Report Date : 10/23/03
CAS Order # : 669546 - MW-5
Client : Bergmann Associates, P.C.
1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02
Reported Units: MG/L
Run # : 95541

PRECISION

ACCURACY

ORIGINAL	DUPLICATE	RPD	FOUND	ADDED	% REC.	LIMITS
1.00 U	1.00 U	NC	2.51	130	84	50 - 150

ETHYLENE GLYCOL

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2318289

Client: Bergmann Associates, P.C.

1200 E. MAIN STREET, ROCHESTER PROJECT #4453.02

BLANK SPIKES

BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
1.00 U	2.72	130	91	70 - 130	95541	MG/L

ETHYLENE GLYCOL

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK1

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Lab File ID: B1603.D Lab Sample ID: VBLK
 Date Analyzed: 09/09/03 Time Analyzed: 12:01
 GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Instrument ID: msvoa5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLK1MS	VBLKMS	B1604.D	12:51
02	MW-6	669544 1.0	B1607.D	15:02
03	MW-5	669546 1.0	B1608.D	15:37
04	MW-5MS	669546 1.0MS	B1609.D	16:12
05	MW-5MSD	669546 1.0MSD	B1610.D	16:48
06	MW-12	669547 1.0	B1611.D	17:23
07	MW-8	669975 1.0	B1614.D	19:09

COMMENTS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1603.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1603.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-38-3/106-42-3	(m+p)Xylene	10	U
95-47-6	o-Xylene	10	U
100-42-5	Styrene	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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK1

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1603.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/09/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK2

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Lab File ID: B1623.D Lab Sample ID: VBLK
 Date Analyzed: 09/10/03 Time Analyzed: 12:23
 GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) N
 Instrument ID: msvoa5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLK2MS	VBLKMS	B1624.D	13:13
02	MW-7	670299 50.0	B1627.D	15:29
03	MW-10	669976 20.0	B1628.D	16:04
04	MW-11	669977 5.0	B1629.D	16:40
05	MW-9	669978 50.0	B1630.D	17:15
06	MW-10DUP	669979 20.0	B1631.D	17:50
07	COOLER BLK	669548 1.0	B1632.D	18:25

COMMENTS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1623.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroeth		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene chloride		10	U
1634-04-4	Methyl tert-Butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
78-93-3	2-Butanone		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
67-66-3	Chloroform		10	U
107-06-2	1,2-Dichloroethane		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
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
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
124-48-1	Dibromochloromethane		10	U
75-25-2	Bromoform		10	U
108-10-1	4-Methyl-2-pentanone		10	U
108-88-3	Toluene		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		10	U
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK2

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Matrix: (soil/water) WATER Lab Sample ID: VBLK
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1623.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 09/10/03
 GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
 Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-38-3/106-42-3	(m+p)Xylene		10	U
95-47-6	o-Xylene		10	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK2

Lab Name: cas/roc Contract: bergman
Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
Matrix: (soil/water) WATER Lab Sample ID: VBLK
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: B1623.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 09/10/03
GC Column: db-624 ID: 0.32 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	RT	EST. CONC.	Q
---------	----------	----	------------	---

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Lab File ID (Standard): B1602.D Date Analyzed: 09/09/03
 Instrument ID: msvoa5 Time Analyzed: 11:11
 GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR ST	105590	9.36	654286	11.19	722505	16.70
UPPER LIMIT	211180	8.86	1308572	10.69	1445010	16.20
LOWER LIM	52795	9.86	327143	11.69	361253	17.20
EPA SAMPLE NO.						
01 VBLK1	103699	9.36	656825	11.18	712257	16.69
02 VBLK1MS	103153	9.35	652248	11.18	715325	16.69
03 MW-6	101924	9.37	638009	11.19	700799	16.71
04 MW-5	99486	9.37	635392	11.19	689269	16.71
05 MW-5MS	100207	9.36	623500	11.19	692219	16.71
06 MW-5MSD	98346	9.36	629870	11.19	691109	16.70
07 MW-12	99748	9.37	629247	11.19	677440	16.71
08 MW-8	95762	9.36	604550	11.19	680639	16.71

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: cas/roc Contract: bergman
 Lab Code: 10145 Case No.: r3-18289 SAS No.: _____ SDG No.: mw-6
 Lab File ID (Standard): B1622.D Date Analyzed: 09/10/03
 Instrument ID: msvoa5 Time Analyzed: 11:34
 GC Column: db-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR ST	102143	9.36	677195	11.17	782648	16.69
UPPER LIMIT	204286	8.86	1354390	10.67	1565296	16.19
LOWER LIM	51072	9.86	338598	11.67	391324	17.19
EPA SAMPLE NO.						
01 VBLK2	98908	9.36	677012	11.17	775567	16.70
02 VBLK2MS	99973	9.35	665652	11.18	760255	16.70
03 MW-7	97041	9.35	647496	11.18	753493	16.69
04 MW-10	98574	9.36	667651	11.19	774426	16.70
05 MW-11	98925	9.37	683268	11.18	801399	16.70
06 MW-9	103430	9.36	684626	11.18	812236	16.70
07 MW-10DUP	102639	9.36	718820	11.18	843112	16.70
08 COOLER BLK	103657	9.36	720598	11.18	856282	16.70

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

159

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Lab File ID: AE074.D Lab Sample ID: 672463 1.0
 Instrument ID: 5973-C Date Extracted: 9/9/03
 Matrix: (soil/water) WATER Date Analyzed: 9/16/03
 Level: (low/med) LOW Time Analyzed: 12:19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1MS	672464 1.0	AE075.D	9/16/03
02	MW-6	669544 0.93	AE076.D	9/16/03
03	MW-5	669546 0.93	AE077.D	9/16/03
04	MW-5MS	672465 0.93	AE078.D	9/16/03
05	MW-5MSD	672466 0.93	AE079.D	9/16/03
06	MW-12	669974 0.97	AE080.D	9/16/03
07	MW-8	669975 0.94	AE081.D	9/16/03
08	MW-10	669976 0.94	AE082.D	9/16/03
09	MW-11	669977 0.94	AE083.D	9/16/03
10	MW-9	669978 0.93	AE084.D	9/16/03
11	MW-10 DUP	669979 0.96	AE085.D	9/16/03
12	MW-12 DL	669974 2.91	AE098.D	9/17/03
13	MW-8 DL	669975 2.83	AE099.D	9/17/03
14	MW-11 DL	669977 1.89	AE100.D	9/17/03
15	MW-9 DL	669978 4.67	AE101.D	9/17/03
16	MW-10 DUP DL	669979 2.88	AE102.D	9/17/03

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672463 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE074.D
 Level: (low/med) LOW Date Received:
 % Moisture: decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		10	U
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		10	U
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		10	U
99-09-2	3-Nitroaniline		25	U
51-28-5	2,4-Dinitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
100-02-7	4-Nitrophenol		25	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672463 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE074.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		6	J
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butyl benzyl phthalate		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		2	J
117-84-0	Di-n-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		25	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U
024624-29-1	2-Ethylanthroquinone		10	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672463 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE074.D
 Level: (low/med) LOW Date Received:
 % Moisture: decanted: (Y/N) N Date Extracted: 9/9/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.60	3	J
2.	unknown	3.68	3	J
3.	unknown	3.73	4	J
4. 013116-57-9	1-Propene, 1,2,3-trichloro-, (Z)-	4.63	4	JN
5.	unknown	5.08	6	J

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK2

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Lab File ID: AE086.D Lab Sample ID: 672469 1.0
 Instrument ID: 5973-C Date Extracted: 9/11/03
 Matrix: (soil/water) WATER Date Analyzed: 9/16/03
 Level: (low/med) LOW Time Analyzed: 19:27

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK2MS	672472 1.0	AE087.D	9/16/03
02	SBLK2MSD	672474 1.0	AE088.D	9/16/03
03	MW-7	670299 5.71	AE103.D	9/17/03

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK2

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672469 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE086.D
 Level: (low/med) LOW Date Received:
 % Moisture: decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		10	U
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		10	U
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		10	U
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		10	U
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		10	U
91-57-6	2-Methylnaphthalene		10	U
77-47-4	Hexachlorocyclopentadiene		10	U
88-06-2	2,4,6-Trichlorophenol		10	U
95-95-4	2,4,5-Trichlorophenol		25	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		10	U
99-09-2	3-Nitroaniline		25	U
51-28-5	2,4-Dinitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		10	U
100-02-7	4-Nitrophenol		25	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK2

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6
 Matrix: (soil/water) WATER Lab Sample ID: 672469 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE086.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 9/11/03
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		25	U
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		1	J
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		10	U
85-68-7	Butyl benzyl phthalate		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-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		25	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U
024624-29-1	2-Ethylanthroquinone		10	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK2

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R318289 SAS No.: _____ SDG No.: MW-6

Matrix: (soil/water) WATER Lab Sample ID: 672469 1.0

Sample wt/vol: 1000 (g/ml) ML Lab File ID: AE086.D

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 9/11/03

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 9/16/03

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 5

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.60	4	J
2.	unknown	3.68	3	J
3.	unknown	3.74	3	J
4.	unknown	18.91	2	J
5. 000111-02-4	2,6,10,14,18,22-Tetracosahexae	20.44	3	JN
6.	unknown	26.09	2	J

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Lab File ID (Standard): AE073.D Date Analyzed: 9/16/03
 Instrument ID: 5973-C Time Analyzed: 11:42

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		272251	5.25	967900	6.84	499517	9.83
UPPER LIMIT		544502	5.75	1935800	7.34	999034	10.33
LOWER LIMIT		136126	4.75	483950	6.34	249759	9.33
EPA SAMPLE NO.							
01	SBLK1	275240	5.24	1000989	6.83	484213	9.82
02	SBLK1MS	272292	5.24	983296	6.83	483429	9.82
03	MW-6	254264	5.25	914503	6.84	453586	9.83
04	MW-5	271361	5.25	995660	6.84	503043	9.83
05	MW-5MS	247500	5.24	903148	6.84	457712	9.83
06	MW-5MSD	242342	5.24	882880	6.83	437531	9.82
07	MW-12	245206	5.25	890712	6.84	436552	9.83
08	MW-8	243936	5.24	894449	6.83	450964	9.82
09	MW-10	264554	5.25	938332	6.84	463941	9.83
10	MW-11	216509	5.25	787924	6.84	399832	9.83
11	MW-9	200159	5.25	768013	6.85	389277	9.83
12	MW-10 DUP	211007	5.25	789570	6.84	393480	9.83
13	SBLK2	227812	5.25	813437	6.84	409746	9.83
14	SBLK2MS	236812	5.24	872821	6.84	455757	9.83
15	SBLK2MSD	249193	5.24	903277	6.83	465649	9.82

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Lab File ID (Standard): AE073.D Date Analyzed: 09/16/03
 Instrument ID: 5973-C Time Analyzed: 11:42

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		654179	12.86	474105	18.64	329949	21.76
UPPER LIMIT		1308358	12.36	948210	18.14	659898	21.26
LOWER LIMIT		327090	13.36	237053	19.14	164975	22.26
EPA SAMPLE NO.							
01	SBLK1	723673	12.85	526254	18.61	451910	21.74
02	SBLK1MS	727672	12.85	545225	18.62	451753	21.74
03	MW-6	686480	12.86	525081	18.63	429171	21.76
04	MW-5	777896	12.86	600942	18.63	480693	21.76
05	MW-5MS	700459	12.86	535367	18.63	416724	21.76
06	MW-5MSD	660080	12.85	491717	18.62	394429	21.73
07	MW-12	655024	12.86	493137	18.63	414198	21.76
08	MW-8	684293	12.85	531499	18.62	428724	21.73
09	MW-10	707309	12.86	522425	18.63	442623	21.76
10	MW-11	605141	12.86	491075	18.63	413367	21.76
11	MW-9	604867	12.86	486479	18.63	425099	21.76
12	MW-10 DUP	601409	12.86	448677	18.63	378326	21.76
13	SBLK2	624043	12.86	454320	18.63	386836	21.76
14	SBLK2MS	721237	12.86	538660	18.63	439266	21.76
15	SBLK2MSD	716166	12.85	541865	18.62	444107	21.73

- IS1 (DCB) = d4-1,4-Dichlorobenzene
- IS2 (NPT) = d8-Naphthalene
- IS3 (ANT) = d10-Acenaphthene
- IS4 (PHN) = d10-Phenanthrene
- IS5 (CRY) = d12-Chrysene
- IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Lab File ID (Standard): AE097.D Date Analyzed: 9/17/03
 Instrument ID: 5973-C Time Analyzed: 10:58

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		277242	5.24	929380	6.84	464170	9.83
UPPER LIMIT		554484	5.74	1858760	7.34	928340	10.33
LOWER LIMIT		138621	4.74	464690	6.34	232085	9.33
EPA SAMPLE NO.							
01	MW-12 DL	268606	5.25	955012	6.84	443347	9.83
02	MW-8 DL	247095	5.24	841719	6.84	425631	9.83
03	MW-11 DL	229524	5.25	759742	6.84	376072	9.83
04	MW-9 DL	244393	5.25	863056	6.84	401531	9.83
05	MW-10 DUP DL	237078	5.24	819985	6.84	397061	9.83
06	MW-7	236291	5.24	834052	6.82	409974	9.82

IS1 (DCB) = d4-1,4-Dichlorobenzene

IS2 (NPT) = d8-Naphthalene

IS3 (ANT) = d10-Acenaphthene

IS4 (PHN) = d10-Phenanthrene

IS5 (CRY) = d12-Chrysene

IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R318289 SAS No.: SDG No.: MW-6
 Lab File ID (Standard): AE097.D Date Analyzed: 09/17/03
 Instrument ID: 5973-C Time Analyzed: 10:58

	IS4(PHN)		IS5(CRY)		IS6(PRY)		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12 HOUR STD	611601	12.86	469475	18.63	324489	21.75	
UPPER LIMIT	1223202	12.36	938950	18.13	648978	21.25	
LOWER LIMIT	305801	13.36	234738	19.13	162245	22.25	
EPA SAMPLE NO.							
01	MW-12 DL	675440	12.86	476866	18.63	405253	21.75
02	MW-8 DL	647379	12.86	498310	18.62	418376	21.75
03	MW-11 DL	576645	12.86	445864	18.62	385219	21.75
04	MW-9 DL	615111	12.86	470558	18.63	404741	21.75
05	MW-10 DUP D	614158	12.86	486018	18.62	428792	21.75
06	MW-7	629971	12.84	482271	18.60	427369	21.73

- IS1 (DCB) = d4-1,4-Dichlorobenzene
- IS2 (NPT) = d8-Naphthalene
- IS3 (ANT) = d10-Acenaphthene
- IS4 (PHN) = d10-Phenanthrene
- IS5 (CRY) = d12-Chrysene
- IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

171

Method Blank Summary

<i>Lab Name:</i>	<u>Columbia Analytical</u>	<i>Contract:</i>	<u>BERGMANN</u>		
<i>Lab Code:</i>	<u>10145</u>	<i>Case.No.:</i>	<u>R2318289</u>	<i>SAS No.:</i>	<u> </u> <i>SDG</i> <u>MW-6</u>
<i>Lab Sample</i>	<u>671148 1.0</u>	<i>Lab File ID:</i>	<u>DI839.D</u>		
<i>Matrix:</i>	<u>WATER</u>	<i>Level: (low/med)</i>			
<i>Date extracted:</i>	<u>09/09/03</u>	<i>Extraction: (Sepf/Cont/Sonc)</i>	<u>Sepf</u>		
<i>Date analyzed:</i>	<u>(1) 9/15/03</u>	<i>Date analyzed:</i>	<u>(2) 9/15/03</u>		
<i>Time analyzed:</i>	<u>(1) 4:44</u>	<i>Time analyzed:</i>	<u>(2) 4:44</u>		
<i>Instrument ID:</i>	<u>(1) 5890C</u>	<i>Instrument ID:</i>	<u>(2) 5890C</u>		
<i>GC Column(1)</i>	<u>(1) DB-1701</u>	<i>GC</i>	<u>(2) DB-17</u>		

This Method Blank Applies to the Following Sample, MS, and MSD:

<i>EPA Sample No.</i>	<i>Lab Sample No.</i>	<i>Date Analyzed 1</i>	<i>Date Analyzed 2</i>
MW-6	669544 1.0	9/15/03	9/15/03
MW-5	669546 1.0	9/15/03	9/15/03
MW-5 MS	671150 1.0	9/15/03	9/15/03
MW-5 MSD	671151 1.0	9/15/03	9/15/03
MW-12	669974 1.0	9/15/03	9/15/03
MW-8	669975 1.0	9/15/03	9/15/03
PBLK01MS	671149 1.0	9/15/03	9/15/03
MW-10	669976 1.0	9/15/03	9/15/03
MW-11	669977 1.0	9/15/03	9/15/03
MW-9	669978 1.0	9/15/03	9/15/03
MW-10 DUP	669979 1.0	9/15/03	9/15/03
MW-2	669980 1.0	9/15/03	9/15/03

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD OLM4.2
Reported: 10/22/03

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 671148	Sample Matrix: WATER
Date Received:	Submission #:	Analytical Run 95236

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 09/09/03		
DATE ANALYZED	: 09/15/03		
ANALYTICAL DILUTION:	1.00		
AROCLOR-1016	1.0	1.0 U	UG/L
AROCLOR-1221	2.0	2.0 U	UG/L
AROCLOR-1232	1.0	1.0 U	UG/L
AROCLOR-1242	1.0	1.0 U	UG/L
AROCLOR-1248	1.0	1.0 U	UG/L
AROCLOR-1254	1.0	1.0 U	UG/L
AROCLOR-1260	1.0	1.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
DECACHLOROBIPHENYL (DCB)	(30 - 150 %)	141	%
TETRACHLORO-META-XYLENE (TCMX)	(30 - 150 %)	104	%

Method Blank Summary

<i>Lab Name:</i>	<u>Columbia Analytical</u>	<i>Contract:</i>	<u>BERGMANN</u>
<i>Lab Code:</i>	<u>10145</u>	<i>Case.No.:</i>	<u>R2318289</u>
		<i>SAS No.:</i>	<u> </u>
		<i>SDG</i>	<u>MW-6</u>
<i>Lab Sample</i>	<u>673570 1.0</u>	<i>Lab File ID:</i>	<u>DJ071.D</u>
<i>Matrix:</i>	<u>WATER</u>	<i>Level: (low/med)</i>	
<i>Date extracted:</i>	<u>09/12/03</u>	<i>Extraction: (Sepf/Cont/Sonc)</i>	<u>Sepf</u>
<i>Date analyzed:</i>	<u>(1) 9/22/03</u>	<i>Date analyzed:</i>	<u>(2) 9/22/03</u>
<i>Time analyzed:</i>	<u>(1) 15:04</u>	<i>Time analyzed:</i>	<u>(2) 15:04</u>
<i>Instrument ID:</i>	<u>(1) 5890C</u>	<i>Instrument ID:</i>	<u>(2) 5890C</u>
<i>GC Column(1)</i>	<u>(1) DB-1701</u>	<i>GC</i>	<u>(2) DB-17</u>

This Method Blank Applies to the Following Sample, MS, and MSD:

<i>EPA Sample No.</i>	<i>Lab Sample No.</i>	<i>Date Analyzed 1</i>	<i>Date Analyzed 2</i>
MW-1	670296 1.0	9/22/03	9/22/03
MW-3	670298 1.0	9/22/03	9/22/03
MW-7	670299 1.0	9/22/03	9/22/03
PBLK02MS	673571 1.0	9/22/03	9/22/03
PBLK02MSD	673572 1.0	9/22/03	9/22/03
MW-4	670297 1.0	9/27/03	9/27/03

METALS

-3-

BLANKS

Contract: R2318289

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: MW-6

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
		C	1	C	2	C	3	C		C	M
Arsenic	2.0	U	2.0	U	2.0	U	2.0	U	2.699	B	P
Barium	4.1	U	4.1	U	4.1	U	4.1	U	4.060	U	P
Cadmium	0.2	U	0.2	U	0.2	U	0.2	U	0.206	U	P
Chromium	0.3	U	0.3	U	0.3	U	0.3	U	0.299	U	P
Lead	1.4	U	1.4	U	1.4	U	1.4	U	1.410	U	P
Mercury	0.02	U	0.02	B	0.02	U	0.02	B	0.037	B	CV
Selenium	3.8	U	3.8	U	3.8	U	3.8	U	3.830	U	P
Silver	0.8	U	0.8	U	0.8	U	0.8	U	0.756	U	P

METALS

-3-

BLANKS

Contract: R2318289

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: MW-6

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

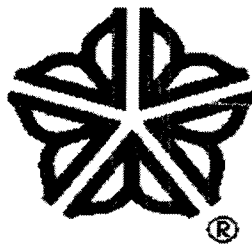
Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L)						Preparation Blank	C	M
			1	C	2	C	3	C			
Arsenic			2.0	U	4.0	B					P
Barium			4.1	U	4.1	U					P
Cadmium			0.2	U	0.2	U					P
Chromium			0.3	B	0.3	U					P
Lead			1.4	U	1.4	U					P
Mercury			0.02	B	0.03	B	0.03	B			CV
Selenium			3.8	U	3.8	U					P
Silver			0.8	U	0.8	U					P

**LABORATORY ANALYTICAL REPORTS
SOIL AND GROUNDWATER
SAMPLING AND ANALYSIS CONDUCTED IN 2004**

**1200 EAST MAIN STREET
CITY OF ROCHESTER
MONROE COUNTY, NEW YORK**

BROWNFIELD PROJECT B-00129-8

Prepared for:



**City of Rochester
Department of Environmental Services**



**B E R G M A N N
Associates**

**Prepared by:
Bergmann Associates
200 First Federal Plaza
28 East Main Street
Rochester, New York 14614**

**2004 SAMPLING AND ANALYSIS
DATA VALIDATED
LABORATORY ANALYTICAL REPORTS**

June 29, 2004

Mr. Gary Flisnik
Bergmann Associates
28 East Main Street
Rochester, NY 14614

Re: BVS - 1214 E. Main Street
Submission # R2421593
SDG # SSU-10

Dear Mr. Flisnik:

Enclosed is the analytical data report for the above referenced facility. A total of one sample were received by our laboratory on June 1, 2004.

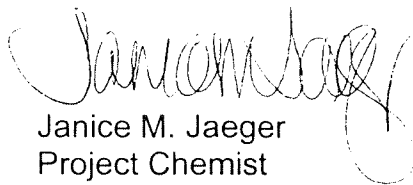
Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

Sincerely,

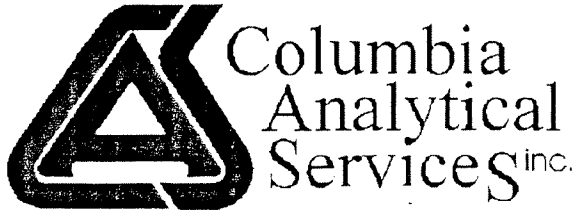
COLUMBIA ANALYTICAL SERVICES



Janice M. Jaeger
Project Chemist

enc.

5071
SSU-10 - ASP
SSU-10 DL
SSU-MS
SSU-MSD



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: BVS - 1214 E. MAIN STREET
Lab Submission # : R2421593
Project Manager : Janice Jaeger
Reported : 06/29/04

Report Contains a total of 34 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. *Richard K. Perry*

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCBs	Metals	Other
SSU-10	731589		X				

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
 SEMIVOLATILE (BNA)
 ANALYSIS

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
731589	SOIL/SEDIMENT	OLM4.2	3550B		1.0
731589	SOIL/SEDIMENT	OLM4.2	3550B		2.0

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA)
ANALYSIS

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
731589	SOIL/SEDIMENT	06/01/04	06/01/04	06/09/04	06/22/04
731589	SOIL/SEDIMENT	06/01/04	06/01/04	06/09/04	06/22/04

CASE NARRATIVE

COMPANY: Bergmann Associates
BVS - 1214 E. Main Street
SUBMISSION #: R2421593

Bergmann sample was received at CAS on 06/01/04 in good condition

SEMIVOLATILE ORGANICS

One soil sample was analyzed for TCL Semivolatiles by CLP method OLM4.2.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits except IS6 for SSU-10MS. IS6 was within limits for SSU-10 and SSU-10MSD.

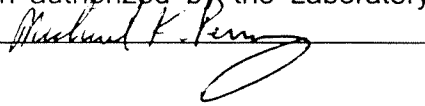
All surrogate standard recoveries were within limits.

Site specific QC was not requested for this sample, however was performed. All outlying MS/MSD and Blank spike recoveries were have been flagged with an "**". No data was affected. All RPD's were within limits except Pyrene and has been flagged with an "**".

Various compounds for SSU-10 have been flagged with an "E" as being outside the calibration range of the instrument. The sample was repeated at a dilution and both sets of data have been reported out.

The Laboratory Blanks associated with these analyses were free of contamination except the 06/09/04 blank contained a low level hit for Bis(2-ethylhexyl)phthalate. All affected data has been flagged with a "B".

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature. 



ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited

NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292



INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because of the presence of interference.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
NELAP Accredited

New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number Ra-21593

Cooler received on 6/1/04 by: cmk COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
 2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
 3. Did all bottles arrive in good condition (unbroken)? YES NO
 4. Did any VOA vials have significant air bubbles? YES NO N/A
 5. Were Ice or Ice packs present? YES NO
 6. Where did the bottles originate? CAS/ROC, CLIENT
 7. Temperature of cooler(s) upon receipt: 10
- Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6-1-04 1535

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples

Cooler Breakdown: Date: 6-2-04 by: HC

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH
 **If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments: _____

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 731589 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG088.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	440		U
111-44-4	bis(-2-Chloroethyl)Ether	440		U
95-57-8	2-Chlorophenol	440		U
541-73-1	1,3-Dichlorobenzene	440		U
106-46-7	1,4-Dichlorobenzene	440		U
95-50-1	1,2-Dichlorobenzene	440		U
108-60-1	2,2'-oxybis(1-Chloropropane)	440		U
95-48-7	2-Methylphenol	440		U
621-24-7	N-Nitroso-Di-n-propylamine	440		U
67-72-1	Hexachloroethane	440		U
106-44-5	4-Methylphenol	440		U
98-95-3	Nitrobenzene	440		U
78-59-1	Isophorone	440		U
88-75-5	2-Nitrophenol	440		U
105-67-9	2,4-Dimethylphenol	440		U
111-91-1	bis(-2-Chloroethoxy)Methane	440		U
120-83-2	2,4-Dichlorophenol	440		U
120-82-1	1,2,4-Trichlorobenzene	440		U
91-20-3	Naphthalene	52		J
106-47-8	4-Chloroaniline	440		U
87-68-3	Hexachlorobutadiene	440		U
59-50-7	4-Chloro-3-methylphenol	440		U
91-57-6	2-Methylnaphthalene	52		J
77-47-4	Hexachlorocyclopentadiene	440		U
88-06-2	2,4,6-Trichlorophenol	440		U
95-95-4	2,4,5-Trichlorophenol	1100		U
91-58-7	2-Chloronaphthalene	440		U
88-74-4	2-Nitroaniline	1100		U
208-96-8	Acenaphthylene	190		J
131-11-3	Dimethyl Phthalate	440		U
606-20-2	2,6-Dinitrotoluene	440		U
83-32-9	Acenaphthene	130		J
99-09-2	3-Nitroaniline	1100		U
51-28-5	2,4-Dinitrophenol	1100		U
132-64-9	Dibenzofuran	110		J
121-14-2	2,4-Dinitrotoluene	440		U
100-02-7	4-Nitrophenol	1100		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 731589 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG088.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		210	J
7005-72-3	4-Chlorophenyl-phenylether		440	U
84-66-2	Diethylphthalate		440	U
100-01-6	4-Nitroaniline		1100	U
534-52-1	4,6-Dinitro-2-methylphenol		1100	U
86-30-6	N-Nitrosodiphenylamine		440	U
101-55-3	4-Bromophenyl-phenylether		440	U
118-74-1	Hexachlorobenzene		440	U
87-86-5	Pentachlorophenol		1100	U
85-01-8	Phenanthrene		2700	
120-12-7	Anthracene		650	
86-74-8	Carbazole		360	J
84-74-2	Di-n-Butylphthalate		210	J
206-44-0	Fluoranthene	<i>5400</i>	5500	E
129-00-0	Pyrene		3500	
85-68-7	Butyl benzyl phthalate		310	J
91-94-1	3,3'-Dichlorobenzidine		440	U
56-55-3	Benzo(a)Anthracene		2200	
218-01-9	Chrysene		2300	
117-81-7	Bis(2-Ethylhexyl)Phthalate	<i>440</i>	330	<i>JBU</i>
117-84-0	Di-n-octyl phthalate		440	U
205-99-2	Benzo(b)fluoranthene		2600	
207-08-9	Benzo(k)Fluoranthene		1000	
50-32-8	Benzo(a)Pyrene		1900	
193-39-5	Indeno(1,2,3-cd)Pyrene		1300	
53-70-3	Dibenz(a,h)anthracene		400	J
191-24-2	Benzo(g,h,i)Perylene		500	
100-52-7	Benzaldehyde		440	U
98-86-2	Acetophenone		440	U
105-60-2	Caprolactam		1100	U
92-52-4	Biphenyl		440	U
1912-24-9	Atrazine		440	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-10

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 731589 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG088.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted: (Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

Number TICs found: 30 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	10.46	560	J E R
2.	unknown hydrocarbon	12.67	580	J B R
3.	unknown	15.46	700	J
4. 000084-65-1	9,10-Anthracenedione	15.91	440	JN
5.	unknown hydrocarbon	20.88	350	J
6.	unknown hydrocarbon	20.93	360	J
7. 1000130-69-4	Tetracosanal	22.03	400	JN
8.	unknown hydrocarbon	22.49	2400	J
9. 000205-99-2	Benz[e]acephenanthrylene	22.87	410	JN
10. 000198-55-0	Perylene	23.41	1600	JN
11. 000192-97-2	Benzo[e]pyrene	23.81	600	JN
12.	unknown hydrocarbon	23.98	1400	J
13.	unknown hydrocarbon	24.54	3800	J
14.	unknown hydrocarbon	24.72	690	J
15.	unknown	25.18	450	J
16.	unknown hydrocarbon	25.45	420	J
17. 1000130-72-5	11-Dodecen-1-ol trifluoroacetate	26.57	1300	JN
18. 000215-58-7	Benzo[b]triphenylene	27.05	470	JN
19.	unknown	27.16	400	J
20.	unknown hydrocarbon	27.27	1200	J
21.	unknown	27.42	410	J
22.	unknown	27.79	1200	J
23. 000215-58-7	Benzo[b]triphenylene	28.01	480	JN
24. 000213-46-7	1,2:7,8-Dibenzophenanthrene	28.18	380	JN
25.	unknown	28.30	400	J
26. 000083-47-6	.gamma.-Sitosterol	28.88	2000	JN
27.	unknown	29.17	360	J
28.	unknown	29.53	550	J
29.	unknown	30.17	1300	J
30.	unknown	30.44	460	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 731589 2.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG104.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		880	U
111-44-4	bis(-2-Chloroethyl)Ether		880	U
95-57-8	2-Chlorophenol		880	U
541-73-1	1,3-Dichlorobenzene		880	U
106-46-7	1,4-Dichlorobenzene		880	U
95-50-1	1,2-Dichlorobenzene		880	U
108-60-1	2,2'-oxybis(1-Chloropropane)		880	U
95-48-7	2-Methylphenol		880	U
621-24-7	N-Nitroso-Di-n-propylamine		880	U
67-72-1	Hexachloroethane		880	U
106-44-5	4-Methylphenol		880	U
98-95-3	Nitrobenzene		880	U
78-59-1	Isophorone		880	U
88-75-5	2-Nitrophenol		880	U
105-67-9	2,4-Dimethylphenol		880	U
111-91-1	bis(-2-Chloroethoxy)Methane		880	U
120-83-2	2,4-Dichlorophenol		880	U
120-82-1	1,2,4-Trichlorobenzene		880	U
91-20-3	Naphthalene		880	U
106-47-8	4-Chloroaniline		880	U
87-68-3	Hexachlorobutadiene		880	U
59-50-7	4-Chloro-3-methylphenol		880	U
91-57-6	2-Methylnaphthalene		880	U
77-47-4	Hexachlorocyclopentadiene		880	U
88-06-2	2,4,6-Trichlorophenol		880	U
95-95-4	2,4,5-Trichlorophenol		2200	U
91-58-7	2-Chloronaphthalene		880	U
88-74-4	2-Nitroaniline		2200	U
208-96-8	Acenaphthylene		220	JD
131-11-3	Dimethyl Phthalate		880	U
606-20-2	2,6-Dinitrotoluene		880	U
83-32-9	Acenaphthene		140	JD
99-09-2	3-Nitroaniline		2200	U
51-28-5	2,4-Dinitrophenol		2200	U
132-64-9	Dibenzofuran		120	JD
121-14-2	2,4-Dinitrotoluene		880	U
100-02-7	4-Nitrophenol		2200	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 731589 2.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG104.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		220	JD
7005-72-3	4-Chlorophenyl-phenylether		880	U
84-66-2	Diethylphthalate		880	U
100-01-6	4-Nitroaniline		2200	U
534-52-1	4,6-Dinitro-2-methylphenol		2200	U
86-30-6	N-Nitrosodiphenylamine		880	U
101-55-3	4-Bromophenyl-phenylether		880	U
118-74-1	Hexachlorobenzene		880	U
87-86-5	Pentachlorophenol		2200	U
85-01-8	Phenanthrene		2900	D
120-12-7	Anthracene		670	JD
86-74-8	Carbazole		370	JD
84-74-2	Di-n-Butylphthalate		220	JD
206-44-0	Fluoranthene		5400	D
129-00-0	Pyrene		3700	D
85-68-7	Butyl benzyl phthalate		310	JD
91-94-1	3,3'-Dichlorobenzidine		880	U
56-55-3	Benzo(a)Anthracene		2300	D
218-01-9	Chrysene		2500	D
117-81-7	Bis(2-Ethylhexyl)Phthalate		350	JBD
117-84-0	Di-n-octyl phthalate		880	U
205-99-2	Benzo(b)fluoranthene		3000	D
207-08-9	Benzo(k)Fluoranthene		1000	D
50-32-8	Benzo(a)Pyrene		2000	D
193-39-5	Indeno(1,2,3-cd)Pyrene		1500	D
53-70-3	Dibenz(a,h)anthracene		440	JD
191-24-2	Benzo(g,h,i)Perylene		600	JD
100-52-7	Benzaldehyde		880	U
98-86-2	Acetophenone		880	U
105-60-2	Caprolactam		2200	U
92-52-4	Biphenyl		880	U
1912-24-9	Atrazine		880	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.
TENTATIVELY IDENTIFIED COMPOUNDS

SSU-10 DL

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 731589 2.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG104.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted: (Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 2.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

Number TICs found: 30 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	10.48	620	JD g
2.	unknown hydrocarbon	12.69	630	JD g
3.	unknown PAH	15.22	350	JD
4.	unknown	15.49	830	JD
5.	unknown	15.79	430	JD
6.	035465-71-5 2-Phenylanthalene	15.87	340	JND
7.	000084-65-1 9,10-Anthracenedione	15.94	580	JND
8.	unknown hydrocarbon	19.49	510	JD
9.	unknown hydrocarbon	20.90	520	JD
10.	unknown hydrocarbon	20.95	410	JD
11.	unknown	21.68	16000	JD
12.	1000130-69-4 Tetracosanal	22.06	560	JND
13.	unknown	22.20	530	JD
14.	unknown hydrocarbon	22.52	3000	JD
15.	000205-82-3 Benzo[j]fluoranthene	22.91	550	JND
16.	000192-97-2 Benzo[e]pyrene	23.44	2100	JND
17.	unknown	23.86	580	JD
18.	077899-10-6 (Z)14-Tricosenyl formate	24.01	1800	JND
19.	unknown hydrocarbon	24.56	4400	JD
20.	unknown	25.21	600	JD
21.	unknown	25.49	530	JD
22.	unknown hydrocarbon	26.61	1400	JD
23.	unknown	27.21	370	JD
24.	unknown hydrocarbon	27.32	1300	JD
25.	unknown	27.84	1300	JD
26.	000215-58-7 Benzo[b]triphenylene	28.07	530	JND
27.	000083-47-6 .gamma.-Sitosterol	28.93	1400	JND
28.	unknown	29.46	420	JD
29.	unknown	29.57	700	JD
30.	unknown	30.24	1300	JD

COLUMBIA ANALYTICAL SERVICES

Reported: 06/30/04

Bergmann Associates, P.C.
Project Reference: BVS - 1214 E. MAIN STREET
Client Sample ID : SSU-10

Date Sampled : 06/01/04 Order #: 731589 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/01/04 Submission #: R2421593

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.3M	1.0	76.2	%	06/09/04	09:00	1.0
PH	9040/9	1.00	7.11		06/14/04	17:10	1.0

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 [PHL] #	S3 #	S4 #	S5 (NBZ) #	S6 (FBP) #	S7 #	S8 (TPH) #	TOT OUT
01	SBLK1	56	71	70	56	70	78	101	104	0
02	SBLK1MS	68	84	84	69	85	90	109	100	0
03	SSU-10	56	71	71	54	76	79	94	76	0
04	SSU-10MS	57	77	74	53	79	89	103	77	0
05	SSU-10MSD	57	74	72	55	79	84	89	72	0
06	SSU-10 DL	59	75	73	58	81	83	92	81	0

QC LIMITS

S1 (2FP) = 2-Fluorophenol (25-121)
 S2 [PHL] = Phenol-d6 (24-113)
 S3 = 2-Chlorophenol-d4 (20-130)
 S4 = 1,2-Dichlorobenzene-d4 (20-130)
 S5 (NBZ) = Nitrobenzene-d5 (23-120)
 S6 (FBP) = 2-Fluorobiphenyl (30-115)
 S7 = 2,4,6-Tribromophenol (19-122)
 S8 (TPH) = Terphenyl-d14 (18-137)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogate diluted out

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix Spike - EPA Sample No. SBLK1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	2500	0.0	2300	92	12 - 110
2-Chlorophenol	2500	0.0	2200	88	27 - 123
1,4-Dichlorobenzene	1700	0.0	1300	76	36 - 97
N-Nitroso-Di-n-propylamine	1700	0.0	1500	88	41 - 116
1,2,4-Trichlorobenzene	1700	0.0	1400	82	39 - 98
4-Chloro-3-methylphenol	2500	0.0	2500	100 *	23 - 97
Acenaphthene	1700	0.0	1500	88	46 - 118
2,4-Dinitrotoluene	1700	0.0	1800	106 *	24 - 96
4-Nitrophenol	2500	0.0	2900	116 *	10 - 80
Pentachlorophenol	2500	0.0	3000	120 *	9 - 103
Pyrene	1700	0.0	1700	100	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 4 out of 11 outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 736999 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG087.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		2300	
111-44-4	bis(-2-Chloroethyl)Ether		330	U
95-57-8	2-Chlorophenol		2200	
541-73-1	1,3-Dichlorobenzene		330	U
106-46-7	1,4-Dichlorobenzene		1300	
95-50-1	1,2-Dichlorobenzene		330	U
108-60-1	2,2'-oxybis(1-Chloropropane)		330	U
95-48-7	2-Methylphenol		330	U
621-24-7	N-Nitroso-Di-n-propylamine		1500	
67-72-1	Hexachloroethane		330	U
106-44-5	4-Methylphenol		330	U
98-95-3	Nitrobenzene		330	U
78-59-1	Isophorone		330	U
88-75-5	2-Nitrophenol		330	U
105-67-9	2,4-Dimethylphenol		330	U
111-91-1	bis(-2-Chloroethoxy)Methane		330	U
120-83-2	2,4-Dichlorophenol		330	U
120-82-1	1,2,4-Trichlorobenzene		1400	
91-20-3	Naphthalene		330	U
106-47-8	4-Chloroaniline		330	U
87-68-3	Hexachlorobutadiene		330	U
59-50-7	4-Chloro-3-methylphenol		2500	
91-57-6	2-Methylnaphthalene		330	U
77-47-4	Hexachlorocyclopentadiene		330	U
88-06-2	2,4,6-Trichlorophenol		330	U
95-95-4	2,4,5-Trichlorophenol		830	U
91-58-7	2-Chloronaphthalene		330	U
88-74-4	2-Nitroaniline		830	U
208-96-8	Acenaphthylene		330	U
131-11-3	Dimethyl Phthalate		330	U
606-20-2	2,6-Dinitrotoluene		330	U
83-32-9	Acenaphthene		1500	
99-09-2	3-Nitroaniline		830	U
51-28-5	2,4-Dinitrophenol		830	U
132-64-9	Dibenzofuran		330	U
121-14-2	2,4-Dinitrotoluene		1800	
100-02-7	4-Nitrophenol		2900	E

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10

Matrix: (soil/water) SOIL Lab Sample ID: 736999 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AG087.D

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

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		330	U
7005-72-3	4-Chlorophenyl-phenylether		330	U
84-66-2	Diethylphthalate		330	U
100-01-6	4-Nitroaniline		830	U
534-52-1	4,6-Dinitro-2-methylphenol		830	U
86-30-6	N-Nitrosodiphenylamine		330	U
101-55-3	4-Bromophenyl-phenylether		330	U
118-74-1	Hexachlorobenzene		330	U
87-86-5	Pentachlorophenol		3000	E
85-01-8	Phenanthrene		330	U
120-12-7	Anthracene		330	U
86-74-8	Carbazole		330	U
84-74-2	Di-n-Butylphthalate		330	U
206-44-0	Fluoranthene		330	U
129-00-0	Pyrene		1700	
85-68-7	Butyl benzyl phthalate		330	U
91-94-1	3,3'-Dichlorobenzidine		330	U
56-55-3	Benzo(a)Anthracene		330	U
218-01-9	Chrysene		330	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		330	U
117-84-0	Di-n-octyl phthalate		330	U
205-99-2	Benzo(b)fluoranthene		330	U
207-08-9	Benzo(k)Fluoranthene		330	U
50-32-8	Benzo(a)Pyrene		330	U
193-39-5	Indeno(1,2,3-cd)Pyrene		330	U
53-70-3	Dibenz(a,h)anthracene		330	U
191-24-2	Benzo(g,h,i)Perylene		330	U
100-52-7	Benzaldehyde		330	U
98-86-2	Acetophenone		330	U
105-60-2	Caprolactam		830	U
92-52-4	Biphenyl		330	U
1912-24-9	Atrazine		330	U

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix Spike - EPA Sample No. SSU-10 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	3300	0.0	2800	85	26 - 90
2-Chlorophenol	3300	0.0	2500	76	25 - 102
1,4-Dichlorobenzene	2200	0.0	1300	59	28 - 104
N-Nitroso-Di-n-propylamine	2200	0.0	1900	86	41 - 126
1,2,4-Trichlorobenzene	2200	0.0	1600	73	38 - 107
4-Chloro-3-methylphenol	3300	0.0	3200	97	26 - 103
Acenaphthene	2200	130	2200	95	31 - 137
2,4-Dinitrotoluene	2200	0.0	2200	100 *	28 - 89
4-Nitrophenol	3300	0.0	3300	100	11 - 114
Pentachlorophenol	3300	0.0	3800	115 *	17 - 109
Pyrene	2200	3500	6000	114	35 - 142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	3300	2600	79	7	35	26 - 90
2-Chlorophenol	3300	2500	76	0	50	25 - 102
1,4-Dichlorobenzene	2200	1400	64	8	27	28 - 104
N-Nitroso-Di-n-propylamine	2200	1800	82	5	38	41 - 126
1,2,4-Trichlorobenzene	2200	1600	73	0	23	38 - 107
4-Chloro-3-methylphenol	3300	2900	88	10	33	26 - 103
Acenaphthene	2200	1900	82	15	19	31 - 137
2,4-Dinitrotoluene	2200	2100	95 *	5	47	28 - 89
4-Nitrophenol	3300	3000	91	9	50	11 - 114
Pentachlorophenol	3300	3300	100	14	47	17 - 109
Pyrene	2200	4500	45	87 *	36	35 - 142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 11 outside limits

Spike Recovery: 3 out of 22 outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 737000 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG089.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	2800		
111-44-4	bis(-2-Chloroethyl)Ether	440		U
95-57-8	2-Chlorophenol	2500		
541-73-1	1,3-Dichlorobenzene	440		U
106-46-7	1,4-Dichlorobenzene	1300		
95-50-1	1,2-Dichlorobenzene	440		U
108-60-1	2,2'-oxybis(1-Chloropropane)	440		U
95-48-7	2-Methylphenol	440		U
621-24-7	N-Nitroso-Di-n-propylamine	1900		
67-72-1	Hexachloroethane	440		U
106-44-5	4-Methylphenol	440		U
98-95-3	Nitrobenzene	440		U
78-59-1	Isophorone	440		U
88-75-5	2-Nitrophenol	440		U
105-67-9	2,4-Dimethylphenol	440		U
111-91-1	bis(-2-Chloroethoxy)Methane	440		U
120-83-2	2,4-Dichlorophenol	440		U
120-82-1	1,2,4-Trichlorobenzene	1600		
91-20-3	Naphthalene	59		J
106-47-8	4-Chloroaniline	440		U
87-68-3	Hexachlorobutadiene	440		U
59-50-7	4-Chloro-3-methylphenol	3200		
91-57-6	2-Methylnaphthalene	69		J
77-47-4	Hexachlorocyclopentadiene	440		U
88-06-2	2,4,6-Trichlorophenol	440		U
95-95-4	2,4,5-Trichlorophenol	1100		U
91-58-7	2-Chloronaphthalene	440		U
88-74-4	2-Nitroaniline	1100		U
208-96-8	Acenaphthylene	220		J
131-11-3	Dimethyl Phthalate	440		U
606-20-2	2,6-Dinitrotoluene	440		U
83-32-9	Acenaphthene	2200		
99-09-2	3-Nitroaniline	1100		U
51-28-5	2,4-Dinitrophenol	1100		U
132-64-9	Dibenzofuran	160		J
121-14-2	2,4-Dinitrotoluene	2200		
100-02-7	4-Nitrophenol	3300		

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 737000 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG089.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	310		J
7005-72-3	4-Chlorophenyl-phenylether	440		U
84-66-2	Diethylphthalate	440		U
100-01-6	4-Nitroaniline	1100		U
534-52-1	4,6-Dinitro-2-methylphenol	1100		U
86-30-6	N-Nitrosodiphenylamine	440		U
101-55-3	4-Bromophenyl-phenylether	440		U
118-74-1	Hexachlorobenzene	440		U
87-86-5	Pentachlorophenol	3800		E
85-01-8	Phenanthrene	3800		E
120-12-7	Anthracene	960		
86-74-8	Carbazole	460		
84-74-2	Di-n-Butylphthalate	140		J
206-44-0	Fluoranthene	6900		E
129-00-0	Pyrene	6000		E
85-68-7	Butyl benzyl phthalate	130		J
91-94-1	3,3'-Dichlorobenzidine	440		U
56-55-3	Benzo(a)Anthracene	2600		
218-01-9	Chrysene	2700		
117-81-7	Bis(2-Ethylhexyl)Phthalate	350		JB
117-84-0	Di-n-octyl phthalate	440		U
205-99-2	Benzo(b)fluoranthene	3300		
207-08-9	Benzo(k)Fluoranthene	1300		
50-32-8	Benzo(a)Pyrene	2300		
193-39-5	Indeno(1,2,3-cd)Pyrene	1600		
53-70-3	Dibenz(a,h)anthracene	480		
191-24-2	Benzo(g,h,i)Perylene	550		
100-52-7	Benzaldehyde	440		U
98-86-2	Acetophenone	440		U
105-60-2	Caprolactam	1100		U
92-52-4	Biphenyl	440		U
1912-24-9	Atrazine	440		U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 737001 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG090.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		2600	
111-44-4	bis(-2-Chloroethyl)Ether		440	U
95-57-8	2-Chlorophenol		2500	
541-73-1	1,3-Dichlorobenzene		440	U
106-46-7	1,4-Dichlorobenzene		1400	
95-50-1	1,2-Dichlorobenzene		440	U
108-60-1	2,2'-oxybis(1-Chloropropane)		440	U
95-48-7	2-Methylphenol		440	U
621-24-7	N-Nitroso-Di-n-propylamine		1800	
67-72-1	Hexachloroethane		440	U
106-44-5	4-Methylphenol		440	U
98-95-3	Nitrobenzene		440	U
78-59-1	Isophorone		440	U
88-75-5	2-Nitrophenol		440	U
105-67-9	2,4-Dimethylphenol		440	U
111-91-1	bis(-2-Chloroethoxy)Methane		440	U
120-83-2	2,4-Dichlorophenol		440	U
120-82-1	1,2,4-Trichlorobenzene		1600	
91-20-3	Naphthalene		50	J
106-47-8	4-Chloroaniline		440	U
87-68-3	Hexachlorobutadiene		440	U
59-50-7	4-Chloro-3-methylphenol		2900	
91-57-6	2-Methylnaphthalene		53	J
77-47-4	Hexachlorocyclopentadiene		440	U
88-06-2	2,4,6-Trichlorophenol		440	U
95-95-4	2,4,5-Trichlorophenol		1100	U
91-58-7	2-Chloronaphthalene		440	U
88-74-4	2-Nitroaniline		1100	U
208-96-8	Acenaphthylene		200	J
131-11-3	Dimethyl Phthalate		440	U
606-20-2	2,6-Dinitrotoluene		440	U
83-32-9	Acenaphthene		1900	
99-09-2	3-Nitroaniline		1100	U
51-28-5	2,4-Dinitrophenol		1100	U
132-64-9	Dibenzofuran		100	J
121-14-2	2,4-Dinitrotoluene		2100	
100-02-7	4-Nitrophenol		3000	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-10MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 737001 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG090.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.11

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	180		J
7005-72-3	4-Chlorophenyl-phenylether	440		U
84-66-2	Diethylphthalate	440		U
100-01-6	4-Nitroaniline	1100		U
534-52-1	4,6-Dinitro-2-methylphenol	1100		U
86-30-6	N-Nitrosodiphenylamine	440		U
101-55-3	4-Bromophenyl-phenylether	440		U
118-74-1	Hexachlorobenzene	440		U
87-86-5	Pentachlorophenol	3300		
85-01-8	Phenanthrene	2400		
120-12-7	Anthracene	560		
86-74-8	Carbazole	340		J
84-74-2	Di-n-Butylphthalate	110		J
206-44-0	Fluoranthene	4900		E
129-00-0	Pyrene	4500		E
85-68-7	Butyl benzyl phthalate	110		J
91-94-1	3,3'-Dichlorobenzidine	440		U
56-55-3	Benzo(a)Anthracene	1900		
218-01-9	Chrysene	2100		
117-81-7	Bis(2-Ethylhexyl)Phthalate	300		JB
117-84-0	Di-n-octyl phthalate	440		U
205-99-2	Benzo(b)fluoranthene	2400		
207-08-9	Benzo(k)Fluoranthene	910		
50-32-8	Benzo(a)Pyrene	1700		
193-39-5	Indeno(1,2,3-cd)Pyrene	1200		
53-70-3	Dibenz(a,h)anthracene	370		J
191-24-2	Benzo(g,h,i)Perylene	380		J
100-52-7	Benzaldehyde	440		U
98-86-2	Acetophenone	440		U
105-60-2	Caprolactam	1100		U
92-52-4	Biphenyl	440		U
1912-24-9	Atrazine	440		U

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Lab File ID: AG086.D Lab Sample ID: 736998 1.0
 Instrument ID: 5973-C Date Extracted: 6/9/04
 Matrix: (soil/water) SOIL Date Analyzed: 6/21/04
 Level: (low/med) LOW Time Analyzed: 22:49

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1MS	736999 1.0	AG087.D	6/21/04
02	SSU-10	731589 1.0	AG088.D	6/22/04
03	SSU-10MS	737000 1.0	AG089.D	6/22/04
04	SSU-10MSD	737001 1.0	AG090.D	6/22/04
05	SSU-10 DL	731589 2.0	AG104.D	6/22/04

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 736998 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG086.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		330	U
111-44-4	bis(-2-Chloroethyl)Ether		330	U
95-57-8	2-Chlorophenol		330	U
541-73-1	1,3-Dichlorobenzene		330	U
106-46-7	1,4-Dichlorobenzene		330	U
95-50-1	1,2-Dichlorobenzene		330	U
108-60-1	2,2'-oxybis(1-Chloropropane)		330	U
95-48-7	2-Methylphenol		330	U
621-24-7	N-Nitroso-Di-n-propylamine		330	U
67-72-1	Hexachloroethane		330	U
106-44-5	4-Methylphenol		330	U
98-95-3	Nitrobenzene		330	U
78-59-1	Isophorone		330	U
88-75-5	2-Nitrophenol		330	U
105-67-9	2,4-Dimethylphenol		330	U
111-91-1	bis(-2-Chloroethoxy)Methane		330	U
120-83-2	2,4-Dichlorophenol		330	U
120-82-1	1,2,4-Trichlorobenzene		330	U
91-20-3	Naphthalene		330	U
106-47-8	4-Chloroaniline		330	U
87-68-3	Hexachlorobutadiene		330	U
59-50-7	4-Chloro-3-methylphenol		330	U
91-57-6	2-Methylnaphthalene		330	U
77-47-4	Hexachlorocyclopentadiene		330	U
88-06-2	2,4,6-Trichlorophenol		330	U
95-95-4	2,4,5-Trichlorophenol		830	U
91-58-7	2-Chloronaphthalene		330	U
88-74-4	2-Nitroaniline		830	U
208-96-8	Acenaphthylene		330	U
131-11-3	Dimethyl Phthalate		330	U
606-20-2	2,6-Dinitrotoluene		330	U
83-32-9	Acenaphthene		330	U
99-09-2	3-Nitroaniline		830	U
51-28-5	2,4-Dinitrophenol		830	U
132-64-9	Dibenzofuran		330	U
121-14-2	2,4-Dinitrotoluene		330	U
100-02-7	4-Nitrophenol		830	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 736998 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG086.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
84-66-2	Diethylphthalate	330		U
100-01-6	4-Nitroaniline	830		U
534-52-1	4,6-Dinitro-2-methylphenol	830		U
86-30-6	N-Nitrosodiphenylamine	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	830		U
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-Butylphthalate	330		U
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	330		U
85-68-7	Butyl benzyl phthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	330		U
56-55-3	Benzo(a)Anthracene	330		U
218-01-9	Chrysene	330		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	39		J
117-84-0	Di-n-octyl phthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)Fluoranthene	330		U
50-32-8	Benzo(a)Pyrene	330		U
193-39-5	Indeno(1,2,3-cd)Pyrene	330		U
53-70-3	Dibenz(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)Perylene	330		U
100-52-7	Benzaldehyde	330		U
98-86-2	Acetophenone	330		U
105-60-2	Caprolactam	830		U
92-52-4	Biphenyl	330		U
1912-24-9	Atrazine	330		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Matrix: (soil/water) SOIL Lab Sample ID: 736998 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG086.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted: (Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.28	120	J
2.	unknown	4.34	130	J
3.	unknown	4.39	140	J
4.	unknown	10.18	76	J
5.	unknown hydrocarbon	10.46	90	J
6.	unknown hydrocarbon	12.67	320	J

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Lab File ID (Standard): AG078.D Date Analyzed: 6/21/04
 Instrument ID: 5973-C Time Analyzed: 17:28

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		118723	5.98	417647	7.74	194783	10.97
UPPER LIMIT		237446	6.48	835294	8.24	389566	11.47
LOWER LIMIT		59362	5.48	208824	7.24	97392	10.47
EPA SAMPLE NO.							
01	SBLK1	124366	5.96	461477	7.73	226440	10.95
02	SBLK1MS	123691	5.97	450900	7.74	216253	10.97
03	SSU-10	126539	5.96	457080	7.73	221016	10.95
04	SSU-10MS	143228	5.98	515274	7.74	242349	10.98
05	SSU-10MSD	134225	5.96	476287	7.73	217893	10.96

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Lab File ID (Standard): AG078.D Date Analyzed: 06/21/04
 Instrument ID: 5973-C Time Analyzed: 17:28

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		302265	14.12	254932	20.00	233179	23.73
UPPER LIMIT		604530	13.62	509864	19.50	466358	23.23
LOWER LIMIT		151133	14.62	127466	20.50	116590	24.23
EPA SAMPLE NO.							
01	SBLK1	353806	14.11	277032	19.98	240211	23.70
02	SBLK1MS	345926	14.12	284497	19.99	255879	23.73
03	SSU-10	359091	14.11	361088	19.99	425646	23.72
04	SSU-10MS	373041	14.13	386553	20.01	478250 *	23.76
05	SSU-10MSD	341526	14.11	357098	19.99	448672	23.74

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Lab File ID (Standard): AG101.D Date Analyzed: 6/22/04
 Instrument ID: 5973-C Time Analyzed: 12:16

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	88979	5.96	338888	7.73	175410	10.96
UPPER LIMIT	177958	6.46	677776	8.23	350820	11.46
LOWER LIMIT	44490	5.46	169444	7.23	87705	10.46
EPA SAMPLE NO.						
01 SSU-10 DL	92139	5.97	352927	7.74	185420	10.98

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421593 SAS No.: _____ SDG No.: SSU-10
 Lab File ID (Standard): AG101.D Date Analyzed: 06/22/04
 Instrument ID: 5973-C Time Analyzed: 12:16

	IS4(PHN)		IS5(CRY)		IS6(PRY)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	299162	14.11	272877	19.99	242971	23.72
UPPER LIMIT	598324	13.61	545754	19.49	485942	23.22
LOWER LIMIT	149581	14.61	136439	20.49	121486	24.22
EPA SAMPLE NO.						
01 SSU-10 DL	305414	14.13	308856	20.01	346826	23.77

- IS1 (DCB) = d4-1,4-Dichlorobenzene
- IS2 (NPT) = d8-Naphthalene
- IS3 (ANT) = d10-Acenaphthene
- IS4 (PHN) = d10-Phenanthrene
- IS5 (CRY) = d12-Chrysene
- IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

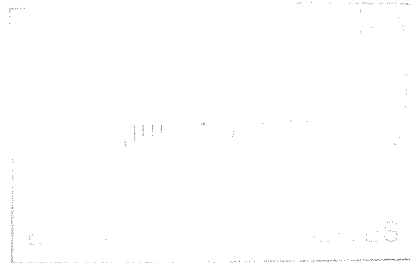
Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits



July 12, 2004

Mr. Gary Flisnik
Bergmann Associates
28 East Main Street
Rochester, NY 14614



Re: BVS - 1214 E. Main Street
Submission # R2421594
SDG # SSU-8

of. No. _____
Org./Enc. CAE
Full Copy _____
oversheet Only COVE

Dear Mr. Flisnik:

Enclosed is the analytical data report for the above referenced facility. A total of four samples were received by our laboratory on June 1-4, 2004.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

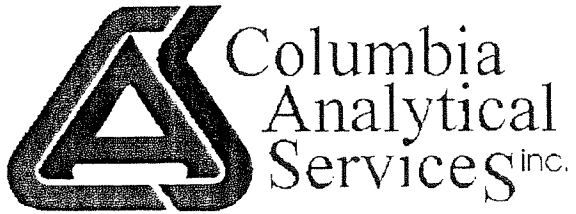
Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice M. Jaeger
Janice M. Jaeger
Project Chemist

enc.

