MONTGOMERY WATSON

MONTHLY STATUS REPORT

EPA Region 5 Records Ctr.
248093

To: Mr. Mike Bellot
Remedial Project Manager
U.S. EPA – Region 5
77 West Jackson Boulevard, SR-6J
Chicago, Illinois 60604-3590

Report Date: July 15, 1998

Client: Forest Preserve District – DuPage County

MW Project #: 1252008

Site Name/Activity: Blackwell Landfill/Response Actions

Prepared By: Peter J. Vagt, Ph.D., CPG
Walter G. Buettner, P.E.
Montgomery Watson
2100 Corporate Drive
Addison, Illinois 60101

WGB

Reporting Period: June 1998

Progress Made This Reporting Period and Documents Submitted:

- During June 1998, approximately 107,000 gallons of leachate were collected by the leachate collection system (LCS). The leachate was disposed of at the Wheaton Sanitary District Waste Water Treatment Plant (WWTP). To date, approximately 374,700 gallons of leachate have been disposed of since the LCS began operation in December 1997.

- During June 1998, Montgomery Watson continued contract negotiations with a prospective subcontractor regarding construction of Cap Repair Areas No. 1, 2, and 4. Contract negotiations are expected to be complete in early July 1998.

- On June 11, 1998, Montgomery Watson undertook the field drilling and sampling program for the North Stormwater Trench investigation. The raw unvalidated analytical results for the subsurface soil samples are attached.

- On June 15, 1998 Montgomery Watson submitted the revised work plan for a proposed natural attenuation study. The work plan included Addendum No. 4 to the Field Sampling Plan and QAPP Addendum No. 7. The revised work plan was

prepared in response to March 23, 1998 comments from the U.S. EPA, and an April 8, 1998 meeting with the U.S. EPA.

Agency Reviews/Approvals Pending:

- Approval of the April 24, 1998 QAPP Addendum No. 5 and 6.
- Review/approval of the May 29, 1998 Revised Draft O&M Plan.
- Approval of the June 15, 1998 revised work plan for the natural attenuation study, including Addendum No. 4 to the Field Sampling Plan and QAPP Addendum No. 7.

Problems or Potential Problems, and Recommendations:

- None.

Upcoming Activities Planned:

- Validation of the analytical results from the North Stormwater Pipe Investigation, and preparation of a summary report.
- Conducting the second round of the quarterly groundwater monitoring program and sampling of Sand Pond upon U.S. EPA's approval of QAPP Addenda and the proposed natural attenuation study.
- Conducting the natural attenuation study upon U.S. EPA's approval of the work plan.
- Continuation of a literature review for the Arboreal Impact Investigation.
- Preparation of the remaining construction work on Cap Repair Areas 1, 2, and 4 for the upcoming 1998 construction season. A combined Construction Completion Report for the 1997 and 1998 construction seasons will be prepared upon completion of cap repair activities.
- Continued operation of the LCS in accordance with the May 29, 1998, revised draft O&M Plan.

Personnel Changes:

- None to report.

Analytical/Laboratory:

- The raw unvalidated analytical results for North Stormwater Trench investigation are attached.

Schedule:

The schedule of deliverables to U.S. EPA, to date, is shown below.

DELIVERABLE	TARGET DATE	SUBMITTED DATE
1. Draft Expedited LCS Work Plans and Pre-Final Design Plans and Pre-Final Design	April 22, 1996	April 17, 1996
2. Draft Predesign Investigations and Cap Repair Work Plans	April 22, 1996	April 19, 1996
3. Final Predesign Investigations and Cap Repair Work Plans	—	August 15, 1996
4. Final Predesign Investigation and Cap Repair Work Plans	May 31, 1996, or as amended by Work Plan approval	July 3, 1996
5. Technical Memorandum on Predesign Investigation	—	January 10, 1997
6. Expedited LCS Final Design	As soon as possible after receiving U.S. EPA comments on the Work Plan and Pre-Final Design	February 12, 1997
7. Predesign Report	—	April 10, 1997
8. Revised Expedited LCS Final Design	—	May 2, 1997
9. Final Cap Repair 100% Design Report	—	June 3, 1997
10. Award Contract(s) for the Response Actions	As established in the schedule in the approved Cap Repair Final Design	June 26, 1997
11. Pre-Construction Inspection and Meeting	—	July 15, 1997
12. Revised Predesign Report	—	July 25, 1997
13. Deed Restriction	—	August 5, 1997
14. Initiate Construction of Response Actions	Fifteen (15) days after Pre-Construction Inspection and Meeting	August 4, 1997
15. Completion of Construction	In accordance with the construction schedule in the approved Final Design	LCS: December 3, 1997