5051
SSU-8
SSU-9 } SW-846
SSU-11
SSU-11 DUP }
MS/MSD



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: BVS - 1214 E. MAIN STREET
Lab Submission # : R2421594
Project Manager : Janice Jaeger
Reported : 06/30/04

Report Contains a total of 42 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. *Michael K. Perry*

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCBs	Metals	Other
SSU-8	731590		X				X
SSU-9	731591		X				X
SSU-11	732562		X				X
SSU-11 DUP	732563		X				X

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
 SEMIVOLATILE (BNA)
 ANALYSIS

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
731590	SOIL/SEDIMENT	06/01/04	06/01/04	06/09/04	06/23/04
731591	SOIL/SEDIMENT	06/01/04	06/01/04	06/09/04	06/23/04
732562	SOIL/SEDIMENT	06/04/04	06/04/04	06/09/04	06/23/04
732563	SOIL/SEDIMENT	06/04/04	06/04/04	06/09/04	06/22/04

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
 SEMIVOLATILE (BNA)
 ANALYSIS

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
731590	SOIL/SEDIMENT	OLM4.2	3550B		1.0
731591	SOIL/SEDIMENT	OLM4.2	3550B		1.0
732562	SOIL/SEDIMENT	OLM4.2	3550B		1.0
732563	SOIL/SEDIMENT	OLM4.2	3550B		2.0

CASE NARRATIVE

COMPANY: Bergmann Associates
BVS - 1214 E. Main Street
SUBMISSION #: R2421594

Bergmann samples were received at CAS on 06/01-04/04 in good condition

SEMIVOLATILE ORGANICS

Four soil samples were analyzed for TCL Semivolatiles by CLP method OLM4.2.

All the initial and continuing calibration criteria were met for all analytes.

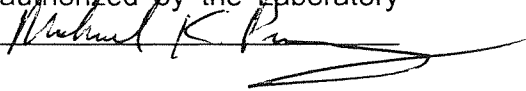
All internal standard areas were within QC limits.

All surrogate standard recoveries were within limits except seven out of eight surrogates were outside limits high for SSU-11 and have been flagged with an "***". The sample was repeated and again the surrogates were outside limits. It appears that the sample may have been double spiked with the surrogate solution. The sample could not be re-extracted within holding time.

Site specific QC was not requested for these samples. All Blank spike recoveries were within limits except 4-Chloro-3-methylphenol, 2,4-Dinitrotoluene, 4-Nitrophenol and Pentachlorophenol were outside limits high and have been flagged with an "***". No data was affected.

The Laboratory Blanks associated with these analyses were free of contamination except the SBLK1 contained a low level hit for Bis(2-ethylhexyl)phthalate. All affected data has been flagged with a "B".

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature. 



ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited

NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292



INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL).
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because of the presence of interference.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
NELAP Accredited

New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475

PAGE 1 OF 1

SR # _____
CAS Contact _____

Project Name <u>LINE MAINT</u>		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager <u>CARY TUSNIK</u>		Report CC		PRESERVATIVE													
Company/Address <u>Environmental Associates</u> <u>250 MUSTARD ST SUITE 250</u> <u>ROCHESTER, NY 14609</u>		Phone # <u>585 288-5380</u>		FAX# <u>585 282-1052</u>		NUMBER OF CONTAINERS GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP GC/MS SVOA's <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)											
Sampler's Signature <u>[Signature]</u>		Sampler's Printed Name <u>JIM MARSCHALLER</u>															
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE TIME		MATRIX	REMARKS/ ALTERNATE DESCRIPTION												
<u>SSU-8</u>	<u>731590</u>	<u>6/1/04</u>	<u>1530</u>	<u>1</u>													
<u>SSU-10</u>		<u>6/1/04</u>	<u>1415</u>	<u>3</u>	<u>8</u>	<u>TO INCLUDE MS/MSD AS PER FORM 8270</u>											
<u>SSU-9</u>	<u>91</u>	<u>6/1/04</u>	<u>1050</u>	<u>3</u>	<u>2</u>												
SPECIAL INSTRUCTIONS/COMMENTS Metals <u>SSU-11 TO BE COLLECTED</u> <u>WITHIN APPROX 200'</u> <u>(SEE MAP)</u> <u>Analyze all samples</u> <u>by ACP protocol, ASPB</u> <u>package for SSU-10 &</u> <u>ASPA package for</u> <u>SSU-8 & SSU-9 as per</u> <u>Jim Marschaller JMW 6/2/04</u>					TURNAROUND REQUIREMENTS <input type="checkbox"/> RUSH (SURCHARGES APPLY) <input type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/> STANDARD			REPORT REQUIREMENTS <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required) <input checked="" type="checkbox"/> III. Results + QC and Calibration Summaries <input type="checkbox"/> IV. Data Validation Report with Raw Data <input type="checkbox"/> V. Specialized Forms / Custom Report Edata <input type="checkbox"/> Yes <input type="checkbox"/> No			INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: _____						
SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N					RELINQUISHED BY			RECEIVED BY			RELINQUISHED BY			RECEIVED BY			
Signature <u>JIM MARSCHALLER</u>					Signature <u>Christina M. Kuben</u>			Signature			Signature			Signature			
Printed Name <u>Environmental Assoc</u>					Printed Name <u>Christina M. Kuben</u>			Printed Name			Printed Name			Printed Name			
Firm <u>6/1/04 1535</u>					Firm <u>CAS</u>			Firm			Firm			Firm			
Date/Time <u>6/1/04 1535</u>					Date/Time			Date/Time			Date/Time			Date/Time			

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number RD-21594

Cooler received on 6/1/04 by: cmk COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC CLIENT
7. Temperature of cooler(s) upon receipt: 10

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6-1-04 1535

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 6-2-04 by: HE

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH

**If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2	

Other Comments:

Project Name 1200 E. MAIN STREET		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager CARLY FLISQIK		Report CC		PRESERVATIVE 0													
Company/Address BERGMAN ASSOC 28 E. MAIN ST ROCHESTER, NY 14614				NUMBER OF CONTAINERS	GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP PCBS <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)	Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____											
Phone # 232-5135		FAX# 232-4652															
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name MARZSCHNER															
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE TIME		MATRIX	REMARKS/ ALTERNATE DESCRIPTION												
SSO-11	732562	6/4/04	1245	SOIL	12												
SSO-11 DUP	63	6/4/04	1245	SOIL	1												

SPECIAL INSTRUCTIONS/COMMENTS Metals	TURNAROUND REQUIREMENTS <input type="checkbox"/> RUSH (SURCHARGES APPLY) <input type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/> STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____	REPORT REQUIREMENTS <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required) <input type="checkbox"/> III. Results + QC and Calibration Summaries <input checked="" type="checkbox"/> IV. Data Validation Report with Raw Data <input checked="" type="checkbox"/> V. Specialized Forms / Custom Report Edata <input type="checkbox"/> Yes <input type="checkbox"/> No	INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: _____
	SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N		

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature <i>[Signature]</i>	Signature <i>[Signature]</i>	Signature	Signature	Signature	Signature
Printed Name MARZSCHNER	Printed Name Christine M Kutera	Printed Name	Printed Name	Printed Name	Printed Name
Firm WYLOX@300	Firm CAS	Firm	Firm	Firm	Firm
Date/Time	Date/Time 6-4-04 1300	Date/Time	Date/Time	Date/Time	Date/Time

Cooler Receipt And Preservation Check Form

Project/Client BER Submission Number R2421594

Cooler received on 6/4/04 by: cmk COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 9c

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No 4 hr Rule No No No

Date/Time Temperatures Taken: 6-4-04 1300

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 6/7/04 by: cmk

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____
 **If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2			

Other Comments:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-8

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 731590 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG114.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 29.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.44

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		480	U
111-44-4	bis(-2-Chloroethyl)Ether		480	U
95-57-8	2-Chlorophenol		480	U
541-73-1	1,3-Dichlorobenzene		480	U
106-46-7	1,4-Dichlorobenzene		480	U
95-50-1	1,2-Dichlorobenzene		480	U
108-60-1	2,2'-oxybis(1-Chloropropane)		480	U
95-48-7	2-Methylphenol		480	U
621-24-7	N-Nitroso-Di-n-propylamine		480	U
67-72-1	Hexachloroethane		480	U
106-44-5	4-Methylphenol		480	U
98-95-3	Nitrobenzene		480	U
78-59-1	Isophorone		480	U
88-75-5	2-Nitrophenol		480	U
105-67-9	2,4-Dimethylphenol		480	U
111-91-1	bis(-2-Chloroethoxy)Methane		480	U
120-83-2	2,4-Dichlorophenol		480	U
120-82-1	1,2,4-Trichlorobenzene		480	U
91-20-3	Naphthalene		60	J
106-47-8	4-Chloroaniline		480	U
87-68-3	Hexachlorobutadiene		480	U
59-50-7	4-Chloro-3-methylphenol		480	U
91-57-6	2-Methylnaphthalene		48	J
77-47-4	Hexachlorocyclopentadiene		480	U
88-06-2	2,4,6-Trichlorophenol		480	U
95-95-4	2,4,5-Trichlorophenol		1200	U
91-58-7	2-Chloronaphthalene		480	U
88-74-4	2-Nitroaniline		1200	U
208-96-8	Acenaphthylene		55	J
131-11-3	Dimethyl Phthalate		480	U
606-20-2	2,6-Dinitrotoluene		480	U
83-32-9	Acenaphthene		79	J
99-09-2	3-Nitroaniline		1200	U
51-28-5	2,4-Dinitrophenol		1200	U J
132-64-9	Dibenzofuran		53	J
121-14-2	2,4-Dinitrotoluene		480	U
100-02-7	4-Nitrophenol		1200	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SSU-8

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 731590 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG114.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 29.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.44

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		78	J
7005-72-3	4-Chlorophenyl-phenylether		480	U
84-66-2	Diethylphthalate		480	U
100-01-6	4-Nitroaniline		1200	U
534-52-1	4,6-Dinitro-2-methylphenol		1200	U
86-30-6	N-Nitrosodiphenylamine		480	U
101-55-3	4-Bromophenyl-phenylether		480	U
118-74-1	Hexachlorobenzene		480	U
87-86-5	Pentachlorophenol		1200	U
85-01-8	Phenanthrene		900	
120-12-7	Anthracene		240	J
86-74-8	Carbazole		130	J
84-74-2	Di-n-Butylphthalate		120	J
206-44-0	Fluoranthene		1800	
129-00-0	Pyrene		1100	
85-68-7	Butyl benzyl phthalate		440	J
91-94-1	3,3'-Dichlorobenzidine		480	U
56-55-3	Benzo(a)Anthracene		680	
218-01-9	Chrysene		800	
117-81-7	Bis(2-Ethylhexyl)Phthalate	480	210	JB U
117-84-0	Di-n-octyl phthalate		480	U
205-99-2	Benzo(b)fluoranthene		1100	
207-08-9	Benzo(k)Fluoranthene		430	J
50-32-8	Benzo(a)Pyrene		700	
193-39-5	Indeno(1,2,3-cd)Pyrene		470	J
53-70-3	Dibenz(a,h)anthracene		140	J
191-24-2	Benzo(g,h,i)Perylene		140	J
100-52-7	Benzaldehyde		480	U
98-86-2	Acetophenone		480	U
105-60-2	Caprolactam		1200	U
92-52-4	Biphenyl		480	U
1912-24-9	Atrazine		480	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-8

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 731590 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG114.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 29.8 decanted: (Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.44

CONCENTRATION UNITS:

Number TICs found: 27 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	10.49	3000	JB R
2.	unknown hydrocarbon	12.69	2000	JB R
3.	unknown	12.74	200	J
4.	unknown	15.49	250	J
5. 006380-71-8	Propanoic acid, 3-mercapto-, dod	15.79	1100	JN
6. 000084-65-1	9,10-Anthracenedione	15.94	200	JN
7.	unknown hydrocarbon	20.95	180	J
8.	unknown	21.58	910	J
9.	unknown	21.96	230	J
10.	unknown	22.20	250	J
11.	unknown hydrocarbon	22.52	750	J
12. 000192-97-2	Benzo[e]pyrene	23.46	730	JN
13. 007616-22-0	.gamma.-Tocopherol	24.44	270	JN
14.	unknown hydrocarbon	24.57	2300	J
15. 118625-56-2	1-Hexadecene, 16-bromo-	24.76	190	JN
16.	unknown	25.22	210	J
17. 001560-88-9	Octadecane, 2-methyl-	25.50	200	JN
18.	unknown hydrocarbon	25.83	180	J
19.	unknown	26.62	250	J
20.	unknown hydrocarbon	27.33	550	J
21.	unknown	27.86	700	J
22.	unknown	28.10	230	J
23.	unknown	28.96	460	J
24.	unknown	29.51	460	J
25.	unknown	29.62	250	J
26.	unknown	30.00	410	J
27.	unknown	30.27	1100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-9

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 731591 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG115.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		440	U
111-44-4	bis(-2-Chloroethyl)Ether		440	U
95-57-8	2-Chlorophenol		440	U
541-73-1	1,3-Dichlorobenzene		440	U
106-46-7	1,4-Dichlorobenzene		440	U
95-50-1	1,2-Dichlorobenzene		440	U
108-60-1	2,2'-oxybis(1-Chloropropane)		440	U
95-48-7	2-Methylphenol		440	U
621-24-7	N-Nitroso-Di-n-propylamine		440	U
67-72-1	Hexachloroethane		440	U
106-44-5	4-Methylphenol		440	U
98-95-3	Nitrobenzene		440	U
78-59-1	Isophorone		440	U
88-75-5	2-Nitrophenol		440	U
105-67-9	2,4-Dimethylphenol		440	U
111-91-1	bis(-2-Chloroethoxy)Methane		440	U
120-83-2	2,4-Dichlorophenol		440	U
120-82-1	1,2,4-Trichlorobenzene		440	U
91-20-3	Naphthalene		59	J
106-47-8	4-Chloroaniline		440	U
87-68-3	Hexachlorobutadiene		440	U
59-50-7	4-Chloro-3-methylphenol		440	U
91-57-6	2-Methylnaphthalene		440	U
77-47-4	Hexachlorocyclopentadiene		440	U
88-06-2	2,4,6-Trichlorophenol		440	U
95-95-4	2,4,5-Trichlorophenol		1100	U
91-58-7	2-Chloronaphthalene		440	U
88-74-4	2-Nitroaniline		1100	U
208-96-8	Acenaphthylene		50	J
131-11-3	Dimethyl Phthalate		440	U
606-20-2	2,6-Dinitrotoluene		440	U
83-32-9	Acenaphthene		440	U
99-09-2	3-Nitroaniline		1100	U
51-28-5	2,4-Dinitrophenol		1100	U J
132-64-9	Dibenzofuran		440	U
121-14-2	2,4-Dinitrotoluene		440	U
100-02-7	4-Nitrophenol		1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-9

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 731591 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG115.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		44	J
7005-72-3	4-Chlorophenyl-phenylether		440	U
84-66-2	Diethylphthalate		440	U
100-01-6	4-Nitroaniline		1100	U
534-52-1	4,6-Dinitro-2-methylphenol		1100	U
86-30-6	N-Nitrosodiphenylamine		440	U
101-55-3	4-Bromophenyl-phenylether		440	U
118-74-1	Hexachlorobenzene		440	U
87-86-5	Pentachlorophenol		1100	U
85-01-8	Phenanthrene		620	
120-12-7	Anthracene		130	J
86-74-8	Carbazole		82	J
84-74-2	Di-n-Butylphthalate		120	J
206-44-0	Fluoranthene		1400	
129-00-0	Pyrene		840	
85-68-7	Butyl benzyl phthalate		92	J
91-94-1	3,3'-Dichlorobenzidine		440	U
56-55-3	Benzo(a)Anthracene		520	
218-01-9	Chrysene		620	
117-81-7	Bis(2-Ethylhexyl)Phthalate	440	180	JB L
117-84-0	Di-n-octyl phthalate		440	U
205-99-2	Benzo(b)fluoranthene		870	
207-08-9	Benzo(k)Fluoranthene		280	J
50-32-8	Benzo(a)Pyrene		530	
193-39-5	Indeno(1,2,3-cd)Pyrene		340	J
53-70-3	Dibenz(a,h)anthracene		100	J
191-24-2	Benzo(g,h,i)Perylene		100	J
100-52-7	Benzaldehyde		150	J
98-86-2	Acetophenone		65	J
105-60-2	Caprolactam		1100	U
92-52-4	Biphenyl		440	U
1912-24-9	Atrazine		440	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-9

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 731591 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG115.D
 Level: (low/med) LOW Date Received: 6/1/04
 % Moisture: 23.8 decanted: (Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 8.1

CONCENTRATION UNITS:

Number TICs found: 27 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	10.49	840	J B R
2.	unknown hydrocarbon	12.69	630	J B R
3.	unknown	15.79	420	J
4.	unknown	19.51	880	J
5.	unknown	20.27	720	J
6.	unknown	20.36	1100	J
7.	unknown	20.43	330	J
8.	unknown	20.47	430	J
9.	unknown hydrocarbon	20.91	410	J
10.	unknown	21.19	350	J
11.	unknown	21.25	300	J
12.	unknown	21.82	17000	J
13.	unknown	21.91	13000	J
14. 056554-89-3	14-Octadecenal	22.07	850	JN
15.	unknown hydrocarbon	22.53	1400	J
16. 000192-97-2	Benzo[e]pyrene	23.46	580	JN
17. 014811-95-1	1,19-Eicosadiene	24.03	2000	JN
18.	unknown	24.50	450	J
19.	unknown hydrocarbon	24.58	1500	J
20.	unknown hydrocarbon	24.74	300	J
21.	unknown	25.51	370	J
22. 053057-53-7	1,21-Docosadiene	26.63	1400	JN
23.	unknown hydrocarbon	27.34	520	J
24.	unknown	27.86	830	J
25. 000083-47-6	.gamma.-Sitosterol	28.96	990	JN
26.	unknown	29.99	280	J
27.	unknown	30.27	770	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SSU-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 732562 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG113.D
 Level: (low/med) LOW Date Received: 6/4/04
 % Moisture: 22.1 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.15

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		430	U
111-44-4	bis(-2-Chloroethyl)Ether		430	U
95-57-8	2-Chlorophenol		430	U
541-73-1	1,3-Dichlorobenzene		430	U
106-46-7	1,4-Dichlorobenzene		430	U
95-50-1	1,2-Dichlorobenzene		430	U
108-60-1	2,2'-oxybis(1-Chloropropane)		430	U
95-48-7	2-Methylphenol		430	U
621-24-7	N-Nitroso-Di-n-propylamine		430	U
67-72-1	Hexachloroethane		430	U
106-44-5	4-Methylphenol		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
120-82-1	1,2,4-Trichlorobenzene		430	U
91-20-3	Naphthalene		59	J
106-47-8	4-Chloroaniline		430	U
87-68-3	Hexachlorobutadiene		430	U
59-50-7	4-Chloro-3-methylphenol		430	U
91-57-6	2-Methylnaphthalene		84	J
77-47-4	Hexachlorocyclopentadiene		430	U
88-06-2	2,4,6-Trichlorophenol		430	U
95-95-4	2,4,5-Trichlorophenol		1100	U
91-58-7	2-Chloronaphthalene		430	U
88-74-4	2-Nitroaniline		1100	U
208-96-8	Acenaphthylene		430	U
131-11-3	Dimethyl Phthalate		430	U
606-20-2	2,6-Dinitrotoluene		430	U
83-32-9	Acenaphthene		59	J
99-09-2	3-Nitroaniline		1100	U
51-28-5	2,4-Dinitrophenol		1100	U
132-64-9	Dibenzofuran		44	J
121-14-2	2,4-Dinitrotoluene		430	U
100-02-7	4-Nitrophenol		1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-11

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 732562 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG113.D
 Level: (low/med) LOW Date Received: 6/4/04
 % Moisture: 22.1 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 7.15

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
86-73-7	Fluorene	53	J
7005-72-3	4-Chlorophenyl-phenylether	430	U
84-66-2	Diethylphthalate	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1300	J
120-12-7	Anthracene	180	J
86-74-8	Carbazole	170	J
84-74-2	Di-n-Butylphthalate	52	J
206-44-0	Fluoranthene	2900	J
129-00-0	Pyrene	2000	J
85-68-7	Butyl benzyl phthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)Anthracene	1000	J
218-01-9	Chrysene	1400	J
117-81-7	Bis(2-Ethylhexyl)Phthalate	430 -93	JB U
117-84-0	Di-n-octyl phthalate	430	U
205-99-2	Benzo(b)fluoranthene	1900	J
207-08-9	Benzo(k)Fluoranthene	640	J
50-32-8	Benzo(a)Pyrene	1200	J
193-39-5	Indeno(1,2,3-cd)Pyrene	850	J
53-70-3	Dibenz(a,h)anthracene	230	J
191-24-2	Benzo(g,h,i)Perylene	440	J
100-52-7	Benzaldehyde	430	U
98-86-2	Acetophenone	430	U
105-60-2	Caprolactam	1100	U
92-52-4	Biphenyl	430	U
1912-24-9	Atrazine	430	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-11

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8

Matrix: (soil/water) SOIL Lab Sample ID: 732562 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AG113.D

Level: (low/med) LOW Date Received: 6/4/04

% Moisture: 22.1 decanted: (Y/N) N Date Extracted: 6/9/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.15

CONCENTRATION UNITS:

Number TICs found: 27 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.82	110	J
2.	unknown hydrocarbon	10.49	310	J B R
3. 000093-05-0	1,4-Benzenediamine, N,N-diethyl	10.57	820	JN
4.	unknown hydrocarbon	12.69	490	J B R
5.	unknown PAH	15.22	180	J
6.	unknown	15.49	360	J
7.	unknown PAH	15.53	120	J
8.	unknown	15.79	230	J
9.	unknown	16.20	120	J
10.	unknown PAH	16.44	180	J
11. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	17.29	120	JN
12. 000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	19.46	130	JN
13.	unknown	20.91	140	J
14. 007683-64-9	Squalene	21.90	320	JN
15.	unknown hydrocarbon	22.53	380	J
16. 000205-99-2	Benz[e]acephenanthrylene	22.93	210	JN
17. 000198-55-0	Perylene	23.46	1100	JN
18.	unknown	23.87	320	J
19.	unknown	24.00	110	J
20.	unknown hydrocarbon	24.57	660	J
21.	unknown	24.71	110	J
22.	unknown	25.24	190	J
23.	unknown	27.24	120	J
24.	unknown	27.32	190	J
25. 000195-06-2	Naphtho[1,2-A]anthracene	28.09	260	JN
26.	unknown	28.96	270	J
27.	unknown	30.28	150	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SSU-11 DUP

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 732563 2.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG105.D
 Level: (low/med) LOW Date Received: 6/4/04
 % Moisture: 23.3 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 10^{2.0} to 6/22/04
 GPC Cleanup: (Y/N) Y pH: 7.2

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	870		U
111-44-4	bis(-2-Chloroethyl)Ether	870		U
95-57-8	2-Chlorophenol	870		U
541-73-1	1,3-Dichlorobenzene	870		U
106-46-7	1,4-Dichlorobenzene	870		U
95-50-1	1,2-Dichlorobenzene	870		U
108-60-1	2,2'-oxybis(1-Chloropropane)	870		U
95-48-7	2-Methylphenol	870		U
621-24-7	N-Nitroso-Di-n-propylamine	870		U
67-72-1	Hexachloroethane	870		U
106-44-5	4-Methylphenol	870		U
98-95-3	Nitrobenzene	870		U
78-59-1	Isophorone	870		U
88-75-5	2-Nitrophenol	870		U
105-67-9	2,4-Dimethylphenol	870		U
111-91-1	bis(-2-Chloroethoxy)Methane	870		U
120-83-2	2,4-Dichlorophenol	870		U
120-82-1	1,2,4-Trichlorobenzene	870		U
91-20-3	Naphthalene	870		U
106-47-8	4-Chloroaniline	870		U
87-68-3	Hexachlorobutadiene	870		U
59-50-7	4-Chloro-3-methylphenol	870		U
91-57-6	2-Methylnaphthalene	94		J
77-47-4	Hexachlorocyclopentadiene	870		U
88-06-2	2,4,6-Trichlorophenol	870		U
95-95-4	2,4,5-Trichlorophenol	2200		U
91-58-7	2-Chloronaphthalene	870		U
88-74-4	2-Nitroaniline	2200		U
208-96-8	Acenaphthylene	870		U
131-11-3	Dimethyl Phthalate	870		U
606-20-2	2,6-Dinitrotoluene	870		U
83-32-9	Acenaphthene	870		U
99-09-2	3-Nitroaniline	2200		U
51-28-5	2,4-Dinitrophenol	2200		U J
132-64-9	Dibenzofuran	870		U
121-14-2	2,4-Dinitrotoluene	870		U
100-02-7	4-Nitrophenol	2200		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSU-11 DUP

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8

Matrix: (soil/water) SOIL Lab Sample ID: 732563 2.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AG105.D

Level: (low/med) LOW Date Received: 6/4/04

% Moisture: 23.3 decanted:(Y/N) N Date Extracted: 6/9/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04

Injection Volume: 2.0 (uL) Dilution Factor: 102.0 to 6/29/04

GPC Cleanup: (Y/N) Y pH: 7.2

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene		870	U
7005-72-3	4-Chlorophenyl-phenylether		870	U
84-66-2	Diethylphthalate		870	U
100-01-6	4-Nitroaniline		2200	U
534-52-1	4,6-Dinitro-2-methylphenol		2200	U
86-30-6	N-Nitrosodiphenylamine		870	U
101-55-3	4-Bromophenyl-phenylether		870	U
118-74-1	Hexachlorobenzene		870	U
87-86-5	Pentachlorophenol		2200	U
85-01-8	Phenanthrene		1100	
120-12-7	Anthracene		210	J
86-74-8	Carbazole		200	J
84-74-2	Di-n-Butylphthalate		290	J
206-44-0	Fluoranthene		2700	
129-00-0	Pyrene		1400	
85-68-7	Butyl benzyl phthalate		420	J
91-94-1	3,3'-Dichlorobenzidine		870	U
56-55-3	Benzo(a)Anthracene		940	
218-01-9	Chrysene		1300	
117-81-7	Bis(2-Ethylhexyl)Phthalate	870	510	JBU
117-84-0	Di-n-octyl phthalate		870	U
205-99-2	Benzo(b)fluoranthene		1800	
207-08-9	Benzo(k)Fluoranthene		450	J
50-32-8	Benzo(a)Pyrene		1000	
193-39-5	Indeno(1,2,3-cd)Pyrene		830	J
53-70-3	Dibenz(a,h)anthracene		220	J
191-24-2	Benzo(g,h,i)Perylene		500	J
100-52-7	Benzaldehyde		870	U
98-86-2	Acetophenone		870	U
105-60-2	Caprolactam		2200	U
92-52-4	Biphenyl		870	U
1912-24-9	Atrazine		870	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SSU-11 DUP

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8

Matrix: (soil/water) SOIL Lab Sample ID: 732563 2.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AG105.D

Level: (low/med) LOW Date Received: 6/4/04

% Moisture: 23.3 decanted: (Y/N) N Date Extracted: 6/9/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/22/04

Injection Volume: 2.0 (uL) Dilution Factor: 10 2.0 J. 4/19/04

GPC Cleanup: (Y/N) Y pH: 7.2

CONCENTRATION UNITS:

Number TICs found: 28 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	10.48	2400	J S
2.	unknown hydrocarbon	12.69	1800	J B
3.	unknown	12.74	240	J
4.	unknown acid	15.20	610	J
5.	unknown	15.50	540	J
6.	006380-71-8 Propanoic acid, 3-mercapto-, dod	15.79	1300	JN
7.	000084-65-1 9,10-Anthracenedione	15.94	520	JN
8.	unknown	16.20	260	J
9.	unknown	16.65	330	J
10.	unknown	16.96	490	J
11.	unknown	19.51	350	J
12.	unknown	20.66	270	J
13.	unknown hydrocarbon	20.93	440	J
14.	unknown hydrocarbon	20.99	430	J
15.	unknown	21.57	5100	J
16.	unknown	22.10	480	J
17.	unknown hydrocarbon	22.56	1700	J
18.	unknown	22.98	280	J
19.	000205-99-2 Benz[e]acephenanthrylene	23.51	820	JN
20.	007390-81-0 Oxirane, hexadecyl-	24.07	1100	JN
21.	unknown hydrocarbon	24.62	2300	J
22.	unknown	24.77	220	J
23.	unknown	25.55	320	J
24.	014811-95-1 1,19-Eicosadiene	26.68	540	JN
25.	unknown hydrocarbon	27.39	760	J
26.	unknown	27.93	580	J
27.	unknown	29.04	660	J
28.	unknown	30.34	340	J

COLUMBIA ANALYTICAL SERVICES

Reported: 06/30/04

Bergmann Associates, P.C.
Project Reference: BVS - 1214 E. MAIN STREET
Client Sample ID : SSU-8

Date Sampled : 06/01/04 Order #: 731590 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/01/04 Submission #: R2421594

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.3M	1.0	70.2	%	06/09/04	09:00	1.0
PH	9040/9	1.00	7.44		06/14/04	17:10	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/30/04

Bergmann Associates, P.C.
Project Reference: BVS - 1214 E. MAIN STREET
Client Sample ID : SSU-9

Date Sampled : 06/01/04 Order #: 731591 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/01/04 Submission #: R2421594

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.3M	1.0	76.2	%	06/09/04	09:00	1.0
PH	9040/9	1.00	8.10		06/14/04	17:10	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/30/04

Bergmann Associates, P.C.
Project Reference: BVS - 1214 E. MAIN STREET
Client Sample ID : SSU-11

Date Sampled : 06/04/04	Order #: 732562	Sample Matrix: SOIL/SEDIMENT
Date Received: 06/04/04	Submission #: R2421594	

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.3M	1.0	77.9	%	06/09/04	09:00	1.0
PH	9040/9	1.00	7.15		06/14/04	17:10	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/30/04

Bergmann Associates, P.C.
Project Reference: EVS - 1214 E. MAIN STREET
Client Sample ID : SSU-11 DUP

Date Sampled : 06/04/04 Order #: 732563 Sample Matrix: SOIL/SEDIMENT
Date Received: 06/04/04 Submission #: R2421594

ANALYTE	METHOD	PQL	RESULT	DRY WEIGHT UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
PERCENT SOLIDS	160.3M	1.0	76.7	%	06/09/04	09:00	1.0
PH	9040/9	1.00	7.20		06/14/04	17:10	1.0

SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CAS-ROCH Contract: BergmannLab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (2FP) #	S2 [PHL] #	S3 #	S4 #	S5 (NBZ) #	S6 (FBP) #	S7 #	S8 (TPH) #	TOT OUT
01	SBLK1	56	71	70	56	70	78	101	104	0
02	SBLK1MS	68	84	84	69	85	90	109	100	0
03	SSU-11 DUP	41	58	55	41	60	70	83	57	0
04	SSU-11	148 *	186 *	184 *	154 *	131 *	161 *	234 *	131	7
05	SSU-8	31	44	42	29	43	53	62	46	0
06	SSU-9	35	50	56	52	72	75	77	58	0

QC LIMITS

S1 (2FP)	=	2-Fluorophenol	(25-121)
S2 [PHL]	=	Phenol-d6	(24-113)
S3	=	2-Chlorophenol-d4	(20-130)
S4	=	1,2-Dichlorobenzene-d4	(20-130)
S5 (NBZ)	=	Nitrobenzene-d5	(23-120)
S6 (FBP)	=	2-Fluorobiphenyl	(30-115)
S7	=	2,4,6-Tribromophenol	(19-122)
S8 (TPH)	=	Terphenyl-d14	(18-137)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix Spike - EPA Sample No. SBLK1 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
Phenol	2500	0.0	2300	92	12 - 110
2-Chlorophenol	2500	0.0	2200	88	27 - 123
1,4-Dichlorobenzene	1700	0.0	1300	76	36 - 97
N-Nitroso-Di-n-propylamine	1700	0.0	1500	88	41 - 116
1,2,4-Trichlorobenzene	1700	0.0	1400	82	39 - 98
4-Chloro-3-methylphenol	2500	0.0	2500	100 *	23 - 97
Acenaphthene	1700	0.0	1500	88	46 - 118
2,4-Dinitrotoluene	1700	0.0	1800	106 *	24 - 96
4-Nitrophenol	2500	0.0	2900	116 *	10 - 80
Pentachlorophenol	2500	0.0	3000	120 *	9 - 103
Pyrene	1700	0.0	1700	100	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: out of outside limits

Spike Recovery: out of outside limits

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 736999 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG087.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol		2300	
111-44-4	bis(-2-Chloroethyl)Ether		330	U
95-57-8	2-Chlorophenol		2200	
541-73-1	1,3-Dichlorobenzene		330	U
106-46-7	1,4-Dichlorobenzene		1300	
95-50-1	1,2-Dichlorobenzene		330	U
108-60-1	2,2'-oxybis(1-Chloropropane)		330	U
95-48-7	2-Methylphenol		330	U
621-24-7	N-Nitroso-Di-n-propylamine		1500	
67-72-1	Hexachloroethane		330	U
106-44-5	4-Methylphenol		330	U
98-95-3	Nitrobenzene		330	U
78-59-1	Isophorone		330	U
88-75-5	2-Nitrophenol		330	U
105-67-9	2,4-Dimethylphenol		330	U
111-91-1	bis(-2-Chloroethoxy)Methane		330	U
120-83-2	2,4-Dichlorophenol		330	U
120-82-1	1,2,4-Trichlorobenzene		1400	
91-20-3	Naphthalene		330	U
106-47-8	4-Chloroaniline		330	U
87-68-3	Hexachlorobutadiene		330	U
59-50-7	4-Chloro-3-methylphenol		2500	
91-57-6	2-Methylnaphthalene		330	U
77-47-4	Hexachlorocyclopentadiene		330	U
88-06-2	2,4,6-Trichlorophenol		330	U
95-95-4	2,4,5-Trichlorophenol		830	U
91-58-7	2-Chloronaphthalene		330	U
88-74-4	2-Nitroaniline		830	U
208-96-8	Acenaphthylene		330	U
131-11-3	Dimethyl Phthalate		330	U
606-20-2	2,6-Dinitrotoluene		330	U
83-32-9	Acenaphthene		1500	
99-09-2	3-Nitroaniline		830	U
51-28-5	2,4-Dinitrophenol		830	U
132-64-9	Dibenzofuran		330	U
121-14-2	2,4-Dinitrotoluene		1800	
100-02-7	4-Nitrophenol		2900	E

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8

Matrix: (soil/water) SOIL Lab Sample ID: 736999 1.0

Sample wt/vol: 30 (g/ml) G Lab File ID: AG087.D

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

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
84-66-2	Diethylphthalate	330		U
100-01-6	4-Nitroaniline	830		U
534-52-1	4,6-Dinitro-2-methylphenol	830		U
86-30-6	N-Nitrosodiphenylamine	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	3000		E
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-Butylphthalate	330		U
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	1700		
85-68-7	Butyl benzyl phthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	330		U
56-55-3	Benzo(a)Anthracene	330		U
218-01-9	Chrysene	330		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	330		U
117-84-0	Di-n-octyl phthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)Fluoranthene	330		U
50-32-8	Benzo(a)Pyrene	330		U
193-39-5	Indeno(1,2,3-cd)Pyrene	330		U
53-70-3	Dibenz(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)Perylene	330		U
100-52-7	Benzaldehyde	330		U
98-86-2	Acetophenone	330		U
105-60-2	Caprolactam	830		U
92-52-4	Biphenyl	330		U
1912-24-9	Atrazine	330		U

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Lab File ID: AG086.D Lab Sample ID: 736998 1.0
 Instrument ID: 5973-C Date Extracted: 6/9/04
 Matrix: (soil/water) SOIL Date Analyzed: 6/21/04
 Level: (low/med) LOW Time Analyzed: 22:49

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1MS	736999 1.0	AG087.D	6/21/04
02	SSU-11 DUP	732563 2.0	AG105.D	6/22/04
03	SSU-11	732562 1.0	AG113.D	6/23/04
04	SSU-8	731590 1.0	AG114.D	6/23/04
05	SSU-9	731591 1.0	AG115.D	6/23/04

COMMENTS:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 736998 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG086.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-95-2	Phenol	330		U
111-44-4	bis(-2-Chloroethyl)Ether	330		U
95-57-8	2-Chlorophenol	330		U
541-73-1	1,3-Dichlorobenzene	330		U
106-46-7	1,4-Dichlorobenzene	330		U
95-50-1	1,2-Dichlorobenzene	330		U
108-60-1	2,2'-oxybis(1-Chloropropane)	330		U
95-48-7	2-Methylphenol	330		U
621-24-7	N-Nitroso-Di-n-propylamine	330		U
67-72-1	Hexachloroethane	330		U
106-44-5	4-Methylphenol	330		U
98-95-3	Nitrobenzene	330		U
78-59-1	Isophorone	330		U
88-75-5	2-Nitrophenol	330		U
105-67-9	2,4-Dimethylphenol	330		U
111-91-1	bis(-2-Chloroethoxy)Methane	330		U
120-83-2	2,4-Dichlorophenol	330		U
120-82-1	1,2,4-Trichlorobenzene	330		U
91-20-3	Naphthalene	330		U
106-47-8	4-Chloroaniline	330		U
87-68-3	Hexachlorobutadiene	330		U
59-50-7	4-Chloro-3-methylphenol	330		U
91-57-6	2-Methylnaphthalene	330		U
77-47-4	Hexachlorocyclopentadiene	330		U
88-06-2	2,4,6-Trichlorophenol	330		U
95-95-4	2,4,5-Trichlorophenol	830		U
91-58-7	2-Chloronaphthalene	330		U
88-74-4	2-Nitroaniline	830		U
208-96-8	Acenaphthylene	330		U
131-11-3	Dimethyl Phthalate	330		U
606-20-2	2,6-Dinitrotoluene	330		U
83-32-9	Acenaphthene	330		U
99-09-2	3-Nitroaniline	830		U
51-28-5	2,4-Dinitrophenol	830		U
132-64-9	Dibenzofuran	330		U
121-14-2	2,4-Dinitrotoluene	330		U
100-02-7	4-Nitrophenol	830		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 736998 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG086.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted:(Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
86-73-7	Fluorene	330		U
7005-72-3	4-Chlorophenyl-phenylether	330		U
84-66-2	Diethylphthalate	330		U
100-01-6	4-Nitroaniline	830		U
534-52-1	4,6-Dinitro-2-methylphenol	830		U
86-30-6	N-Nitrosodiphenylamine	330		U
101-55-3	4-Bromophenyl-phenylether	330		U
118-74-1	Hexachlorobenzene	330		U
87-86-5	Pentachlorophenol	830		U
85-01-8	Phenanthrene	330		U
120-12-7	Anthracene	330		U
86-74-8	Carbazole	330		U
84-74-2	Di-n-Butylphthalate	330		U
206-44-0	Fluoranthene	330		U
129-00-0	Pyrene	330		U
85-68-7	Butyl benzyl phthalate	330		U
91-94-1	3,3'-Dichlorobenzidine	330		U
56-55-3	Benzo(a)Anthracene	330		U
218-01-9	Chrysene	330		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	39		J
117-84-0	Di-n-octyl phthalate	330		U
205-99-2	Benzo(b)fluoranthene	330		U
207-08-9	Benzo(k)Fluoranthene	330		U
50-32-8	Benzo(a)Pyrene	330		U
193-39-5	Indeno(1,2,3-cd)Pyrene	330		U
53-70-3	Dibenz(a,h)anthracene	330		U
191-24-2	Benzo(g,h,i)Perylene	330		U
100-52-7	Benzaldehyde	330		U
98-86-2	Acetophenone	330		U
105-60-2	Caprolactam	830		U
92-52-4	Biphenyl	330		U
1912-24-9	Atrazine	330		U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Matrix: (soil/water) SOIL Lab Sample ID: 736998 1.0
 Sample wt/vol: 30 (g/ml) G Lab File ID: AG086.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: 0 decanted: (Y/N) N Date Extracted: 6/9/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: _____

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.28	120	J
2.	unknown	4.34	130	J
3.	unknown	4.39	140	J
4.	unknown	10.18	76	J
5.	unknown hydrocarbon	10.46	90	J
6.	unknown hydrocarbon	12.67	320	J

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Lab File ID (Standard): AG078.D Date Analyzed: 6/21/04
 Instrument ID: 5973-C Time Analyzed: 17:28

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	118723	5.98	417647	7.74	194783	10.97
	UPPER LIMIT	237446	6.48	835294	8.24	389566	11.47
	LOWER LIMIT	59362	5.48	208824	7.24	97392	10.47
EPA SAMPLE NO.							
01	SBLK1	124366	5.96	461477	7.73	226440	10.95
02	SBLK1MS	123691	5.97	450900	7.74	216253	10.97

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Lab File ID (Standard): AG078.D Date Analyzed: 06/21/04
 Instrument ID: 5973-C Time Analyzed: 17:28

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	302265	14.12	254932	20.00	233179	23.73
	UPPER LIMIT	604530	13.62	509864	19.50	466358	23.23
	LOWER LIMIT	151133	14.62	127466	20.50	116590	24.23
EPA SAMPLE NO.							
01	SBLK1	353806	14.11	277032	19.98	240211	23.70
02	SBLK1MS	345926	14.12	284497	19.99	255879	23.73

- IS1 (DCB) = d4-1,4-Dichlorobenzene
- IS2 (NPT) = d8-Naphthalene
- IS3 (ANT) = d10-Acenaphthene
- IS4 (PHN) = d10-Phenanthrene
- IS5 (CRY) = d12-Chrysene
- IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Lab File ID (Standard): AG101.D Date Analyzed: 6/22/04
 Instrument ID: 5973-C Time Analyzed: 12:16

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	88979	5.96	338888	7.73	175410	10.96
UPPER LIMIT	177958	6.46	677776	8.23	350820	11.46
LOWER LIMIT	44490	5.46	169444	7.23	87705	10.46
EPA SAMPLE NO.						
01 SSU-11 DUP	72746	5.97	278009	7.74	146649	10.98

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Lab File ID (Standard): AG101.D Date Analyzed: 06/22/04
 Instrument ID: 5973-C Time Analyzed: 12:16

	IS4(PHN)		IS5(CRY)		IS6(PRY)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	299162	14.11	272877	19.99	242971	23.72
UPPER LIMIT	598324	13.61	545754	19.49	485942	23.22
LOWER LIMIT	149581	14.61	136439	20.49	121486	24.22
EPA SAMPLE NO.						
01 SSU-11 DUP	248939	14.13	340112	20.03	397139	23.83

- IS1 (DCB) = d4-1,4-Dichlorobenzene
- IS2 (NPT) = d8-Naphthalene
- IS3 (ANT) = d10-Acenaphthene
- IS4 (PHN) = d10-Phenanthrene
- IS5 (CRY) = d12-Chrysene
- IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Lab File ID (Standard): AG112.D Date Analyzed: 6/23/04
 Instrument ID: 5973-C Time Analyzed: 12:25

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	80988	5.97	299381	7.74	157130	10.98
	UPPER LIMIT	161976	6.47	598762	8.24	314260	11.48
	LOWER LIMIT	40494	5.47	149691	7.24	78565	10.48
	EPA SAMPLE NO.						
01	SSU-11	74463	5.97	279637	7.74	148942	10.98
02	SSU-8	78362	5.97	298423	7.74	151128	10.98
03	SSU-9	82106	5.97	317117	7.74	163435	10.98

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421594 SAS No.: _____ SDG No.: SSU-8
 Lab File ID (Standard): AG112.D Date Analyzed: 06/23/04
 Instrument ID: 5973-C Time Analyzed: 12:25

	IS4(PHN)		IS5(CRY)		IS6(PRY)		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12 HOUR STD	262537	14.13	246582	20.01	282226	23.76	
UPPER LIMIT	525074	13.63	493164	19.51	564452	23.26	
LOWER LIMIT	131269	14.63	123291	20.51	141113	24.26	
EPA SAMPLE NO.							
01	SSU-11	230110	14.13	245474	20.02	294805	23.79
02	SSU-8	250308	14.13	307507	20.02	371290	23.78
03	SSU-9	283944	14.14	348857	20.03	415197	23.79

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

July 19, 2004

Mr. Gary Flisnik
Bergmann Associates
28 East Main Street
Rochester, NY 14614

Re: City of Rochester - 1200 E. Main Street
Submission # R2421774
SDG # MW-5

Dear Mr. Flisnik:

Enclosed is the analytical data report for the above referenced facility. A total of fourteen samples were received by our laboratory on June 15-18, 2004.

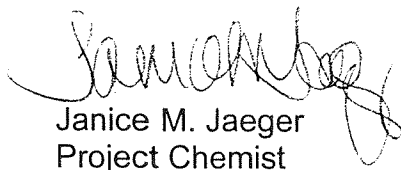
Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

Sincerely,

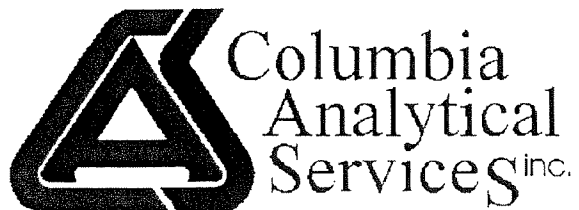
COLUMBIA ANALYTICAL SERVICES



Janice M. Jaeger
Project Chemist

enc.

GROUNDWATER
SW-846 PACKAGE
mw-1 Field Blank
mw-2 method Blank
mw-3
mw-4
mw-5
mw-6
mw-7
mw-8
mw-9
mw-10
mw-11
mw-12



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Lab Submission # : R2421774
Project Manager : Janice Jaeger
Reported : 07/15/04

Report Contains a total of 80 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

Michael K Perry

CASE NARRATIVE

COMPANY: Bergmann Associates
City of Rochester - 1200 E. Main Street
SUBMISSION #: R2421774

Bergmann samples were collected on 06/15-18/04 and received at CAS on 06/15-18/04 in good condition.

VOLATILE ORGANICS

Fourteen water samples were analyzed for the TCL plus STARS list of Volatiles by method 8260B from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All Tuning criteria for BFB were met.

All surrogate standard recoveries were within QC limits.

Site specific QC was not requested for these samples. All Reference spike recoveries were within limits except 1,1,2,2-Tetrachloroethane was outside limits low for the 6/26/04 LCS and has been flagged with an "**". Due to a laboratory error, the samples associated with this LCS were not repeated. The samples possibly biased low for 1,1,2,2-Tetrachloroethane are MW-12, MW-8 and MW-10.

Various compounds for MW-8, MW-1, MW-4 and MW-7 have been flagged with an "E" as being outside the calibration range of the instrument. The samples were repeated at dilutions and both sets of data have been reported out.

The Laboratory blanks associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

Thirteen water samples were analyzed for the STARS list of Semivolatiles by method 8270C from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All Tuning criteria were met for DFTPP.

All surrogate standard recoveries were within limits.

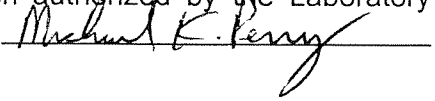
Site specific QC was not requested for these samples. All Blank spike/Blank spike duplicate recoveries were within limits. All RPD's were within limits

Various compounds for MW-2, MW-9 and MW-7 have been flagged with an "E" as being outside the calibration range of the instrument. The samples were repeated at dilutions and both sets of data have been reported out.

The Laboratory Blanks associated with these analyses were free of contamination.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

A handwritten signature in cursive script, appearing to read "Michael K. Perry", is written over a horizontal line.