DELIVERABLE	TARGET DATE	SUBMITTED DATE
16. Pre-Final Inspection	No later than fifteen (15) days after completion of construction	December 3, 1997
17. Pre-Final Inspection Report	Fifteen (15) days after completion of Pre-Final Inspection	January 7, 1998
18. Final Inspection	Fifteen (15) days after completion of work identified in Pre-Final Inspection Report	Not Scheduled
19. Final O&M Plan	No later than Pre-Final Inspection	
20. Completion of Work Report	Sixty (60) days after Final Inspection	
21. Natural Attenuation Study	August 15, 1998	

cc: Rick Lanham – Illinois Environmental Protection Agency
Manoj Mishra – Tetra Tech EM, Inc.
Jerry Hartwig – Forest Preserve District of DuPage County
Kurt Lindland, Assistant Regional Counsel – U.S. EPA (without attachments)
David Barritt – Chapman and Cutler

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First Environmental Laboratories, Inc.
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IEPA Certification #100292

Client: Montgomery Watson											
Project: Blackwell											
Lab: First Environmental											
Date Taken:	06/11/98				06/11/98				06/11/98		
Date Received:	06/12/98				06/12/98				06/12/98		
Date of Report	06/22/98				06/22/98				06/22/98		
Sample I.D.	BW-SB01-8-10				BW-SB02-8-10				BW-SB02-98-910		
Laboratory Sample I.D.	56972				56973				56974		
Metals Method 6010A	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Aluminum	06/19/98	5.0	12800		06/19/98	5.0	10400		06/19/98	5.0	10900	
Antimony	06/19/98	1.0	1.0	U	06/19/98	1.0	1.9		06/19/98	1.0	1.0	U
Arsenic	06/19/98	0.2	8.0		06/19/98	0.2	9.2		06/19/98	0.2	5.5	
Barium	06/19/98	0.1	111		06/19/98	0.1	81.1		06/19/98	0.1	81.8	
Beryllium	06/19/98	0.1	0.5		06/19/98	0.1	0.4		06/19/98	0.1	0.4	
Cadmium	06/19/98	0.1	1.4		06/19/98	0.1	1.7		06/19/98	0.1	1.4	
Calcium	06/19/98	10	15400		06/19/98	10	85500		06/19/98	10	26100	
Chromium, total	06/19/98	0.1	18.1		06/19/98	0.1	17.3		06/19/98	0.1	16.1	
Cobalt	06/19/98	0.1	13.1		06/19/98	0.1	9.7		06/19/98	0.1	7.0	
Copper	06/19/98	0.1	12.9		06/19/98	0.1	21.8		06/19/98	0.1	17.9	
Iron	06/19/98	1.0	19000		06/19/98	1.0	22100		06/19/98	1.0	18500	
Lead	06/19/98	0.2	16.0		06/19/98	0.2	16.4		06/19/98	0.2	15.2	
Magnesium	06/19/98	10	10600		06/19/98	10	46900		06/19/98	10	15500	
Manganese	06/19/98	0.1	507		06/19/98	0.1	595		06/19/98	0.1	354	
Mercury (Method 7470)	06/18/98	0.05	0.05	U	06/18/98	0.05	0.05	U	06/18/98	0.05	0.05	U
Nickel	06/19/98	0.1	17.8		06/19/98	0.1	20.4		06/19/98	0.1	17.5	
Potassium	06/19/98	10	927		06/19/98	10	1120		06/19/98	10	1090	
Selenium	06/19/98	0.2	0.2	U	06/19/98	0.2	0.2	U	06/19/98	0.2	0.2	U
Silver	06/19/98	0.1	0.1	U	06/19/98	0.1	0.1		06/19/98	0.1	0.1	U
Sodium	06/19/98	10	198		06/19/98	10	318		06/19/98	10	198	
Thallium	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U
Vanadium	06/19/98	1.0	35.9		06/19/98	1 0	38.1		06/19/98	1.0	37.3	
Zinc	06/19/98	0.5	56.3		06/19/98	0.5	63.6		06/19/98	0.5	60.2	

Conventionals	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Cyanide (Method 9010A)	06/16/98	0.5	0.50	U	06/16/98	0.5	0.50	U	06/16/98	0.5	0.50	U
Solids, Total %	06/17/98		81.32		06/19/98		76.32		06/17/98		79.57	