CAS ASP/CLP BATCHING FORM / LOGIN SHEET I

SDG #: MW-5	BATCH COMPLETE: <input type="checkbox"/> yes	DATE REVISED:
SUBMISSION R2421774	DISKETTE REQUESTED: Y <input type="checkbox"/> X <input type="checkbox"/> N <input type="checkbox"/>	DATE DUE: 07/12/04
CLIENT: Bergmann Associates, P.C.	DATE: 07/09/04	PROTOCOL: SW846
CLIENT REP: Janice Jaeger	CUSTODY SEAL: PRESENT/ABSENT:	SHIPPING No.:
PROJECT: CITY OF ROCHESTER - 1200 E.	CHAIN OF CUSTODY: PRESENT/ABSENT:	SUMMARY PKG: Y <input type="checkbox"/> N <input checked="" type="checkbox"/> X <input type="checkbox"/>

CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE SAMPLED	DATE RECEIVED	pH (SOLIDS)	% SOLIDS	REMARKS SAMPLE CONDITION
735601	MW-5	WATER	8260/8270	6/15/04	6/15/04			
735602	MW-6	WATER	8260/8270	6/15/04	6/15/04			
735812	MW-12	WATER	8260/8270	6/16/04	6/16/04			
735813	MW-8	WATER	8260/8270	6/16/04	6/16/04			
735814	MW-10	WATER	8260/8270	6/16/04	6/16/04			
735815	FIELD BLANK	WATER	8260/8270	6/16/04	6/16/04			
735816	MW-11	WATER	8260/8270	6/16/04	6/16/04			
736165	MW-2	WATER	8260/8270	6/17/04	6/17/04			
736166	MW-1	WATER	8260/8270	6/17/04	6/17/04			
736167	MW-3	WATER	8260/8270	6/17/04	6/17/04			
736480	MW-9	WATER	8260/8270	6/18/04	6/18/04			
736481	MW-4	WATER	8260/8270	6/18/04	6/18/04			
736482	MW-7	WATER	8260/8270	6/18/04	6/18/04			
736483	TRIP BLANK	WATER	8260	6/18/04	6/18/04			



ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited

NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number R2-21774

Cooler received on 6/15/04 by: YMM COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO N/A
4. Did any VOA vials have significant air bubbles? YES NO
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 5°C

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below

Date/Time Temperatures Taken: 6/15/04 1350 YMM 1350

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 6-16-04 by: KE

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH

**If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2			

Other Comments:

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR # _____
CAS Contact _____

Project Name <u>CITY OF ROCHESTER</u> <u>1200 E. MAIN ST.</u>		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)													
Project Manager <u>CARY FLISWIK</u>		Report CC		PRESERVATIVE													
Company/Address <u>BERGMANN ASSOCIATES</u> <u>28 E. MAIN ST SUITE 200</u> <u>ROCHESTER, NY 14614</u>		Phone # <u>585-232-5135</u>		FAX# <u>585-232-4652</u>		NUMBER OF CONTAINERS <input checked="" type="checkbox"/> GC/MS VOA's <input checked="" type="checkbox"/> STARS <input checked="" type="checkbox"/> 8280 <input type="checkbox"/> 624 <input type="checkbox"/> CLP <input checked="" type="checkbox"/> GC/MS SVOA's <input type="checkbox"/> STARS ONLY <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP <input type="checkbox"/> GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 <input type="checkbox"/> PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP <input type="checkbox"/> PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP <input type="checkbox"/> METALS, TOTAL (List in comments below) <input type="checkbox"/> METALS, DISSOLVED (List in comments below)											
Sampler's Signature <u>[Signature]</u>		Sampler's Printed Name <u>J. MARSCHNER</u>															

- Preservative Key
0. NONE
 1. HCL
 2. HNO₃
 3. H₂SO₄
 4. NaOH
 5. Zn. Acetate
 6. MeOH
 7. NaHSO₄
 8. Other _____

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED												REMARKS/ ALTERNATE DESCRIPTION								
		DATE	TIME			GC/MS VOA's	GC/MS SVOA's	GC VOA's	PESTICIDES	PCB's	METALS, TOTAL	METALS, DISSOLVED														
MW-12	735812	6/16/04	0930	AQ	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																			
MW-8	13	6/16/04	1105	AQ	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																			
MW-10	14	6/16/04	1315	AQ	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																			
FIELD BLANK	15	6/16/04	1410	AQ	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																			
MW-11	16	6/16/04	1520	AQ	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																			

SPECIAL INSTRUCTIONS/COMMENTS Metals	TURNAROUND REQUIREMENTS <input type="checkbox"/> RUSH (SURCHARGES APPLY) <input type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/> STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____	REPORT REQUIREMENTS <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required) <input type="checkbox"/> III. Results + QC and Calibration Summaries <input type="checkbox"/> IV. Data Validation Report with Raw Data <input type="checkbox"/> V. Specialized Forms / Custom Report Edata <input type="checkbox"/> Yes <input type="checkbox"/> No	INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: _____
	SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N		

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature <u>[Signature]</u>	Signature <u>[Signature]</u>	Signature	Signature	Signature	Signature
Printed Name <u>JIM MARSCHNER</u>	Printed Name <u>Heather Lorenz</u>	Printed Name	Printed Name	Printed Name	Printed Name
Firm <u>BERGMANN ASSOC.</u>	Firm <u>CAS</u>	Firm	Firm	Firm	Firm
Date/Time <u>6/16/04 @ 1610</u>	Date/Time <u>6/16/04 1610</u>	Date/Time	Date/Time	Date/Time	Date/Time

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number R2-21774

Cooler received on 6/16/04 by ADP COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 10'

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes
 If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6/16/04 1620
 Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples Yhr rule

Cooler Breakdown: Date: 6-16-04 by: KE

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____
 **If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments: _____



An Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR #
CAS Contact

Project Name <u>City of Rochester</u>		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																																			
Project Manager <u>Earl Fiskus</u>		Report CC		PRESERVATIVE <u>1</u>																																																			
Company/Address <u>Bolognino Associates</u>		Phone # <u>585.232.5135</u>		FAX# <u>585.232.4652</u>		<table border="1"> <tr> <th>NUMBER OF CONTAINERS</th> <th>GC/MS VOAs + SIMS</th> <th>GC/MS SVOAs</th> <th>GC VOAs</th> <th>PESTICIDES</th> <th>PCBs</th> <th>METALS, TOTAL</th> <th>METALS, DISSOLVED</th> <th colspan="5">REMARKS/ ALTERNATE DESCRIPTION</th> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP</td> <td><input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 825 <input type="checkbox"/> CLP</td> <td><input type="checkbox"/> 8021 <input type="checkbox"/> 601/602</td> <td><input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP</td> <td><input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP</td> <td colspan="2">(List in comments below)</td> <td colspan="5"></td> </tr> <tr> <td></td> <td colspan="11">Preservative Key 0. NONE 1. HCL 2. HNO₃ 3. H₂SO₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO₄ 8. Other _____</td> </tr> </table>												NUMBER OF CONTAINERS	GC/MS VOAs + SIMS	GC/MS SVOAs	GC VOAs	PESTICIDES	PCBs	METALS, TOTAL	METALS, DISSOLVED	REMARKS/ ALTERNATE DESCRIPTION						<input checked="" type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP	<input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 825 <input type="checkbox"/> CLP	<input type="checkbox"/> 8021 <input type="checkbox"/> 601/602	<input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	<input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	(List in comments below)								Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____										
NUMBER OF CONTAINERS	GC/MS VOAs + SIMS	GC/MS SVOAs	GC VOAs	PESTICIDES	PCBs													METALS, TOTAL	METALS, DISSOLVED	REMARKS/ ALTERNATE DESCRIPTION																																			
	<input checked="" type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP	<input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 825 <input type="checkbox"/> CLP	<input type="checkbox"/> 8021 <input type="checkbox"/> 601/602	<input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP	<input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP													(List in comments below)																																					
	Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																																																						
Company/Address <u>28 E. Main St</u>		Sampler's Signature <u>[Signature]</u>		Sampler's Printed Name <u>J. Marschner</u>																																																			
City/State/Zip <u>Rochester, NY 14614</u>																																																							

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING		MATRIX		ANALYSIS REQUESTED																				
		DATE	TIME			GC/MS VOAs + SIMS	GC/MS SVOAs	GC VOAs	PESTICIDES	PCBs	METALS, TOTAL	METALS, DISSOLVED	REMARKS/ ALTERNATE DESCRIPTION													
MW-2	73d65	6/17/04	0920	AQ	4	X	X																			
MW-1	666	6/17/04	1120	AQ	4	X	X																			
MW-3	667	6/17/04	1610	AQ	4	X	X																			

SPECIAL INSTRUCTIONS/COMMENTS Metals	TURNAROUND REQUIREMENTS ___ RUSH (SURCHARGES APPLY) ___ 24 hr ___ 48 hr ___ 5 day <input checked="" type="checkbox"/> STANDARD	REPORT REQUIREMENTS ___ I. Results Only ___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) ___ III. Results + QC and Calibration Summaries ___ IV. Data Validation Report with Raw Data ___ V. Specialized Forms / Custom Report	INVOICE INFORMATION PO# BILL TO: SUBMISSION #:
	REQUESTED FAX DATE REQUESTED REPORT DATE	Edata ___ Yes ___ No	

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N	
RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>
Printed Name <u>Jim Marschner</u>	Printed Name <u>Keith Lovejoy</u>	Printed Name	Printed Name
Firm <u>Bolognino Associates</u>	Firm <u>CAS</u>	Firm	Firm
Date/Time <u>6/17/04 9:16:50</u>	Date/Time <u>6/17/04 16:50</u>	Date/Time	Date/Time

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number R2421774

Cooler received on 6/17/04 by: NO COURIER: CAS UPS FEDEX CD&L **CLIENT**

- | | | | |
|---|--------------------------------------|-------------------------------------|-----|
| 1. Were custody seals on outside of cooler? | YES | <input checked="" type="radio"/> NO | |
| 2. Were custody papers properly filled out (ink, signed, etc.)? | <input checked="" type="radio"/> YES | NO | |
| 3. Did all bottles arrive in good condition (unbroken)? | <input checked="" type="radio"/> YES | NO | |
| 4. Did any VOA vials have significant air bubbles? | YES | <input checked="" type="radio"/> NO | N/A |
| 5. Were Ice or Ice packs present? | <input checked="" type="radio"/> YES | NO | |
| 6. Where did the bottles originate? | CAS/ROC, CLIENT | | |
| 7. Temperature of cooler(s) upon receipt: | <u>5</u> | | |

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 6/17/04 1650

Thermometer ID: 161 or **IR GUN** Reading From: Temp Blank or **Sample Bottle**

If out of Temperature, Client Approval to Run Samples _____

Cooler Breakdown: Date: 6-18-04 by: umk

- | | | | |
|--|--------------------------------------|----|------------|
| 1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? | <input checked="" type="radio"/> YES | NO | |
| 2. Did all bottle labels and tags agree with custody papers? | <input checked="" type="radio"/> YES | NO | |
| 3. Were correct containers used for the tests indicated? | <input checked="" type="radio"/> YES | NO | |
| 4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated | | | N/A |

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments:



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR #
CAS Contact

Project Name <u>CITY OF ROCHESTER</u> <u>1200 E. MAIN ST</u>		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																	
Project Manager <u>GARY FLISNIK</u>		Report CC		PRESERVATIVE <u>10</u>																	
Company/Address <u>BERGMAN ASSOCIATES</u> <u>28 E. MAIN ST SUITE 200</u> <u>ROCHESTER, NY 14614</u>		Phone# <u>585-232-5135</u>		FAX# <u>585-232-4652</u>		NUMBER OF CONTAINERS <input checked="" type="checkbox"/> GC/MS VOA's <u>7 STARS</u> <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP <input checked="" type="checkbox"/> GC/MS SVOA's <u>STARS ONLY</u> <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP <input type="checkbox"/> VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP <input type="checkbox"/> PCB's <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)															
Sampler's Signature <u>[Signature]</u>		Sampler's Printed Name <u>MARSCHNER</u>																			
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	TIME	MATRIX														REMARKS/ ALTERNATE DESCRIPTION			
<u>MW-9</u>	<u>736480</u>	<u>6/18/04</u>	<u>1145</u>	<u>AQ</u>	<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
<u>MW-4</u>	<u>81</u>	<u>6/18/04</u>	<u>1025</u>	<u>AQ</u>	<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
<u>MW-7</u>	<u>82</u>	<u>6/18/04</u>	<u>1245</u>	<u>AQ</u>	<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
<u>TRIP BLANK</u>	<u>83</u>	<u>—</u>	<u>—</u>	<u>AQ</u>	<u>3</u>	<input checked="" type="checkbox"/>															

SPECIAL INSTRUCTIONS/COMMENTS <u>Metals</u> <u>END OF SAMPLE SET</u>	TURNAROUND REQUIREMENTS <input type="checkbox"/> RUSH (SURCHARGES APPLY) <input type="checkbox"/> 24 hr <input type="checkbox"/> 48 hr <input type="checkbox"/> 5 day <input checked="" type="checkbox"/> STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____	REPORT REQUIREMENTS <input type="checkbox"/> I. Results Only <input type="checkbox"/> II. Results + QC Summaries (LCS, DUP, MS/MSD as required) <input type="checkbox"/> III. Results + QC and Calibration Summaries <input type="checkbox"/> IV. Data Validation Report with Raw Data <input type="checkbox"/> V. Specialized Forms / Custom Report Edata <input type="checkbox"/> Yes <input type="checkbox"/> No	INVOICE INFORMATION PO# _____ BILL TO: _____ SUBMISSION #: _____
	See QAPP <input type="checkbox"/>		

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N	
RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
<u>[Signature]</u>	<u>[Signature]</u>		
Printed Name <u>JIM MARSCHNER</u>	Printed Name <u>Christine M. Kutzner</u>	Printed Name	Printed Name
Firm <u>Bergman Assoc.</u>	Firm <u>CAS</u>	Firm	Firm
Date/Time <u>6/18/04 @ 1357</u>	Date/Time <u>6-18-04 1357</u>	Date/Time	Date/Time

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number R24-21774

Cooler received on 6/18/04 by: crnk COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice or Ice packs present? YES NO
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 80

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below

No 4 hr. rule No No No No

Date/Time Temperatures Taken: 6-18-04 crnk 1400

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples 4 hr rule

Cooler Breakdown: Date: 6/18/04 by: crnk

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2	

Other Comments: _____

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-5

Date Sampled : 06/15/04 Order #: 735601 Sample Matrix: WATER
 Date Received: 06/15/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/27/04			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	1.7 J	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U J	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-5

Date Sampled : 06/15/04 Order #: 735601 Sample Matrix: WATER
Date Received: 06/15/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 1.00

M+P-XYLENE	5.0	1.2 J	UG/L
------------	-----	-------	------

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
-----------------------------	------------------	--	--

4-BROMOFLUOROBENZENE	(83 - 119 %)	96	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-6

Date Sampled : 06/15/04

Order #: 735602

Sample Matrix: WATER

Date Received: 06/15/04

Submission #: R2421774

Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	6.9 J	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	3.3 J	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	1.7 J	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U J	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-6

Date Sampled : 06/15/04 Order #: 735602 Sample Matrix: WATER
Date Received: 06/15/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 1.00

M+P-XYLENE	5.0	5.0 U	UG/L
------------	-----	-------	------

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
-----------------------------	------------------	--	--

4-BROMOFLUOROBENZENE	(83 - 119 %)	98	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-12

Date Sampled : 06/16/04 Order #: 735812 Sample Matrix: WATER
 Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/26/04		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U J	UG/L
TETRACHLOROETHENE	5.0	2.2 J	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L 18
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-12

Date Sampled : 06/16/04 Order #: 735812 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/26/04
ANALYTICAL DILUTION: 1.00

M+P-XYLENE	5.0	5.0 U	UG/L
------------	-----	-------	------

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	99	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-8.

Date Sampled : 06/16/04 Order #: 735813 Sample Matrix: WATER
 Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/26/04		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	1.0	8.2	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	2.8 J	UG/L
N-BUTYLBENZENE	5.0	2.8 J	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	120	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	15	UG/L
P-ISOPROPYLTOLUENE	5.0	2.6 J	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	51	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	25	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U J	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	25	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	76	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	390 E-340	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	27	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-8

Date Sampled : 06/16/04 Order #: 735813 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/26/04
ANALYTICAL DILUTION: 1.00

M+P-XYLENE	5.0	290	UG/L
------------	-----	-----	------

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	99	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-8

Date Sampled : 06/16/04 Order #: 735813 Sample Matrix: WATER
 Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	5.00		
ACETONE	20	100 U	UG/L
BENZENE	1.0	7.3 J	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
SEC-BUTYLBENZENE	5.0	25 U	UG/L
N-BUTYLBENZENE	5.0	25 U	UG/L
TERT-BUTYLBENZENE	5.0	25 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	25 U	UG/L
ETHYLBENZENE	5.0	120	UG/L
2-HEXANONE	10	50 U	UG/L
ISOPROPYL BENZENE	5.0	13 J	UG/L
P-ISOPROPYLTOLUENE	5.0	25 U	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
NAPHTHALENE	5.0	35	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
N-PROPYLBENZENE	5.0	20 J	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	22 J	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	64	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	340	UG/L
VINYL CHLORIDE	5.0	25 U	UG/L
O-XYLENE	5.0	23 J	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-8

Date Sampled : 06/16/04 Order #: 735813 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 5.00

M+P-XYLENE	5.0	280	UG/L
------------	-----	-----	------

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	96	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-10

Date Sampled : 06/16/04 Order #: 735814 Sample Matrix: WATER
 Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/26/04		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	1.0	4.3 J	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	6.4	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	72	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	13	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.2	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	63	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	14	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	55	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	21	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-10

Date Sampled : 06/16/04 Order #: 735814 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/26/04
ANALYTICAL DILUTION: 1.00

M+P-XYLENE	5.0	260	UG/L
------------	-----	-----	------

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	97	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : FIELD BLANK

Date Sampled : 06/16/04 Order #: 735815 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U J	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : FIELD BLANK

Date Sampled : 06/16/04 Order #: 735815 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 1.00

M+P-XYLENE	5.0	5.0 U	UG/L
------------	-----	-------	------

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	98	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-11

Date Sampled : 06/16/04 Order #: 735816 Sample Matrix: WATER
 Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	2.00		
ACETONE	20	40 U	UG/L
BENZENE	1.0	170	UG/L
BROMODICHLOROMETHANE	5.0	10 U	UG/L
BROMOFORM	5.0	10 U	UG/L
BROMOMETHANE	5.0	10 U	UG/L
2-BUTANONE (MEK)	10	20 U	UG/L
SEC-BUTYLBENZENE	5.0	10 U	UG/L
N-BUTYLBENZENE	5.0	10 U	UG/L
TERT-BUTYLBENZENE	5.0	10 U	UG/L
CARBON DISULFIDE	10	20 U	UG/L
CARBON TETRACHLORIDE	5.0	10 U	UG/L
CHLOROBENZENE	5.0	10 U	UG/L
CHLOROETHANE	5.0	10 U	UG/L
CHLOROFORM	5.0	10 U	UG/L
CHLOROMETHANE	5.0	10 U	UG/L
DIBROMOCHLOROMETHANE	5.0	10 U	UG/L
1,1-DICHLOROETHANE	5.0	10 U	UG/L
1,2-DICHLOROETHANE	5.0	10 U	UG/L
1,1-DICHLOROETHENE	5.0	10 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	10 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	10 U	UG/L
1,2-DICHLOROPROPANE	5.0	10 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	10 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	10 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	10 U	UG/L
ETHYLBENZENE	5.0	240	UG/L
2-HEXANONE	10	20 U	UG/L
ISOPROPYL BENZENE	5.0	5.8 J	UG/L
P-ISOPROPYLTOLUENE	5.0	10 U	UG/L
METHYLENE CHLORIDE	5.0	10 U	UG/L
NAPHTHALENE	5.0	21	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	20 U	UG/L
N-PROPYLBENZENE	5.0	16	UG/L
STYRENE	5.0	10 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	10 U J	UG/L
TETRACHLOROETHENE	5.0	10 U	UG/L
TOLUENE	5.0	44	UG/L
1,1,1-TRICHLOROETHANE	5.0	10 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	10 U	UG/L
TRICHLOROETHENE	5.0	10 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	23	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	120	UG/L
VINYL CHLORIDE	5.0	10 U	UG/L
O-XYLENE	5.0	17	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-11

Date Sampled : 06/16/04 Order #: 735816 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 2.00

M+P-XYLENE	5.0	300	UG/L
------------	-----	-----	------

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	95	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-2

Date Sampled : 06/17/04 Order #: 736165 Sample Matrix: WATER
 Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	10.00		
ACETONE	20	200 U	UG/L
BENZENE	1.0	22 J	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
SEC-BUTYLBENZENE	5.0	12 J	UG/L
N-BUTYLBENZENE	5.0	19 J	UG/L
TERT-BUTYLBENZENE	5.0	50 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	50 U	UG/L
ETHYLBENZENE	5.0	860	UG/L
2-HEXANONE	10	100 U	UG/L
ISOPROPYL BENZENE	5.0	67	UG/L
P-ISOPROPYLTOLUENE	5.0	23 J	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
NAPHTHALENE	5.0	270	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
N-PROPYLBENZENE	5.0	180	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U J	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	370	UG/L
1,1,1-TRICHLOROETHANE	5.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	420	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1700	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L
O-XYLENE	5.0	560	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-2

Date Sampled : 06/17/04 Order #: 736165 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 10.00

M+P-XYLENE	5.0	3300	UG/L
------------	-----	------	------

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
-----------------------------	------------------	--	--

4-BROMOFLUOROBENZENE	(83 - 119 %)	100	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-1.

Date Sampled : 06/17/04 Order #: 736166 Sample Matrix: WATER
 Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	5.00		
ACETONE	20	100 U	UG/L
BENZENE	1.0	230	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
SEC-BUTYLBENZENE	5.0	25 U	UG/L
N-BUTYLBENZENE	5.0	25 U	UG/L
TERT-BUTYLBENZENE	5.0	25 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	25 U	UG/L
ETHYLBENZENE	5.0	780	UG/L
2-HEXANONE	10	50 U	UG/L
ISOPROPYL BENZENE	5.0	35	UG/L
P-ISOPROPYLTOLUENE	5.0	25 U	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
NAPHTHALENE	5.0	130	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
N-PROPYLBENZENE	5.0	77	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	260	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	180	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	640	UG/L
VINYL CHLORIDE	5.0	25 U	UG/L
O-XYLENE	5.0	130	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-1

Date Sampled : 06/17/04 Order #: 736166 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED			
ANALYTICAL DILUTION:	5.00		
M+P-XYLENE	5.0	²⁵⁰⁰ 2400 E	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	96	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-1

Date Sampled : 06/17/04 Order #: 736166 Sample Matrix: WATER
 Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	10.00		
ACETONE	20	200 U	UG/L
BENZENE	1.0	230	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
SEC-BUTYLBENZENE	5.0	50 U	UG/L
N-BUTYLBENZENE	5.0	50 U	UG/L
TERT-BUTYLBENZENE	5.0	50 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	50 U	UG/L
ETHYLBENZENE	5.0	810	UG/L
2-HEXANONE	10	100 U	UG/L
ISOPROPYL BENZENE	5.0	35 J	UG/L
P-ISOPROPYLTOLUENE	5.0	50 U	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
NAPHTHALENE	5.0	110	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
N-PROPYLBENZENE	5.0	81	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	250	UG/L
1,1,1-TRICHLOROETHANE	5.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	170	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	640	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L
O-XYLENE	5.0	120	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-1

Date Sampled : 06/17/04 Order #: 736166 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
<hr/>			
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	10.00		
M+P-XYLENE	5.0	2500	UG/L
<u>SURROGATE RECOVERIES</u>		<u>QC LIMITS</u>	
4-BROMOFLUOROBENZENE	(83 - 119 %)	98	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-3.

Date Sampled : 06/17/04 Order #: 736167 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	5.00		
ACETONE	20	100 U	UG/L
BENZENE	1.0	81	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
SEC-BUTYLBENZENE	5.0	12 J	UG/L
N-BUTYLBENZENE	5.0	17 J	UG/L
TERT-BUTYLBENZENE	5.0	25 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	25 U	UG/L
ETHYLBENZENE	5.0	490	UG/L
2-HEXANONE	10	50 U	UG/L
ISOPROPYL BENZENE	5.0	54	UG/L
P-ISOPROPYLTOLUENE	5.0	8.2 J	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
NAPHTHALENE	5.0	130	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
N-PROPYLBENZENE	5.0	140	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	60	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	170	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	880	UG/L
VINYL CHLORIDE	5.0	25 U	UG/L
O-XYLENE	5.0	100	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-3

Date Sampled : 06/17/04 Order #: 736167 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 5.00

M+P-XYLENE	5.0	990	UG/L
------------	-----	-----	------

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	96	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-9

Date Sampled : 06/18/04 Order #: 736480 Sample Matrix: WATER
 Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	25.00		
ACETONE	20	500 U	UG/L
BENZENE	1.0	77 J	UG/L
BROMODICHLOROMETHANE	5.0	130 U	UG/L
BROMOFORM	5.0	130 U	UG/L
BROMOMETHANE	5.0	130 U	UG/L
2-BUTANONE (MEK)	10	250 U	UG/L
SEC-BUTYLBENZENE	5.0	130 U	UG/L
N-BUTYLBENZENE	5.0	130 U	UG/L
TERT-BUTYLBENZENE	5.0	130 U	UG/L
CARBON DISULFIDE	10	250 U	UG/L
CARBON TETRACHLORIDE	5.0	130 U	UG/L
CHLOROBENZENE	5.0	130 U	UG/L
CHLOROETHANE	5.0	130 U	UG/L
CHLOROFORM	5.0	130 U	UG/L
CHLOROMETHANE	5.0	130 U	UG/L
DIBROMOCHLOROMETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHANE	5.0	130 U	UG/L
1,2-DICHLOROETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHENE	5.0	130 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
1,2-DICHLOROPROPANE	5.0	130 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	130 U	UG/L
ETHYLBENZENE	5.0	2000	UG/L
2-HEXANONE	10	250 U	UG/L
ISOPROPYL BENZENE	5.0	50 J	UG/L
P-ISOPROPYLTOLUENE	5.0	130 U	UG/L
METHYLENE CHLORIDE	5.0	130 U	UG/L
NAPHTHALENE	5.0	410	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	250 U	UG/L
N-PROPYLBENZENE	5.0	190	UG/L
STYRENE	5.0	130 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	130 U	UG/L
TETRACHLOROETHENE	5.0	130 U	UG/L
TOLUENE	5.0	2500	UG/L
1,1,1-TRICHLOROETHANE	5.0	130 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	130 U	UG/L
TRICHLOROETHENE	5.0	130 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	480	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1800	UG/L
VINYL CHLORIDE	5.0	130 U	UG/L
O-XYLENE	5.0	2200	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-9

Date Sampled : 06/18/04 Order #: 736480 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 25.00

M+P-XYLENE	5.0	7700	UG/L
------------	-----	------	------

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	99	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-4

Date Sampled : 06/18/04

Order #: 736481

Sample Matrix: WATER

Date Received: 06/18/04

Submission #: R2421774

Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/27/04			
ANALYTICAL DILUTION: 10.00			
ACETONE	20	200 U	UG/L
BENZENE	1.0	140	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
SEC-BUTYLBENZENE	5.0	10 J	UG/L
N-BUTYLBENZENE	5.0	17 J	UG/L
TERT-BUTYLBENZENE	5.0	50 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	50 U	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	50 U	UG/L
ETHYLBENZENE	5.0	1000	UG/L
2-HEXANONE	10	100 U	UG/L
ISOPROPYL BENZENE	5.0	51	UG/L
P-ISOPROPYLTOLUENE	5.0	25 J	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
NAPHTHALENE	5.0	350	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
N-PROPYLBENZENE	5.0	130	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	320	UG/L
1,1,1-TRICHLOROETHANE	5.0	50 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	50 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	360	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1400	UG/L
VINYL CHLORIDE	5.0	50 U	UG/L
O-XYLENE	5.0	690	UG/L

40

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-4

Date Sampled : 06/18/04 Order #: 736481 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED			
ANALYTICAL DILUTION:			
M+P-XYLENE	5.0	⁴⁵⁰⁰ 4000 E	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	98	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-4

Date Sampled : 06/18/04 Order #: 736481 Sample Matrix: WATER
 Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	50.00		
ACETONE	20	1000 U	UG/L
BENZENE	1.0	130 J	UG/L
BROMODICHLOROMETHANE	5.0	250 U	UG/L
BROMOFORM	5.0	250 U	UG/L
BROMOMETHANE	5.0	250 U	UG/L
2-BUTANONE (MEK)	10	500 U	UG/L
SEC-BUTYLBENZENE	5.0	250 U	UG/L
N-BUTYLBENZENE	5.0	250 U	UG/L
TERT-BUTYLBENZENE	5.0	250 U	UG/L
CARBON DISULFIDE	10	500 U	UG/L
CARBON TETRACHLORIDE	5.0	250 U	UG/L
CHLOROBENZENE	5.0	250 U	UG/L
CHLOROETHANE	5.0	250 U	UG/L
CHLOROFORM	5.0	250 U	UG/L
CHLOROMETHANE	5.0	250 U	UG/L
DIBROMOCHLOROMETHANE	5.0	250 U	UG/L
1,1-DICHLOROETHANE	5.0	250 U	UG/L
1,2-DICHLOROETHANE	5.0	250 U	UG/L
1,1-DICHLOROETHENE	5.0	250 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	250 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	250 U	UG/L
1,2-DICHLOROPROPANE	5.0	250 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	250 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	250 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	250 U	UG/L
ETHYLBENZENE	5.0	1100	UG/L
2-HEXANONE	10	500 U	UG/L
ISOPROPYL BENZENE	5.0	54 J	UG/L
P-ISOPROPYLTOLUENE	5.0	250 U	UG/L
METHYLENE CHLORIDE	5.0	250 U	UG/L
NAPHTHALENE	5.0	320	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	500 U	UG/L
N-PROPYLBENZENE	5.0	140 J	UG/L
STYRENE	5.0	250 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	250 U	UG/L
TETRACHLOROETHENE	5.0	250 U	UG/L
TOLUENE	5.0	330	UG/L
1,1,1-TRICHLOROETHANE	5.0	250 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	250 U	UG/L
TRICHLOROETHENE	5.0	250 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	410	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1500	UG/L
VINYL CHLORIDE	5.0	250 U	UG/L
O-XYLENE	5.0	730	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-4

Date Sampled : 06/18/04 Order #: 736481 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
<hr/>			
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	50.00		
M+P-XYLENE	5.0	4500	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	98	%
TOLUENE-D8	(88 - 124 %)	104	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-7

Date Sampled : 06/18/04 Order #: 736482 Sample Matrix: WATER
 Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	25.00		
ACETONE	20	500 U	UG/L
BENZENE	1.0	1300	UG/L
BROMODICHLOROMETHANE	5.0	130 U	UG/L
BROMOFORM	5.0	130 U	UG/L
BROMOMETHANE	5.0	130 U	UG/L
2-BUTANONE (MEK)	10	250 U	UG/L
SEC-BUTYLBENZENE	5.0	130 U	UG/L
N-BUTYLBENZENE	5.0	130 U	UG/L
TERT-BUTYLBENZENE	5.0	130 U	UG/L
CARBON DISULFIDE	10	250 U	UG/L
CARBON TETRACHLORIDE	5.0	130 U	UG/L
CHLOROBENZENE	5.0	130 U	UG/L
CHLOROETHANE	5.0	130 U	UG/L
CHLOROFORM	5.0	130 U	UG/L
CHLOROMETHANE	5.0	130 U	UG/L
DIBROMOCHLOROMETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHANE	5.0	130 U	UG/L
1,2-DICHLOROETHANE	5.0	29 J	UG/L
1,1-DICHLOROETHENE	5.0	130 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
1,2-DICHLOROPROPANE	5.0	130 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	130 U	UG/L
ETHYLBENZENE	5.0	2400	UG/L
2-HEXANONE	10	250 U	UG/L
ISOPROPYL BENZENE	5.0	96 J	UG/L
P-ISOPROPYLTOLUENE	5.0	130 U	UG/L
METHYLENE CHLORIDE	5.0	130 U	UG/L
NAPHTHALENE	5.0	550	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	250 U	UG/L
N-PROPYLBENZENE	5.0	250	UG/L
STYRENE	5.0	130 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	130 U ^J	UG/L
TETRACHLOROETHENE	5.0	130 U	UG/L
TOLUENE	5.0	6500 6000 E	UG/L
1,1,1-TRICHLOROETHANE	5.0	130 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	130 U	UG/L
TRICHLOROETHENE	5.0	130 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	610	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	2300	UG/L
VINYL CHLORIDE	5.0	130 U	UG/L
O-XYLENE	5.0	1700	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-7

Date Sampled : 06/18/04 Order #: 736482 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
<hr/>			
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	25.00		
M+P-XYLENE	5.0	9400	UG/L
<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	100	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-7

Date Sampled : 06/18/04 Order #: 736482 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	50.00		
ACETONE	20	1000 U	UG/L
BENZENE	1.0	1200	UG/L
BROMODICHLOROMETHANE	5.0	250 U	UG/L
BROMOFORM	5.0	250 U	UG/L
BROMOMETHANE	5.0	250 U	UG/L
2-BUTANONE (MEK)	10	500 U	UG/L
SEC-BUTYLBENZENE	5.0	250 U	UG/L
N-BUTYLBENZENE	5.0	250 U	UG/L
TERT-BUTYLBENZENE	5.0	250 U	UG/L
CARBON DISULFIDE	10	500 U	UG/L
CARBON TETRACHLORIDE	5.0	250 U	UG/L
CHLOROENZENE	5.0	250 U	UG/L
CHLOROETHANE	5.0	250 U	UG/L
CHLOROFORM	5.0	250 U	UG/L
CHLOROMETHANE	5.0	250 U	UG/L
DIBROMOCHLOROMETHANE	5.0	250 U	UG/L
1,1-DICHLOROETHANE	5.0	250 U	UG/L
1,2-DICHLOROETHANE	5.0	250 U	UG/L
1,1-DICHLOROETHENE	5.0	250 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	250 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	250 U	UG/L
1,2-DICHLOROPROPANE	5.0	250 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	250 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	250 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	250 U	UG/L
ETHYLBENZENE	5.0	2500	UG/L
2-HEXANONE	10	500 U	UG/L
ISOPROPYL BENZENE	5.0	96 J	UG/L
P-ISOPROPYLTOLUENE	5.0	250 U	UG/L
METHYLENE CHLORIDE	5.0	250 U	UG/L
NAPHTHALENE	5.0	490	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	500 U	UG/L
N-PROPYLBENZENE	5.0	240 J	UG/L
STYRENE	5.0	250 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	250 U	UG/L
TETRACHLOROETHENE	5.0	250 U	UG/L
TOLUENE	5.0	6500	UG/L
1,1,1-TRICHLOROETHANE	5.0	250 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	250 U	UG/L
TRICHLOROETHENE	5.0	250 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	560	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	2200	UG/L
VINYL CHLORIDE	5.0	250 U	UG/L
O-XYLENE	5.0	1700	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-7

Date Sampled : 06/18/04 Order #: 736482 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED		: 06/27/04	
ANALYTICAL DILUTION:		50.00	
M+P-XYLENE	5.0	10000	UG/L
<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	96	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : TRIP. BLANK

Date Sampled : 06/18/04 Order #: 736483 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : TRIP BLANK

Date Sampled : 06/18/04 Order #: 736483 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 1.00

M+P-XYLENE	5.0	5.0 U	UG/L
------------	-----	-------	------

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	100	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 742204 Sample Matrix: WATER
 Date Received: Submission #: Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/26/04			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/50
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 742206 Sample Matrix: WATER
 Date Received: Submission #: Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/27/04			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 742206 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 1.00

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	98	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
 METHOD 8260B TCL/TANK
 Reported: 07/15/04

Project Reference:
 Client Sample ID : METHOD BLANK

Date Sampled : Order #: 742211 Sample Matrix: WATER
 Date Received: Submission #: Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	1.00		
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 07/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 742211 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 105927

ANALYTE	PQL	RESULT	UNITS
---------	-----	--------	-------

DATE ANALYZED : 06/27/04
ANALYTICAL DILUTION: 1.00

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	92	%
TOLUENE-D8	(88 - 124 %)	96	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 742205 ANALYTICAL RUN #: 105927

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 06/26/04		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	102	50 - 150
BENZENE	20.0	91	70 - 130
BROMODICHLOROMETHANE	20.0	102	70 - 130
BROMOFORM	20.0	100	70 - 130
BROMOMETHANE	20.0	96	50 - 150
2-BUTANONE (MEK)	20.0	80	50 - 150
SEC-BUTYLBENZENE	20.0	99	70 - 130
N-BUTYLBENZENE	20.0	104	70 - 130
TERT-BUTYLBENZENE	20.0	105	70 - 130
CARBON DISULFIDE	20.0	101	70 - 130
CARBON TETRACHLORIDE	20.0	97	70 - 130
CHLOROBENZENE	20.0	100	70 - 130
CHLOROETHANE	20.0	101	70 - 130
CHLOROFORM	20.0	98	70 - 130
CHLOROMETHANE	20.0	93	70 - 130
DIBROMOCHLOROMETHANE	20.0	100	70 - 130
1,1-DICHLOROETHANE	20.0	91	70 - 130
1,2-DICHLOROETHANE	20.0	93	70 - 130
1,1-DICHLOROETHENE	20.0	96	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	95	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	89	70 - 130
1,2-DICHLOROPROPANE	20.0	98	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	93	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	91	70 - 130
METHYL-TERT-BUTYL-ETHER	20.0	90	70 - 130
ETHYLBENZENE	20.0	100	70 - 130
2-HEXANONE	20.0	86	70 - 130
ISOPROPYL BENZENE	20.0	101	70 - 130
P-ISOPROPYLTOLUENE	20.0	107	70 - 130
METHYLENE CHLORIDE	20.0	98	70 - 130
NAPHTHALENE	20.0	109	50 - 150
4-METHYL-2-PENTANONE (MIBK)	20.0	89	70 - 130
N-PROPYLBENZENE	20.0	98	70 - 130
STYRENE	20.0	105	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	65 *	70 - 130
TETRACHLOROETHENE	20.0	94	70 - 130
TOLUENE	20.0	100	70 - 130
1,1,1-TRICHLOROETHANE	20.0	92	70 - 130
1,1,2-TRICHLOROETHANE	20.0	100	70 - 130
TRICHLOROETHENE	20.0	121	70 - 130
1,3,5-TRIMETHYLBENZENE	20.0	104	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 742205 ANALYTICAL RUN # : 105927

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 06/26/04		
ANALYTICAL DILUTION:	1.0		
1,2,4-TRIMETHYLBENZENE	20.0	107	70 - 130
VINYL CHLORIDE	20.0	99	70 - 130
O-XYLENE	20.0	102	70 - 130
M+P-XYLENE	40.0	102	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 742207 ANALYTICAL RUN #: 105927

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	91	50 - 150
BENZENE	20.0	85	70 - 130
BROMODICHLOROMETHANE	20.0	91	70 - 130
BROMOFORM	20.0	85	70 - 130
BROMOMETHANE	20.0	86	50 - 150
2-BUTANONE (MEK)	20.0	82	50 - 150
SEC-BUTYLBENZENE	20.0	86	70 - 130
N-BUTYLBENZENE	20.0	89	70 - 130
TERT-BUTYLBENZENE	20.0	88	70 - 130
CARBON DISULFIDE	20.0	78	70 - 130
CARBON TETRACHLORIDE	20.0	82	70 - 130
CHLOROBENZENE	20.0	85	70 - 130
CHLOROETHANE	20.0	76	70 - 130
CHLOROFORM	20.0	86	70 - 130
CHLOROMETHANE	20.0	82	70 - 130
DIBROMOCHLOROMETHANE	20.0	88	70 - 130
1,1-DICHLOROETHANE	20.0	79	70 - 130
1,2-DICHLOROETHANE	20.0	92	70 - 130
1,1-DICHLOROETHENE	20.0	85	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	82	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	76	70 - 130
1,2-DICHLOROPROPANE	20.0	87	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	85	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	89	70 - 130
METHYL-TERT-BUTYL-ETHER	20.0	83	70 - 130
ETHYLBENZENE	20.0	86	70 - 130
2-HEXANONE	20.0	80	70 - 130
ISOPROPYL BENZENE	20.0	85	70 - 130
P-ISOPROPYLTOLUENE	20.0	94	70 - 130
METHYLENE CHLORIDE	20.0	86	70 - 130
NAPHTHALENE	20.0	97	50 - 150
4-METHYL-2-PENTANONE (MIBK)	20.0	80	70 - 130
N-PROPYLBENZENE	20.0	87	70 - 130
STYRENE	20.0	89	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	69 *	70 - 130
TETRACHLOROETHENE	20.0	80	70 - 130
TOLUENE	20.0	86	70 - 130
1,1,1-TRICHLOROETHANE	20.0	78	70 - 130
1,1,2-TRICHLOROETHANE	20.0	90	70 - 130
TRICHLOROETHENE	20.0	98	70 - 130
1,3,5-TRIMETHYLBENZENE	20.0	90	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 742207 ANALYTICAL RUN #: 105927

<u>ANALYTE</u>	<u>TRUE VALUE</u>	<u>% RECOVERY</u>	<u>QC LIMITS</u>
DATE ANALYZED : 06/27/04			
ANALYTICAL DILUTION: 1.0			
1,2,4-TRIMETHYLBENZENE	20.0	90	70 - 130
VINYL CHLORIDE	20.0	87	70 - 130
O-XYLENE	20.0	87	70 - 130
M+P-XYLENE	40.0	87	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 742212 ANALYTICAL RUN #: 105927

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	1.0		
ACETONE	20.0	84	50 - 150
BENZENE	20.0	105	70 - 130
BROMODICHLOROMETHANE	20.0	104	70 - 130
BROMOFORM	20.0	95	70 - 130
BROMOMETHANE	20.0	107	50 - 150
2-BUTANONE (MEK)	20.0	81	50 - 150
SEC-BUTYLBENZENE	20.0	103	70 - 130
N-BUTYLBENZENE	20.0	109	70 - 130
TERT-BUTYLBENZENE	20.0	103	70 - 130
CARBON DISULFIDE	20.0	96	70 - 130
CARBON TETRACHLORIDE	20.0	108	70 - 130
CHLOROBENZENE	20.0	98	70 - 130
CHLOROETHANE	20.0	97	70 - 130
CHLOROFORM	20.0	102	70 - 130
CHLOROMETHANE	20.0	101	70 - 130
DIBROMOCHLOROMETHANE	20.0	95	70 - 130
1,1-DICHLOROETHANE	20.0	101	70 - 130
1,2-DICHLOROETHANE	20.0	107	70 - 130
1,1-DICHLOROETHENE	20.0	105	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	101	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	95	70 - 130
1,2-DICHLOROPROPANE	20.0	105	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	107	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	110	70 - 130
METHYL-TERT-BUTYL-ETHER	20.0	96	70 - 130
ETHYLBENZENE	20.0	102	70 - 130
2-HEXANONE	20.0	84	70 - 130
ISOPROPYL BENZENE	20.0	101	70 - 130
P-ISOPROPYLTOLUENE	20.0	110	70 - 130
METHYLENE CHLORIDE	20.0	99	70 - 130
NAPHTHALENE	20.0	107	50 - 150
4-METHYL-2-PENTANONE (MIBK)	20.0	92	70 - 130
N-PROPYLBENZENE	20.0	102	70 - 130
STYRENE	20.0	102	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	93	70 - 130
TETRACHLOROETHENE	20.0	102	70 - 130
TOLUENE	20.0	107	70 - 130
1,1,1-TRICHLOROETHANE	20.0	99	70 - 130
1,1,2-TRICHLOROETHANE	20.0	103	70 - 130
TRICHLOROETHENE	20.0	103	70 - 130
1,3,5-TRIMETHYLBENZENE	20.0	104	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 742212 ANALYTICAL RUN #: 105927

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 06/27/04		
ANALYTICAL DILUTION:	1.0		
1,2,4-TRIMETHYLBENZENE	20.0	106	70 - 130
VINYL CHLORIDE	20.0	110	70 - 130
O-XYLENE	20.0	101	70 - 130
M+P-XYLENE	40.0	105	70 - 130

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-5

Date Sampled : 06/15/04 Order #: 735601 Sample Matrix: WATER
Date Received: 06/15/04 Submission #: R2421774 Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/21/04		
DATE ANALYZED	: 06/24/04		
ANALYTICAL DILUTION:	0.96		
ACENAPHTHENE	10	9.6 U	UG/L
ANTHRACENE	10	9.6 U	UG/L
BENZO (A) ANTHRACENE	10	9.6 U	UG/L
BENZO (A) PYRENE	10	9.6 U	UG/L
BENZO (B) FLUORANTHENE	10	9.6 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.6 U	UG/L
BENZO (K) FLUORANTHENE	10	9.6 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.6 U	UG/L
CHRYSENE	10	9.6 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.6 U	UG/L
FLUORANTHENE	10	9.6 U	UG/L
FLUORENE	10	9.6 U	UG/L
NAPHTHALENE	10	9.6 U	UG/L
PHENANTHRENE	10	9.6 U	UG/L
PYRENE	10	9.6 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	80	%
NITROBENZENE-d5	(38 - 105 %)	66	%
2-FLUOROBIPHENYL	(38 - 100 %)	67	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-6

Date Sampled : 06/15/04 Order #: 735602 Sample Matrix: WATER
Date Received: 06/15/04 Submission #: R2421774 Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/21/04		
DATE ANALYZED	: 06/24/04		
ANALYTICAL DILUTION:	0.93		
ACENAPHTHENE	10	9.3 U	UG/L
ANTHRACENE	10	9.3 U	UG/L
BENZO (A) ANTHRACENE	10	9.3 U	UG/L
BENZO (A) PYRENE	10	9.3 U	UG/L
BENZO (B) FLUORANTHENE	10	9.3 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.3 U	UG/L
BENZO (K) FLUORANTHENE	10	9.3 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.3 U	UG/L
CHRYSENE	10	9.3 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.3 U	UG/L
FLUORANTHENE	10	9.3 U	UG/L
FLUORENE	10	9.3 U	UG/L
NAPHTHALENE	10	9.3 U	UG/L
PHENANTHRENE	10	9.3 U	UG/L
PYRENE	10	9.3 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	80	%
NITROBENZENE-d5	(38 - 105 %)	70	%
2-FLUOROBIPHENYL	(38 - 100 %)	72	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-12

Date Sampled : 06/16/04 Order #: 735812 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/21/04		
DATE ANALYZED	: 06/24/04		
ANALYTICAL DILUTION:	0.96		
ACENAPHTHENE	10	9.6 U	UG/L
ANTHRACENE	10	9.6 U	UG/L
BENZO (A) ANTHRACENE	10	9.6 U	UG/L
BENZO (A) PYRENE	10	9.6 U	UG/L
BENZO (B) FLUORANTHENE	10	9.6 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.6 U	UG/L
BENZO (K) FLUORANTHENE	10	9.6 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.6 U	UG/L
CHRYSENE	10	9.6 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.6 U	UG/L
FLUORANTHENE	10	9.6 U	UG/L
FLUORENE	10	9.6 U	UG/L
NAPHTHALENE	10	9.6 U	UG/L
PHENANTHRENE	10	9.6 U	UG/L
PYRENE	10	9.6 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	79	%
NITROBENZENE-d5	(38 - 105 %)	71	%
2-FLUOROBIPHENYL	(38 - 100 %)	73	%

6317

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C STARS LIST SEMIVOLATIL
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-8

Date Sampled : 06/16/04 Order #: 735813 Sample Matrix: WATER
 Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/21/04		
DATE ANALYZED	: 06/24/04		
ANALYTICAL DILUTION:	0.95		
ACENAPHTHENE	10	9.5 U	UG/L
ANTHRACENE	10	9.5 U	UG/L
BENZO (A) ANTHRACENE	10	9.5 U	UG/L
BENZO (A) PYRENE	10	9.5 U	UG/L
BENZO (B) FLUORANTHENE	10	9.5 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.5 U	UG/L
BENZO (K) FLUORANTHENE	10	9.5 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.5 U	UG/L
CHRYSENE	10	9.5 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.5 U	UG/L
FLUORANTHENE	10	9.5 U	UG/L
FLUORENE	10	9.5 U	UG/L
NAPHTHALENE	10	31	UG/L
PHENANTHRENE	10	9.5 U	UG/L
PYRENE	10	9.5 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	79	%
NITROBENZENE-d5	(38 - 105 %)	75	%
2-FLUOROBIPHENYL	(38 - 100 %)	77	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-10

Date Sampled : 06/16/04 Order #: 735814 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/21/04		
DATE ANALYZED	: 06/24/04		
ANALYTICAL DILUTION:	0.96		
ACENAPHTHENE	10	9.6 U	UG/L
ANTHRACENE	10	9.6 U	UG/L
BENZO (A) ANTHRACENE	10	9.6 U	UG/L
BENZO (A) PYRENE	10	9.6 U	UG/L
BENZO (B) FLUORANTHENE	10	9.6 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.6 U	UG/L
BENZO (K) FLUORANTHENE	10	9.6 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.6 U	UG/L
CHRYSENE	10	9.6 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.6 U	UG/L
FLUORANTHENE	10	9.6 U	UG/L
FLUORENE	10	9.6 U	UG/L
NAPHTHALENE	10	28	UG/L
PHENANTHRENE	10	9.6 U	UG/L
PYRENE	10	9.6 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	86	%
NITROBENZENE-d5	(38 - 105 %)	67	%
2-FLUOROBIPHENYL	(38 - 100 %)	70	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : FIELD BLANK

Date Sampled : 06/16/04 Order #: 735815 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/21/04		
DATE ANALYZED	: 06/24/04		
ANALYTICAL DILUTION:	0.93		
ACENAPHTHENE	10	9.3 U	UG/L
ANTHRACENE	10	9.3 U	UG/L
BENZO (A) ANTHRACENE	10	9.3 U	UG/L
BENZO (A) PYRENE	10	9.3 U	UG/L
BENZO (B) FLUORANTHENE	10	9.3 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.3 U	UG/L
BENZO (K) FLUORANTHENE	10	9.3 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.3 U	UG/L
CHRYSENE	10	9.3 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.3 U	UG/L
FLUORANTHENE	10	9.3 U	UG/L
FLUORENE	10	9.3 U	UG/L
NAPHTHALENE	10	9.3 U	UG/L
PHENANTHRENE	10	9.3 U	UG/L
PYRENE	10	9.3 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	88	%
NITROBENZENE-d5	(38 - 105 %)	72	%
2-FLUOROBIPHENYL	(38 - 100 %)	73	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-11

Date Sampled : 06/16/04 Order #: 735816 Sample Matrix: WATER
Date Received: 06/16/04 Submission #: R2421774 Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/21/04		
DATE ANALYZED	: 06/25/04		
ANALYTICAL DILUTION:	0.95		
ACENAPHTHENE	10	9.5 U	UG/L
ANTHRACENE	10	9.5 U	UG/L
BENZO (A) ANTHRACENE	10	9.5 U	UG/L
BENZO (A) PYRENE	10	9.5 U	UG/L
BENZO (B) FLUORANTHENE	10	9.5 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.5 U	UG/L
BENZO (K) FLUORANTHENE	10	9.5 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.5 U	UG/L
CHRYSENE	10	9.5 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.5 U	UG/L
FLUORANTHENE	10	9.5 U	UG/L
FLUORENE	10	9.5 U	UG/L
NAPHTHALENE	10	19	UG/L
PHENANTHRENE	10	9.5 U	UG/L
PYRENE	10	9.5 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	89	%
NITROBENZENE-d5	(38 - 105 %)	69	%
2-FLUOROBIPHENYL	(38 - 100 %)	75	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C STARS LIST SEMIVOLATIL
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-2

Date Sampled : 06/17/04 Order #: 736165 Sample Matrix: WATER
 Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105549

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 06/30/04		
ANALYTICAL DILUTION:	0.93		
ACENAPHTHENE	10	9.3 U	UG/L
ANTHRACENE	10	9.3 U	UG/L
BENZO (A) ANTHRACENE	10	9.3 U	UG/L
BENZO (A) PYRENE	10	9.3 U	UG/L
BENZO (B) FLUORANTHENE	10	9.3 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.3 U	UG/L
BENZO (K) FLUORANTHENE	10	9.3 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.3 U	UG/L
CHRYSENE	10	9.3 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.3 U	UG/L
FLUORANTHENE	10	9.3 U	UG/L
FLUORENE	10	9.3 U	UG/L
NAPHTHALENE	10	220 210 E	UG/L
PHENANTHRENE	10	9.3 U	UG/L
PYRENE	10	9.3 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	83	%
NITROBENZENE-d5	(38 - 105 %)	69	%
2-FLUOROBIPHENYL	(38 - 100 %)	73	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-2

Date Sampled : 06/17/04 Order #: 736165 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 07/01/04		
ANALYTICAL DILUTION:	4.65		
ACENAPHTHENE	10	47 U	UG/L
ANTHRACENE	10	47 U	UG/L
BENZO (A) ANTHRACENE	10	47 U	UG/L
BENZO (A) PYRENE	10	47 U	UG/L
BENZO (B) FLUORANTHENE	10	47 U	UG/L
BENZO (G, H, I) PERYLENE	10	47 U	UG/L
BENZO (K) FLUORANTHENE	10	47 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	47 U	UG/L
CHRYSENE	10	47 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	47 U	UG/L
FLUORANTHENE	10	47 U	UG/L
FLUORENE	10	47 U	UG/L
NAPHTHALENE	10	220 D	UG/L
PHENANTHRENE	10	47 U	UG/L
PYRENE	10	47 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	85	%
NITROBENZENE-d5	(38 - 105 %)	72	%
2-FLUOROBIPHENYL	(38 - 100 %)	77	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-1

Date Sampled : 06/17/04 Order #: 736166 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105549

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 06/30/04		
ANALYTICAL DILUTION:	0.96		
ACENAPHTHENE	10	9.6 U	UG/L
ANTHRACENE	10	9.6 U	UG/L
BENZO (A) ANTHRACENE	10	9.6 U	UG/L
BENZO (A) PYRENE	10	9.6 U	UG/L
BENZO (B) FLUORANTHENE	10	9.6 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.6 U	UG/L
BENZO (K) FLUORANTHENE	10	9.6 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.6 U	UG/L
CHRYSENE	10	9.6 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.6 U	UG/L
FLUORANTHENE	10	9.6 U	UG/L
FLUORENE	10	9.6 U	UG/L
NAPHTHALENE	10	97	UG/L
PHENANTHRENE	10	9.6 U	UG/L
PYRENE	10	9.6 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	88	%
NITROBENZENE-d5	(38 - 105 %)	69	%
2-FLUOROBIPHENYL	(38 - 100 %)	71	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.

Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET

Client Sample ID : MW-3

Date Sampled : 06/17/04 Order #: 736167 Sample Matrix: WATER
Date Received: 06/17/04 Submission #: R2421774 Analytical Run 105549

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 06/30/04		
ANALYTICAL DILUTION:	0.98		
ACENAPHTHENE	10	9.8 U	UG/L
ANTHRACENE	10	9.8 U	UG/L
BENZO (A) ANTHRACENE	10	9.8 U	UG/L
BENZO (A) PYRENE	10	9.8 U	UG/L
BENZO (B) FLUORANTHENE	10	9.8 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.8 U	UG/L
BENZO (K) FLUORANTHENE	10	9.8 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.8 U	UG/L
CHRYSENE	10	9.8 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.8 U	UG/L
FLUORANTHENE	10	9.8 U	UG/L
FLUORENE	10	9.8 U	UG/L
NAPHTHALENE	10	100	UG/L
PHENANTHRENE	10	9.8 U	UG/L
PYRENE	10	9.8 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	86	%
NITROBENZENE-d5	(38 - 105 %)	73	%
2-FLUOROBIPHENYL	(38 - 100 %)	78	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-9

Date Sampled : 06/18/04 Order #: 736480 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105549

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 06/30/04		
ANALYTICAL DILUTION:	0.95		
ACENAPHTHENE	10	9.5 U	UG/L
ANTHRACENE	10	9.5 U	UG/L
BENZO (A) ANTHRACENE	10	9.5 U	UG/L
BENZO (A) PYRENE	10	9.5 U	UG/L
BENZO (B) FLUORANTHENE	10	9.5 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.5 U	UG/L
BENZO (K) FLUORANTHENE	10	9.5 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.5 U	UG/L
CHRYSENE	10	9.5 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.5 U	UG/L
FLUORANTHENE	10	9.5 U	UG/L
FLUORENE	10	9.5 U	UG/L
NAPHTHALENE	10	340 330 E	UG/L
PHENANTHRENE	10	9.5 U	UG/L
PYRENE	10	9.5 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(40 - 137 %)	84	%
NITROBENZENE-d5	(38 - 105 %)	75	%
2-FLUOROBIPHENYL	(38 - 100 %)	79	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-9

Date Sampled : 06/18/04 Order #: 736480 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 07/01/04		
ANALYTICAL DILUTION:	4.75		
ACENAPHTHENE	10	48 U	UG/L
ANTHRACENE	10	48 U	UG/L
BENZO (A) ANTHRACENE	10	48 U	UG/L
BENZO (A) PYRENE	10	48 U	UG/L
BENZO (B) FLUORANTHENE	10	48 U	UG/L
BENZO (G, H, I) PERYLENE	10	48 U	UG/L
BENZO (K) FLUORANTHENE	10	48 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	48 U	UG/L
CHRYSENE	10	48 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	48 U	UG/L
FLUORANTHENE	10	48 U	UG/L
FLUORENE	10	48 U	UG/L
NAPHTHALENE	10	340 D	UG/L
PHENANTHRENE	10	48 U	UG/L
PYRENE	10	48 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	85	%
NITROBENZENE-d5	(38 - 105 %)	74	%
2-FLUOROBIPHENYL	(38 - 100 %)	75	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-4

Date Sampled : 06/18/04 Order #: 736481 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105549

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 07/02/04		
ANALYTICAL DILUTION:	7.76		
ACENAPHTHENE	10	78 U	UG/L
ANTHRACENE	10	78 U	UG/L
BENZO (A) ANTHRACENE	10	78 U	UG/L
BENZO (A) PYRENE	10	78 U	UG/L
BENZO (B) FLUORANTHENE	10	78 U	UG/L
BENZO (G, H, I) PERYLENE	10	78 U	UG/L
BENZO (K) FLUORANTHENE	10	78 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	78 U	UG/L
CHRYSENE	10	78 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	78 U	UG/L
FLUORANTHENE	10	78 U	UG/L
FLUORENE	10	19 J	UG/L
NAPHTHALENE	10	800	UG/L
PHENANTHRENE	10	12 J	UG/L
PYRENE	10	78 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	95	%
NITROBENZENE-d5	(38 - 105 %)	52	%
2-FLUOROBIPHENYL	(38 - 100 %)	84	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
Client Sample ID : MW-7

Date Sampled : 06/18/04 Order #: 736482 Sample Matrix: WATER
Date Received: 06/18/04 Submission #: R2421774 Analytical Run 105549