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Date Received:	06/12/98				06/12/98				06/12/98		
Date of Report	06/22/98				06/22/98				06/22/98		
Sample I.D.	BW-SB03-8-10				BW-SB03-11-13				BW-SB04-8-10		
Laboratory Sample I.D.	56975				56976				56977		
Metals Method 6010A	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Aluminum	06/19/98	5.0	2070		06/19/98	5.0	9800		06/19/98	5.0	18600	
Antimony	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U
Arsenic	06/19/98	0.2	8.3		06/19/98	0.2	8.9		06/19/98	0.2	9.2	
Barium	06/19/98	0.1	10.2		06/19/98	0.1	93.4		06/19/98	0.1	102	
Beryllium	06/19/98	0.1	0.1	U	06/19/98	0.1	0.4		06/19/98	0.1	0.7	
Cadmium	06/19/98	0.1	1.2		06/19/98	0.1	1.3		06/19/98	0.1	1.9	
Calcium	06/19/98	10	113000		06/19/98	10	9160		06/19/98	10	42100	
Chromium, total	06/19/98	0.1	8.6		06/19/98	0.1	15.2		06/19/98	0.1	24.2	
Cobalt	06/19/98	0.1	4.0		06/19/98	0.1	13.3		06/19/98	0.1	10.9	
Copper	06/19/98	0.1	11.3		06/19/98	0.1	12.1		06/19/98	0.1	25.6	
Iron	06/19/98	1.0	16700		06/19/98	1.0	18300		06/19/98	1.0	26700	
Lead	06/19/98	0.2	7.3		06/19/98	0.2	14.7		06/19/98	0.2	18.9	
Magnesium	06/19/98	10	60600		06/19/98	10	6680		06/19/98	10	25700	
Manganese	06/19/98	0.1	252		06/19/98	0.1	261		06/19/98	0.1	499	
Mercury (Method 7470)	06/18/98	0.05	0.05	U	06/18/98	0.05	0.05	U	06/18/98	0.05	0.05	U
Nickel	06/19/98	0.1	8.5		06/19/98	0.1	18.6		06/19/98	0.1	28.3	
Potassium	06/19/98	10	335		06/19/98	10	700		06/19/98	10	1530	
Selenium	06/19/98	0.2	0.2	U	06/19/98	0.2	0.2	U	06/19/98	0.2	0.2	U
Silver	06/19/98	0.1	0.1	U	06/19/98	0.1	0.1	U	06/19/98	0.1	0.1	U
Sodium	06/19/98	10	281		06/19/98	10	187		06/19/98	10	283	
Thallium	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U
Vanadium	06/19/98	1.0	37.7		06/19/98	1.0	40.0		06/19/98	1.0	45.2	
Zinc	06/19/98	0.5	39.5		06/19/98	0.5	50.2		06/19/98	0.5	75.2	

Conventionals	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Cyanide (Method 9010A)	06/16/98	0.5	0.50	U	06/16/98	0.5	0.50	U	06/16/98	0.5	0.50	U
Solids, Total %	06/17/98		81.04		06/17/98		77.14		06/17/98		76.06	

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Date Received:	06/12/98				06/12/98				06/12/98		
Date of Report	06/22/98				06/22/98				06/22/98		
Sample I.D.	BW-SB04-10-13				BW-SB04-910-913				BW-SB05-8-10		
Laboratory Sample I.D.	56978				56979				56980		
Metals Method 6010A	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Aluminum	06/19/98	5.0	13900		06/19/98	5.0	21300		06/19/98	5.0	24600	
Antimony	06/19/98	1.0	1.0	U	06/19/98	1.0	3.1		06/19/98	1.0	2.3	
Arsenic	06/19/98	0.2	8.9		06/19/98	0.2	17.2		06/19/98	0.2	14.6	
Barium	06/19/98	0.1	111		06/19/98	0.1	124		06/19/98	0.1	154	
Beryllium	06/19/98	0.1	0.5		06/19/98	0.1	0.6		06/19/98	0.1	1.0	
Cadmium	06/19/98	0.1	1.4		06/19/98	0.1	2.5		06/19/98	0.1	2.5	
Calcium	06/19/98	10	3880		06/19/98	10	7970		06/19/98	10	57700	
Chromium, total	06/19/98	0.1	18.9		06/19/98	0.1	27.1		06/19/98	0.1	27.4	
Cobalt	06/19/98	0.1	11.3		06/19/98	0.1	12.3		06/19/98	0.1	10.1	
Copper	06/19/98	0.1	13.9		06/19/98	0.1	28.5		06/19/98	0.1	26.0	
Iron	06/19/98	1.0	21200		06/19/98	1.0	38100		06/19/98	1.0	35900	
Lead	06/19/98	0.2	15.3		06/19/98	0.2	20.7		06/19/98	0.2	17.0	
Magnesium	06/19/98	10	4720		06/19/98	10	8290		06/19/98	10	36000	
Manganese	06/19/98	0.1	324		06/19/98	0.1	359		06/19/98	0.1	540	
Mercury (Method 7470)	06/19/98	0.05	0.05	U	06/19/98	0.05	0.05	U	06/19/98	0.05	0.05	U
Nickel	06/19/98	0.1	17.8		06/19/98	0.1	32.5		06/19/98	0.1	42.7	
Potassium	06/19/98	10	850		06/19/98	10	1500		06/19/98	10	1730	
Selenium	06/19/98	0.2	0.2	U	06/19/98	0.2	0.2	U	06/19/98	0.2	0.2	U
Silver	06/19/98	0.1	0.1	U	06/19/98	0.1	0.1	U	06/19/98	0.1	0.1	U
Sodium	06/19/98	10	252		06/19/98	10	319		06/19/98	10	389	
Thallium	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U
Vanadium	06/19/98	1.0	37.1		06/19/98	1.0	52.4		06/19/98	1.0	61.3	
Zinc	06/19/98	0.5	50.6		06/19/98	0.5	84.5		06/19/98	0.5	80.7	