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 07/01/04		
ANALYTICAL DILUTION:	0.93		
ACENAPHTHENE	10	9.3 U	UG/L
ANTHRACENE	10	9.3 U	UG/L
BENZO (A) ANTHRACENE	10	9.3 U	UG/L
BENZO (A) PYRENE	10	9.3 U	UG/L
BENZO (B) FLUORANTHENE	10	9.3 U	UG/L
BENZO (G, H, I) PERYLENE	10	9.3 U	UG/L
BENZO (K) FLUORANTHENE	10	9.3 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	9.3 U	UG/L
CHRYSENE	10	9.3 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	9.3 U	UG/L
FLUORANTHENE	10	9.3 U	UG/L
FLUORENE	10	9.3 U	UG/L
NAPHTHALENE	10	450 410 E	UG/L
PHENANTHRENE	10	9.3 U	UG/L
PYRENE	10	9.3 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	82	%
NITROBENZENE-d5	(38 - 105 %)	72	%
2-FLUOROBIPHENYL	(38 - 100 %)	73	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
 METHOD 8270C STARS LIST SEMIVOLATIL
 Reported: 07/15/04

Bergmann Associates, P.C.
 Project Reference: CITY OF ROCHESTER - 1200 E. MAIN STREET
 Client Sample ID : MW-7

Date Sampled : 06/18/04 Order #: 736482 Sample Matrix: WATER
 Date Received: 06/18/04 Submission #: R2421774 Analytical Run 0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED	: 06/24/04		
DATE ANALYZED	: 07/01/04		
ANALYTICAL DILUTION:	5.58		
ACENAPHTHENE	10	56 U	UG/L
ANTHRACENE	10	56 U	UG/L
BENZO (A) ANTHRACENE	10	56 U	UG/L
BENZO (A) PYRENE	10	56 U	UG/L
BENZO (B) FLUORANTHENE	10	56 U	UG/L
BENZO (G, H, I) PERYLENE	10	56 U	UG/L
BENZO (K) FLUORANTHENE	10	56 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	56 U	UG/L
CHRYSENE	10	56 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	56 U	UG/L
FLUORANTHENE	10	56 U	UG/L
FLUORENE	10	56 U	UG/L
NAPHTHALENE	10	450 D	UG/L
PHENANTHRENE	10	56 U	UG/L
PYRENE	10	56 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

TERPHENYL-d14	(40 - 137 %)	79	%
NITROBENZENE-d5	(38 - 105 %)	71	%
2-FLUOROBIPHENYL	(38 - 100 %)	73	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 739515 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 105549

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/24/04			
DATE ANALYZED : 06/30/04			
ANALYTICAL DILUTION: 1.00			
ACENAPHTHENE	10	10 U	UG/L
ANTHRACENE	10	10 U	UG/L
BENZO (A) ANTHRACENE	10	10 U	UG/L
BENZO (A) PYRENE	10	10 U	UG/L
BENZO (B) FLUORANTHENE	10	10 U	UG/L
BENZO (G, H, I) PERYLENE	10	10 U	UG/L
BENZO (K) FLUORANTHENE	10	10 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	10 U	UG/L
CHRYSENE	10	10 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	10 U	UG/L
FLUORANTHENE	10	10 U	UG/L
FLUORENE	10	10 U	UG/L
NAPHTHALENE	10	10 U	UG/L
PHENANTHRENE	10	10 U	UG/L
PYRENE	10	10 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(40 - 137 %)	90	%
NITROBENZENE-d5	(38 - 105 %)	74	%
2-FLUOROBIPHENYL	(38 - 100 %)	75	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 07/15/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 737913 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 105323

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 06/21/04			
DATE ANALYZED : 06/24/04			
ANALYTICAL DILUTION: 1.00			
ACENAPHTHENE	10	10 U	UG/L
ANTHRACENE	10	10 U	UG/L
BENZO (A) ANTHRACENE	10	10 U	UG/L
BENZO (A) PYRENE	10	10 U	UG/L
BENZO (B) FLUORANTHENE	10	10 U	UG/L
BENZO (G, H, I) PERYLENE	10	10 U	UG/L
BENZO (K) FLUORANTHENE	10	10 U	UG/L
INDENO (1, 2, 3-CD) PYRENE	10	10 U	UG/L
CHRYSENE	10	10 U	UG/L
DIBENZO (A, H) ANTHRACENE	10	10 U	UG/L
FLUORANTHENE	10	10 U	UG/L
FLUORENE	10	10 U	UG/L
NAPHTHALENE	10	10 U	UG/L
PHENANTHRENE	10	10 U	UG/L
PYRENE	10	10 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
TERPHENYL-d14	(40 - 137 %)	81	%
NITROBENZENE-d5	(38 - 105 %)	72	%
2-FLUOROBIPHENYL	(38 - 100 %)	79	%

OLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 739516

Dup Spiked Order No. : 739517

Client ID:

Test: 8270C STARS LIST SEMIVOLATILES

Analytical Units: UG/L

Run Number : 105549

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	BLANK SPIKE		BLANK SPIKE DUP.				QC LIMITS
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	100	0	94.0	94	98.0	98	4	31	41 - 121
ANTHRACENE	100	0	100	100	100	100	0	30	73 - 107
BENZO (A) ANTHRACENE	100	0	100	100	100	100	0	30	71 - 110
BENZO (A) PYRENE	100	0	100	100	100	100	0	30	61 - 119
BENZO (B) FLUORANTHENE	100	0	100	100	110	110	10	30	68 - 112
BENZO (G, H, I) PERYLENE	100	0	100	100	100	100	0	30	50 - 125
BENZO (K) FLUORANTHENE	100	0	100	100	100	100	0	30	68 - 113
INDENO (1, 2, 3 - CD) PYRENE	100	0	100	100	100	100	0	30	70 - 130
CHRYSENE	100	0	100	100	100	100	0	30	61 - 119
DIBENZO (A, H) ANTHRACENE	100	0	110	110	110	110	0	30	70 - 130
FLUORANTHENE	100	0	100	100	110	110	10	30	75 - 106
FLUORENE	100	0	98.0	98	100	100	2	30	60 - 111
NAPHTHALENE	100	0	82.0	82	87.0	87	6	30	26 - 109
PHENANTHRENE	100	0	100	100	110	110	10	30	68 - 108
PYRENE	100	0	100	100	100	100	0	31	60 - 115



July 19, 2004

Mr. Gary Flisnik
Bergmann Associates
28 East Main Street
Rochester, NY 14614

Re: City of Rochester - 1200 E. Main Street
Submission # R2421775
SDG # MW-13

Dear Mr. Flisnik:

Enclosed is the analytical data report for the above referenced facility. A total of five samples were received by our laboratory on June 15, 2004.

Any problems encountered with this project are addressed in a case narrative section which is presented later in this report.

This report consists of two (2) packages: the sample data package and the sample data summary package. All data presented in this package has been reviewed prior to report submission. If you should have any questions or concerns, please contact me at (585) 288-5380.

Thank you for your continued use of our services.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice M. Jaeger
Project Chemist

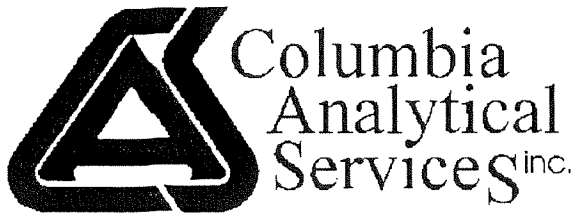
enc.

ASP PACKAGE:
MW-13

1 Duplicate

4 ms
14 MSD

BLANK = LAB
BLANK
R 2421775



1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E. MAIN STREET
Lab Submission # : R2421775
Project Manager : Janice Jaeger
Reported : 07/16/04

Report Contains a total of 65 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. *Michael K. Perry*

CASE NARRATIVE

COMPANY: Bergmann Associates
City of Rochester - 1200 E. Main Street
SUBMISSION #: R2421775

Brown & Caldwell samples were sampled on 06/15/04 and received at CAS on 06/15/04 in good condition

VOLATILE ORGANICS

Three water samples were analyzed for TCL Volatiles by CLP method OLM 4.2 and two water samples were analyzed for the STARS list of Volatiles by method 8260B from SW-846.

All the initial and continuing calibration criteria were met for all analytes except the minimum response factor for OLM 4.2 was not met for the 10 ppb standard for 1,3-Dichlorobenzene and 1,2,4-Trichlorobenzene. Two exceptions are allowed as per CLP protocol.

All internal standard areas were within QC limits.

All Tuning criteria for BFB were met.

All surrogate standard recoveries were within QC limits.

Site specific QC was performed on MW-14. All MS/MSD and Reference spike recoveries were within limits. All RPD's were within limits.

The Laboratory blanks associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

Three water samples were analyzed for TCL Semivolatiles by CLP method OLM 4.2.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

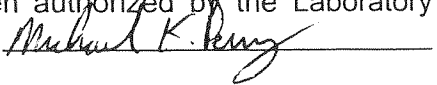
All Tuning criteria were met for DFTPP.

All surrogate standard recoveries were within limits.

Site specific QC was performed on MW-14. All MS/MSD and Blank spike recoveries were within limits except 4-Nitrophenol and Pentachlorophenol were outside limits high and have been flagged with an "***". No data was affected. All RPD's were within limits

The Laboratory Blanks associated with these analyses were free of contamination except SBLK1 contained a low level hit for Di-n-butylphthalate. All affected data has been flagged with a "B".

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature. 



ORGANIC QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.
- P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P".
- C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- X - As specified in Case Narrative.
- * - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

Army Corp of Engineers Validated
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited

NELAP Accredited
New York ID # 10145
New Jersey ID # NY004
New Hampshire ID # 294100 A/B
Pennsylvania Registration 68-786
Rhode Island ID # 158
South Carolina ID #91012
West Virginia ID # 292

Cooler Receipt And Preservation Check Form

Project/Client Bergmann Submission Number R2-21775

Cooler received on 6/15/04 by: Uma COURIER: CAS UPS FEDEX CD&L CLIENT

- | | | | |
|---|------------------------|-----------|-----|
| 1. Were custody seals on outside of cooler? | <u>YES</u> | <u>NO</u> | |
| 2. Were custody papers properly filled out (ink, signed, etc.)? | <u>YES</u> | <u>NO</u> | |
| 3. Did all bottles arrive in good condition (unbroken)? | <u>YES</u> | <u>NO</u> | |
| 4. Did any VOA vials have significant air bubbles? | <u>YES</u> | <u>NO</u> | N/A |
| 5. Were <u>Ice</u> or Ice packs present? | <u>YES</u> | <u>NO</u> | |
| 6. Where did the bottles originate? | <u>CAS/ROC, CLIENT</u> | | |
| 7. Temperature of cooler(s) upon receipt: <u>5°C</u> | | | |

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No Uma No No No

Date/Time Temperatures Taken: 6/15/04 1350 1550

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples

Cooler Breakdown: Date: 6-17-04 by: KE

- | | | | |
|--|------------|-----------|--|
| 1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? | <u>YES</u> | <u>NO</u> | |
| 2. Did all bottle labels and tags agree with custody papers? | <u>YES</u> | <u>NO</u> | |
| 3. Were correct containers used for the tests indicated? | <u>YES</u> | <u>NO</u> | |
| 4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated | <u>N/A</u> | | |

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO ₃					
2	H ₂ SO ₄					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2	

Other Comments: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735603 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5070.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735603 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5070.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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 _J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-13

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735603 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5070.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-07-1	Propene	1.72	9	JN
2.	unknown aliphatic hydrocarbon	2.13	6	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13 DUPL

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735604 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5071.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13 DUPL

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735604 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5071.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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 <i>J</i>

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-13 DUPL

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735604 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5071.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000115-07-1	Propene	1.72	9	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5069.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5069.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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 J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-14

Lab Name: CAS/ROCH Contract: BER
Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
Matrix: (soil/water) WATER Lab Sample ID: 735605 1.0
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5069.D
Level: (low/med) LOW Date Received: 06/15/04
% Moisture: not dec. _____ Date Analyzed: 06/25/04
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
---------	---------------	----	------------	---

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COOLER BLK

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735606 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5079.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COOLER BLK

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735606 1.0
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5079.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

COOLER BLK

Lab Name: CAS/ROCH Contract: BER
Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
Matrix: (soil/water) WATER Lab Sample ID: 735606 1.0
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5079.D
Level: (low/med) LOW Date Received: 06/15/04
% Moisture: not dec. _____ Date Analyzed: 06/25/04
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
---------	---------------	----	------------	---

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B STARS LIST
Reported: 07/16/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E. MAIN STREET
Client Sample ID : MW-13 STARS

Date Sampled : 06/15/04 Order #: 735607 Sample Matrix: WATER
Date Received: 06/15/04 Submission #: R2421775 Analytical Run 105583

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/25/04		
ANALYTICAL DILUTION:	1.00		
BENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	1.4 J	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	96	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B STARS LIST
Reported: 07/16/04

Bergmann Associates, P.C.
Project Reference: CITY OF ROCHESTER 1200 E. MAIN STREET
Client Sample ID : MW-14 STARS

Date Sampled : 06/15/04 Order #: 735608 Sample Matrix: WATER
Date Received: 06/15/04 Submission #: R2421775 Analytical Run 105583

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 06/25/04		
ANALYTICAL DILUTION:	1.00		
BENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

<u>SURROGATE RECOVERIES</u>	<u>QC LIMITS</u>		
4-BROMOFLUOROBENZENE	(83 - 119 %)	96	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	103	%

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735603 1.87
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AG102.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 2.0 to 6/27/04
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		19	U
111-44-4	bis(-2-Chloroethyl)Ether		19	U
95-57-8	2-Chlorophenol		19	U
541-73-1	1,3-Dichlorobenzene		19	U
106-46-7	1,4-Dichlorobenzene		19	U
95-50-1	1,2-Dichlorobenzene		19	U
108-60-1	2,2'-oxybis(1-Chloropropane)		19	U
95-48-7	2-Methylphenol		19	U
621-24-7	N-Nitroso-Di-n-propylamine		19	U
67-72-1	Hexachloroethane		19	U
106-44-5	4-Methylphenol		19	U
98-95-3	Nitrobenzene		19	U
78-59-1	Isophorone		19	U
88-75-5	2-Nitrophenol		19	U
105-67-9	2,4-Dimethylphenol		19	U
111-91-1	bis(-2-Chloroethoxy)Methane		19	U
120-83-2	2,4-Dichlorophenol		19	U
120-82-1	1,2,4-Trichlorobenzene		19	U
91-20-3	Naphthalene		19	U
106-47-8	4-Chloroaniline		19	U
87-68-3	Hexachlorobutadiene		19	U
59-50-7	4-Chloro-3-methylphenol		19	U
91-57-6	2-Methylnaphthalene		19	U
77-47-4	Hexachlorocyclopentadiene		19	U
88-06-2	2,4,6-Trichlorophenol		19	U
95-95-4	2,4,5-Trichlorophenol		47	U
91-58-7	2-Chloronaphthalene		19	U
88-74-4	2-Nitroaniline		47	U
208-96-8	Acenaphthylene		19	U
131-11-3	Dimethyl Phthalate		19	U
606-20-2	2,6-Dinitrotoluene		19	U
83-32-9	Acenaphthene		19	U
99-09-2	3-Nitroaniline		47	U
51-28-5	2,4-Dinitrophenol		47	U
132-64-9	Dibenzofuran		19	U
121-14-2	2,4-Dinitrotoluene		19	U
100-02-7	4-Nitrophenol		47	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735603 1.87
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AG102.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0 2.0 5.0 6/22/04
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		19	U
7005-72-3	4-Chlorophenyl-phenylether		19	U
84-66-2	Diethylphthalate		19	U
100-01-6	4-Nitroaniline		47	U
534-52-1	4,6-Dinitro-2-methylphenol		47	U
86-30-6	N-Nitrosodiphenylamine		19	U
101-55-3	4-Bromophenyl-phenylether		19	U
118-74-1	Hexachlorobenzene		19	U
87-86-5	Pentachlorophenol		47	U
85-01-8	Phenanthrene		19	U
120-12-7	Anthracene		19	U
86-74-8	Carbazole		19	U
84-74-2	Di-n-Butylphthalate	19	3	JB U
206-44-0	Fluoranthene		19	U
129-00-0	Pyrene		19	U
85-68-7	Butyl benzyl phthalate		19	U
91-94-1	3,3'-Dichlorobenzidine		19	U
56-55-3	Benzo(a)Anthracene		19	U
218-01-9	Chrysene		19	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		19	U
117-84-0	Di-n-octyl phthalate		19	U
205-99-2	Benzo(b)fluoranthene		19	U
207-08-9	Benzo(k)Fluoranthene		19	U
50-32-8	Benzo(a)Pyrene		19	U
193-39-5	Indeno(1,2,3-cd)Pyrene		19	U
53-70-3	Dibenz(a,h)anthracene		19	U
191-24-2	Benzo(g,h,i)Perylene		19	U
100-52-7	Benzaldehyde		19	U
98-86-2	Acetophenone		19	U
105-60-2	Caprolactam		120	J
92-52-4	Biphenyl		19	U
1912-24-9	Atrazine		19	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-13

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13

Matrix: (soil/water) WATER Lab Sample ID: 735603 1.87

Sample wt/vol: 1070 (g/ml) ML Lab File ID: AG102.D

Level: (low/med) LOW Date Received: 6/15/04

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0 2.0 5.0 6/18/04

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.34	5	J
2.	unknown	4.05	4	J
3.	unknown	4.34	4	JBR
4.	unknown	4.39	4	JBR
5. 000111-76-2	Ethanol, 2-butoxy-	4.81	20	JNB
6.	unknown acid	5.39	4	J
7.	unknown acid	8.21	4	J
8.	unknown	16.80	4	J
9.	unknown	18.18	10	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13 DUP

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735604 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AG082.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		2	J
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		9	U
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		9	U
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		1	J
621-24-7	N-Nitroso-Di-n-propylamine		9	U
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		1	J
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		9	U
91-20-3	Naphthalene		9	U
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		9	U
91-57-6	2-Methylnaphthalene		9	U
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		23	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		23	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		9	U
99-09-2	3-Nitroaniline		23	U
51-28-5	2,4-Dinitrophenol		23	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		9	U
100-02-7	4-Nitrophenol		23	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-13 DUP

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735604 0.93
 Sample wt/vol: 1070 (g/ml) ML Lab File ID: AG082.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		9	U
7005-72-3	4-Chlorophenyl-phenylether		9	U
84-66-2	Diethylphthalate		9	U
100-01-6	4-Nitroaniline		23	U
534-52-1	4,6-Dinitro-2-methylphenol		23	U
86-30-6	N-Nitrosodiphenylamine		9	U
101-55-3	4-Bromophenyl-phenylether		9	U
118-74-1	Hexachlorobenzene		9	U
87-86-5	Pentachlorophenol		23	U
85-01-8	Phenanthrene		9	U
120-12-7	Anthracene		9	U
86-74-8	Carbazole		9	U
84-74-2	Di-n-Butylphthalate	9.4	9.4	JB
206-44-0	Fluoranthene		9	U
129-00-0	Pyrene		9	U
85-68-7	Butyl benzyl phthalate		1	J
91-94-1	3,3'-Dichlorobenzidine		9	U
56-55-3	Benzo(a)Anthracene		9	U
218-01-9	Chrysene		9	U
117-81-7	Bis(2-Ethylhexyl)Phthalate		9	U
117-84-0	Di-n-octyl phthalate		9	U
205-99-2	Benzo(b)fluoranthene		9	U
207-08-9	Benzo(k)Fluoranthene		9	U
50-32-8	Benzo(a)Pyrene		9	U
193-39-5	Indeno(1,2,3-cd)Pyrene		9	U
53-70-3	Dibenz(a,h)anthracene		9	U
191-24-2	Benzo(g,h,i)Perylene		9	U
100-52-7	Benzaldehyde		9	U
98-86-2	Acetophenone		9	U
105-60-2	Caprolactam		37	J
92-52-4	Biphenyl		9	U
1912-24-9	Atrazine		9	U

Handwritten notes: JB 6/20/04

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-13 DUP

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13

Matrix: (soil/water) WATER Lab Sample ID: 735604 0.93

Sample wt/vol: 1070 (g/ml) ML Lab File ID: AG082.D

Level: (low/med) LOW Date Received: 6/15/04

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 16 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.39	4	J
2.	unknown	4.09	4	J
3.	unknown	4.16	3	J
4.	unknown	4.28	3	JB
5.	unknown	4.35	4	JB
6.	unknown	4.40	4	JB
7. 000111-76-2	Ethanol, 2-butoxy-	4.81	18	JNB
8.	unknown	5.42	3	J
9.	unknown	6.26	3	J
10. 000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	7.50	2	JN
11.	unknown acid	8.21	2	J
12.	unknown	8.46	3	J
13.	unknown acid	9.52	2	J
14. 000057-10-3	n-Hexadecanoic acid	15.17	2	JN
15.	unknown	16.80	2	J
16.	unknown	19.84	3	JB

1B
 VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14

Contract: Bergmann

Case No.: R421775 SAS No.: _____ SDG No.: MW-13

 ER _____ Lab Sample ID: 735605 0.95
 (g/ml) ML _____ Lab File ID: AG083.D
 _____ Date Received: 6/15/04
 decanted:(Y/N) N _____ Date Extracted: 6/17/04
 e: 1000 (uL) _____ Date Analyzed: 6/21/04
 uL) _____ Dilution Factor: 1.0
 pH: 7 _____

CONCENTRATION UNITS:

COMPOUND (ug/L or ug/Kg) UG/L Q

COMPOUND	(ug/L or ug/Kg)	UG/L	Q
Phenol		1	J
Bis(-2-Chloroethyl)Ether		10	U
2-Chlorophenol		10	U
1,3-Dichlorobenzene		10	U
1,4-Dichlorobenzene		10	U
1,2-Dichlorobenzene		10	U
2,2'-oxybis(1-Chloropropane)		10	U
2-Methylphenol		10	U
N-Nitroso-Di-n-propylamine		10	U
Hexachloroethane		10	U
4-Methylphenol		10	U
Nitrobenzene		10	U
sophorone		10	U
2-Nitrophenol		10	U
2,4-Dimethylphenol		10	U
Bis(-2-Chloroethoxy)Methane		10	U
2,4-Dichlorophenol		10	U
1,2,4-Trichlorobenzene		10	U
Naphthalene		10	U
4-Chloroaniline		10	U
Hexachlorobutadiene		10	U
4-Chloro-3-methylphenol		10	U
2-Methylnaphthalene		10	U
Hexachlorocyclopentadiene		10	U
2,4,6-Trichlorophenol		10	U
2,4,5-Trichlorophenol		24	U
2-Chloronaphthalene		10	U
2-Nitroaniline		24	U
Acenaphthylene		10	U
Dimethyl Phthalate		10	U
2,6-Dinitrotoluene		10	U
Acenaphthene		10	U
3-Nitroaniline		24	U
2,4-Dinitrophenol		24	U
Dibenzofuran		10	U
2,4-Dinitrotoluene		10	U
4-Nitrophenol		24	U



1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 0.95
 Sample wt/vol: 1050 (g/ml) ML Lab File ID: AG083.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene	10		U
7005-72-3	4-Chlorophenyl-phenylether	10		U
84-66-2	Diethylphthalate	10		U
100-01-6	4-Nitroaniline	24		U
534-52-1	4,6-Dinitro-2-methylphenol	24		U
86-30-6	N-Nitrosodiphenylamine	10		U
101-55-3	4-Bromophenyl-phenylether	10		U
118-74-1	Hexachlorobenzene	10		U
87-86-5	Pentachlorophenol	24		U
85-01-8	Phenanthrene	10		U
120-12-7	Anthracene	10		U
86-74-8	Carbazole	10		U
84-74-2	Di-n-Butylphthalate	10 3		JBU
206-44-0	Fluoranthene	10		U
129-00-0	Pyrene	10		U
85-68-7	Butyl benzyl phthalate	1		J
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	1		J
117-84-0	Di-n-octyl phthalate	10		U
205-99-2	Benzo(b)fluoranthene	10		U
207-08-9	Benzo(k)Fluoranthene	10		U
50-32-8	Benzo(a)Pyrene	10		U
193-39-5	Indeno(1,2,3-cd)Pyrene	10		U
53-70-3	Dibenz(a,h)anthracene	10		U
191-24-2	Benzo(g,h,i)Perylene	10		U
100-52-7	Benzaldehyde	10		U
98-86-2	Acetophenone	10		U
105-60-2	Caprolactam	24		U
92-52-4	Biphenyl	10		U
1912-24-9	Atrazine	10		U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-14

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 0.95
 Sample wt/vol: 1050 (g/ml) ML Lab File ID: AG083.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.92	2	J
2.	unknown	4.29	3	JB
3.	unknown	4.35	4	JB
4.	unknown	4.40	4	JB
5. O00111-76-2	Ethanol, 2-butoxy-	4.81	20	JNB
6.	unknown acid	5.41	2	J
7. O00112-05-0	Nonanoic acid	8.18	2	JN
8.	unknown acid	9.52	2	J

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13

	EPA SAMPLE NO.	SMC1 #	SMC2 #	SMC3 #	TOT OUT
01	VBLK01	111	104	94	0
02	VBLK01MS	109	101	95	0
03	MW-14	106	99	87	0
04	MW-13	104	98	89	0
05	MW-13 DUPL	111	104	90	0
06	MW-14MS	109	99	89	0
07	MW-14MSD	113	98	89	0
08	COOLER BLK	107	101	88	0

QC LIMITS

SMC1 = SURR1,1,2-Dicethane (76-114)
 SMC2 = SURR,Toluene-d8 (88-110)
 SMC3 = SURR2,BFB (86-115)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13

	EPA SAMPLE NO.	S1 (2FP) #	S2 [PHL] #	S3 #	S4 #	S5 (NBZ) #	S6 (FBP) #	S7 #	S8 (TPH) #	TOT OUT
01	SBLK1	64	74	75	60	75	81	90	101	0
02	SBLK1MS	69	80	84	69	84	88	103	103	0
03	MW-13 DUP	56	66	71	59	73	76	92	69	0
04	MW-14	54	64	69	58	74	78	91	88	0
05	MW-14MS	65	77	79	65	80	86	98	98	0
06	MW-14MSD	63	76	78	64	80	84	101	100	0
07	MW-13	68	81	82	65	85	88	101	95	0

QC LIMITS

S1 (2FP)	=	2-Fluorophenol	(21-110)
S2 [PHL]	=	Phenol-d6	(10-110)
S3	=	2-Chlorophenol-d4	(33-110)
S4	=	1,2-Dichlorobenzene-d4	(16-110)
S5 (NBZ)	=	Nitrobenzene-d5	(35-114)
S6 (FBP)	=	2-Fluorobiphenyl	(43-116)
S7	=	2,4,6-Tribromophenol	(10-123)
S8 (TPH)	=	Terphenyl-d14	(33-141)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B STARS LIST

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 739693 ANALYTICAL RUN #: 105583

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED	: 06/25/04		
ANALYTICAL DILUTION:	1.0		
BENZENE	20.0	99	70 - 130
N-BUTYLBENZENE	20.0	100	70 - 130
SEC-BUTYLBENZENE	20.0	99	70 - 130
TERT-BUTYLBENZENE	20.0	98	70 - 130
METHYL-TERT-BUTYL-ETHER	20.0	101	70 - 130
ETHYLBENZENE	20.0	95	70 - 130
ISOPROPYL BENZENE	20.0	98	70 - 130
P-ISOPROPYLTOLUENE	20.0	99	70 - 130
NAPHTHALENE	20.0	98	50 - 150
N-PROPYLBENZENE	20.0	96	70 - 130
TOLUENE	20.0	97	70 - 130
1,2,4-TRIMETHYLBENZENE	20.0	96	70 - 130
1,3,5-TRIMETHYLBENZENE	20.0	101	70 - 130
O-XYLENE	20.0	97	70 - 130
M+P-XYLENE	40.0	100	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B STARS LIST
Reported: 07/16/04

Project Reference:
Client Sample ID : LABORATORY CONTROL SAMPLE

Date Sampled : Order #: 739693 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 105583