Conventionals	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Cyanide (Method 9010A)	06/16/98	0.5	0.50	U	06/16/98	0.5	0.50	U	06/16/98	0.5	0.50	U
Solids, Total %	06/17/98		81.03		06/17/98		79.29		06/17/98		81.07	

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Lab: First Environmental								
Date Taken:	06/11/98				06/11/98			
Date Received:	06/12/98				06/12/98			
Date of Report	06/22/98				06/22/98			
Sample I.D.	BW-SB06-8-10				BW-SB06-12-14			
Laboratory Sample I.D.	56981				56982			
Metals Method 6010A	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Aluminum	06/19/98	5.0	21400		06/19/98	5.0	24000	
Antimony	06/19/98	1.0	2.4		06/19/98	1.0	2.2	
Arsenic	06/19/98	0.2	15.8		06/19/98	0.2	15.0	
Barium	06/19/98	0.1	139		06/19/98	0.1	148	
Beryllium	06/19/98	0.1	0.9		06/19/98	0.1	0.8	
Cadmium	06/19/98	0.1	2.5		06/19/98	0.1	2.2	
Calcium	06/19/98	10	27400		06/19/98	10	4390	
Chromium, total	06/19/98	0.1	26.4		06/19/98	0.1	28.4	
Cobalt	06/19/98	0.1	10.4		06/19/98	0.1	13.7	
Copper	06/19/98	0.1	24.0		06/19/98	0.1	24.0	
Iron	06/19/98	1.0	35900		06/19/98	1.0	34400	
Lead	06/19/98	0.2	18.1		06/19/98	0.2	21.1	
Magnesium	06/19/98	10	18900		06/19/98	10	6240	
Manganese	06/19/98	0.1	662		06/19/98	0.1	620	
Mercury (Method 7470)	06/19/98	0.05	0.05	U	06/19/98	0.05	0.05	U
Nickel	06/19/98	0.1	36.6		06/19/98	0.1	29.0	
Potassium	06/19/98	10	1180		06/19/98	10	1170	
Selenium	06/19/98	0.2	0.2	U	06/19/98	0.2	0.2	U
Silver	06/19/98	0.1	0.1	U	06/19/98	0.1	0.1	U
Sodium	06/19/98	10	322		06/19/98	10	256	
Thallium	06/19/98	1.0	1.0	U	06/19/98	1.0	1.0	U
Vanadium	06/19/98	1.0	48.8		06/19/98	1.0	54.1	
Zinc	06/19/98	0.5	80.4		06/19/98	0.5	78.5	

Conventionals	Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)		Date Analyzed	PQL (mg/kg)	Concentration (mg/kg)	
Cyanide (Method 9010A)	06/16/98	0.5	0.50	U	06/16/98	0.5	0.50	U
Solids, Total %	06/17/98		80.49		06/17/98		76.98	

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Date Taken:	06/11/98			06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB01-8-10			BW-SB02-8-10			BW-SB02-98-910			BW-SB03-8-10		
Laboratory Sample I.D.	56972			56973			56974			56975		
Date Analyzed	06/17/98			06/17/98			06/17/98			06/17/98		
Volatiles Method 8260A	PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)	
Acetone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Benzene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromodichloromethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromoform	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromomethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
2-Butanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Carbon Disulfide	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Carbon Tetrachloride	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chlorobenzene	5.0	5.0	U	5.0	81.7		5.0	19.6		5.0	35.6	
Chlorodibromomethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chloroethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Chloroform	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chloromethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
1,1-Dichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,2-Dichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
cis-1,2-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
trans-1,2-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,2-Dichlorpropane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
cis-1,3-Dichloropropene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
trans-1,3-Dichloropropene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Ethyl Benzene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
2-Hexanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
4-Methyl-2-pentanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Methylene Chloride	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Styrene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,2,2-Tetrachloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Tetrachloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Toluene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,1-Trichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,2-Trichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Trichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Vinyl Acetate	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Vinyl Chloride	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U
Xylenes, total	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U

First Environmental Laboratories, Inc.
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Client: Montgomery Watson Project: Blackwell Lab: First Environmental												
Date Taken:	06/11/98			06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB03-11-13			BW-SB04-8-10			BW-SB04-10-13			BW-SB04-910-913		
Laboratory Sample I.D.	56976			56977			56978			56979		
Date Analyzed	06/17/98			06/17/98			06/17/98			06/17/98		
Volatiles Method 8260A	PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)	
Acetone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Benzene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromodichloromethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromoform	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromomethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
2-Butanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Carbon Disulfide	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Carbon Tetrachloride	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chlorobenzene	5.0	21.4		5.0	5.0	U	5.0	22.9		5.0	97.0	U
Chlorodibromomethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chloroethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Chloroform	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chloromethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
1,1-Dichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,2-Dichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
cis-1,2-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
trans-1,2-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,2-Dichlorpropane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
cis-1,3-Dichloropropene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
trans-1,3-Dichloropropene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Ethyl Benzene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
2-Hexanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
4-Methyl-2-pentanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Methylene Chloride	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Styrene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,2,2-Tetrachloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Tetrachloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Toluene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,1-Trichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,2-Trichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Trichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Vinyl Acetate	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Vinyl Chloride	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U
Xylenes, total	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U

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Client: Montgomery Watson									
Project: Blackwell									
Lab: First Environmental									
Date Taken:	06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB05-8-10			BW-SB06-8-10			BW-SB06-12-14		
Laboratory Sample I.D.	56980			56981			56982		
Date Analyzed	06/17/98			06/17/98			06/17/98		
Volatiles Method 8260A	PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)		PQL (µg/kg)	Concentration (µg/kg)	
Acetone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Benzene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromodichloromethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromoform	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Bromomethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
2-Butanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Carbon Disulfide	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Carbon Tetrachloride	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chlorobenzene	5.0	7.6		5.0	5.0	U	5.0	13.7	
Chlorodibromomethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chloroethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Chloroform	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Chloromethane	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
1,1-Dichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,2-Dichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
cis-1,2-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
trans-1,2-Dichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,2-Dichlorpropane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
cis-1,3-Dichloropropene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
trans-1,3-Dichloropropene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Ethyl Benzene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
2-Hexanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
4-Methyl-2-pentanone	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Methylene Chloride	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Styrene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,2,2-Tetrachloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Tetrachloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Toluene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,1-Trichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
1,1,2-Trichloroethane	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Trichloroethene	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U
Vinyl Acetate	10.0	10.0	U	10.0	10.0	U	10.0	10.0	U
Vinyl Chloride	2.0	2.0	U	2.0	2.0	U	2.0	2.0	U
Xylenes, total	5.0	5.0	U	5.0	5.0	U	5.0	5.0	U

First Environmental Laboratories, Inc.

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IEPA Certification #100292

Client: Montgomery Watson												
Project: Blackwell												
Lab: First Environmental												
Date Taken:	06/11/98			06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB01-8-10			BW-SB02-8-10			BW-SB02-98-910			BW-SB03-8-10		
Laboratory Sample I.D.	56972			56973			56974			56975		
Date Prepared	06/17/98			06/17/98			06/17/98			06/17/98		
Date Analyzed	06/18/98			06/18/98			06/18/98			06/18/98		
	PQL	Concentration		PQL	Concentration		PQL	Concentration		PQL	Concentration	
Semi-Volatiles Method 8270B	(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)	
Acenaphthene	330	330	U	330	330	U	330	330	U	330	330	U
Acenaphthylene	330	330	U	330	330	U	330	330	U	330	330	U
Anthracene	330	330	U	330	330	U	330	330	U	330	330	U
Benzidine	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[a]anthracene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[b]fluoranthene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[k]fluoranthene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[g,h,i]perylene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[a]pyrene	330	330	U	330	330	U	330	330	U	330	330	U
Benzoic Acid	330	330	U	330	330	U	330	330	U	330	330	U
Benzyl Alcohol	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-chloroethoxy)methane	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-chloroethyl)ether	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-chloroisopropyl)ether	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-ethylhexyl)phthalate	330	330	U	330	330	U	330	330	U	330	330	U
4-Bromophenyl-phenylether	330	330	U	330	330	U	330	330	U	330	330	U
Butylbenzylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
4-Chloroaniline	330	330	U	330	330	U	330	330	U	330	330	U
4-Chloro-3-methylphenol	330	330	U	330	330	U	330	330	U	330	330	U
2-Chloronaphthalene	330	330	U	330	330	U	330	330	U	330	330	U
2-Chlorophenol	330	330	U	330	330	U	330	330	U	330	330	U
4-Chlorophenyl-phenylether	330	330	U	330	330	U	330	330	U	330	330	U
Chrysene	330	330	U	330	330	U	330	330	U	330	330	U
Dibenz[a,h]anthracene	330	330	U	330	330	U	330	330	U	330	330	U
Dibenzofuran	330	330	U	330	330	U	330	330	U	330	330	U
1,2-Dichlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
1,3-Dichlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
1,4-Dichlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
3,3-Dichorobenzidine	660	660	U	660	660	U	660	660	U	660	660	U
2,4-Dichlorophenol	330	330	U	330	330	U	330	330	U	330	330	U
Diethylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
2,4-Dimethylphenol	330	330	U	330	330	U	330	330	U	330	330	U
Dimethylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
Di-n-butylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
4,6-Dinitro-2-methylphenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U

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IEPA Certification #100292

Client: Montgomery Watson												
Project: Blackwell												
Lab: First Environmental												
Date Taken:	06/11/98			06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB01-8-10			BW-SB02-8-10			BW-SB02-98-910			BW-SB03-8-10		
Laboratory Sample I.D.	56972			56973			56974			56975		
Date Prepared	06/17/98			06/17/98			06/17/98			06/17/98		
Date Analyzed	06/18/98			06/18/98			06/18/98			06/18/98		
	PQL	Concentration		PQL	Concentration		PQL	Concentration		PQL	Concentration	
Semi-Volatiles Method 8270B	(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)	
2,4-Dinitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
2,4-Dinitrotoluene	330	330	U	330	330	U	330	330	U	330	330	U
2,6-Dinitrotoluene	330	330	U	330	330	U	330	330	U	330	330	U
Di-n-octylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
Fluoranthene	330	330	U	330	330	U	330	330	U	330	330	U
Fluorene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachlorobutadiene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachlorocyclopentadiene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachloroethane	330	330	U	330	330	U	330	330	U	330	330	U
Indeno[1,2,3-cd]pyrene	330	330	U	330	330	U	330	330	U	330	330	U
Isophorone	330	330	U	330	330	U	330	330	U	330	330	U
2-Methylnaphthalene	330	330	U	330	330	U	330	330	U	330	330	U
2-Methylphenol	330	330	U	330	330	U	330	330	U	330	330	U
3&4-Methylphenol	330	330	U	330	330	U	330	330	U	330	330	U
Naphthalene	330	330	U	330	330	U	330	330	U	330	330	U
2-Nitroaniline	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
3-Nitroaniline	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
4-Nitroaniline	660	660	U	660	660	U	660	660	U	660	660	U
Nitrobenzene	330	330	U	330	330	U	330	330	U	330	330	U
2-Nitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
4-Nitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
N-Nitrosodimethylamine	330	330	U	330	330	U	330	330	U	330	330	U
N-Nitroso-di-n-propylamine	330	330	U	330	330	U	330	330	U	330	330	U
n-Nitrosodiphenylamine	330	330	U	330	330	U	330	330	U	330	330	U
Pentachlorophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
Phenanthrene	330	330	U	330	330	U	330	330	U	330	330	U
Phenol	330	330	U	330	330	U	330	330	U	330	330	U
Pyrene	330	330	U	330	330	U	330	330	U	330	330	U

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Client: Montgomery Watson												
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Lab: First Environmental												
Date Taken:	06/11/98			06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB03-11-13			BW-SB04-8-10			BW-SB04-10-13			BW-SB04-910-913		
Laboratory Sample I.D.	56976			56977			56978			56979		
Date Prepared	06/17/98			06/17/98			06/17/98			06/17/98		
Date Analyzed	06/18/98			06/18/98			06/18/98			06/18/98		
	PQL	Concentration		PQL	Concentration		PQL	Concentration		PQL	Concentration	
Semi-Volatiles Method 8270B	(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)	
Acenaphthene	330	330	U	330	330	U	330	330	U	330	330	U
Acenaphthylene	330	330	U	330	330	U	330	330	U	330	330	U
Anthracene	330	330	U	330	330	U	330	330	U	330	330	U
Benzidine	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[a]anthracene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[b]fluoranthene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[k]fluoranthene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[g,h,i]perylene	330	330	U	330	330	U	330	330	U	330	330	U
Benzo[a]pyrene	330	330	U	330	330	U	330	330	U	330	330	U
Benzoic Acid	330	330	U	330	330	U	330	330	U	330	330	U
Benzyl Alcohol	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-chloroethoxy)methane	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-chloroethyl)ether	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-chloroisopropyl)ether	330	330	U	330	330	U	330	330	U	330	330	U
bis(2-ethylhexyl)phthalate	330	330	U	330	330	U	330	330	U	330	330	U
4-Bromophenyl-phenylether	330	330	U	330	330	U	330	330	U	330	330	U
Butylbenzylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
4-Chloroaniline	330	330	U	330	330	U	330	330	U	330	330	U
4-Chloro-3-methylphenol	330	330	U	330	330	U	330	330	U	330	330	U
2-Chloronaphthalene	330	330	U	330	330	U	330	330	U	330	330	U
2-Chlorophenol	330	330	U	330	330	U	330	330	U	330	330	U
4-Chlorophenyl-phenylether	330	330	U	330	330	U	330	330	U	330	330	U
Chrysene	330	330	U	330	330	U	330	330	U	330	330	U
Dibenz[a,h]anthracene	330	330	U	330	330	U	330	330	U	330	330	U
Dibenzofuran	330	330	U	330	330	U	330	330	U	330	330	U
1,2-Dichlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
1,3-Dichlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
1,4-Dichlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
3,3-Dichorobenzidine	660	660	U	660	660	U	660	660	U	660	660	U
2,4-Dichlorophenol	330	330	U	330	330	U	330	330	U	330	330	U
Diethylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
2,4-Dimethylphenol	330	330	U	330	330	U	330	330	U	330	330	U
Dimethylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
Di-n-butylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
4,6-Dinitro-2-methylphenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U

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IEPA Certification #100292

Client: Montgomery Watson												
Project: Blackwell												
Lab: First Environmental												
Date Taken:	06/11/98			06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB03-11-13			BW-SB04-8-10			BW-SB04-10-13			BW-SB04-910-913		
Laboratory Sample I.D.	56976			56977			56978			56979		
Date Prepared	06/17/98			06/17/98			06/17/98			06/17/98		
Date Analyzed	06/18/98			06/18/98			06/18/98			06/18/98		
	PQL	Concentration		PQL	Concentration		PQL	Concentration		PQL	Concentration	
Semi-Volatiles Method 8270B	(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)	
2,4-Dinitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
2,4-Dinitrotoluene	330	330	U	330	330	U	330	330	U	330	330	U
2,6-Dinitrotoluene	330	330	U	330	330	U	330	330	U	330	330	U
Di-n-octylphthalate	330	330	U	330	330	U	330	330	U	330	330	U
Fluoranthene	330	330	U	330	330	U	330	330	U	330	330	U
Fluorene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachlorobenzene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachlorobutadiene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachlorocyclopentadiene	330	330	U	330	330	U	330	330	U	330	330	U
Hexachloroethane	330	330	U	330	330	U	330	330	U	330	330	U
Indeno[1,2,3-cd]pyrene	330	330	U	330	330	U	330	330	U	330	330	U
Isophorone	330	330	U	330	330	U	330	330	U	330	330	U
2-Methylnaphthalene	330	330	U	330	330	U	330	330	U	330	330	U
2-Methylphenol	330	330	U	330	330	U	330	330	U	330	330	U
3&4-Methylphenol	330	330	U	330	330	U	330	330	U	330	330	U
Naphthalene	330	330	U	330	330	U	330	330	U	330	330	U
2-Nitroaniline	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
3-Nitroaniline	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
4-Nitroaniline	660	660	U	660	660	U	660	660	U	660	660	U
Nitrobenzene	330	330	U	330	330	U	330	330	U	330	330	U
2-Nitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
4-Nitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
N-Nitrosodimethylamine	330	330	U	330	330	U	330	330	U	330	330	U
N-Nitroso-di-n-propylamine	330	330	U	330	330	U	330	330	U	330	330	U
n-Nitrosodiphenylamine	330	330	U	330	330	U	330	330	U	330	330	U
Pentachlorophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
Phenanthrene	330	330	U	330	330	U	330	330	U	330	330	U
Phenol	330	330	U	330	330	U	330	330	U	330	330	U
Pyrene	330	330	U	330	330	U	330	330	U	330	330	U

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Date Taken:	06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB05-8-10			BW-SB06-8-10			BW-SB06-12-14		
Laboratory Sample I.D.	56980			56981			56982		
Date Prepared	06/17/98			06/17/98			06/17/98		
Date Analyzed	06/18/98			06/18/98			06/19/98		
	PQL	Concentration		PQL	Concentration		PQL	Concentration	
Semi-Volatiles Method 8270B	(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)	
Acenaphthene	330	330	U	330	330	U	330	330	U
Acenaphthylene	330	330	U	330	330	U	330	330	U
Anthracene	330	330	U	330	330	U	330	330	U
Benzidine	330	330	U	330	330	U	330	330	U
Benzo[a]anthracene	330	330	U	330	330	U	330	330	U
Benzo[b]fluoranthene	330	330	U	330	330	U	330	330	U
Benzo[k]fluoranthene	330	330	U	330	330	U	330	330	U
Benzo[g,h,i]perylene	330	330	U	330	330	U	330	330	U
Benzo[a]pyrene	330	330	U	330	330	U	330	330	U
Benzoic Acid	330	330	U	330	330	U	330	330	U
Benzyl Alcohol	330	330	U	330	330	U	330	330	U
bis(2-chloroethoxy)methane	330	330	U	330	330	U	330	330	U
bis(2-chloroethyl)ether	330	330	U	330	330	U	330	330	U
bis(2-chloroisopropyl)ether	330	330	U	330	330	U	330	330	U
bis(2-ethylhexyl)phthalate	330	330	U	330	330	U	330	330	U
4-Bromophenyl-phenylether	330	330	U	330	330	U	330	330	U
Butylbenzylphthalate	330	330	U	330	330	U	330	330	U
4-Chloroaniline	330	330	U	330	330	U	330	330	U
4-Chloro-3-methylphenol	330	330	U	330	330	U	330	330	U
2-Chloronaphthalene	330	330	U	330	330	U	330	330	U
2-Chlorophenol	330	330	U	330	330	U	330	330	U
4-Chlorophenyl-phenylether	330	330	U	330	330	U	330	330	U
Chrysene	330	330	U	330	330	U	330	330	U
Dibenz[a,h]anthracene	330	330	U	330	330	U	330	330	U
Dibenzofuran	330	330	U	330	330	U	330	330	U
1,2-Dichlorobenzene	330	330	U	330	330	U	330	330	U
1,3-Dichlorobenzene	330	330	U	330	330	U	330	330	U
1,4-Dichlorobenzene	330	330	U	330	330	U	330	330	U
3,3-Dichorobenzidine	660	660	U	660	660	U	660	660	U
2,4-Dichlorophenol	330	330	U	330	330	U	330	330	U
Diethylphthalate	330	330	U	330	330	U	330	330	U
2,4-Dimethylphenol	330	330	U	330	330	U	330	330	U
Dimethylphthalate	330	330	U	330	330	U	330	330	U
Di-n-butylphthalate	330	330	U	330	330	U	330	330	U
4,6-Dinitro-2-methylphenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U

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Date Taken:	06/11/98			06/11/98			06/11/98		
Date Received:	06/12/98			06/12/98			06/12/98		
Date of Report:	06/22/98			06/22/98			06/22/98		
Sample I.D.	BW-SB05-8-10			BW-SB06-8-10			BW-SB06-12-14		
Laboratory Sample I.D.	56980			56981			56982		
Date Prepared	06/17/98			06/17/98			06/17/98		
Date Analyzed	06/18/98			06/18/98			06/19/98		
	PQL	Concentration		PQL	Concentration		PQL	Concentration	
Semi-Volatiles Method 8270B	(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)		(µg/kg)	(µg/kg)	
2,4-Dinitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
2,4-Dinitrotoluene	330	330	U	330	330	U	330	330	U
2,6-Dinitrotoluene	330	330	U	330	330	U	330	330	U
Di-n-octylphthalate	330	330	U	330	330	U	330	330	U
Fluoranthene	330	330	U	330	330	U	330	330	U
Fluorene	330	330	U	330	330	U	330	330	U
Hexachlorobenzene	330	330	U	330	330	U	330	330	U
Hexachlorobutadiene	330	330	U	330	330	U	330	330	U
Hexachlorocyclopentadiene	330	330	U	330	330	U	330	330	U
Hexachloroethane	330	330	U	330	330	U	330	330	U
Indeno[1,2,3-cd]pyrene	330	330	U	330	330	U	330	330	U
Isophorone	330	330	U	330	330	U	330	330	U
2-Methylnaphthalene	330	330	U	330	330	U	330	330	U
2-Methylphenol	330	330	U	330	330	U	330	330	U
3&4-Methylphenol	330	330	U	330	330	U	330	330	U
Naphthalene	330	330	U	330	330	U	330	330	U
2-Nitroaniline	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
3-Nitroaniline	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
4-Nitroaniline	660	660	U	660	660	U	660	660	U
Nitrobenzene	330	330	U	330	330	U	330	330	U
2-Nitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
4-Nitrophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
N-Nitrosodimethylamine	330	330	U	330	330	U	330	330	U
N-Nitroso-di-n-propylamine	330	330	U	330	330	U	330	330	U
n-Nitrosodiphenylamine	330	330	U	330	330	U	330	330	U
Pentachlorophenol	1,600	1,600	U	1,600	1,600	U	1,600	1,600	U
Phenanthrene	330	330	U	330	330	U	330	330	U
Phenol	330	330	U	330	330	U	330	330	U
Pyrene	330	330	U	330	330	U	330	330	U