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/25/04			
ANALYTICAL DILUTION: 1.00			
BENZENE	5.0	20	UG/L
N-BUTYLBENZENE	5.0	20	UG/L
SEC-BUTYLBENZENE	5.0	20	UG/L
TERT-BUTYLBENZENE	5.0	20	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	20	UG/L
ETHYLBENZENE	5.0	19	UG/L
ISOPROPYL BENZENE	5.0	20	UG/L
P-ISOPROPYLTOLUENE	5.0	20	UG/L
NAPHTHALENE	5.0	20	UG/L
N-PROPYLBENZENE	5.0	19	UG/L
TOLUENE	5.0	19	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	19	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	20	UG/L
O-XYLENE	5.0	19	UG/L
M+P-XYLENE	5.0	40	UG/L

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	104	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	102	%

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS/ROCH Contract: BERLab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13Matrix Spike - EPA Sample No VBLK01

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	54	108	61 - 145
Benzene	50	0.0	52	104	76 - 127
Trichloroethene	50	0.0	52	104	71 - 120
Toluene	50	0.0	52	104	76 - 125
Chlorobenzene	50	0.0	53	106	75 - 130

COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01MS

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: VBLK01MS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5068.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha		10	U
75-35-4	1,1-Dichloroethene		54	
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		52	
79-01-6	Trichloroethene		52	
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		52	
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
124-48-1	Dibromochloromethane		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		53	
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01MS

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: VBLK01MS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5068.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: BergmannLab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13Matrix Spike - EPA Sample No SBLK1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	75	0.0	64	85	12 - 110
2-Chlorophenol	75	0.0	65	87	27 - 123
1,4-Dichlorobenzene	50	0.0	38	76	36 - 97
N-Nitroso-Di-n-propylamine	50	0.0	38	76	41 - 116
1,2,4-Trichlorobenzene	50	0.0	40	80	39 - 98
4-Chloro-3-methylphenol	75	0.0	68	91	23 - 97
Acenaphthene	50	0.0	43	86	46 - 118
2,4-Dinitrotoluene	50	0.0	48	96	24 - 96
4-Nitrophenol	75	0.0	78	104 *	10 - 80
Pentachlorophenol	75	0.0	82	109 *	9 - 103
Pyrene	50	0.0	48	96	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: out of outside limits

Spike Recovery: out of outside limits

COMMENTS:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 736995 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AG080.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		64	
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		65	
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		38	
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		38	
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		40	
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		68	
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
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		25	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		43	
99-09-2	3-Nitroaniline		25	U
51-28-5	2,4-Dinitrophenol		25	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		48	
100-02-7	4-Nitrophenol		78	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK1MS

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13

Matrix: (soil/water) WATER Lab Sample ID: 736995 1.0

Sample wt/vol: 1000 (g/ml) ML Lab File ID: AG080.D

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

% Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene		10	U
7005-72-3	4-Chlorophenyl-phenylether		10	U
84-66-2	Diethylphthalate		10	U
100-01-6	4-Nitroaniline		25	U
534-52-1	4,6-Dinitro-2-methylphenol		25	U
86-30-6	N-Nitrosodiphenylamine		10	U
101-55-3	4-Bromophenyl-phenylether		10	U
118-74-1	Hexachlorobenzene		10	U
87-86-5	Pentachlorophenol		82	E
85-01-8	Phenanthrene		10	U
120-12-7	Anthracene		10	U
86-74-8	Carbazole		10	U
84-74-2	Di-n-Butylphthalate		3	JB
206-44-0	Fluoranthene		10	U
129-00-0	Pyrene		48	
85-68-7	Butyl benzyl phthalate		1	J
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-octyl phthalate		10	U
205-99-2	Benzo(b)fluoranthene		10	U
207-08-9	Benzo(k)Fluoranthene		10	U
50-32-8	Benzo(a)Pyrene		10	U
193-39-5	Indeno(1,2,3-cd)Pyrene		10	U
53-70-3	Dibenz(a,h)anthracene		10	U
191-24-2	Benzo(g,h,i)Perylene		10	U
100-52-7	Benzaldehyde		10	U
98-86-2	Acetophenone		10	U
105-60-2	Caprolactam		25	U
92-52-4	Biphenyl		10	U
1912-24-9	Atrazine		10	U

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix Spike - EPA Sample No MW-14

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	52	104	61 - 145
Benzene	50	0.0	49	98	76 - 127
Trichloroethene	50	0.0	49	98	71 - 120
Toluene	50	0.0	49	98	76 - 125
Chlorobenzene	50	0.0	51	102	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50	53	106	2	14	61 - 145
Benzene	50	48	96	2	11	76 - 127
Trichloroethene	50	48	96	2	14	71 - 120
Toluene	50	50	100	2	13	76 - 125
Chlorobenzene	50	51	102	0	13	75 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14MS

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 1.0 MS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5072.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha		10	U
75-35-4	1,1-Dichloroethene		52	
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		49	
79-01-6	Trichloroethene		49	
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		49	
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
124-48-1	Dibromochloromethane		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		51	
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14MS

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 1.0 MS
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5072.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14MSD

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 1.0 MSD
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5073.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		10	U
75-35-4	1,1-Dichloroethene		53	
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		48	
79-01-6	Trichloroethene		48	
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		50	
10061-02-6	trans-1,3-Dichloropropene		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
124-48-1	Dibromochloromethane		10	U
106-93-4	1,2-Dibromoethane		10	U
108-90-7	Chlorobenzene		51	
100-41-4	Ethylbenzene		10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14MSD

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 735605 1.0 MSD
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5073.D
 Level: (low/med) LOW Date Received: 06/15/04
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix Spike - EPA Sample No MW-14

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	71	1.4	55	76	12 - 110
2-Chlorophenol	71	0.0	54	76	27 - 123
1,4-Dichlorobenzene	47	0.0	30	64	36 - 97
N-Nitroso-Di-n-propylamine	47	0.0	21	45	41 - 116
1,2,4-Trichlorobenzene	47	0.0	32	68	39 - 98
4-Chloro-3-methylphenol	71	0.0	57	80	23 - 97
Acenaphthene	47	0.0	37	79	46 - 118
2,4-Dinitrotoluene	47	0.0	43	91	24 - 96
4-Nitrophenol	71	0.0	68	96 *	10 - 80
Pentachlorophenol	71	0.0	74	104 *	9 - 103
Pyrene	47	0.0	41	87	26 - 127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	71	55	76	0	42	12 - 110
2-Chlorophenol	71	55	77	1	40	27 - 123
1,4-Dichlorobenzene	48	28	58	10	28	36 - 97
N-Nitroso-Di-n-propylamine	48	23	48	6	38	41 - 116
1,2,4-Trichlorobenzene	48	31	65	5	28	39 - 98
4-Chloro-3-methylphenol	71	58	82	2	42	23 - 97
Acenaphthene	48	37	77	3	31	46 - 118
2,4-Dinitrotoluene	48	43	90	1	38	24 - 96
4-Nitrophenol	71	73	103 *	7	50	10 - 80
Pentachlorophenol	71	79	111 *	7	50	9 - 103
Pyrene	48	42	88	1	31	26 - 127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 11 outside limits

Spike Recovery: 4 out of 22 outside limits

COMMENTS:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-14MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 736996 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AG084.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		55	
111-44-4	bis(-2-Chloroethyl)Ether		9	U
95-57-8	2-Chlorophenol		54	
541-73-1	1,3-Dichlorobenzene		9	U
106-46-7	1,4-Dichlorobenzene		30	
95-50-1	1,2-Dichlorobenzene		9	U
108-60-1	2,2'-oxybis(1-Chloropropane)		9	U
95-48-7	2-Methylphenol		9	U
621-24-7	N-Nitroso-Di-n-propylamine		21	
67-72-1	Hexachloroethane		9	U
106-44-5	4-Methylphenol		9	U
98-95-3	Nitrobenzene		9	U
78-59-1	Isophorone		9	U
88-75-5	2-Nitrophenol		9	U
105-67-9	2,4-Dimethylphenol		9	U
111-91-1	bis(-2-Chloroethoxy)Methane		9	U
120-83-2	2,4-Dichlorophenol		9	U
120-82-1	1,2,4-Trichlorobenzene		32	
91-20-3	Naphthalene		9	U
106-47-8	4-Chloroaniline		9	U
87-68-3	Hexachlorobutadiene		9	U
59-50-7	4-Chloro-3-methylphenol		57	
91-57-6	2-Methylnaphthalene		9	U
77-47-4	Hexachlorocyclopentadiene		9	U
88-06-2	2,4,6-Trichlorophenol		9	U
95-95-4	2,4,5-Trichlorophenol		24	U
91-58-7	2-Chloronaphthalene		9	U
88-74-4	2-Nitroaniline		24	U
208-96-8	Acenaphthylene		9	U
131-11-3	Dimethyl Phthalate		9	U
606-20-2	2,6-Dinitrotoluene		9	U
83-32-9	Acenaphthene		37	
99-09-2	3-Nitroaniline		24	U
51-28-5	2,4-Dinitrophenol		24	U
132-64-9	Dibenzofuran		9	U
121-14-2	2,4-Dinitrotoluene		43	
100-02-7	4-Nitrophenol		68	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-14MS

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 736996 0.94
 Sample wt/vol: 1060 (g/ml) ML Lab File ID: AG084.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene	9		U
7005-72-3	4-Chlorophenyl-phenylether	9		U
84-66-2	Diethylphthalate	9		U
100-01-6	4-Nitroaniline	24		U
534-52-1	4,6-Dinitro-2-methylphenol	24		U
86-30-6	N-Nitrosodiphenylamine	9		U
101-55-3	4-Bromophenyl-phenylether	9		U
118-74-1	Hexachlorobenzene	9		U
87-86-5	Pentachlorophenol	74		
85-01-8	Phenanthrene	9		U
120-12-7	Anthracene	9		U
86-74-8	Carbazole	9		U
84-74-2	Di-n-Butylphthalate	3		JB
206-44-0	Fluoranthene	9		U
129-00-0	Pyrene	41		
85-68-7	Butyl benzyl phthalate	9		U
91-94-1	3,3'-Dichlorobenzidine	9		U
56-55-3	Benzo(a)Anthracene	9		U
218-01-9	Chrysene	9		U
117-81-7	Bis(2-Ethylhexyl)Phthalate	1		J
117-84-0	Di-n-octyl phthalate	9		U
205-99-2	Benzo(b)fluoranthene	9		U
207-08-9	Benzo(k)Fluoranthene	9		U
50-32-8	Benzo(a)Pyrene	9		U
193-39-5	Indeno(1,2,3-cd)Pyrene	9		U
53-70-3	Dibenz(a,h)anthracene	9		U
191-24-2	Benzo(g,h,i)Perylene	9		U
100-52-7	Benzaldehyde	9		U
98-86-2	Acetophenone	9		U
105-60-2	Caprolactam	24		U
92-52-4	Biphenyl	9		U
1912-24-9	Atrazine	9		U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 736997 0.95
 Sample wt/vol: 1050 (g/ml) ML Lab File ID: AG085.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol		55	
111-44-4	bis(-2-Chloroethyl)Ether		10	U
95-57-8	2-Chlorophenol		55	
541-73-1	1,3-Dichlorobenzene		10	U
106-46-7	1,4-Dichlorobenzene		28	
95-50-1	1,2-Dichlorobenzene		10	U
108-60-1	2,2'-oxybis(1-Chloropropane)		10	U
95-48-7	2-Methylphenol		10	U
621-24-7	N-Nitroso-Di-n-propylamine		23	
67-72-1	Hexachloroethane		10	U
106-44-5	4-Methylphenol		10	U
98-95-3	Nitrobenzene		10	U
78-59-1	Isophorone		10	U
88-75-5	2-Nitrophenol		10	U
105-67-9	2,4-Dimethylphenol		10	U
111-91-1	bis(-2-Chloroethoxy)Methane		10	U
120-83-2	2,4-Dichlorophenol		10	U
120-82-1	1,2,4-Trichlorobenzene		31	
91-20-3	Naphthalene		10	U
106-47-8	4-Chloroaniline		10	U
87-68-3	Hexachlorobutadiene		10	U
59-50-7	4-Chloro-3-methylphenol		58	
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		24	U
91-58-7	2-Chloronaphthalene		10	U
88-74-4	2-Nitroaniline		24	U
208-96-8	Acenaphthylene		10	U
131-11-3	Dimethyl Phthalate		10	U
606-20-2	2,6-Dinitrotoluene		10	U
83-32-9	Acenaphthene		37	
99-09-2	3-Nitroaniline		24	U
51-28-5	2,4-Dinitrophenol		24	U
132-64-9	Dibenzofuran		10	U
121-14-2	2,4-Dinitrotoluene		43	
100-02-7	4-Nitrophenol		73	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-14MSD

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 736997 0.95
 Sample wt/vol: 1050 (g/ml) ML Lab File ID: AG085.D
 Level: (low/med) LOW Date Received: 6/15/04
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene	10		U
7005-72-3	4-Chlorophenyl-phenylether	10		U
84-66-2	Diethylphthalate	10		U
100-01-6	4-Nitroaniline	24		U
534-52-1	4,6-Dinitro-2-methylphenol	24		U
86-30-6	N-Nitrosodiphenylamine	10		U
101-55-3	4-Bromophenyl-phenylether	10		U
118-74-1	Hexachlorobenzene	10		U
87-86-5	Pentachlorophenol	79		E
85-01-8	Phenanthrene	10		U
120-12-7	Anthracene	10		U
86-74-8	Carbazole	10		U
84-74-2	Di-n-Butylphthalate	2		JB
206-44-0	Fluoranthene	10		U
129-00-0	Pyrene	42		
85-68-7	Butyl benzyl phthalate	1		J
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	1		J
117-84-0	Di-n-octyl phthalate	10		U
205-99-2	Benzo(b)fluoranthene	10		U
207-08-9	Benzo(k)Fluoranthene	10		U
50-32-8	Benzo(a)Pyrene	10		U
193-39-5	Indeno(1,2,3-cd)Pyrene	10		U
53-70-3	Dibenz(a,h)anthracene	10		U
191-24-2	Benzo(g,h,i)Perylene	10		U
100-52-7	Benzaldehyde	10		U
98-86-2	Acetophenone	10		U
105-60-2	Caprolactam	24		U
92-52-4	Biphenyl	10		U
1912-24-9	Atrazine	10		U

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B STARS LIST
Reported: 07/16/04

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 739692 Sample Matrix: WATER
Date Received: Submission #: Analytical Run 105583

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 06/25/04			
ANALYTICAL DILUTION: 1.00			
BENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(83 - 119 %)	98	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(91 - 113 %)	101	%

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK01

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Lab File ID: R5066.D Lab Sample ID: VBLK01
 Date Analyzed: 06/25/04 Time Analyzed: 11:02
 GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
 Instrument ID: GCMS#6

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLK01MS	VBLK01MS	R5068.D	12:28
02	MW-14	735605 1.0	R5069.D	13:15
03	MW-13	735603 1.0	R5070.D	13:52
04	MW-13 DUPL	735604 1.0	R5071.D	14:25
05	MW-14MS	735605 1.0 MS	R5072.D	15:02
06	MW-14MSD	735605 1.0 MSD	R5073.D	15:31
07	COOLER BLK	735606 1.0	R5079.D	18:34

COMMENTS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: VBLK01
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5066.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha		10	U
75-35-4	1,1-Dichloroethene		10	U
67-64-1	Acetone		10	U
75-15-0	Carbon Disulfide		10	U
79-20-9	Methyl Acetate		10	U
75-09-2	Methylene Chloride		10	U
1634-04-4	Methyl tert-butyl Ether		10	U
156-60-5	trans-1,2-Dichloroethene		10	U
75-34-3	1,1-Dichloroethane		10	U
156-59-2	cis-1,2-Dichloroethene		10	U
78-93-3	2-Butanone (MEK)		10	U
67-66-3	Chloroform		10	U
110-82-7	Cyclohexane		10	U
107-06-2	1,2-Dichloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
56-23-5	Carbon tetrachloride		10	U
71-43-2	Benzene		10	U
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
75-25-2	Bromoform		10	U
127-18-4	Tetrachloroethene		10	U
591-78-6	2-Hexanone		10	U
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: VBLK01
 Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5066.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. _____ Date Analyzed: 06/25/04
 GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

1330-20-7	(m+p) Xylene		10	U
1330-20-7	o-Xylene		10	U
100-42-5	Styrene		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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK01

Lab Name: CAS/ROCH Contract: BER
Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
Matrix: (soil/water) WATER Lab Sample ID: VBLK01
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: R5066.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 06/25/04
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
---------	---------------	----	------------	---

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Lab File ID: AG079.D Lab Sample ID: 736994 1.0
 Instrument ID: 5973-C Date Extracted: 6/17/04
 Matrix: (soil/water) WATER Date Analyzed: 6/21/04
 Level: (low/med) LOW Time Analyzed: 18:08

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK1MS	736995 1.0	AG080.D	6/21/04
02	MW-13 DUP	735604 0.93	AG082.D	6/21/04
03	MW-14	735605 0.95	AG083.D	6/21/04
04	MW-14MS	736996 0.94	AG084.D	6/21/04
05	MW-14MSD	736997 0.95	AG085.D	6/21/04
06	MW-13	735603 1.87	AG102.D	6/22/04

COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 736994 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AG079.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2	Phenol	10		U
111-44-4	bis(-2-Chloroethyl)Ether	10		U
95-57-8	2-Chlorophenol	10		U
541-73-1	1,3-Dichlorobenzene	10		U
106-46-7	1,4-Dichlorobenzene	10		U
95-50-1	1,2-Dichlorobenzene	10		U
108-60-1	2,2'-oxybis(1-Chloropropane)	10		U
95-48-7	2-Methylphenol	10		U
621-24-7	N-Nitroso-Di-n-propylamine	10		U
67-72-1	Hexachloroethane	10		U
106-44-5	4-Methylphenol	10		U
98-95-3	Nitrobenzene	10		U
78-59-1	Isophorone	10		U
88-75-5	2-Nitrophenol	10		U
105-67-9	2,4-Dimethylphenol	10		U
111-91-1	bis(-2-Chloroethoxy)Methane	10		U
120-83-2	2,4-Dichlorophenol	10		U
120-82-1	1,2,4-Trichlorobenzene	10		U
91-20-3	Naphthalene	10		U
106-47-8	4-Chloroaniline	10		U
87-68-3	Hexachlorobutadiene	10		U
59-50-7	4-Chloro-3-methylphenol	10		U
91-57-6	2-Methylnaphthalene	10		U
77-47-4	Hexachlorocyclopentadiene	10		U
88-06-2	2,4,6-Trichlorophenol	10		U
95-95-4	2,4,5-Trichlorophenol	25		U
91-58-7	2-Chloronaphthalene	10		U
88-74-4	2-Nitroaniline	25		U
208-96-8	Acenaphthylene	10		U
131-11-3	Dimethyl Phthalate	10		U
606-20-2	2,6-Dinitrotoluene	10		U
83-32-9	Acenaphthene	10		U
99-09-2	3-Nitroaniline	25		U
51-28-5	2,4-Dinitrophenol	25		U
132-64-9	Dibenzofuran	10		U
121-14-2	2,4-Dinitrotoluene	10		U
100-02-7	4-Nitrophenol	25		U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Matrix: (soil/water) WATER Lab Sample ID: 736994 1.0
 Sample wt/vol: 1000 (g/ml) ML Lab File ID: AG079.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: _____ decanted:(Y/N) N Date Extracted: 6/17/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
86-73-7	Fluorene	10	U	
7005-72-3	4-Chlorophenyl-phenylether	10	U	
84-66-2	Diethylphthalate	10	U	
100-01-6	4-Nitroaniline	25	U	
534-52-1	4,6-Dinitro-2-methylphenol	25	U	
86-30-6	N-Nitrosodiphenylamine	10	U	
101-55-3	4-Bromophenyl-phenylether	10	U	
118-74-1	Hexachlorobenzene	10	U	
87-86-5	Pentachlorophenol	25	U	
85-01-8	Phenanthrene	10	U	
120-12-7	Anthracene	10	U	
86-74-8	Carbazole	10	U	
84-74-2	Di-n-Butylphthalate	3	J	
206-44-0	Fluoranthene	10	U	
129-00-0	Pyrene	10	U	
85-68-7	Butyl benzyl phthalate	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-octyl phthalate	10	U	
205-99-2	Benzo(b)fluoranthene	10	U	
207-08-9	Benzo(k)Fluoranthene	10	U	
50-32-8	Benzo(a)Pyrene	10	U	
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U	
53-70-3	Dibenz(a,h)anthracene	10	U	
191-24-2	Benzo(g,h,i)Perylene	10	U	
100-52-7	Benzaldehyde	10	U	
98-86-2	Acetophenone	10	U	
105-60-2	Caprolactam	25	U	
92-52-4	Biphenyl	10	U	
1912-24-9	Atrazine	10	U	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLK1

Lab Name: CAS-ROCH Contract: Bergmann

Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13

Matrix: (soil/water) WATER Lab Sample ID: 736994 1.0

Sample wt/vol: 1000 (g/ml) ML Lab File ID: AG079.D

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.29	4	J
2.	unknown	4.36	4	J
3.	unknown	4.40	4	J
4. 000111-76-2	Ethanol, 2-butoxy-	4.82	16	JN
5.	unknown	10.20	2	J
6.	unknown	19.84	2	J

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Lab File ID: R5011.D BFB Injection Date: 06/23/04
 Instrument ID: GCMS#6 BFB Injection Time: 11:16
 GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.1
75	30.0 - 66.0% of mass 95	42.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.3
173	Less than 2.0% of mass 174	1.6 (1.6)1
174	50.0 - 120.0% of mass 95	101.9
175	4.0 - 9.0% of mass 174	7.0 (6.9)1
176	93.0 - 101.0% of mass 174	97.0 (95.2)1
177	5.0 - 9.0% of mass 176	6.7 (6.9)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	VSTD010	R5022.D	06/23/04	18:09
02	VSTD020	VSTD020	R5023.D	06/23/04	18:40
03	VSTD050	VSTD050	R5024.D	06/23/04	19:10
04	VSTD100	VSTD100	R5025.D	06/23/04	19:42
05	VSTD200	VSTD200	R5026.D	06/23/04	20:42
06	VSTD050	VSTD050	R5065.D	06/25/04	10:26

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Lab File ID: R5064.D BFB Injection Date: 06/25/04
 Instrument ID: GCMS#6 BFB Injection Time: 09:19
 GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.1
75	30.0 - 66.0% of mass 95	48.8
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.7
173	Less than 2.0% of mass 174	1.2 (1.2)1
174	50.0 - 120.0% of mass 95	107.0
175	4.0 - 9.0% of mass 174	7.1 (6.7)1
176	93.0 - 101.0% of mass 174	100.5 (94.0)1
177	5.0 - 9.0% of mass 176	7.6 (7.5)2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD050	VSTD050	R5065.D	06/25/04	10:26
02	VBLK01	VBLK01	R5066.D	06/25/04	11:02
03	VBLK01MS	VBLK01MS	R5068.D	06/25/04	12:28
04	MVV-14	735605 1.0	R5069.D	06/25/04	13:15
05	MVV-13	735603 1.0	R5070.D	06/25/04	13:52
06	MVV-13 DUPL	735604 1.0	R5071.D	06/25/04	14:25
07	MVV-14MS	735605 1.0 MS	R5072.D	06/25/04	15:02
08	MVV-14MSD	735605 1.0 MSD	R5073.D	06/25/04	15:31
09	COOLER BLK	735606 1.0	R5079.D	06/25/04	18:34

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS/ROCH Contract: BER
 Lab Code: 10145 Case No.: R4-21775 SAS No.: _____ SDG No.: MW-13
 Lab File ID (Standard): R5065.D Date Analyzed: 06/25/04
 Instrument ID: GCMS#6 Time Analyzed: 10:26
 GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

		IS1		IS2		IS3	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		224900	7.87	1104305	8.94	1009705	11.21
UPPER LIMIT		449800	8.37	2208610	9.44	2019410	11.71
LOWER LIMIT		112450	7.37	552153	8.44	504853	10.71
EPA SAMPLE NO.							
01	VBLK01	197334	7.86	982756	8.94	905363	11.21
02	VBLK01MS	200412	7.87	1007062	8.94	902822	11.21
03	MW-14	198028	7.86	1020196	8.94	920859	11.21
04	MW-13	198549	7.87	1001268	8.94	898385	11.21
05	MW-13 DUPL	190786	7.87	987459	8.94	870989	11.21
06	MW-14MS	193787	7.87	1012422	8.94	910408	11.21
07	MW-14MSD	184369	7.87	990557	8.94	884112	11.21
08	COOLER BLK	189286	7.87	951675	8.94	852101	11.21

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Lab File ID (Standard): AG078.D Date Analyzed: 6/21/04
 Instrument ID: 5973-C Time Analyzed: 17:28

	IS1(DCB)		IS2(NPT)		IS3(ANT)		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12 HOUR STD	118723	5.98	417647	7.74	194783	10.97	
UPPER LIMIT	237446	6.48	835294	8.24	389566	11.47	
LOWER LIMIT	59362	5.48	208824	7.24	97392	10.47	
EPA SAMPLE NO.							
01	SBLK1	148136	5.98	513538	7.74	233461	10.97
02	SBLK1MS	152516	5.98	556936	7.74	267367	10.97
03	MW-13 DUP	139573	5.97	505025	7.74	240440	10.97
04	MW-14	135536	5.97	491615	7.74	234277	10.97
05	MW-14MS	134196	5.98	497896	7.74	237005	10.97
06	MW-14MSD	135577	5.98	500652	7.74	243116	10.97

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Lab File ID (Standard): AG078.D Date Analyzed: 06/21/04
 Instrument ID: 5973-C Time Analyzed: 17:28

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		302265	14.12	254932	20.00	233179	23.73
UPPER LIMIT		604530	13.62	509864	19.50	466358	23.23
LOWER LIMIT		151133	14.62	127466	20.50	116590	24.23
EPA SAMPLE NO.							
01	SBLK1	360146	14.12	283909	19.99	254790	23.72
02	SBLK1MS	422889	14.12	323161	19.99	276218	23.73
03	MW-13 DUP	376769	14.12	307348	19.99	280995	23.73
04	MW-14	362543	14.12	296011	19.99	276025	23.73
05	MW-14MS	367805	14.12	295812	19.99	274078	23.72
06	MW-14MSD	388207	14.12	302929	19.99	275892	23.73

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Lab File ID (Standard): AG101.D Date Analyzed: 6/22/04
 Instrument ID: 5973-C Time Analyzed: 12:16

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	88979	5.96	338888	7.73	175410	10.96
UPPER LIMIT	177958	6.46	677776	8.23	350820	11.46
LOWER LIMIT	44490	5.46	169444	7.23	87705	10.46
EPA SAMPLE NO.						
01 MW-13	87217	5.97	340349	7.74	178209	10.97

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CAS-ROCH Contract: Bergmann
 Lab Code: 10145 Case No.: R421775 SAS No.: _____ SDG No.: MW-13
 Lab File ID (Standard): AG101.D Date Analyzed: 06/22/04
 Instrument ID: 5973-C Time Analyzed: 12:16

	IS4(PHN)		IS5(CRY)		IS6(PRY)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	299162	14.11	272877	19.99	242971	23.72
UPPER LIMIT	598324	13.61	545754	19.49	485942	23.22
LOWER LIMIT	149581	14.61	136439	20.49	121486	24.22
EPA SAMPLE NO.						
01 MW-13	300955	14.12	270131	20.00	239980	23.73

IS1 (DCB) = d4-1,4-Dichlorobenzene
 IS2 (NPT) = d8-Naphthalene
 IS3 (ANT) = d10-Acenaphthene
 IS4 (PHN) = d10-Phenanthrene
 IS5 (CRY) = d12-Chrysene
 IS6 (PRY) = d12-Perylene

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits