SDMS Document
111778

Contract No. 68-W-98-210

RAC II

Final Remedial Investigation Report
Hiteman Leather Company Site
Remedial Investigation/Feasibility Study
West Winfield, New York
Work Assignment No.: 032-RICO-02CG

Volume II

Remedial Response, Enforcement Oversight and Non-time Critical Removal Activities at Sites of Release or Threatened Release of Hazardous Substances in EPA Region II

CDM

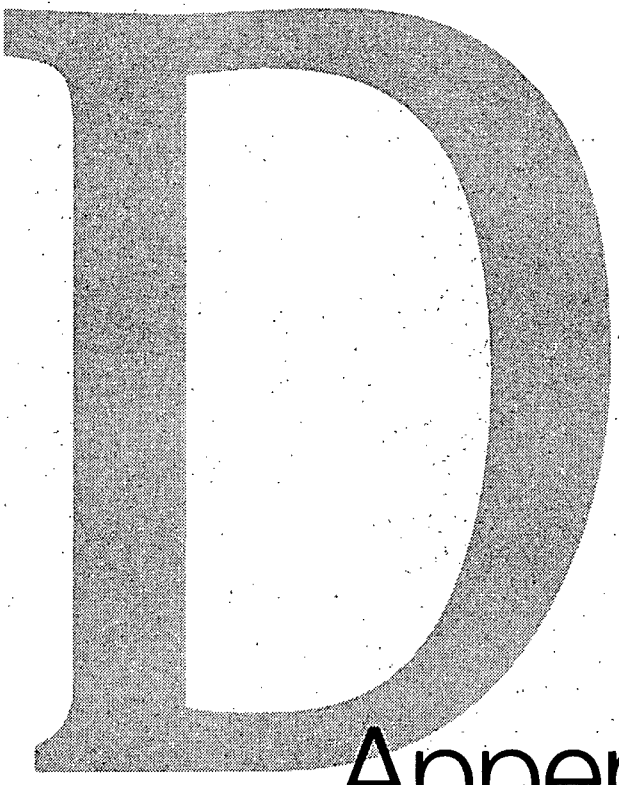
Final Remedial Investigation Report
Hiteman Leather Company Site
Remedial Investigation/Feasibility Study
West Winfield, New York
Work Assignment No.: 032-RICO-02CG

Volume II

Prepared for:
U.S. Environmental Protection Agency
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Prepared by:
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EPA Work Assignment No.	: 032-RICO-02CG
EPA Region	: II
Contract No.	: 68-W-98-210
CDM Federal Programs Corporation Document No.	: 3223-132-RR-FRIR-05291
Prepared by	: CDM
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Date Prepared	: February 8, 2005



Appendix D

APPENDIX D

UNADILLA RIVER SURFACE WATER MEASUREMENT DATA

Unadilla River Surface Water Measurement Data
Hiteman Leather Site
West Winfield, New York

Location ID	Date	Depth (inches)	Flow Rate (fps)	pH	Conductivity (ms/cm)	Turbidity (NTU)	Temperature (°C)	Dissolved Oxygen (mg/L)	ORP (mv)
URSW-1	5/15/01	7.0	0.7	7.21	0.390	0	11.0	12.36	-
URSW-2	5/15/01	13.0	0.3	6.55	0.422	0	9.5	11.45	-
URSW-3	5/15/01	6.5	0.7	7.97	0.382	0	13.1	10.59	-
URSW-4	5/14/01	3.5	2.5	7.91	0.379	5	13.18	11.16	-
URSW-5	5/14/01	9.25	2.0	7.17	0.422	23	14.0	10.63	-
URSW-6	11/06/01	-	-	7.91	0.399	2	13.2	12.63	-
URSW-7	11/06/01	8.0	2.5	7.19	0.466	10	6.1	12.03	62
URSW-8	11/06/01	20.0	0.53	7.02	0.463	10	7.2	11.94	48
URSW-9	11/06/01	18.0	0.25	6.86	0.468	10	6.9	12.86	2
URSW-10	11/06/01	8.0	0.1	5.64	0.179	7	7.0	12.60	-0.047

Notes:

fps = feet per second
ms/cm = milliseconds per centimeter
NTU = Nephthalometric Turbidity Units
mg/L = milligrams per liter
ORP = Oxidation Reduction Potential
mv = millivolts

Appendix E

APPENDIX E

SOIL BORING LOGS

- Lagoon Soil Borings
- Soil Borings
- Building Soil Borings
- Geotechnical Soil Borings

Soil Boring Log Acronyms and Notes

ID	inner diameter
amsl	above mean sea level
bgs	below ground surface
ft	feet
RQD	rock quality designation
ppm	parts per million
N/A	not applicable
None	initial water level measurement was not collected

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: LSB-01

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/22/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 20 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	LSB-01-0-2	5 4 4 5		0 - 2	1.7 / 2.0	0.0		Dark brown (10 YR 2/3), SILT (ML), trace fine gravel and sand, dry.
2									
3	S-2	LSB-01-2-4	11 10 9 11		2 - 4	1.5 / 2.0	0.0		Same as above, with some fine to coarse gravel and sand, wet.
4									
5	S-3		24 21 11 15		4 - 6	0.8 / 2.0	0.0		Same as above, except bottom 6" is black (10 YR 5/1).
6									
7	S-4		16 13 8 8		6 - 8	1.5 / 2.0	0.0		Same as above, except more gravel.
8									
9	S-5		6 8 7 6		8 - 10	1.0 / 2.0	0.0		Black (10 YR 5/1), GRAVEL (GP), poorly sorted, poorly graded, fine to coarse, wet.
10									
11	S-6	LSB-01-10-12	6 7 9 13		10 - 12	1.5 / 2.0	0.0		
12									
13	S-7		18 6 5 4		12 - 14	1.0 / 2.0	0.0		Same as above.
14									
15	S-8		19 17 12 9		14 - 16	1.0 / 2.0	0.0		Same as above.
16									
17	S-9		23 13 16 12		16 - 18	1.3 / 2.0	0.0		Bottom 8" is same as above, except brown.
18									
19	S-10	LSB-01-18-20	14 16 18 24		18 - 20	1.3 / 2.0	0.0		Same as above.
20									

Total Depth of Boring = 20 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: LSB-02

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/11/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 20 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	LSB-02-0-2	8 3 5 6		0 - 2	1.5 / 2.0	0.0		Olive brown (2.5Y 4/3) dry, very fine sandy SILT, trace organics, trace fine to coarse sand and gravel.
3	S-2		8 7 5 4		2 - 4	1.3 / 2.0	0.0		Olive brown (2.5Y 4/3) fine to coarse SAND and fine to medium GRAVEL, little silt, trace clay, wet at 3.0' bgs.
5	S-3	LSB-02-4-6	7 13 7 8		4 - 6	0.5 / 2.0	0.0		Same as above.
7	S-4		9 13 16 16		6 - 8	2.0 / 2.0	0.0		Same as above but grading to very dark gray (2.5Y 3/0), grading to black (2.5 Y 2/0).
9	S-5				8 - 10	1.1 / 2.0	0.0		Same as above.
11	S-6		13 16 16 14		10 - 12	0.7 / 2.0	0.0		Same as above, fine to coarse SAND and coarse GRAVEL, trace silt and clay.
13	S-7		8 16 16 15		12 - 14	1.7 / 2.0	0.0		Same as above.
15	S-8	LSB-02-14-16	8 9 8 7		14 - 16	1.3 / 2.0	0.0		Dark gray (2.5Y 4/0) wet, fine to coarse SAND, trace fine to coarse gravel grading to olive brown (2.5Y 4/3).
17	S-9	LSB-02-16-18	2 3 4 3		16 - 18	1.0 / 2.0	0.0		Dark gray (10YR 4/1) fine to coarse SAND, trace silt and clay.
19	S-10				18 - 20	0.7 / 2.0	0.0		Same as above.

Total Depth of Boring = 20 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: LSB-03

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/11/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 20 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	LSB-03-0-2	2 2 2 2		0 - 2	0.9 / 2.0	0.0		Dark brown (10YR 3/3) dry, fine sandy SILT, trace medium to coarse sand, gravel and organic material.
3	S-2		2 3 5 4		2 - 4	1.2 / 2.0	0.0		Dark grayish brown(2.5Y 4/2) with yellowish red(5YR 5/8) mottles and areas of grayish green(5G /2) clayey SILT some organic material, trace fine to coarse sand and gravel, wet at 3.1' bgs.
5	S-3	LSB-03-4-6	6 6 7 9		4 - 6	1.3 / 2.0	0.0		Dark grayish brown (2.5Y 4/2) wet, fine to coarse silty SAND and medium GRAVEL, trace clay grading to black (7.5YR 2/0).
7	S-4		11 14 9 11		6 - 8	2.0 / 2.0	0.0		Dark grayish brown (2.5Y 4/2) wet, fine to coarse SAND and GRAVEL, trace silt and clay grading to black (7.5YR 2/0).
9	S-5		8 14 11 11		8 - 10	2.0 / 2.0	0.0		Black (7.5YR 2/0) wet, fine to coarse SAND, trace fine to coarse gravel, trace silt and clay.
11	S-6		8 9 12 12		10 - 12	1.5 / 2.0	0.0		Very dark gray (7.5YR 3/0) wet, fine to coarse SAND and GRAVEL, trace silt and clay, grading to dark grayish-brown (10 YR 4/2).
13	S-7	LSB-03-12-14	8 12 13 18		12 - 14	1.1 / 2.0	0.0		Very dark gray (7.5 YR 3/0), fine to coarse SAND, some fine to coarse gravel, trace silt, wet.
15	S-8	LSB-03-14-16	8 12 15 17		14 - 16	1.2 / 2.0	0.0		Very dark gray (7.5YR 3/0) fine to coarse SAND and fine to medium GRAVEL, trace brown (10YR 5/3) and multi-colored silt and clay.
17	S-9		9 15 12 10		16 - 18	1.5 / 2.0	0.0		Same as above.
19	S-10		8 9 13 14		18 - 20	1.1 / 2.0	0.0		Same as above.

Total Depth of Boring = 20 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: BSB-01

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/02/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	BSB-01-0-2	16 13 17 36		0 - 2	1.2 / 2.0	0.0		Brown/dark brown (10YR 4/3) dry, fine sandy CLAY.
2									
3	S-2		6 11 43 21		2 - 4	1.2 / 2.0	0.0		Same as above, with glass and gravel FILL.
4									
5	S-3		23 48 32 23		4 - 6	1.5 / 2.0	0.0		Gray (7.5YR 5/0) wet, coarse to fine GRAVEL, trace clay and medium sand.
6									
7	S-4		68 37 34 32		6 - 8	1.5 / 2.0	0.0		Same as above.
8									
9	S-5	BSB-01-8-10	N/A		8 - 10	1.0 / 2.0	0.0		Same as above.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: BSB-02

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/02/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 12 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	BSB-02-0-2	11 14 11 11		0 - 2	0.8 / 2.0	0.0		Dark brown (10YR 3/3) dry, fine sandy CLAY, some fine to coarse gravel.
3	S-2		10 10 11 35		2 - 4	1.5 / 2.0	0.0		Brown (10YR 3/3) moist, sandy SILT, some clay.
5	S-3		6 36 68 70		4 - 6	1.3 / 2.0	0.0		Gray (7.5YR 5/0) wet, fine to coarse angular GRAVEL, trace clay and medium sand.
7	S-4	BSB-02-6-8	10 53 69 84		6 - 8	1.3 / 2.0	0.0		Same as above.
9	S-5	BSB-02-8-10	100/4"		8 - 10	0.4 / 2.0	0.0		Same as above.
11	S-6		27 33 51 62		10 - 12	1.5 / 2.0	0.0		Same as above.

Total Depth of Boring = 12 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: BSB-03

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/03/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	BSB-03-0-2	17 11 8 7		0 - 2	1.0 / 2.0	0.0		Grayish brown (10YR 5/2), clayey SILT some dark gray (7.5YR 3/0) dry, fine to coarse sand and gravel.
2									
3	S-2		4 8 10 11		2 - 4	1.0 / 2.0	0.0		Same as above.
4									
5	S-3		23 23 23 24		4 - 6	1.2 / 2.0	0.0		Grayish brown (10YR 5/2) dry, fine to coarse SAND and GRAVEL, little silt, trace clay.
6									
7	S-4		18 16 12 14		6 - 8	1.8 / 2.0	0.0		Same as above, but grading to very dark gray (7.5YR 3/0)
8									
9	S-5	BSB-03-8-10	N/A		8 - 10	1.7 / 2.0	0.0		Same as above.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: BSB-04

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/02/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	BSB-04-0-2	N/A		0 - 2	0.9 / 2.0	0.3		Multi-colored coarse to fine SAND and GRAVEL fill. Reddish black (10R 2.5/1) organic decayed wood with slight odor in shoe of split spoon.
3	S-2	BSB-04-2-4	16 18 12 20		2 - 4	1.1 / 2.0	0.0		Very dark gray (5Y 3/1) moist, stiff CLAY with black mottles
5	S-3		16 18 20 17		4 - 6	1.2 / 2.0	0.0		Very dark gray (2.5Y 3/0) wet, fine to coarse GRAVEL, trace medium sand.
7	S-4		6 18 25 33		6 - 8	1.2 / 2.0	0.0		Black (10YR 3/1), wet, fine to coarse SAND and GRAVEL, trace silt.
9	S-5	BSB-04-8-10	24 18 16 14		8 - 10	0.8 / 2.0	0.0		Very dark grayish brown (2.5Y 3/2) wet, fine to coarse SAND and GRAVEL, some silt, trace clay.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: BSB-05

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/03/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	BSB-05-0-2	18 16 21 24		0 - 2	1.8 / 2.0	0.0		Very dark grayish brown (10YR 3/2) wet, fine to coarse SAND and GRAVEL, little silt, trace clay.
3	S-2		25 23 16 30		2 - 4	1.0 / 2.0	0.0		Dark brown (7.5YR 4/3) dry, fine to coarse SAND fill, tip of split spoon contains a light gray (7.5YR 7/0) weathered piece of concrete.
5	S-3		8 9 18 34		4 - 6	0.0 / 2.0	0.0		No recovery.
7	S-4		15 17 14 21		6 - 8	1.5 / 2.0	0.0		Very dark gray (7.5YR 3/0) wet, fine to coarse SAND and GRAVEL grading to a dark brown (7.5YR 4/4) fine sand and fine to coarse gravel.
9	S-5	BSB-05-8-10	19 25 19 18		8 - 10	/ 2.0	0.0		Very dark gray (2.5Y 3/0) fine to coarse SAND and GRAVEL, trace silt and clay.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-01

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/08/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-01-0-2	2 1 1 2		0 - 2	1.2 / 2.0	0.0		Black(10YR 3/1) dry, FILL material, fine to coarse SAND and SILT, trace fine to medium gravel grading to dark reddish brown (5YR 3/8) PEAT, grading to dark greenish gray (GLEY 5G 4/1) SILT, trace fine sand.
3	S-2	RSB-01-2-4	2 1 1 3		2 - 4	1.3 / 2.0	0.0		Dark greenish gray (GLEY5G 4/1) dry, SILT, trace fine sand with unidentifiable hair-like material grading to dark brown (7.5YR 3/4); fine to coarse SAND, little fine to coarse gravel with coal pieces.
5	S-3		4 4 4 10		4 - 6	2.0 / 2.0	0.0		Very dark brown (10YR 2/2) PEAT, grading to brown (7.5YR 4/4) and greenish gray (5GY 6/1) fine sandy SILT, trace medium sand and fine to coarse gravel.
7	S-4		16 15 9 8		6 - 8	1.5 / 2.0	0.0		Brown (10YR 4/3) mottled with yellowish red (5YR 5/8) fine to coarse, SAND and GRAVEL, trace silt and clay.
9	S-5	RSB-01-8-10	9 11 9 12		8 - 10	1.5 / 2.0	0.0		Greenish gray (5G 5/1) dry, clayey SILT, trace fine sand pieces of hair-like material grading to brown (10YR 4/3), mottled with yellowish red (5YR 5/8) fine to coarse SAND and GRAVEL, trace silt and clay.
11									
13									
15									
17									
19									

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-02

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/08/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-02-0-2	5 4 4 5		0 - 2	1.1 / 2.0	0.0		Very pale brown (10YR 8/4) dry, brick debris grading to very dark gray (10YR 3/1), fine to coarse SAND, trace fine to medium gravel, cinders and organic material.
3	S-2	RSB-02-2-4	15 12 7 5		2 - 4	1.4 / 2.0	0.0		Light brownish gray (2.5Y 6/2) dry, fine to coarse SAND and GRAVEL, trace brick debris, wet at 3.9' bgs.
5	S-3				4 - 6	2.0 / 2.0	0.0		Black (7.5YR 2/0) dry, fine to coarse SAND, trace cinders, fine gravel, organic material grading to brown (10YR 4/3), mottled with yellowish red (5YR 5/8) fine to coarse SAND and GRAVEL, trace silt and clay, grading to dark gray (7.5YR 4/0), grading to very dark gray (7.5YR 3/0), wet, fine SAND and SILT, trace medium to coarse sand and fine gravel.
7	S-4		35 22 18 12		6 - 8	1.6 / 2.0	0.0		Very dark gray (7.5YR 3/0), wet, fine to coarse SAND and GRAVEL, trace silt and clay.
9	S-5	RSB-02-8-10	17 12 8 5		8 - 10	1.2 / 2.0	0.0		Same as above, with slight sheen.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-03

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/05/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-03-0-2	8 7 5 6		0 - 2	1.5 / 2.0	0.0		Black (10YR 2/1) and brown (10YR 3/2) dry, FILL material, fine to coarse SAND and GRAVEL, trace coal and slag.
2									
3	S-2	RSB-03-2-4	5 4 3 3		2 - 4	1.5 / 2.0	0.0		Black (10YR 2/1) dry, SLAG mottled with dark yellowish brown (10YR 3/4) SILT, trace organic material.
4									
5	S-3	RSB-03-4-6	2 1 12 50/2"		4 - 6	0.9 / 2.0	0.8		Very dark gray (10YR 3/1) dry, FILL material, fine to coarse SAND and GRAVEL, little slag, trace silt.
6									
7	S-4		14 11 10 13		6 - 8	1.2 / 2.0	0.0		Brown (10YR 4/3) wet, fine to coarse SAND and GRAVEL, some black (10YR 2/1) cobbles, trace silt.
8									
9	S-5	RSB-03-8-10	7 13 15 25		8 - 10	0.8 / 2.0	0.0		Same as above.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-04

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/09/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-04-0-2	7 5 4 3		0 - 2	1.4 / 2.0	0.0		Very dark grayish brown (10YR 3/2) fine sandy SILT, trace medium to coarse sand, gravel, brick, clay.
3	S-2	RSB-04-2-4	4 4 4 3		2 - 4	1.2 / 2.0	0.0		Olive brown (2.5Y 4/4) mottled with strong brown (7.5YR 4/6) dry, silty fine SAND, trace medium sand and organic material, wet at 4.3' bgs.
5	S-3		3 7 4 6		4 - 6	1.0 / 2.0	0.0		Dark yellowish brown (10YR 3/4) wet, fine to coarse SAND and GRAVEL, trace silt and clay.
7	S-4		12 9 6 4		6 - 8	1.0 / 2.0	0.0		Olive brown (2.5Y 4/3) wet fine to coarse GRAVEL, little fine to coarse sand, trace silt and clay.
9	S-5	RSB-04-8-10	4 5 6 4		8 - 10	0.8 / 2.0	0.0		Same as above, except grading to black (2.5Y 2/0).

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-05

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/10/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-05-0-2	2 13 31 52		0 - 2	1.3 / 2.0	0.0		Dark brown (10YR 4/3 dry, silty CLAY, trace fine sand and organic material. Gray (2.5YR 5/0) COBBLES.
3	S-2	RSB-05-2-4	18 10 9 10		2 - 4	1.5 / 2.0	0.0		Gray (2.5YR 5/0) and very dark gray (2.5YR 3/0), fine to coarse SAND and GRAVEL, trace silt and clay, wet.
5	S-3		22 11 8 5		4 - 6	1.3 / 2.0	0.0		Same as above.
7	S-4		5 6 5 5		6 - 8	N / A	0.0		Very dark gray (2.5YR 3/0), fine to coarse SAND and fine to coarse GRAVEL, trace silt and clay.
9	S-5	RSB-05-8-10			8 - 10	0.4 / 2.0	0.0		Same as above.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-06

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/10/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-06-0-2	3 5 5 6		0 - 2	1.3 / 2.0	0.0		Dark brown (10YR 3/3) dry, clayey SILT, trace fine to medium sand and organic material grading to dark greenish gray (5G 4/1) SILT grading to olive brown (2.5Y 4/3) SILT, trace clay and organic material, wet at 3.4' bgs.
2									
3	S-2	RSB-06-2-4	2 3 3 3		2 - 4	1.9 / 2.0	0.0		Olive brown (2.5Y 4/3), wet, fine SAND, little silt grading to very dark gray (GLEY 3/N3) clayey SILT with yellowish brown (10YR 5/8), mottled.
4									
5	S-3	RSB-06-4-6	1 2 3 2		4 - 6	1.5 / 2.0	0.0		Dark greenish gray (5G 4/1) dry, fine sandy SILT and dark yellowish brown (10YR 4/6) fine SAND grading to dark grayish brown (10YR 4/2), fine sandy SILT, trace organic material.
6									
7	S-4		4 4 5 7		6 - 8	2.0 / 2.0	0.0		Dark grayish brown (2.5Y 4/2) wet, very fine sandy SILT with light olive brown (2.5Y 5/6) mottles grading to fine to coarse SAND, trace fine to coarse gravel and silt.
8									
9	S-5	RSB-06-8-10	6 5 5 6		8 - 10	1.5 / 2.0	0.0		Light olive brown (2.5Y 5/4), wet, fine to coarse SAND and GRAVEL, trace silt and clay.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-07

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/12/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 12 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-07-0-2	2 1 3 5		0 - 2	1.2 / 2.0	0.0		Black (5Y 2.5/2) dry, clayey SILT with greenish gray (5G 5/1), mottled, little fine to medium sand, trace organic material.
3	S-2	RSB-07-2-4	3 9 9 9		2 - 4	1.2 / 2.0	0.0		Dark brown (10YR 3/3) wet, fine to coarse SAND and GRAVEL, trace silt and clay.
5	S-3		7 11 10 11		4 - 6	0.7 / 2.0	0.0		Dark brown (10YR 3/3) fine to coarse SAND and clayey SILT, trace fine gravel and organic material, wet.
7	S-4		13 7 6 7		6 - 8	1.5 / 2.0	0.0		Multicolored wet, medium to coarse SAND, little silt grading to medium to coarse SAND and fine to medium GRAVEL; little silt grading to light olive brown (2.5Y 5/6), medium to coarse SAND and fine to coarse GRAVEL, trace silt, wet.
9	S-5	RSB-07-8-10	5 5 4 7		8 - 10	1.2 / 2.0	0.0		Same as above, bottom 6" is wet.
11	S-6	RSB-07-10-12	7 14 8 7		10 - 12	1.8 / 2.0	0.0		Light olive brown (2.5Y 5/6) wet, medium to coarse SAND and fine to medium GRAVEL, little silt.

Total Depth of Boring = 12 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-08

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/12/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-08-0-2	1 5 6 8		0 - 2	0.8 / 2.0	0.0		Black (5Y 2.5Y/1), dry, sandy SILT and fine to medium SAND, trace organic material grading to greenish gray (5GY 5/1).
3	S-2	RSB-08-2-4	7 8 10 6		2 - 4	1.0 / 2.0	0.0		Dark brown (10YR 3/3) wet, fine to coarse SAND and GRAVEL, trace silt and very dark gray (GLEY N3/3) cobbles.
5	S-3		4 8 7 7		4 - 6	1.3 / 2.0	0.0		Dark brown (10YR 3/3) wet, fine to coarse SAND, little organic material, trace fine to medium gravel grading to fine to coarse SAND and GRAVEL, trace silt and clay.
7	S-4		12 8 9 7		6 - 8	1.0 / 2.0	0.0		Same as above.
9	S-5	RSB-08-8-10	14 8 7 4		8 - 10	1.2 / 2.0	0.0		Dark brown (10YR 3/3) wet, medium to coarse SAND, trace fine sand and silt grading to fine to coarse SAND and GRAVEL, trace silt and clay.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-09

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/10/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-09-0-2	10 9 7 3		0 - 2	1.2 / 2.0	0.0		Dark brown (10YR 3/3) dry, silty fine SAND, trace medium to coarse sand, fine to medium gravel, cinders and brick.
2									
3	S-2	RSB-09-2-4	3 3 2 2		2 - 4	0.5 / 2.0	0.0		Same as above.
4									
5	S-3		5 4 2 2		4 - 6	0.2 / 2.0	0.0		Dark brown (10YR 3/3), wet pieces of WOOD, trace silt and fine sand.
6									
7	S-4		1 1 2 2		6 - 8	0.3 / 2.0	0.0		Very dark grayish brown(10YR 2/2) wet, fine to medium SAND, WOOD pieces, trace brick fragments and silt.
8									
9	S-5	RSB-09-8-10	1 1 1 2		8 - 10	1.5 / 2.0	0.0		Brown (10YR 3/2) clayey SILTand ORGANIC material, little formica pieces grading to gray (10YR 5/1), clayey SILT with tints of green.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-10

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/09/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-10-0-2	2 2 3 3		0 - 2	1.6 / 2.0	0.0		Dark grayish brown (10YR 4/2), dry, fine SAND and SILT, some medium to coarse sand and fine gravel, trace cinders, brick and organic material.
2									
3	S-2	RSB-10-2-4	3 5 4 6		2 - 4	0.8 / 2.0	0.0		Same as above, with WOOD pieces at 3.7' bgs, wet at 3.5' bgs.
4									
5	S-3		4 3 0 1		4 - 6	0.3 / 2.0	0.0		Same as above.
6									
7	S-4		2 1 1 1		6 - 8	1.0 / 2.0	0.0		Very dark grayish brown (10YR 3/2) wet, soft, PEAT, trace fine to medium sand grading to PEAT and larger pieces of WOOD.
8									
9	S-5	RSB-10-8-10	2 2 2 1		8 - 10	0.9 / 2.0	0.0		Dark grayish brown (2.5Y 4/2) wet, fine to medium SAND and SILT, some clay, trace fine to coarse gravel and wood pieces.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-11

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/09/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-11-0-2	2 2 1 2		0 - 2	0.9 / 2.0	0.0		Very dark grayish brown (2.5Y 3/2) dry, fine SAND and SILT, some medium to coarse sand and fine gravel, trace cinders and organic material.
3	S-2	RSB-11-2-4	2 2 3 2		2 - 4	1.5 / 2.0	0.0		Grayish brown (2.5Y 5/2) silty fine SAND, trace medium to coarse sand and medium to fine gravel, wet at 3.7' bgs.
5	S-3	RSB-11-5-7	1 1 0 1		4 - 6	1.5 / 2.0	0.0		Black (2.5Y 2/0) and very dark gray (10YR 3/1) dry, PEAT.
7	S-4		1 1 1 1		6 - 8	1.7 / 2.0	0.0		Very dark brown (10YR 2/2) dry, PEAT with organic material. Dark gray (10YR 4/1) silty CLAY with organic material.
9	S-5	RSB-11-8-10	1 0 1 1		8 - 10	1.7 / 2.0	0.0		Dark gray (5Y 4/1) silty fine to coarse SAND, trace clay, trace organic material grading to silty CLAY, trace organic material grading to fine SAND and trace organic material.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-12

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/05/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-12-0-2	24 12 6 9		0 - 2	1.5 / 2.0	0.0		ASPHALT. Black (2.5Y 2/0) FILL material, fine to coarse SAND and fine to coarse GRAVEL.
3	S-2	RSB-12-2-4	3 4 5 10		2 - 4	1.4 / 2.0	0.0		Dark grayish brown (2.5Y 4/2) mottled with strong brown (7.5YR 4/6) dry, SILT, trace fine to medium sand and clay.
5	S-3		3 2 4 6		4 - 6	2.0 / 2.0	0.0		Very dark grayish brown (10YR 3/2) dry, fine sandy SILT, trace organic material.
7	S-4		4 4 5 4		6 - 8	2.0 / 2.0	0.0		Same as above, with trace clay.
9	S-5	RSB-12-8-10	9 9 16 8		8 - 10	1.0 / 2.0	0.0		Same as above, with trace fine to coarse sand and gravel.
10									COBBLE.

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-13

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 8 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-13-0-2	4 3 3 3		0 - 2	1.25 / 2.0	0.0		Very dark grayish brown (2.5Y 3/2) dry, SILT, trace clay, fine to coarse sand, fine to medium gravel, organic material.
3	S-2	RSB-13-2-4	5 5 5 7		2 - 4	1.25 / 2.0	0.0		Very dark grayish brown (10YR 3/2) mottled with dark yellowish brown (10YR 4/6) dry, SILT, trace fine to medium sand, clay and organic material.
5	S-3		5 4 5 3		4 - 6	2.0 / 2.0	0.0		Same color as above SILT, some very fine sand, trace organic material, wet at 5.0' bgs.
7	S-4		5 4 50/10"		6 - 8	2.0 / 2.0	0.0		Same as above.
8									Refusal at 8.0' bgs.
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 8 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-14

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/05/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-14-0-2	5 4 4 5		0 - 2	1.5 / 2.0	0.0		Dark grayish brown (2.5Y 4/2) dry, fine sandy SILT, little clay, trace medium to coarse sand, fine gravel and organic material.
3	S-2	RSB-14-2-4	5 5 5 5		2 - 4	1.2 / 2.0	0.0		Dark grayish brown (2.5Y 4/2), mottled with strong brown (7.5YR 4/6) SILT, trace fine to medium sand, clay, fine gravel and organic material.
5	S-3		3 2 3 3		4 - 6	2.0 / 2.0	0.0		Dark grayish brown (7.5 YR 4/6) mottled with strong brown (7.5YR 4/6), fine sandy SILT, trace organic material.
7	S-4		2 1 2 2		6 - 8	2.0 / 2.0	0.0		Same as above, wet.
9	S-5	RSB-14-8-10	1 2 1 1		8 - 10	2.0 / 2.0	0.0		Same color as above, wet, SILT, some fine sand, trace clay.
11									
13									
15									
17									
19									

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-15

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/08/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-15-0-2	4 5 7 5		0 - 2	1.8 / 2.0	0.0		Black (7.5YR 2/0) CINDERS.
2									Strong brown (7.5YR 5/6) solid piece of FILL material.
3	S-2	RSB-15-2-4	3 3 4 5		2 - 4	0.5 / 2.0	0.0		Black (7.5YR 2/0) dry, FILL material, fine to coarse SAND and GRAVEL, trace brick.
4									Very pale brown (10YR 8/4) SANDSTONE.
5	S-3	RSB-15-4-6	5 5 7 5		4 - 6	1.0 / 2.0	0.0		Black (7.5YR 2/0) wet, FILL material, fine to coarse SAND and GRAVEL with dark reddish brown (2.5YR 2.5/3) animal hide, trace brick.
6									Very pale brown (10YR 8/4) SANDSTONE.
7	S-4		9 17 10 15		6 - 8	1.2 / 2.0	0.0		Brown (10YR 4/3) fine to coarse SAND and GRAVEL, trace silt and clay. Black (7.5YR 2/0) wet, fine SAND and SILT, trace medium sand, clay and organic material grading to dark grayish brown (10YR 4/2), fine to coarse SAND and GRAVEL, trace silt and clay.
8									
9	S-5	RSB-15-8-10	5 10 10 12		8 - 10	1.2 / 2.0	0.0		Same as above.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-16

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/09/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-16-0-2	3 4 3 6		0 - 2	1.3 / 2.0	0.0		Black (7.5YR 2/0) dry, CINDER like material grading to strong brown (7.5YR 5/8) and grayish green (5G 5/2) PEAT with slag/ fill material.
3	S-2	RSB-16-2-4	12 7 14 16		2 - 4	2.0 / 2.0	0.0		Very dark brown (10YR 2/2) dry, FILL material, some fine to coarse sand, trace fine gravel, cinders, slag. Very dark brown (10YR 2/2) dry, WOOD pieces grading to gray (GLEY N5) fine to coarse GRAVEL.
5	S-3		7 7 7 5		4 - 6	1.6 / 2.0	0.0		Dark brown (10YR 3/3) fine sandy SILT, trace medium to coarse sand, organic soft hair-like material. Black (7.5YR 2/0) CINDERS grading to very dark brown (10YR 2/2) dry WOOD pieces, wet at 5.7'.
7	S-4		18 22 43 38		6 - 8	1.5 / 2.0	0.0		Dark yellowish brown (10YR 4/6) wet, COBBLES and very dark gray (2.5Y 3/0) fine to coarse GRAVEL and SAND, trace silt and clay.
9	S-5	RSB-16-8-10	6 25 19 9		8 - 10	1.9 / 2.0	0.0		Light olive brown (2.5Y 5/3) COBBLES, fine to coarse GRAVEL and fine to coarse SAND, trace silt and clay.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-17

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/09/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-17-0-2	2 2 2 2		0 - 2	1.0 / 2.0	0.0		Very dark greyish brown (10 YR 3/2), SILT and fine to coarse SAND, some fine to coarse gravel, trace brick, cinders, organic material, dry.
2									Top 5": Yellowish red (5 YR 4/6), PEAT.
3	S-2	RSB-17-2-4	2 1 1 2		2 - 4	2.0 / 2.0	0.0		5-15": Dark greyish brown (10 YR 4/2), fine sandy SILT with some organics. 15-22": Greyish brown (10 YR 5/3), same as above with thin layers of greyish blue (5 B 6/1). 22-24": Very dark grey (2.5 Y 3/2) SILT, wet.
4									
5	S-3		1 6 6 20		4 - 6	2.0 / 2.0	0.0		Top 15" is slough; bottom 9" is black (2.5 Y 2/0) fine to coarser SAND and SILT, wet.
6									
7	S-4	RSB-17-6-8	13 15 16 20		6 - 8	2.0 / 2.0	0.0		Same as above, with sheen and rotten egg odor, wet.
8									
9	S-5	RSB-17-8-10	3 9 12 15		8 - 10	2.0 / 2.0	0.0		Same as above, wet.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-18

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/22/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-18-0-2	3 7 5 2		0 - 2	0.5 / 2.0	0.0		Very dark brown (10 YR 3/1), medium to fine SAND, dry.
3	S-2	RSB-18-2-4	4 6 3 2		2 - 4	1.0 / 2.0	0.0		Very dark brown (10 YR 3/1), GRAVEL (GP), coarse to very coarse, and COBBLES, subangular, poorly sorted, wet.
5	S-3		4 5 9 10		4 - 6	1.0 / 2.0	0.0		Dark greyish brown (10 YR 4/2) GRAVEL (GW), fine to very coarse gravel, some cobbles, trace light brown clay, wet, subrounded, well graded, well sorted, subangular.
7	S-4		8 6 6 6		6 - 8	1.2 / 2.0	0.0		Same as above.
9	S-5	RSB-18-8-10	6 6 4 5		8 - 10	1.0 / 2.0	0.0		Same as above, but more fine gravel.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-19

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-19-0-2	1 2 4 5		0 - 2	0.8 / 2.0	0.0		Very dark brown (10 YR 2/2), clayey SILT, little fine gravel, trace fine to coarse sand, trace organics, dry; wet in top of spoon.
2									
3	S-2	RSB-19-2-4	7 4 4 7		2 - 4	0.8 / 2.0	0.0		Same as above, except dark reddish brown (5 YR 3/4).
4									Brown (10 YR 4/3), fine to coarse GRAVEL, trace silt and clay; wet.
5	S-3		4 5 5 4		4 - 6	0.4 / 2.0	0.0		Dark yellowish brown (10 YR 4/4), fine to coarse GRAVEL, little fine to coarse sand, trace silt and clay, wet.
6									
7	S-4		6 34 11 12		6 - 8	1.5 / 2.0	0.0		Brown (10 YR 5/3), fine to coarse SAND and fine to coarse GRAVEL, trace silt and clay, wet.
8									
9	S-5	RSB-19-8-10	24 14 11 10		8 - 10	1.25 / 2.0	0.0		Same as above.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-20

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-20-0-2	8 6 7 6		0 - 2	1.5 / 2.0	0.0		Very dark greyish-brown (10 YR 3/2), fine to coarse SAND and fine to coarse GRAVEL, trace silt and organics (rootlets), dry.
2									
3	S-2	RSB-20-2-4	11 20 12 12		2 - 4	1.3 / 2.0	0.0		Same as above, except no organics (rootlets), dry.
4									
5	S-3		15 14 16 17		4 - 6	1.7 / 2.0	0.0		Dark brown (10 YR 3/3), fine to coarse SAND and fine to coarse GRAVEL, trace silt and clay, dry on top; wet at 5.5' bgs.
6									
7	S-4		7 5 4 6		6 - 8	2.0 / 2.0	0.0		Brown (10 YR 4/3) SILT with little clay; 7.7-7.8' bgs is varved with black organics, layers are < 1 mm thick, wet.
8									7.8-7.9' bgs is a fine sand lense, wet.
9	S-5	RSB-20-8-10	22 5 6 4		8 - 10	2.0 / 2.0	0.0		Top 6" is slough; 8.5-9.2' bgs is SILT, trace clay.
10									Fine SAND, wet.
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-21

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/03/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-21-0-2	4 6 5		0 - 2	1.0 / 2.0	0.0		Dark brown (7.5 YR 3/2), fine to coarse SAND, some fine gravel, trace organic (roots); dry.
2									
3	S-2	RSB-21-2-4	N/A		2 - 4	0.6 / 2.0	0.0		Dark brown (7.5 YR 3/2) FILL material; fine to coarse SAND, fine gravel, coal, brick, glass pieces, trace organics, rootlets, dry.
4									
5	S-3		4 2 1 3		4 - 6	1.25 / 2.0	0.0		
6									
7	S-4		17 18 24 25		6 - 8	1.6 / 2.0	0.0		Top 3" is same as above; remainder is greyish-brown (10 YR 5/2) with grey rocks (10 YR 5/1), fine to coarse sand and fine to coarse gravel, wet.
8									
9	S-5	RSB-21-8-10	38 20 22 24		8 - 10	1.75 / 2.0	0.0		Same as above, with evidence of cobbles, wet.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-22

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/03/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-22-0-2	4 3 3 3		0 - 2	1.2 / 2.0	0.0		Top 10" is dark brown (7.5 YR 3/2), fine to coarse SAND, some fine gravel, trace organics (roots); dry.
2									Bottom 4" is FILL material - brick, ceramic, wood, glass pieces, coal; dry.
3	S-2	RSB-22-2-4	4 6 3 2		2 - 4	0.8 / 2.0	0.0		Multi-colored FILL material as described above, some fine to coarse sand and fine to coarse gravel, dry.
4									
5	S-3		2 1 1 2		4 - 6	0.25 / 2.0	0.0		Very dark grey (10 YR 3/1), fine to coarse SAND, some fine gravel, trace organics (roots); dry, appears to be sluff, large piece of gravel in shoe.
6									Same as above 2-4' bgs interval.
7	S-4	RSB-22-6-8	1 1 1 5		6 - 8	0.8 / 2.0	0.0		Greyish brown (10 YR 5/2) with grey rocks (10 YR 5/1), fine to coarse SAND and fine to coarse GRAVEL, wet, slight shee
8									
9	S-5	RSB-22-8-10	N/A		8 - 10	2.0 / 2.0	0.0		Greyish brown (2.5 YR 5/2) with grey rocks (10 YR 5/1), fine to coarse sand, with trace fine to coarse gravel, wet.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-23

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/03/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-23-0-2	4 3 3 3		0 - 2	1.0 / 2.0	0.0		Dark brown (7.5 YR 4/3), fine to coarse SAND and fine to medium GRAVEL, little silt, dry; trace glass and organics (rootlets).
2									
3	S-2	RSB-23-2-4	19 18 16 16		2 - 4	1.25 / 2.0	0.0		Grey (10 YR 5/1) rock. Grey (10 YR 5/1), fine to coarse SAND and fine to coarse GRAVEL, trace clay and silt, dry; trace glass.
4									
5	S-3		18 18 18 19		4 - 6	2.0 / 2.0	0.0		Grey (10 YR 5/1), fine to coarse SAND, fine to medium GRAVEL, trace coarse gravel, dry.
6									
7	S-4		19 21 23 25		6 - 8	2.0 / 2.0	0.0		Same as above.
8									
9	S-5	RSB-23-8-10	18 19 21 23		8 - 10	1.25 / 2.0	0.0		Same as above; last inch is wet.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-24

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-24-0-2	8 4 3 3		0 - 2	0.8 / 2.0	0.0		Dark brown (7.5 YR 3/3) SILT, little clay, trace fine to medium sand, fine to coarse gravel, trace coal pieces, trace organics (roolets), dry.
3	S-2	RSB-24-2-4	9 6 6 8		2 - 4	1.25 / 2.0	0.0		Dark brown (10 YR 4/3), fine to coarse SAND and fine to coarse GRAVEL, trace silt, dry.
5	S-3		11 9 7 9		4 - 6	2.0 / 2.0	0.0		Same as above.
7	S-4		9 11 14 14		6 - 8	2.0 / 2.0	0.0		Dark brown (10 YR 4/3), fine to medium SAND, little coarse sand, trace fine to coarse gravel, dry.
9	S-5	RSB-24-8-10	16 8 11 12		8 - 10	1.7 / 2.0	0.0		Same as above between 4-6' bgs, wet at 9.3' bgs.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02 -

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-25

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-25-0-2	7 8 4 7		0 - 2	0.9 / 2.0	0.0		Dark brown (7.5 YR 3/3), SILT, little clay, trace fine to medium sand and fine to coarse gravel, trace organics (rootlets), dry.
2									
3	S-2	RSB-25-2-4	8 8 11 23		2 - 4	0.9 / 2.0	0.0		Dark brown (10 YR 4/3), fine to coarse SAND and fine to coarse GRAVEL, trace silt, dry.
4									
5	S-3		11 9 18 19		4 - 6	1.5 / 2.0	0.0		Dark brown (10 YR 4/3), fine to medium SAND, little coarse sand, trace fine to coarse gravel, dry.
6									
7	S-4		30 34 35 37		6 - 8	1.7 / 2.0	0.0		Same as above at 2-5' bgs.
8									
9	S-5	RSB-25-8-10	34 6 6 5		8 - 10	1.8 / 2.0	0.0		Dark brown (10 YR 4/3), fine SAND, trace medium to coarse sand and silt, dry.
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-26

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 3" Split Spoon
Drilling Date: 04/10/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: T. Hauptfleisch

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-26-0-2	7 6 5 4		0 - 2	1.25 / 2.0	0.0		Dark brown (10 YR 3/3), silty, fine SAND, trace medium to coarse sand, fine to medium gravel, trace brick and organics, dry.
3	S-2	RSB-26-2-4	6 6 7 4		2 - 4	1.25 / 2.0	0.0		Olive brown (2.5 Y 4/3), fine sandy SILT, trace medium to coarse sand and fine to medium gravel, mottled with dark yellowish brown (10 YR 4/6), dry.
5	S-3		3 5 4 4		4 - 6	0.75 / 2.0	0.0		Top 5" is same color as above; no mottling, fine sandy SILT, trace medium to coarse sand, brick and organics.
6									Wood, dry.
7	S-4		5 2 2 4		6 - 8	0.2 / 2.0	0.0		Same as above at 2-5.7' bgs.
9	S-5	RSB-26-8-10	7 4 2 4		8 - 10	N / A	0.0		Wood, fine SAND, medium to coarse GRAVEL, very dark greyish brown (2.5 Y 3/2), wet.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-35

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Hand Auger
Sample Method: 3" Hand Auger
Drilling Date: 07/25/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 6 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-35-0-2	0 - 2	N / A	0.0		Grayish-brown (10 YR 5/2), fine sandy SILT, some fine gravel, dry.
3	S-2	RSB-35-2-4	2 - 4	N / A	0.0		Dark brown (10 YR 3/3) sandy CLAY; sand is fine to coarse, soft, trace silt, moist.
5	S-3	RSB-35-4-6	4 - 6	N / A	0.0		Dark brown (10 YR 3/3) GRAVEL, fine to coarse, subround, some silt, wet; hit water table at 5' bgs.

Total Depth of Boring = 6 ft. bgs

Remarks:

HITEMAN SHORT BORING HITEMAN.GPJ FEDERAL.GDT 1/28/03

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-36

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Hand Auger
Sample Method: 3" Hand Auger
Drilling Date: 07/25/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 6 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-36-0-2	0 - 2	N / A	0.0		Dark yellowish brown (10 YR 4/6) silty fine SAND with gravel and cobbles, subangular to subround, dry.
2							
3	S-2	RSB-36-2-4	2 - 4	N / A	0.0		Brown (10 YR 4/3) silty fine SAND, some fine to coarse gravel and cobbles; subangular to subround, dry.
4							
5	S-3	RSB-36-4-6	4 - 6	N / A	0.0		Brown (10 YR 4/3) silty fine SAND and GRAVEL, fine to v. coarse, cobbles, subround to subangular; moist at 5' bgs.
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 6 ft. bgs

Remarks:

HITEMAN SHORT BORING HITEMAN.GPJ FEDERAL.GDT 1/28/03

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-40

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/22/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-40-0-2	0 - 2	1.7 / 2.0	0.0		Dark reddish-brown (5 Y 3/2) SILT (ML); some coarse sand and gravel; subround, poorly sorted, dry, some fill/glass.
3	S-2	RSB-40-2-4	2 - 4	1.7 / 2.0	0.0		Very dark gray (5 YR 3/1) SAND and GRAVEL (GP), very fine to medium-grained, subround to subangular, poorly sorted, trace coarse sand and silt; some fill, slightly moist.
5	S-3		4 - 6	2.0 / 2.0	0.0		Same as above, except with more coarse sand and less fine gravel; moist.
7	S-4		6 - 8	2.0 / 2.0	0.0		Same as above.
9	S-5	RSB-40-8-10	8 - 10	1.3 / 2.0	0.0		Same as above.

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-41

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/22/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-41-0-2	0 - 2	1.0 / 2.0	0.0		Very dark gray (5 YR 3/1) SILT (ML), some fine sand and gravel; dry, trace wood chips, glass, plastic, and charcoal.
3	S-2		2 - 4	0.3 / 2.0	0.0		Same as above, except with pieces of wood, metal wire, and bricks, moist. Note: There was not enough sample volume in this interval, so a sample was collected from 4-6' bgs instead.
5	S-3	RSB-41-4-6	4 - 6	1.0 / 2.0	0.0		Same as above, except with pieces of iron.
7	S-4		6 - 8	1.0 / 2.0	0.0		Same as above.
9	S-5	RSB-41-8-10	8 - 10	1.0 / 2.0	0.0		Same as above.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN SHORT BORING HITEMAN.GPJ FEDERAL.GDT 1/28/03

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-42

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/23/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-42-0-2	0 - 2	1.7 / 2.0	0.0		Dark reddish-brown (5 YR 3/2) SILT (ML), trace sand, little fine gravel, roots, dry, bottom 1" is coal.
3	S-2	RSB-42-2-4	2 - 4	1.7 / 2.0	1.8		Dark reddish-brown (5 YR 2.5/1) SILT and fine GRAVEL, some glass, scrap metal, asphalt pieces, slight odor.
5	S-3	RSB-42-4-6	4 - 6	1.1 / 2.0	0.8		Same as above; 0.8 ppm detected with pieces of plastic, glass and asphalt.
7	S-4		6 - 8	0.7 / 2.0	0.0		Same as above.
9	S-5	RSB-42-8-10	8 - 10	1.7 / 2.0	0.0		Top 10" is reddish-brown (5 YR 4/4) SILT and fine to coarse GRAVEL; some glass, plastic. Bottom 10" is very dark gray (5 YR 3/1).

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM
125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-43

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-43-0-2	0 - 2	0.5 / 2.0	0.0		Dark reddish-brown (5 YR 2.5/1) SILT (ML); glass, plastic chips, plastic sheeting, coal chips, animal hides, dry.
3	S-2	RSB-43-2-4	2 - 4	1.3 / 2.0	0.0		Same as above, some fine to coarse gravel and coarse sand; glass, plastic, wood.
5	S-3		4 - 6	1.7 / 2.0	0.0		Top 6" is same as above. Bottom 18" is dark gray (5 YR 4/1) GRAVEL (GP), some coarse sand, fine to coarse, subround to subangular, wet.
7	S-4		6 - 8	1.7 / 2.0	0.0		Same as above.
9	S-5	RSB-43-8-10	8 - 10	1.7 / 2.0	0.0		Same as above, with plastic.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN SHORT BORING HITEMAN.GPJ FEDERAL.GDT 1/28/03

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-44

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-44-0-2	0 - 2	0.6 / 2.0	0.0		Dark reddish-brown (5 YR 3/2) SILT (ML), some fine to medium gravel, charcoal, dry.
3	S-2	RSB-44-2-4	2 - 4	1.2 / 2.0	0.0		Same as above, except also with glass and wood.
5	S-3		4 - 6	1.2 / 2.0	0.0		Top 4" is same as above. Bottom 10" is dark gray (5 YR 4/1) GRAVEL (GP), some coarse sand, trace silt, subround to subangular, dry, some glass, plastic, and metal wire.
7	S-4		6 - 8	1.5 / 2.0	0.0		Same as above, wet.
9	S-5	RSB-44-8-10	8 - 10	1.7 / 2.0	0.0		Same as above.

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-45

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/23/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-45-0-2	0 - 2	1.2 / 2.0	0.0		Dark reddish-brown (5 YR 2.5/2) SILT (ML) with some fine to coarse gravel, dry; pieces of glass, plastic, and concrete.
3	S-2	RSB-45-2-4	2 - 4	0.7 / 2.0	0.0		Same as above, except with pieces of coal, asphalt, metal wire, and wood, dry.
5	S-3	RSB-45-4-6	4 - 6	1.7 / 2.0	0.0		Same as above, wet; moist in bottom half of spoon.
7	S-4		6 - 8	1.7 / 2.0	0.0		Same as above.
9	S-5	RSB-45-8-10	8 - 10	0.7 / 2.0	0.0		Dark reddish-brown (5 YR 2.5/2) fine to coarse GRAVEL, subround to subangular, wet; some coal, asphalt, glass, concrete, plastic, wood, and metal wire.

Total Depth of Boring = 10 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-46

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/23/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-46-0-2	0 - 2	1.3 / 2.0	0.0		Dark reddish-brown (5 YR 2.5/1) SILT (ML), some fine to medium gravel, subangular, dry, no glass or brick debris.
3	S-2	RSB-46-2-4	2 - 4	1.2 / 2.0	0.0		Same as above, except with more gravel and cobbles.
5	S-3		4 - 6	2.0 / 2.0	0.0		Same as above, except with less gravel and cobbles.
7	S-4		6 - 8	2.0 / 2.0	0.0		Dark reddish-brown (5 YR 3/2) SILT (ML) with coarse sand and medium to coarse gravel, some cobbles, subround to subangular, dry.
9	S-5	RSB-46-8-10	8 - 10	1.7 / 2.0	0.0		Same as above, except more cobbles.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN SHORT BORING HITEMAN.GPJ FEDERAL.GDT 1/28/03

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-47

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/23/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 8 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-47-0-2	0 - 2	1.2 / 2.0	0.0		Dark reddish-brown (5 YR 3/2) SILT (ML); little coarse sand and gravel/cobbles, subround to subangular, poorly sorted; dry.
2							
3	S-2	RSB-47-2-4	2 - 4	1.7 / 2.0	0.0		Same as above.
4							
5	S-3	RSB-47-4-6	4 - 6	1.7 / 2.0	1.2		Same as above.
6							
7	S-4		6 - 8	1.7 / 2.0	0.6		Same as above; hit refusal at 8' bgs.
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 8 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-48

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 4
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-48-0-2	0 - 2	1.1 / 2.0	0.0		Dark reddish-brown (5 YR 3/2) clayey SILT (ML), roots, little cobble, soft, moist.
3	S-2	RSB-48-2-4	2 - 4	1.0 / 2.0	0.0		Dark reddish-brown (5 YR 3/3) SAND and GRAVEL (SP/GP); sand is medium to coarse, gravel is fine to coarse, some cobbles, trace silt, wet.
5	S-3		4 - 6	0.8 / 2.0	0.0		Dark reddish-brown (5 YR 3/3) GRAVEL (GP); fine to coarse, some cobbles, trace silt, wet.
7	S-4		6 - 8	1.7 / 2.0	0.0		Same as above.
9	S-5	RSB-48-8-10	8 - 10	1.7 / 2.0	0.0		Same as above.

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN SHORT BORING HITEMAN.GPJ FEDERAL.GDT 1/28/03

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RSB-49

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: Direct-push with Geoprobe
Sample Method: 3" Split Spoon
Drilling Date: 10/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 10 ft. bgs
Depth to Initial Water Level (ft. bgs): 5
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Spoon Number	Lab Sample Number	Sample Interval (ft)	Recovery (ft)	PID Reading (ppm)	Graphic Log	Material Description
1	S-1	RSB-49-0-2	0 - 2	0.7 / 2.0	0.0		Dark reddish-brown (5 YR 3/2) SAND and GRAVEL (SP/GP); sand is v. coarse, gravel is fine to coarse, subangular, poorly sorted, dry.
2							
3	S-2	RSB-49-2-4	2 - 4	1.7 / 2.0	0.0		Top 8" is same as above. Bottom 12" is dark reddish-brown (5 YR 3/2) SILT (ML), some coarse sand and fine to coarse gravel, dry.
4							
5	S-3		4 - 6	1.7 / 2.0	0.0		Dark gray (5 YR 4/1) GRAVEL (GP), fine to coarse, subround to subangular, poorly sorted, some coarse sand, wet.
6							
7	S-4		6 - 8	1.7 / 2.0	0.0		Same as above.
8							
9	S-5	RSB-49-8-10	8 - 10	1.7 / 2.0	0.0		Same as above.
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Total Depth of Boring = 10 ft. bgs

Remarks:

HITEMAN SHORT BORING HITEMAN.GPJ FEDERAL.GDT 1/28/03

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-1

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 05/10/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 39.4 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		3 3 4 3		0 - 2	1.0 / 2.0	0.0		Greyish-brown (10 YR 5/2), moist, SILT, little coarse to fine gravel, trace sand and clay.
2									
3	S-2		2 2 2 2		2 - 4	1.25 / 2.0	0.0		As above color and grey (10 YR 5/1), SILT, trace fine sand and clay.
4									
5	S-3		2 3 3 4		4 - 6	0.0 / 2.0	0.0		No recovery.
6									
7	S-4		3 4 5 6		6 - 8	0.7 / 2.0	0.0		Brown (10 YR 5/3), wet loam, coarse to fine GRAVEL, little coarse to fine sand, trace silt.
8									
9	S-5		7 8 6 6		8 - 10	0.7 / 2.0	0.0		Dark grey (10 YR 4/1), med dense, wet, coarse to fine GRAVEL, subangular, trace coarse to fine sand, trace silt.
10									
11	S-6		17 10 11 15		10 - 12	1.2 / 2.0	0.0		Very dark grey (10 YR 3/1), wet, med dense, coarse to fine subangular GRAVEL, trace coarse to fine sand.
12									
13	S-7		6 13 12 15		12 - 14	1.25 / 2.0	0.0		
14									
15	S-8		6 21 22 20		14 - 16	1.3 / 2.0	0.0		Color as above; dense, wet, coarse to fine GRAVEL, subangular to subrounded, trace coarse to medium sand.
16									
17	S-9		6 20 13 10		16 - 18	1.3 / 2.0	0.0		
18									
19	S-10		10 16 11 6		18 - 20	1.0 / 2.0	0.0		Very dark grey (10 YR 3/1), wet, med dense, coarse to fine GRAVEL, subangular and subrounded, trace coarse to fine sand, tr. brown clayey sand lenses.
20									

Total Depth of Boring = 39.4 ft. bgs

Remarks: * Sample was collected using a 3" brass Shelby tube.
WOH = weight of hammer

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-1

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 05/10/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 39.4 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		11 5 5 5		20 - 22	0.5 / 2.0	0.0		Dark grey (10 YR 4/1), wet loam, coarse to fine GRAVEL, trace sand.
22									
23	S-12		5 3 4 4		22 - 24	0.0 / 2.0	0.0		No recovery.
24									
25	S-13		1 2 2 3		24 - 26	2.0 / 2.0	0.0		Greyish brown (10 YR 5/2), moist; medium stiff, silty CLAY, trace very fine sand.
26									
27	S-14		2 3 3 2		26 - 28	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), moist, medium stiff, silty CLAY.
28									
29	S-15		4 3 3 3		28 - 30	2.0 / 2.0	0.0		
30									
31	S-16		WOH WOH WOH 1		30 - 32	1.7 / 2.0	0.0		Very soft, silty CLAY; sample collected in 3" brass Shelby tube.
32									
33	S-17		1 1 1 3		32 - 34	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), moist, soft, silty CLAY, trace very fine sand seams, ½"-1" laminated layers.
34									
35	S-18		*		34 - 36.5	2.3 / 2.5	0.0		Dark grey (10 YR 4/1), silty CLAY; sample collected from 3" brass Shelby tube.
36									
37	S-19		3 3 2 2		36.5 - 38.5	2.0 / 2.0	0.0		Color as above; moist, med stiff, silty CLAY, a few ½"-1" very dark grey layers.
38									
39	S-20		6 50/5"		38.5 - 39.4	0.75 / 0.9	0.0		Dark grey (10 YR 4/1) to grey (10 YR 5/1), silty CLAY and clayey SILT, little fine sand and trace fine gravel at bottom.
40									Total Depth of Boring = 39.4 ft. bgs

Remarks: * Sample was collected using a 3" brass Shelby tube.
WOH = weight of hammer

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-2

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 05/07-08/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 50 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		12 9 11 21		0 - 2	1.0 / 2.0	0.0		Grey (10 YR 5/1), dry, silty, fine SAND and coarse to fine GRAVEL and COBBLES.
3	S-2		12 13 20 18		2 - 4	0.8 / 2.0	0.0		Dark grey (10 YR 4/1), coarse to fine GRAVEL, little, wet, sandy silt (brown, 10 YR 5/3), trace clay.
5	S-3		10 6 4 4		4 - 6	0.8 / 2.0	0.0		Black (10 YR 2/1), wet, coarse to fine GRAVEL and COBBLES, little silty sand.
7	S-4		11 8 5 5		6 - 8	1.2 / 2.0	0.0		
9	S-5		9 5 4 3		8 - 10	1.0 / 2.0	0.0		Black (10 YR 2/1), wet, loose, coarse to fine, subangular GRAVEL, little coarse to fine sand, trace silt.
11	S-6		7 7 5 4		10 - 12	1.0 / 2.0	0.0		Color as above; wet, med dense, coarse to fine GRAVEL, some coarse to fine sand.
13	S-7		6 6 6 7		12 - 14	1.6 / 2.0	0.0		Same as above at 8-10' bgs.
15	S-8		13 8 6 6		14 - 16	0.0 / 2.0	0.0		No recovery.
17	S-9		11 6 6 5		16 - 18	1.5 / 2.0	0.0		Black (10 YR 2/1), wet, med dense, coarse to fine GRAVEL, subangular, little coarse to fine sand, trace silt.
19	S-10		7 14 10 12		18 - 20	0.7 / 2.0	0.0		Brown (10 YR 5/3) and dark grey (10 YR 4/1), coarse to fine GRAVEL, little coarse to fine sand. Dark grey (10 YR 4/1) and light yellowish brown (10 YR 6/4), wet, med dense, coarse to fine GRAVEL, subangular and subrounded, little coarse to fine sand.

Total Depth of Boring = 50 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-2

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 05/07-08/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 50 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		10 14 16 12		20 - 22	0.3 / 2.0	0.0		Dark grey (10 YR 4/1), wet, dense, coarse to fine, subangular GRAVEL, little coarse to medium sand.
22									
23	S-12		2 3 3 3		22 - 24	1.7 / 2.0	0.0		Greyish brown (10 YR 5/2), some dark yellowish brown (10 YR 4/4), moist, medium stiff, silty CLAY.
24									
25	S-13		3 2 1 3		24 - 26	1.7 / 2.0	0.0		Greyish brown (10 YR 5/2), moist, silty CLAY.
26									
27	S-14		2 3 5 7		26 - 28	1.7 / 2.0	0.0		Grey (10 YR 5/1), moist, SILT, some fine sand, trace clay.
28									
29	S-15		6 3 8 3		28 - 30	0.5 / 2.0	0.0		Color as above, except clayey SILT, trace fine sand.
30									
31	S-16		N/A		30 - 32.5	2.1 / 2.5	0.0		Pushed Shelby tube; dark grey, silty CLAY (recovery = 25").
32									
33	S-17		3 1 1		32.5 - 34	0.5 / 1.5	0.0		Dark grey (10 YR 4/1), moist, soft, silty CLAY.
34									
35	S-18		2 1 2 4		34 - 36	2.0 / 2.0	0.0		
36									
37	S-19		3 3 2 3		36 - 38	2.0 / 2.0	0.0		
38									
39	S-20		2 4 3 3		38 - 40	2.0 / 2.0	0.0		Same as above, except medium stiff, trace very fine sand seams.
40									

Total Depth of Boring = 50 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-2

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 05/07-08/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 50 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
41	S-21		WOH WOH WOH WOH		40 - 42	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), moist, very soft, silty CLAY, a few laminated layers.
42									
43	S-22		2 1 2 2		42 - 44	2.0 / 2.0	0.0		Same as above, except soft, trace very fine sand seams, a few laminated layers (1-2").
44									
45	S-23		2 2 1 3		44 - 46	2.0 / 2.0	0.0		
46									
47	S-24		2 2 3 13		46 - 48	2.0 / 2.0	0.0		
48									Grey (10 YR 5/1), very fine silty SAND.
49	S-25		1 3 12 50/5"		48 - 50	1.25 / 2.0	0.0		
50									Dark grey (10 YR 4/1), silty GRAVEL, some sand.
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

Total Depth of Boring = 50 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-3

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/30-05/06/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 53 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		4 2 3 1		0 - 2	0.5 / 2.0	0.0		Dark grey (10 YR 4/1), moist to wet, silty SAND, some coarse to fine gravel.
3	S-2		2 2 4 6		2 - 4	1.2 / 2.0	0.0		Brown (10 YR 5/3), moist, SILT, little clay, trace sand, trace fine gravel.
5	S-3		14 16 22 20		4 - 6	1.2 / 2.0	0.0		Dark grey (10 YR 4/1), dense, coarse to fine GRAVEL, subangular, trace black, coarse to fine sand.
7	S-4		38 41 29 21		6 - 8	1.0 / 2.0	0.0		Same as above, except wet, very dense, little black, coarse to medium sand.
9	S-5		15 33 26 22		8 - 10	1.25 / 2.0	0.0		Same as above.
11	S-6		5 7 12 13		10 - 12	1.0 / 2.0	0.0		Dark grey (10 YR 4/1), wet, med dense, coarse to fine GRAVEL, subangular to subrounded, some coarse to medium black and grey, sand.
13	S-7		21 28 21 17		12 - 14	0.0 / 2.0	0.0		No recovery.
15	S-8		14 26 33 3		14 - 16	0.25 / 2.0	0.0		Dark grey (10 YR 4/1), wet, very dense, coarse to medium SAND, trace fine gravel.
17	S-9		11 8 17 17		16 - 18	1.0 / 2.0	0.0		Dark grey (10 YR 4/1), wet, med dense, fine GRAVEL, some coarse to medium sand; gravel is subangular to subrounded.
19	S-10		5 9 10 7		18 - 20	0.8 / 2.0	0.0		Color as above and brown (10 YR 5/2), wet, med dense, coarse to fine GRAVEL, subangular to subrounded, some coarse to medium sand.

Total Depth of Boring = 53 ft. bgs

Remarks: * Sample was collected using a 3" brass Shelby tube.

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-3

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/30-05/06/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 53 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		12 11 13 15		20 - 22	1.25 / 2.0	0.0		Same as above.
22 23	S-12		4 8 15 7		22 - 24	1.25 / 2.0	0.0		Dark grey (10 YR 4/1), wet, med dense, fine, subangular and subrounded GRAVEL and coarse to medium SAND; brown (10 YR 5/3), clayey SILT at bottom.
24 25	S-13		2 2 3 5		24 - 26	1.0 / 2.0	0.0		Grey (10 YR 5/1), moist, med stiff, silty CLAY, trace silty sand lenses.
26 27	S-14		4 4 6 4		26 - 28	2.0 / 2.0	0.0		Grey (10 YR 5/1), moist, stiff, silty CLAY.
28 29	S-15		5 4 3 5		28 - 30	1.0 / 2.0	0.0		Dark grey (10 YR 4/1), moist, med stiff, silty CLAY.
30 31	S-16		3 3 4 4		30 - 32	2.0 / 2.0	0.0		Same as above.
32 33 34	S-17		*		32 - 34.5	1.7 / 2.0	0.0		Same as above. Same as above.
35 36	S-18		3 4 4		34.5 - 36	1.5 / 1.5	0.0		Same as above.
37 38	S-19		1 1 1 4		36 - 38	2.0 / 2.0	0.0		Same as above.
39 40	S-20		1 3 4 6		38 - 40	2.0 / 2.0	0.0		Same as above.

Total Depth of Boring = 53 ft. bgs

Remarks: * Sample was collected using a 3" brass Shelby tube.

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: GTB-3

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

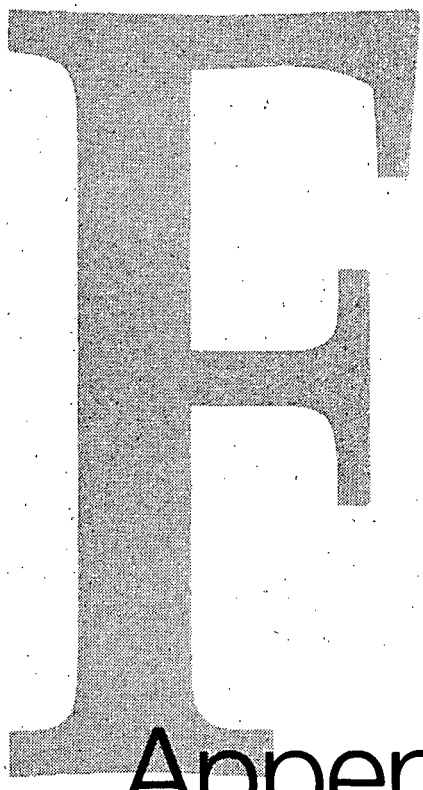
Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/30-05/06/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 53 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
41	S-21		2 2 2 2		40 - 42	2.0 / 2.0	0.0		Same as above.
42									
43	S-22		4 3 4 3		42 - 44	2.0 / 2.0	0.0		
44									
45	S-23		4 3 3 4		44 - 46	2.0 / 2.0	0.0		
46									
47	S-24		2 3 4 4		46 - 48	2.0 / 2.0	0.0		Same as above.
48									
49	S-25		4 2 3 4		48 - 50	2.0 / 2.0	0.0		
50									
51	S-26		7 12 7 8		50 - 52	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), clayey SILT, some medium to fine sand lenses. Grey (10 YR 5/1), very fine, silty SAND.
52									
53	S-27		6 5		52 - 53	1.0 / 1.0	0.0		Grey (10 YR 5/1), wet, med dense, medium to fine silty SAND, trace clay, trace fine gravel.
54			50/0"						
55									
56									
57									
58									
59									
60									

Total Depth of Boring = 53 ft. bgs

Remarks: * Sample was collected using a 3" brass Shelby tube.



Appendix F

APPENDIX F

MONITORING WELL BORING LOGS
AND
COMPLETION DIAGRAMS

- Existing Monitoring Well Soil Borings
- Newly Installed Monitoring Well Soil Borings
- Newly Installed Monitoring Well Construction Diagrams

CDM
125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-4B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/04-04/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 64 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 44
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		5 7 6 7		0 - 2	0.8 / 2.0	0.0		Dark greyish brown (10 YR 4/2), moist, med dense, silty, fine to medium SAND, some clay.
3	S-2		4 7 11 10		2 - 4	0.3 / 2.0	0.0		As above color and grey (10 YR 5/1), fine to medium SAND, some clay, trace fine gravel, moist to wet, med dense.
5	S-3		5 9 25 25		4 - 6	0.5 / 2.0	0.0		Black (10 YR 2/1), wet, med dense, fine angular GRAVEL, little medium to fine sand.
7	S-4		26 18 29 18		6 - 8	0.9 / 2.0	0.0		Same as above.
9	S-5		24 40 26 18		8 - 10	0.7 / 2.0	0.0		Same as above, except very dense, coarse to fine angular GRAVEL, some coarse to fine sand.
11	S-6		30 28 20 20		10 - 12	1.0 / 2.0	0.0		Same as above, except dense, fine, angular to subangular GRAVEL.
13	S-7		15 24 23 23		12 - 14	0.25 / 2.0	0.0		Same as above.
15	S-8		13 14 18 18		14 - 16	1.2 / 2.0	0.0		Black (10 YR 2/1), wet, dense, coarse to medium SAND and fine, angular GRAVEL.
17	S-9		21 10 7 26		16 - 18	1.2 / 2.0	0.0		Black (10 YR 2/1), wet, med dense, coarse to fine SAND, some fine gravel; 2" dark yellowish brown (10 YR 4/4) at bottom.
19	S-10		12 11 10 11		18 - 20	0.3 / 2.0	0.0		Dark yellowish brown (10 YR 4/4) and grey (10 YR 5/1), coarse to fine SAND, some fine gravel.

Total Depth of Boring = 64 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-4B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Si[illegible]
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/04-04/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 64 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 44
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		16 16 16 31		20 - 22	0.8 / 2.0	0.0		Grey (10 YR 5/1), some yellowish brown (10 YR 5/4), coarse to medium SAND, trace fine gravel, wet, med dense.
22									
23	S-12		7 7 10 17		22 - 24	1.2 / 2.0	0.0		Greyish brown (10 YR 5/2), wet, med dense, coarse to medium SAND.
24									
25	S-13		5 7 9 11		24 - 26	1.5 / 2.0	0.0		Grey (10 YR 5/1), moist, very stiff, silty CLAY.
26									
27	S-14		WOH		26 - 28	1.5 / 2.0	0.0		Same as above, except very soft.
28									
29	S-15		4 5 5 6		28 - 30	N/A /	0.0		Same as above, except stiff.
30									
31	S-16		3 3 3 5		30 - 32	2.0 / 2.0	0.0		Same as above, except dark grey (10 YR 4/1), med stiff.
32									
33	S-17		WOH 2 4 6		32 - 34	2.0 / 2.0	0.0		Grey (10 YR 5/1) to dark grey (10 YR 4/1), moist, very soft to med stiff, silty CLAY.
34									
35	S-18		4 6 8 10		34 - 36	2.0 / 2.0	0.0		Same as above, except stiff.
36									
37	S-19		WOH WOH 7 7		36 - 38	2.0 / 2.0	0.0		Same as above at 32-34' bgs.
38									
39	S-20		6 25 48 53		38 - 40	2.0 / 2.0	0.0		Grey (10 YR 5/1), clayey SILT, trace fine sand. Grey (10 YR 5/1), wet, very dense, silty fine SAND.
40									

Total Depth of Boring = 64 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-4B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/04-04/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 64 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 44
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
41	S-21		50/2"		40 - 42	0.0 / 2.0	0.0		No recovery.
42									Coring begins at 44' bgs.
44	Run 1			75	44 - 47.7	3.5 / 3.7	0.0		Begin coring at 44' bgs: Dark bluish grey (GLEY2 3/1), LIMESTONE, hard, fine grained, a few clay seams along bedding joints, horizontal bedding joints at 2" to 12" spacing, core size is 1-8".
48	Run 2			75	47.7 - 50	2.2 / 2.3	0.0		Same as above, horizontal bedding joints at 5-16" spacing, core size is 3-16".
50	Run 3			45	50 - 55	5.0 / 5.0	0.0		Dark bluish grey (GLEY2 3/1) LIMESTONE, hard, fine grained, horizontal bedding joints at 2-12" spacing, vertical fractures at 51.5-53', clay coatings and seams along some joints and fractures, clay filled, horizontal fractures at 53' bgs.
55	Run 4			45	55 - 60	4.8 / 5.0	0.0		Artesian flow out of the rods after the core barrel was pulled out by wireline; dark bluish grey (GLEY2 3/1), fine grained, hard, core size 2-5", horizontal bedding,
60									Total Depth of Boring = 64 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-4B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/04-04/24/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 64 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 44
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
61									Same as above, horizontal bedding joints, about 2-11" spacing, irregular and discontinuous vertical fracture from 60-62' bgs.
62	Run 5			55	60 - 64	3.3 / 4.0	0.0		
63									
64									
65									
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									

Total Depth of Boring = 64 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-9D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/12-04/16/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 46 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell/K. Robinson

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		6 6 6 7		0 - 2	1.0 / 2.0	0.0		Dark, greyish-brown (10 YR 4/2) SAND and GRAVEL (GM), medium to coarse sand, fine to coarse gravel; subangular, dry, roots in 1st 3", fairly well-graded.
3	S-2		11 11 11 12		2 - 4	0.6 / 2.0	0.0		Brown (10 YR 4/3), gravelly SAND (SW); fine to coarse sand, fine to coarse gravel; subangular, fairly well-graded, wet.
5	S-3		9 17 17 28		4 - 6	0.6 / 2.0	0.0		Same as above.
7	S-4		13 14 14 16		6 - 8	0.8 / 2.0	0.0		Brown (10 YR 4/3) sandy GRAVEL (GP), coarse sand; fine gravel; poorly graded, wet, subrounded.
9	S-5		15 15 17 18		8 - 10	1.2 / 2.0	0.0		Same as above.
11	S-6		11 11 11 11		10 - 12	1.1 / 2.0	0.0		Same as above.
13	S-7		11 11 14 17		12 - 14	0.2 / 2.0	0.0		Same as above.
15	S-8		12 19 16 16		14 - 16	1.0 / 2.0	0.0		Brown (10 YR 4/3), gravelly SAND (SW), fine to coarse sand, fine to coarse gravel; subrounded, fairly well-graded, wet.
17	S-9		12 8 12 12		16 - 18	0.75 / 2.0	0.0		Brown (10 YR 4/3), sandy GRAVEL (GW), fine to coarse sand, fine to medium gravel, fairly well-sorted, subangular, wet.
19	S-10		22 11 11 15		18 - 20	0.9 / 2.0	0.0		Same as above.

Total Depth of Boring = 46 ft. bgs

Remarks: WOH = weight of hammer (first 1')

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-9D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Si[illegible]
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/12-04/16/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 46 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell/K. Robinson

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		24 12 18 32		20 - 22	0.4 / 2.0	0.0		Same as above.
22									
23	S-12		61 37 18 20		22 - 24	0.4 / 2.0	0.0		Brown (10 YR 4/3), gravelly SAND (SP); fine to coarse sand, poorly sorted, fine to medium gravel; subangular, wet.
24									
25	S-13		10 8 9 9		24 - 26	2.0 / 2.0	0.0		Top 12": Brown (10 YR 4/3), gravelly SAND (SW); little gravel; fine, subrounded, fine to medium sand, well-graded, wet. Bottom 12": Grey (10 YR 5/1) silty CLAY (CL), little silt, wet.
26									
27	S-14		WOH 9 10		26 - 28	1.25 / 2.0	0.0		Same as above, except grey (10 YR 4/1) in clay.
28									
29	S-15		4 5 4 6		28 - 30	2.0 / 2.0	0.0		Dark grey (10 YR 4/1) CLAY (CL), soft.
30									
31	S-16		11 8 5 4		30 - 32	1.0 / 2.0	0.0		Same as above.
32									
33	S-17		11 5 6 8		32 - 34	2.0 / 2.0	0.0		Same as above.
34									
35	S-18		7 5 6 7		34 - 36	1.0 / 2.0	0.0		Same as above.
36									
37	S-19		5 5 6 7		36 - 38	2.0 / 2.0	0.0		Same as above.
38									
39	S-20		WOH 5 6		38 - 40	2.0 / 2.0	0.0		Same as above, very soft.
40									

Total Depth of Boring = 46 ft. bgs

Remarks: WOH = weight of hammer (first 1')

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-9D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/12-04/16/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 46 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell/K. Robinson

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
41	S-21		WOH 7 11		40 - 42	2.0 / 2.0	0.0		Same as above.
42									
43	S-22		WOH 4 4 11		42 - 44	2.0 / 2.0	0.0		Same as above.
44									
45	S-23		6 6 5 8		44 - 46	1.7 / 2.0	0.0		Same as above.
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

Total Depth of Boring = 46 ft. bgs

Remarks: WOH = weight of hammer (first 1')

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-11B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/03-04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 66 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 41
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		3 5 5 5		0 - 2	0 / 2.0	0.0		Dark yellowish-brown (10 YR 4/4), moist, med-dense, silty SAND, trace fine gravel.
2									
3	S-2		4 3 3 3		2 - 4	1.0 / 2.0	0.0		Same as above, except trace to some clay.
4									
5	S-3		3 5 7 4		4 - 6	0.3 / 2.0	0.0		Dark yellowish-brown (10 YR 4/4), medium dense, moist to wet, medium to fine SAND and fine GRAVEL.
6									
7	S-4		14 18 14 17		6 - 8	0.6 / 2.0	0.0		Dark grey (10 YR 4/1), wet, dense, fine GRAVEL, some coarse to fine sand.
8									
9	S-5		17 43 18 17		8 - 10	0.6 / 2.0	0.0		Black (10 YR 2/1), wet, very dense, fine GRAVEL, some medium to coarse sand.
10									
11	S-6		14 25 40 48		10 - 12	1.0 / 2.0	0.0		Same as above.
12									
13	S-7		15 26 23 30		12 - 14	0.6 / 2.0	0.0		Black (10 YR 4/1), wet, very dense, coarse to fine GRAVEL, some coarse to fine sand.
14									
15	S-8		8 15 15 24		14 - 16	0.6 / 2.0	0.0		Same as above, except dense with fine GRAVEL.
16									
17	S-9		12 8 9 30		16 - 18	0.4 / 2.0	0.0		Black (10 YR 2/1), med dense, wet, coarse to medium SAND and fine GRAVEL.
18									
19	S-10		12 10 10 15		18 - 20	0.75 / 2.0	0.0		Same as above.
20									

Total Depth of Boring = 66 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM
125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-11B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/03-04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 66 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 41
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		17 15 14 12		20 - 22	1.25 / 2.0	0.0		Black (10 YR 4/1), med dense, coarse to fine SAND, some fine gravel, wet.
22									
23	S-12		6 4 4 5		22 - 24	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), med stiff, moist, silty CLAY.
24									
25	S-13		3 3 5 7		24 - 26	2.0 / 2.0	0.0		Same as above, except grey (10 YR 5/1).
26									
27	S-14		3 4 4 5		26 - 28	2.0 / 2.0	0.0		Same as above.
28									
29	S-15		6 6 8 7		28 - 30	2.0 / 2.0	0.0		Same as above, except stiff.
30									
31	S-16		5 5 9 10		30 - 32	1.7 / 2.0	0.0		Grey (10 YR 5/1), moist, stiff, silty CLAY.
32									
33	S-17		15 12 14 13		32 - 34	2.0 / 2.0	0.0		Same as above, except very stiff, trace very fine sand.
34									
35	S-18		6 5 6 16		34 - 36	2.0 / 2.0	0.0		Same as above, except stiff, trace fine sand.
36									
37	S-19		7 50/5"		36 - 38	0.9 / 2.0	0.0		Grey (10 YR 5/1), moist, clayey SILT, trace fine sand, trace fine gravel at bottom.
38									Coring begins at 41' bgs.
39									
40									

Total Depth of Boring = 66 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-11B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/03-04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 66 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 41
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
41									
42	Run 1			78	41 - 46	4.5 / 5.0	0.0		Begin coring at 41' bgs: GLEY2 (3/1), dark bluish grey, LIMESTONE, fine-grained, thin horizontal bedding, dense, not many fractures, no fossils.
43									
44									
45									
46	Run 2			83	46 - 51	4.7 / 5.0	0.0		Same as above, fracture possibly at 46.5' bgs.
47									
48									
49									
50									
51	Run 3			23	51 - 56	4.3 / 5.0	0.0		Same as above, but more fractured; possible fractures at 51', 52.5' and several from 53-56' bgs; some clay fractures from 53-56' bgs.
52									
53									
54									
55									
56	Run 4			24	56 - 59	2.8 / 3.0	0.0		Dark bluish grey (GLEY2 3/1), LIMESTONE, fine grained; thin, horizontal bedding; hard, possible fractures at 56' and lesser ones below that - every 4-6" approximately; clay seams in fractures, no fossils.
57									
58									
59	Run 5			0	59 - 61	2.0 / 2.0	0.0		Same as above, but much more fractured.
60									Total Depth of Boring = 66 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-11B

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/03-04/04/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 66 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): 41
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
	Run 5			0	59 - 61	2.0 / 2.0	0.0		
61									Dark bluish grey (GLEY2 3/1) LIMESTONE, hard, fine grained, thin horizontal bedding, core size is 4-4.5"; about 50% of the core is highly fractured and fragmented.
62									
63	Run 6			20	61 - 64.5	2.7 / 3.5	0.0		
64									
65	Run 7			100	64.5 - 66	1.5 / 1.5	0.0		Dark bluish grey (GLEY2 3/1) LIMESTONE, hard, fine grained, dense, massive, core size is 4-5".
66									
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									

Total Depth of Boring = 66 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-16S

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund S[illegible]
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/23/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 22 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		3 5 6 6		0 - 2	0.3 / 2.0	0.0		Very dark grey (10 YR 3/1), sandy SILT (SM), trace fine gravel, subangular, poorly sorted; dry, roots.
3	S-2		5 5 5 5		2 - 4	0.6 / 2.0	0.0		Dark grey (10 YR 4/1), clayey SILT (ML), trace fine gravel; subangular, moist.
5	S-3		2 4 5 10		4 - 6	0.8 / 2.0	0.0		Same as above; trace fine sand.
7	S-4		8 3 18 19		6 - 8	0.3 / 2.0	0.0		Grey (10 YR 5/1) GRAVEL (GM) w/some fine to medium sand, some silt, trace clay; subangular; gravel is fine to coar grained, poorly sorted, wet.
9	S-5		38 13 20 17		8 - 10	0.8 / 2.0	0.0		Grey (10 YR 5/1) GRAVEL, fine to very coarse grained; subangular, poorly sorted; some coarse sand, trace clay/silt, wet.
11	S-6		8 15 17 15		10 - 12	1.0 / 2.0	0.0		Same as above, but with no clay/silt.
13	S-7		23 15 13 12		12 - 14	1.0 / 2.0	0.0		Same as above, but with less very coarse gravel.
15	S-8		40 28 15 11		14 - 16	0.8 / 2.0	0.0		Dark grey (10 YR 4/1) SAND (SP), fine to medium grained; subrounded to subangular; poorly sorted, poorly graded, wet.
17	S-9		18 15 11 11		16 - 18	1.2 / 2.0	0.0		Same as above (bottom 4"). In shoe: Dark grey (10 YR 4/1) SAND (SP), fine to medium grained; subrounded to subangular, poorly sorted, poorly graded, wet.
19	S-10		2 3 3 6		18 - 20	N / A	0.0		Same as above with some clay, medium soft, fine sand seams (2-3" thick).

Total Depth of Boring = 22 ft. bgs

Remarks: N/A = not available

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-16S

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/23/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 22 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		4 3 4 4		20 - 22	N / A	0.0		Same as above; clay with fine sand seams.
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

Total Depth of Boring = 22 ft. bgs

Remarks: N/A = not available

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-16D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/23-04/26/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 66.4 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell/M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
23	S-12		5 5 4 7		22 - 24	1.5 / 2.0	0.0		Grey (10 YR 5/1), silty CLAY and dark grey (10 YR 4/1), fine SAND; alternate layers, some clay.
24									
25	S-13		3 2 8 8		24 - 26	1.6 / 2.0	0.0		Dark grey (10 YR 4/1), wet, loose, medium to fine SAND, some dark grey (10 YR 4/1) to grey (10 YR 5/1), silty clay layers.
26									
27	S-14		6 8 10 9		26 - 28	0.8 / 2.0	0.0		Dark grey (10 YR 4/1), wet, medium dense, medium to fine SAND.
28									
29	S-15		4 7 9 7		28 - 30	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), wet, med dense, medium to fine SAND and yellowish brown (10 YR 5/4), clayey SILT, interlayered
30									
31	S-16		20 30 33 38		30 - 32	0.6 / 2.0	0.0		Dark grey (10 YR 4/1), wet, very dense, coarse to fine GRAVEL, subangular gravel.
32									
33	S-17		28 43 52 28		32 - 34	0.9 / 2.0	0.0		Dark grey (10 YR 4/1) GRAVEL (GP), fine to coarse grained, subangular, poorly graded, well sorted, trace clay.
34									
35	S-18		5 6 7 6		34 - 36	2.0 / 2.0	0.0		Dark grey (10 YR 4/1) CLAY (CL), soft.
36									
37	S-19		3 3 5 5		36 - 38	1.5 / 2.0	0.0		Same as above.
38									
39	S-20		N/A		38 - 40	2.0 / 2.0	0.0		Same as above.
40									
41	S-21		3 4 3 7		40 - 42	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), moist, med stiff, silty CLAY.
42									

Total Depth of Boring = 66.4 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-16D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/23-04/26/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 66.4 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell/M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
43	S-22		3 4 8 10		42 - 44	2.0 / 2.0	0.0		Same as above, except stiff.
44									
45	S-23		WOH 3 5 6		44 - 46	2.0 / 2.0	0.0		Same as above, except med stiff.
46									
47	S-24		WOH WOH 3 4		46 - 48	2.0 / 2.0	0.0		Same as above, except very soft to soft.
48									
49	S-25		WOH 3 2 1		48 - 50	2.0 / 2.0	0.0		Same as above, except med stiff.
50									
51	S-26		3 5 6 6		50 - 52	2.0 / 2.0	0.0		Same as above, except stiff.
52									
53	S-27		WOH 3 3 4		52 - 54	2.0 / 2.0	0.0		Same as above, except med stiff.
54									
55	S-28		1 3 3 4		54 - 56	2.0 / 2.0	0.0		Same as above.
56									
57	S-29		WOH WOH WOH 4		56 - 58	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), moist, very soft to med stiff, silty CLAY; a few very fine sand seams.
58									
59	S-30		3 3 4 5		58 - 60	2.0 / 2.0	0.0		Same as above, except med stiff.
60									
61	S-31		WOH WOH WOH WOH		60 - 62	2.0 / 2.0	0.0		Same as above, very soft.
62									

Total Depth of Boring = 66.4 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-16D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/23-04/26/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 66.4 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: L. Campbell/M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
63	S-32		5 7 9 9		62 - 64	2.0 / 2.0	0.0		Grey (10 YR 5/1) to dark grey (10 YR 4/1), moist, very stiff, silty CLAY, trace fine sand lenses, trace fine, subangular gravel.
64									
65	S-33		6 9 11 12		64 - 66	0.6 / 2.0	0.0		Grey (10 YR 5/1), wet, med dense, silty fine SAND, trace fine gravel.
66	S-34		100/5"		66 - 66.4	0.4 / 0.4	0.0		Grey (10 YR 5/1), silty fine SAND, trace fine, subangular gravel.
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									

Total Depth of Boring = 66.4 ft. bgs

Remarks: WOH = weight of hammer
N/A = not available

HITEMAN BORING/CORING LOG HITEMAN GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-17S

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/05/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 32 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		6 12 16 17		0 - 2	0.9 / 2.0	0.0		Dark gray (10YR 4/1) medium dense, moist, silty SAND, some gravel, trace brick.
3	S-2		5 12 7 8		2 - 4	0.6 / 2.0	0.0		Dark gray (10 YR 4/1) medium dense, moist, silty medium to fine SAND, trace fine gravel, trace clay.
5	S-3		6 3 9 20		4 - 6	1.0 / 2.0	0.0		Brown (10YR 5/3) medium dense, silty SAND, trace fine gravel, trace clay.
7	S-4		12 17 31 27		6 - 8	1.2 / 2.0	0.0		Gray (10YR 5/1) and brown (10YR 5/3), dense, wet, fine GRAVEL and coarse to fine SAND.
9	S-5		45 47 30 20		8 - 10	0.8 / 2.0	0.0		Gray (10YR 5/1) very dense, wet, coarse to fine GRAVEL, some coarse to fine sand.
11	S-6		15 23 25 30		10 - 12	1.5 / 2.0	0.0		Same as above, but grading to dark gray (10YR 4/1).
13	S-7		22 52 47 43		12 - 14	0.8 / 2.0	0.0		Same as above, except medium to coarse sand.
15	S-8		12 20 21 27		14 - 16	1.5 / 2.0	0.0		Same as above.
17	S-9		29 19 19 35		16 - 18	0.8 / 2.0	0.0		Dark gray (10 YR 4/1), wet, dense, fine to coarse GRAVEL, subangular to angular, some medium to coarse sand.
19	S-10		21 21 20 22		18 - 20	1.0 / 2.0	0.0		Same as above.

Total Depth of Boring = 32 ft. bgs

Remarks:

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-17S

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/05/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 32 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		31 37 20 42		20 - 22	1.3 / 2.0	0.0		Dark gray (10YR 4/1) very dense, wet, coarse to medium SAND, some coarse to fine gravel.
22									
23	S-12		25 18 50/4"		22 - 24	0.5 / 2.0	0.0		Same as above.
24									
25	S-13		8 9 20 24		24 - 26	1.2 / 2.0	0.0		Dark gray (10YR 4/2) and gray (10YR 5/1), silty fine SAND.
26									
27	S-14		28 26 13 14		26 - 28	N / A	0.0		Gray (10YR 5/1), grading to brown (10YR 5/3), very fine silty SAND.
28									
29	S-15		4 4 6 15		28 - 30	0.8 / 2.0	0.0		Same as above.
30									
31	S-16		7 7 12 12		30 - 32	1.0 / 2.0	0.0		Brown (10YR 5/3) med dense, wet, medium to fine SAND. Brown (10YR 5/3) clayey SILT.
32									
33									
34									
35									
36									
37									
38									
39									
40									Total Depth of Boring = 32 ft. bgs

Remarks:

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-18D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Site
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/27-04/28/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 30 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
1	S-1		8 7 5 6		0 - 2	0.9 / 2.0	0.0		Dark grey (10 YR 4/1) to grey (10 YR 5/1), moist, silty fine SAND, trace fine gravel, and roots.
3	S-2		9 7 7 5		2 - 4	0.8 / 2.0	0.0		Dark yellowish-brown (10 YR 4/4), dry, SILT, some medium to fine sand, trace subrounded and subangular gravel.
5	S-3		2 3 5 8		4 - 6	1.0 / 2.0	0.0		Same as above, except moist. Brown (10 YR 5/3), moist, clayey SILT, trace fine sand.
7	S-4		3 3 8 12		6 - 8	0.5 / 2.0	0.0		Dark grey (10 YR 4/1), wet, med dense, fine GRAVEL, subangular, trace coarse to medium sand.
9	S-5		17 15 9 9		8 - 10	0.2 / 2.0	0.0		Same as above.
11	S-6		10 12 9 7		10 - 12	1.2 / 2.0	0.0		Dark grey (10 YR 4/1), wet, med dense, coarse to medium sand, some fine gravel.
13	S-7		6 6 6 5		12 - 14	1.7 / 2.0	0.0		Brown (10 YR 5/3), moist, med stiff, silty CLAY. Last 3" is dark grey (10 YR 4/1).
15	S-8		2 2 3 3		14 - 16	1.0 / 2.0	0.0		
17	S-9		2 2 3 3		16 - 18	2.0 / 2.0	0.0		Same as above.
19	S-10		3 2 3 3		18 - 20	2.0 / 2.0	0.0		Same as above.

Total Depth of Boring = 30 ft. bgs

Remarks: WOH = weight of hammer

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Boring Name: RMW-18D

Client: U.S. Environmental Protection Agency
Project Location: West Winfield, New York

Project Name: Hiteman Leather Superfund Si-
Project Number: 3220-032

Drilling Contractor: CT&E Drilling
Drilling Method: 4¼"ID Hollow Stem Auger
Sample Method: 2" Split Spoon
Drilling Date: 04/27-04/28/02
North: **East:**

Surface Elevation (ft.amsl):
Total Depth: 30 ft. bgs
Depth to Initial Water Level (ft. bgs): None
Depth to Bedrock (ft. bgs): N/A
Logged by: M. Akbar

Depth (ft. bgs)	Sample # / Core Run	Lab Sample Number	Blows per 6 inches	RQD (%)	Sample Interval (ft)	Recovery (ft)	HNu Reading (ppm)	Graphic Log	Material Description
21	S-11		3 5 7 7		20 - 22	2.0 / 2.0	0.0		Dark grey (10 YR 4/1), moist, stiff, silty CLAY.
22									
23	S-12		3 5 7 9		22 - 24	2.0 / 2.0	0.0		Same as above, except trace very fine sand seams.
24									
25	S-13		1 2 4 4		24 - 26	2.0 / 2.0	0.0		Dark grey (10 YR 4/1) to grey (10 YR 5/1), moist, med stiff, silty CLAY, trace fine sand seams.
26									
27	S-14		3 3 7 13		26 - 28	2.0 / 2.0	0.0		Same as above, except stiff to very stiff.
28									
29	S-15		WOH 4 8 50/3"		28 - 30	1.75 / 2.0	0.0		Same as above.
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

Total Depth of Boring = 30 ft. bgs

Remarks: WOH = weight of hammer

HITEMAN BORING/CORING LOG HITEMAN.GPJ FEDERAL.GDT 11/25/02

CDM 125 Maiden Lane, 5th Floor
New York, NY 10038

Triple-Cased Stick-Up Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**RMW-4B**
Site Name:	Hiteman Leather Superfund Site (3220-032)	Location:	
Project Location:	West Winfield, New York	Drilling Date(s):	04/26/02
Drilling Contractor:	CT&E Drilling	Initial Water Level (ft. bgs):	None
Drill Rig:	Mobile Drill B-90	Geologist:	L. Campbell
Drilling Method:	4¼"ID Hollow Stem Auger	North: East: Elevation (ft.amsl):	
		Depth to Bottom (ft. bgs):	64

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Flush Mount Type	12"	Carbon Steel

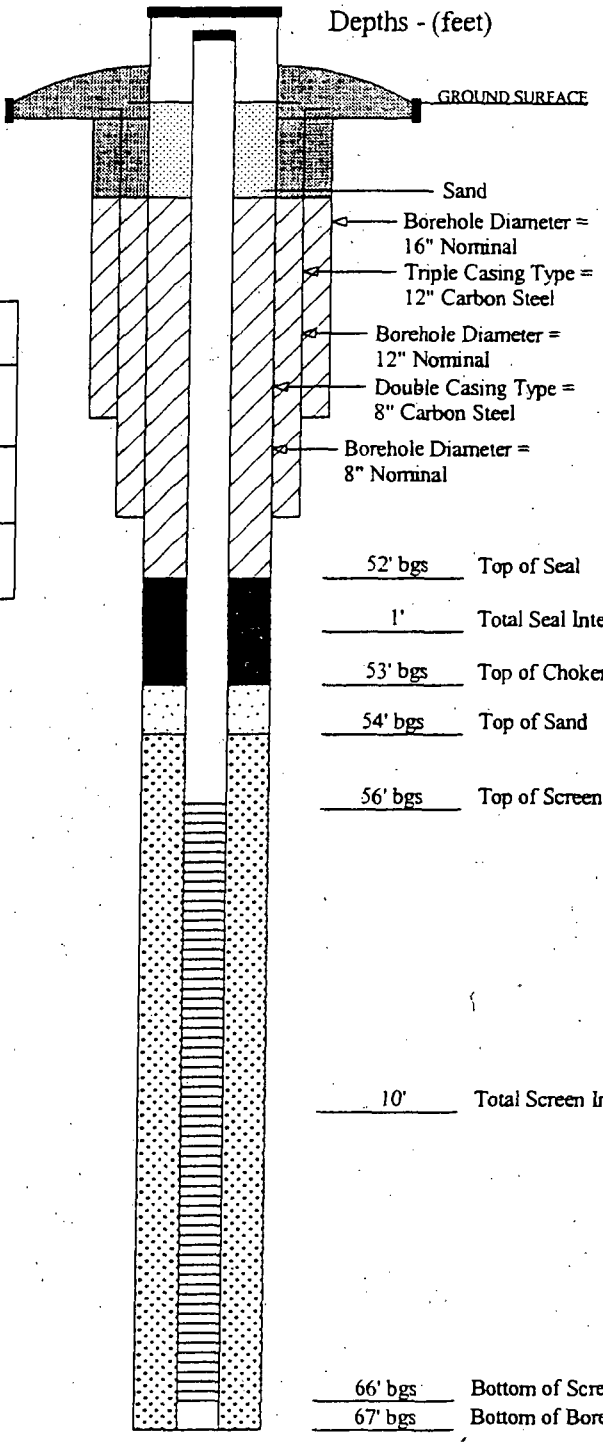
Measurements

Triple Casing Depth (ft. bgs)	28
Double Casing Depth (ft. bgs)	43
Riser pipe length (ft)	56
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Designed by: _____

Affiliation: _____

REMARKS:



TRIPLE-CASED STICKUP WELL W/CHOKER PACK HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM 125 Maiden Lane, 5th Floor
New York, NY 10038

Double-Cased Stick-Up Monitoring Well

Well No.: **RMW-9D**

Client:	U.S. Environmental Protection Agency	Location:	
Site Name:	Hiteman Leather Superfund Site (3220-032)	Drilling Date(s):	04/12-04/16/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Drilling Contractor:	CT&E Drilling	Geologist:	L. Campbell
Drill Rig:	Mobile Drill B-90	North: East: Elevation (ft.amsl):	
Drilling Method:	4¼"ID Hollow Stem Auger	Depth to Bottom (ft. bgs):	46

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Flush Mount Type	8"	Carbon Steel

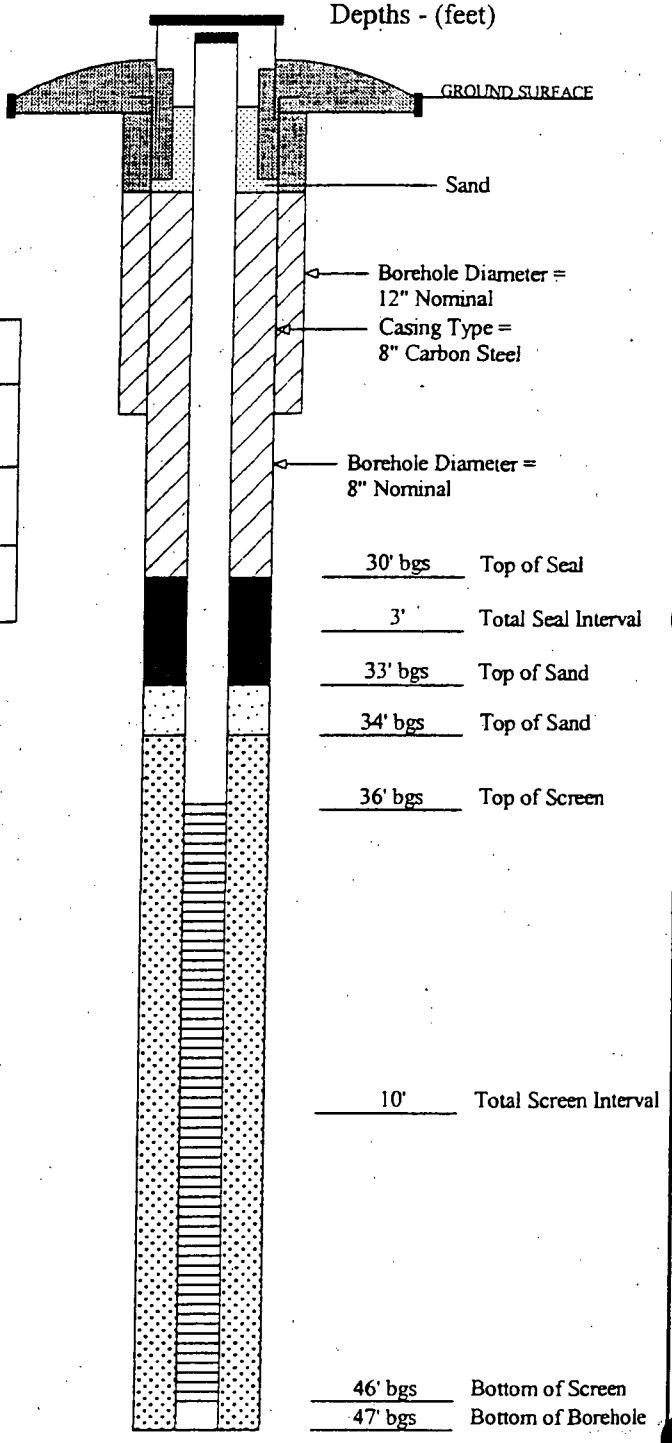
Measurements

Outer Casing Depth (ft. bgs)	28
Riser pipe length (ft)	36
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Designed by: _____

Affiliation: _____

REMARKS:



DOUBLE-CASED STICKUP W/CHOKER PACK_HITEMAN.GPJ_FEDERAL.GDT 6/21/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Double-Cased Stick-Up Monitoring Well

Well No.: **RMW-11D**

Client:	U.S. Environmental Protection Agency	Location:	
Site Name:	Hiteman Leather Superfund Site (3220-032)	Drilling Date(s):	04/11/02 - 04/12/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Drilling Contractor:	CT&E Drilling	Geologist:	M. Akbar
Drill Rig:	Mobile Drill B-90	North: East: Elevation (ft.amsl):	
Drilling Method:	Mud Rotary	Depth to Bottom (ft. bgs):	35

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Flush Mount Type	8"	Carbon Steel

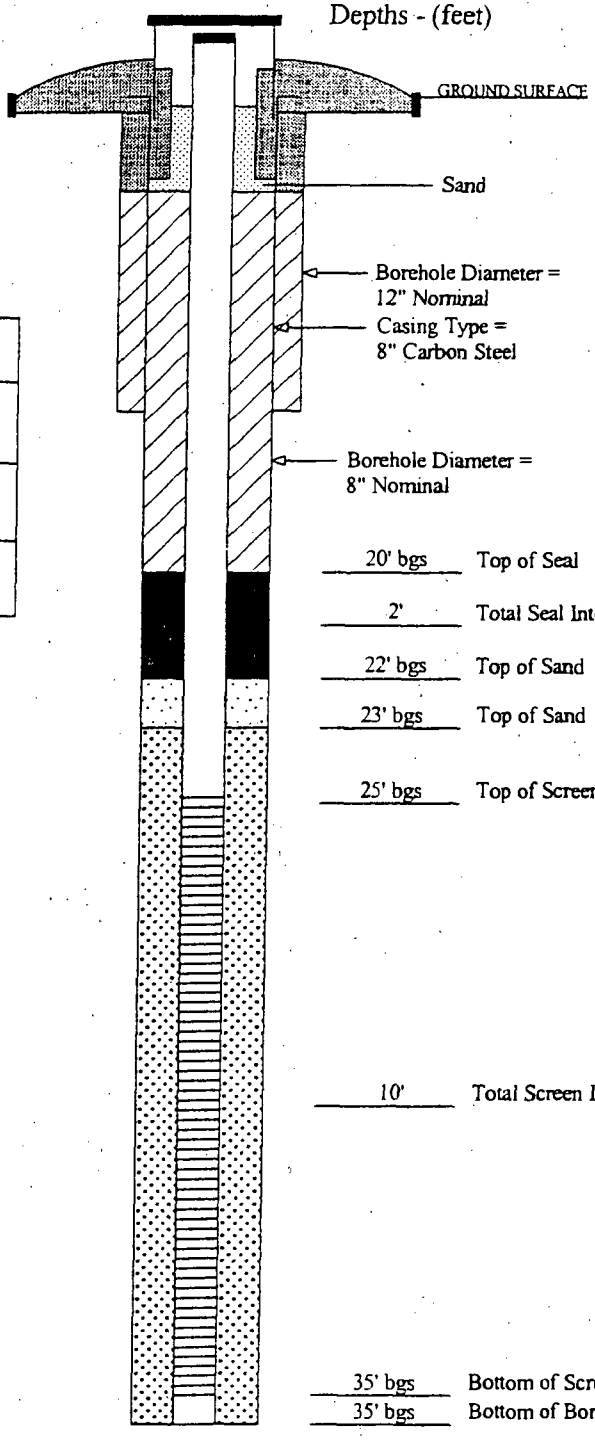
Measurements

Outer Casing Depth (ft. bgs)	24
Riser pipe length (ft)	25
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Designed by: _____

Affiliation: _____

REMARKS:



DOUBLE-CASED STICKUP W/CHOKER PACK HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM 125 Maiden Lane, 5th Floor
New York, NY 10038

Triple-Cased Stick-Up Monitoring Well

Well No.: **RMW-11B**

Client:	U.S. Environmental Protection Agency	Location:	
Site Name:	Hiteman Leather Superfund Site (3220-032)	Drilling Date(s):	04/16/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Drilling Contractor:	CT&E Drilling	Geologist:	M. Akbar
Drill Rig:	Mobile Drill B-90	North: East: Elevation (ft.amsl):	
Drilling Method:	4¼"ID Hollow Stem Auger	Depth to Bottom (ft. bgs):	66

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Flush Mount Type	12"	Carbon Steel

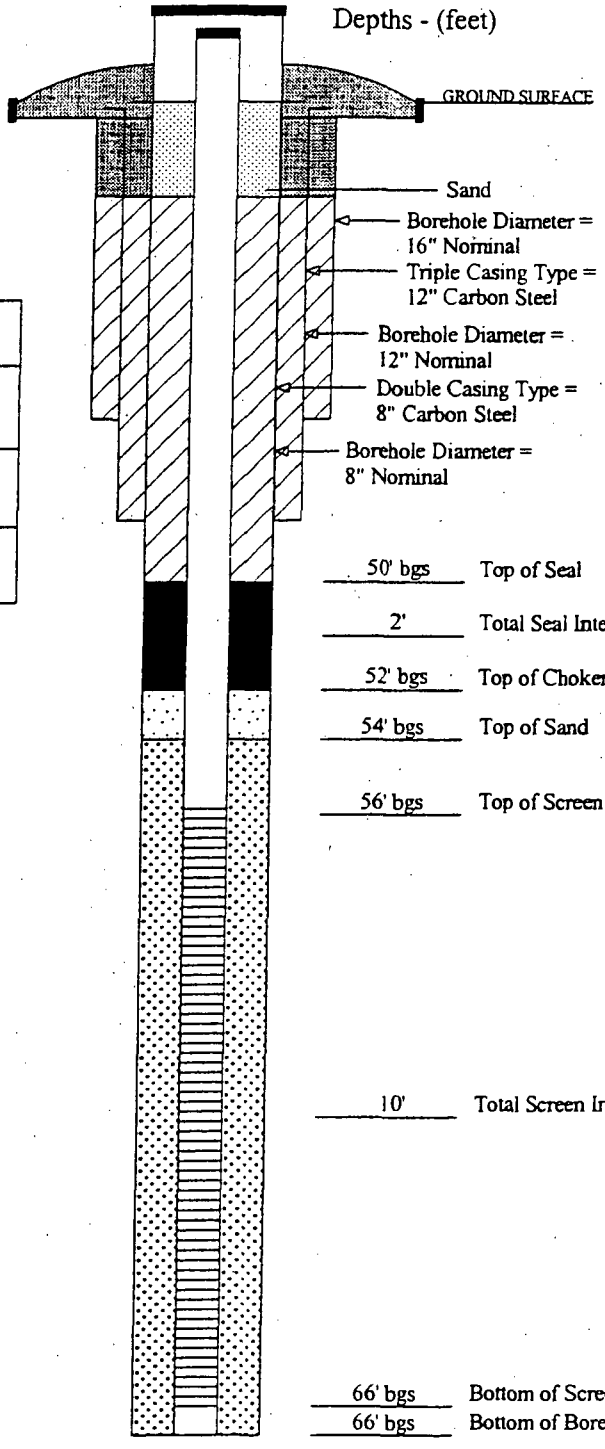
Measurements

Triple Casing Depth (ft. bgs)	28
Double Casing Depth (ft. bgs)	39
Riser pipe length (ft)	56
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Designed by: _____

Affiliation: _____

REMARKS:



TRIPLE-CASED STICKUP WELL W/CHOKER PACK_HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Single-Cased Flush Mount Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**RMW-16S**
Site Name:	Hiteman Leather Superfund Site	Well Permit No. :	
Project Number:	3220-032	Date Completed:	04/23/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Installed by:	CT&E Drilling	Inspector:	L. Campbell
Drill Rig:	Mobile Drill B-59	North: East: Elevation (ft.amsl):	
Drilling Method:	4¼"ID Hollow Stem Auger	Depth to Bottom (ft. bgs):	22

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Choker Pack: # 00 Sand

Type of Seal: Bentonite Slurry

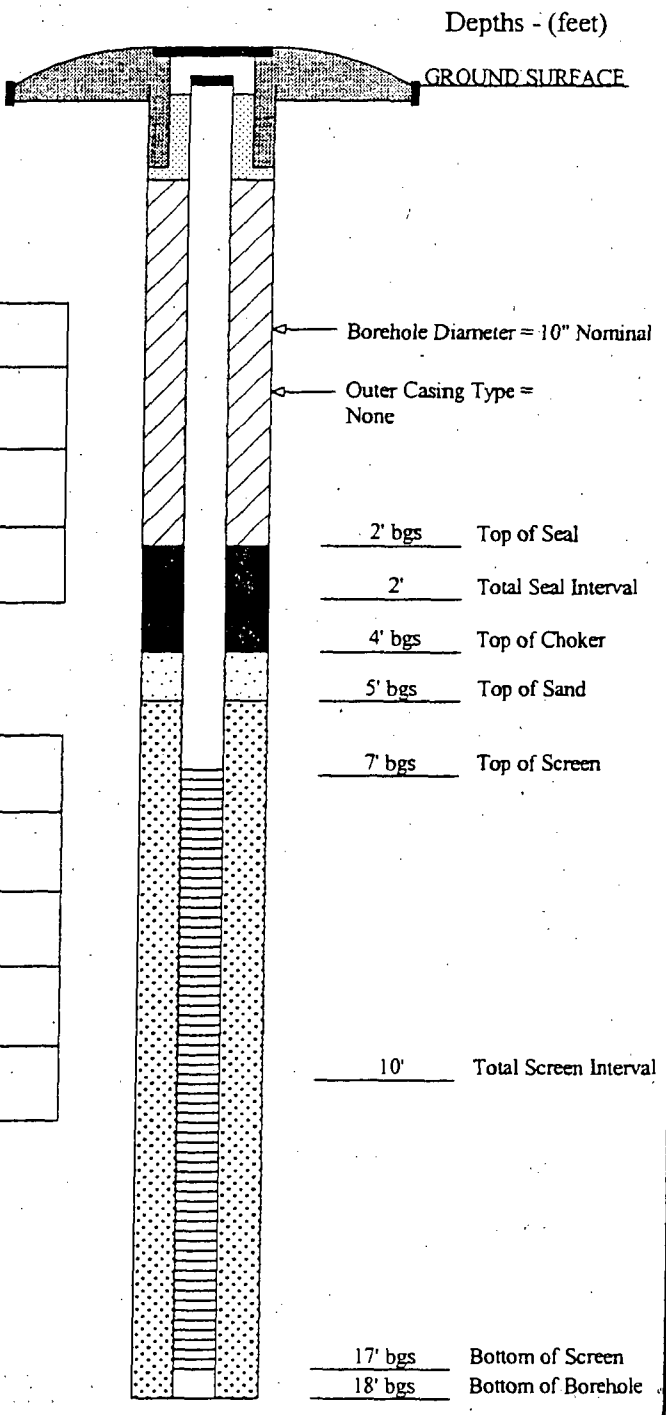
Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Protective Casing Type	8"	Carbon Steel

Measurements

Riser pipe length (ft)	7
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A



Reviewed by: _____

REMARKS:

SINGLE-CASED FLUSH MOUNT WELL W/CHOKER PACK_HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Double-Cased Flush Mount Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**RMW-16D**
Site Name:	Hiteman Leather Superfund Site	Well Permit No. :	
Project Number:	3220-032	Date Completed:	04/26/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Installed by:	CT&E Drilling	Inspector:	M. Akbar
Drill Rig:	Mobile Drill B-90	North: East: Elevation (ft.amsl):	
Drilling Method:	4¼"ID Hollow Stem Auger	Depth to Bottom (ft. bgs):	66.4

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Flush Mount Type	8"	Carbon Steel

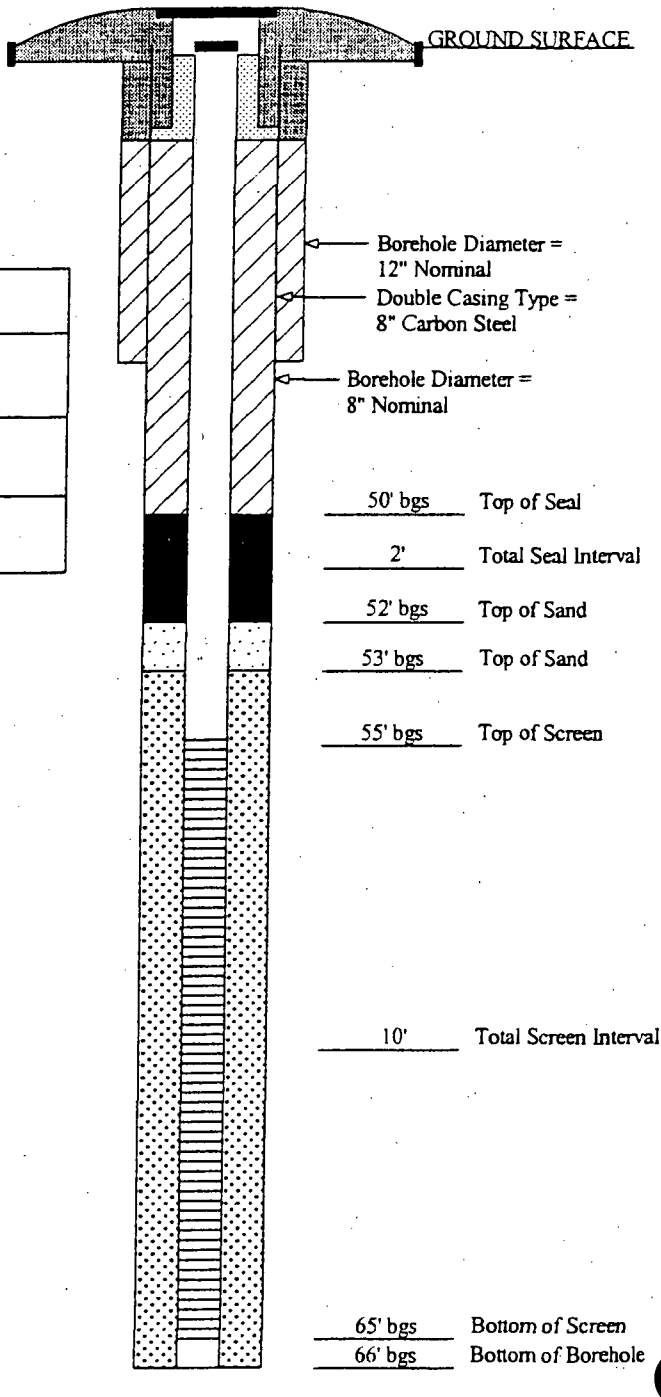
Measurements

Outer Casing Depth (ft. bgs)	36
Riser pipe length (ft)	55
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS:

Depths - (feet)



DOUBLE-CASED FLUSH MOUNT W/CHOKER PACK_HITEMAN.GPJ_FEDERAL.GDT 6/21/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Triple-Cased Flush Mount Monitoring Well

Well No.: **RMW-16B**

Client:	U.S. Environmental Protection Agency	Location:	
Site Name:	Hiteman Leather Superfund Site (3220-032)	Drilling Date(s):	04/29/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Drilling Contractor:	CT&E Drilling	Geologist:	M. Akbar
Drill Rig:	Mobile Drill B-90	North: East: Elevation (ft.amsl):	
Drilling Method:	Mud Rotary to bedrock; Air Rotary	Depth to Bottom (ft. bgs):	86

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Flush Mount Type	12"	Carbon Steel

Measurements

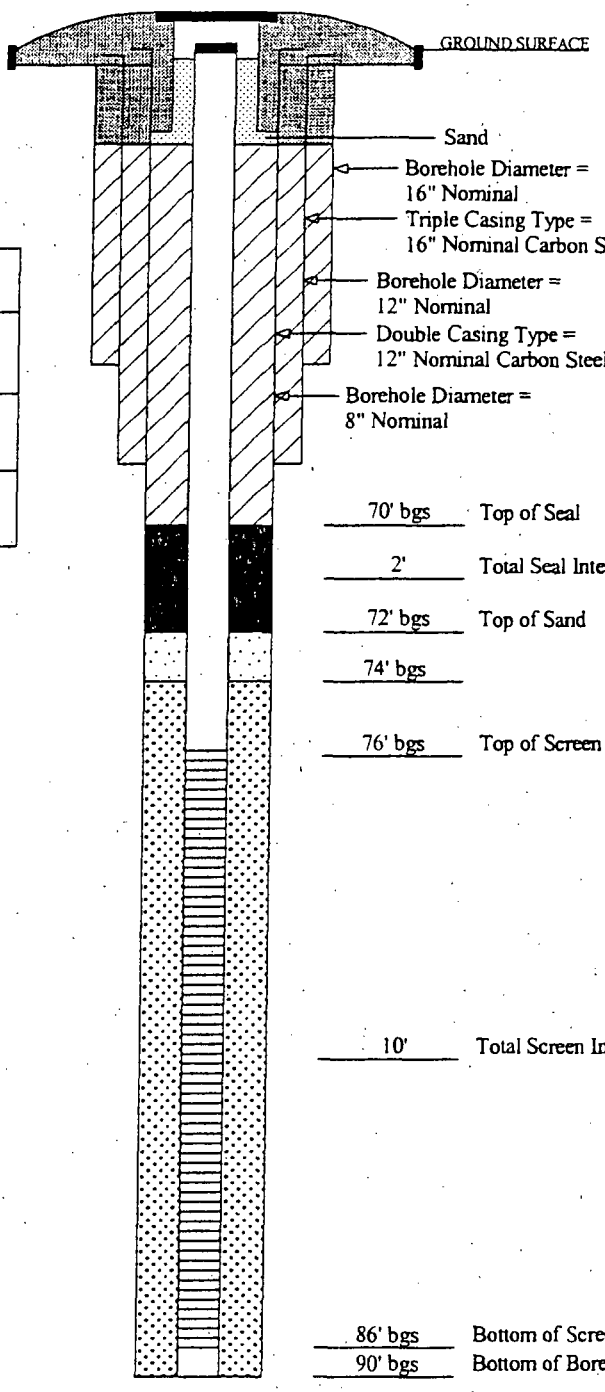
Triple Casing Depth (ft. bgs)	38
Double Casing Depth (ft. bgs)	70
Riser pipe length (ft)	76
Screen length (ft)	10'
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Designed by: _____

Affiliation: _____

REMARKS:

Depths - (feet)



70' bgs	Top of Seal
2'	Total Seal Interval
72' bgs	Top of Sand
74' bgs	
76' bgs	Top of Screen
10'	Total Screen Interval
86' bgs	Bottom of Screen
90' bgs	Bottom of Borehole

TRIPLE-CASED FLUSH MOUNT WELL W/CHOKER PACK_HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Single-Cased Stick-Up Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**RMW-17S**
Site Name:	Hiteman Leather Superfund Site	Well Permit No.:	
Project Number:	3220-032	Date Completed:	04/08/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Installed by:	CT&E Drilling	Inspector:	M. Akbar
Drill Rig:	Mobile Drill B-59	North: East: Elevation (ft.amsl):	
Drilling Method:	4¼"ID Hollow Stem Auger	Depth to Bottom (ft. bgs):	32

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Choker Pack: # 00 Sand

Type of Seal: Bentonite Slurry

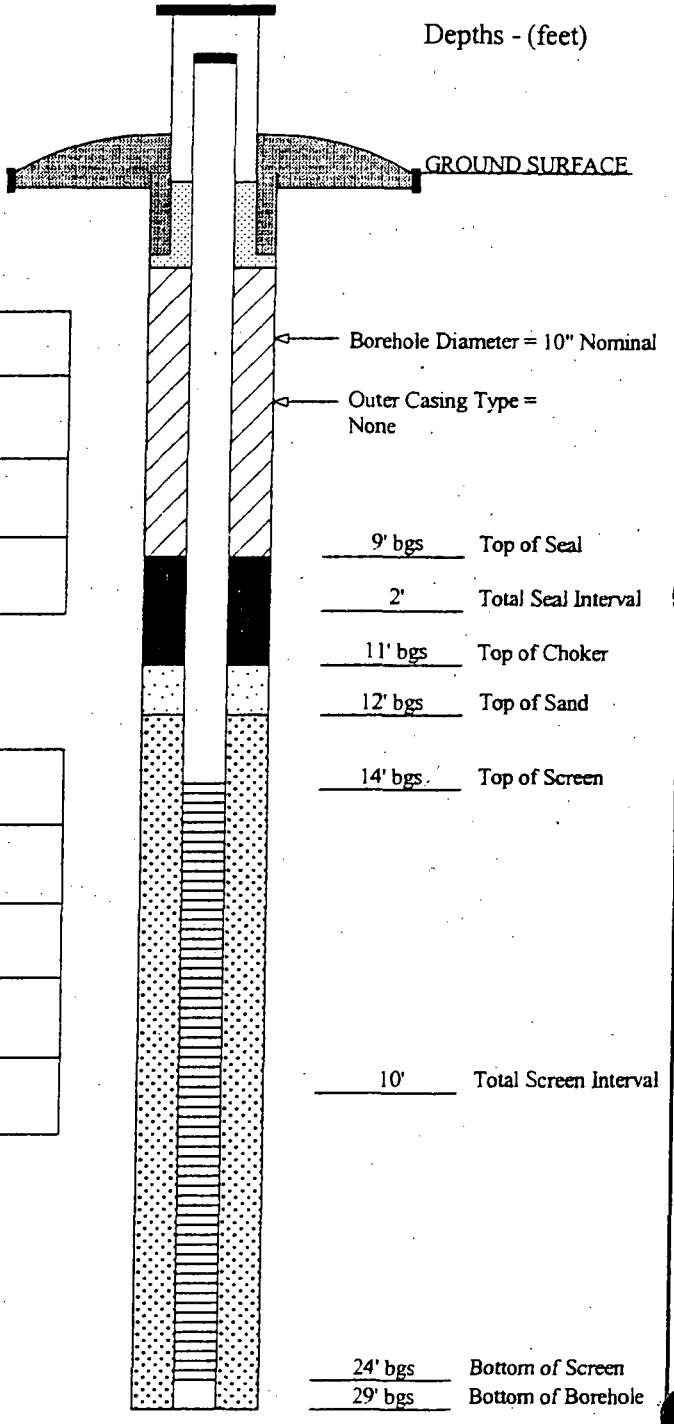
Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Protective Casing Type	8"	Carbon Steel

Measurements

Riser pipe length (ft)	14
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A



Reviewed by: _____

REMARKS:
TPC = Top of Protective Casing
TRC = Top of Riser Casing

SINGLE-CASED STICK UP W/CHOKER PACK HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM 125 Maiden Lane, 5th Floor
New York, NY 10038

Single-Cased Flush Mount Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**RMW-18S**
Site Name:	Hiteman Leather Superfund Site	Well Permit No. :	
Project Number:	3220-032	Date Completed:	04/29/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Installed by:	CT&E Drilling	Inspector:	M. Akbar
Drill Rig:	Mobile Drill B-59	North: East: Elevation (ft.amsl):	
Drilling Method:	Hollow Stem Auger	Depth to Bottom (ft. bgs):	13

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Choker Pack: # 00 Sand

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

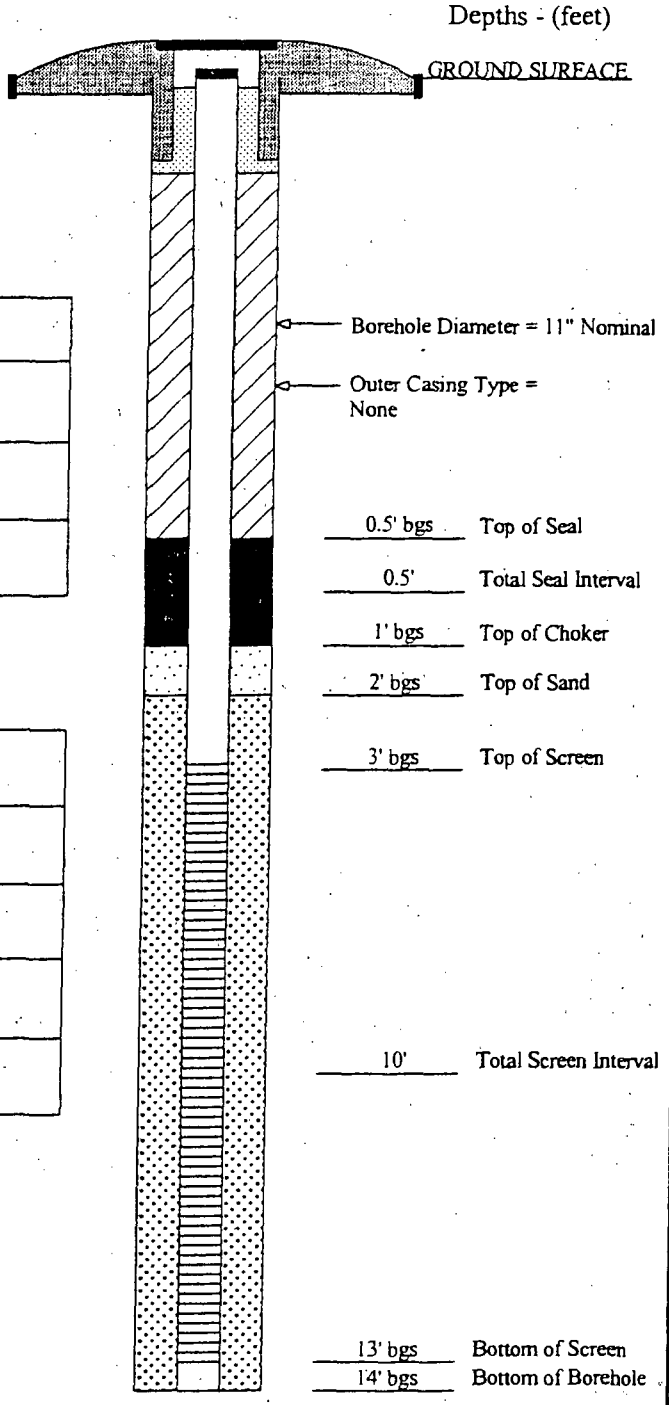
	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Protective Casing Type	8"	Carbon Steel

Measurements

Riser pipe length (ft)	3
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS:



SINGLE-CASED FLUSH MOUNT WELL W/CHOKER PACK_HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM

125 Maiden Lane, 5th Floor
New York, NY 10038

Double-Cased Flush Mount Monitoring Well

Client:	U.S. Environmental Protection Agency	Well No.:	**RMW-18D**
Site Name:	Hiteman Leather Superfund Site	Well Permit No. :	
Project Number:	3220-032	Date Completed:	04/28/02
Project Location:	West Winfield, New York	Initial Water Level (ft. bgs):	None
Installed by:	CT&E Drilling	Inspector:	M. Akbar
Drill Rig:	Mobile Drill B-90	North: East: Elevation (ft.amsl):	
Drilling Method:	4¼"ID Hollow Stem Auger	Depth to Bottom (ft. bgs):	30

Annular Space Details

Type of Surface Seal: Cement/Bentonite Grout

Type of Annular Grout: Cement/Bentonite Grout

Type of Seal: Bentonite Slurry

Type of Filter Pack: # 01 Sand

Well Construction Materials

	Diameter	Type of Material
Screen	4"	Schedule 40 PVC
Riser Casing	4"	Schedule 40 PVC
Flush Mount Type	8"	Carbon Steel

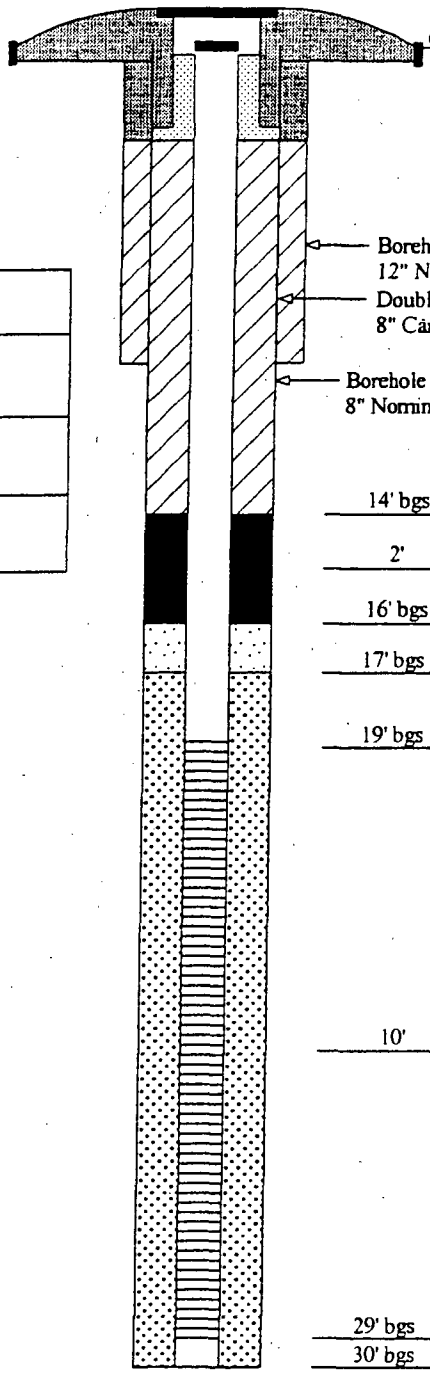
Measurements

Outer Casing Depth (ft. bgs)	15
Riser pipe length (ft)	19
Screen length (ft)	10
Screen slot size (in)	0.010" Slot Size
Depth to water (ft. bgs)	None
Depth to bedrock (ft. bgs)	N/A

Reviewed by: _____

REMARKS: Diagram is not to scale.

Depths - (feet)



DOUBLE-CASED FLUSH MOUNT W/CHOKER PACK HITEMAN.GPJ FEDERAL.GDT 6/21/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1184.0
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2			
2	S-1	6 5 7	2-3.5		Bk $ a, f S Blk Silt and, fine Sand, dry	
3					Tn Cy$ l, f S; mtld appearance Tan Clayey Silt, little, fine Sand; medium trace little dense appearance	
4	S-2	5 4 4 4	3.5-5.5		Tn Cy$ l, f S Tan Clayey Silt, little, fine Sand, dry	
5						
6						
7			5.5-8.5			
8						
9	S-3	2 5 7	8.5-10.5		as above, moist	
10						

Total Depth of Boring = 25 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/1/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1184.0
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
	S-3	9	8.5-10.5		Lt br c C s, Cy$; cobbles Lt brn coarse Clay, some, Clayey Silt; cobbles	
11						
12			10.5-13.5			
13						
14	S-4	5 10 21 23	13.5-15.5		Gr c(+)mf G s(+) tn cmf S, t $ Gry coarse to fine Gravel, some, tan coarse to fine Sand, trace Silt, wet; cobbles	
15						
16					Faster penetration	
17			15.5-18.5			
18						
19	S-5	20 16 24	18.5-20.5		No recovery, wet	
20						

Total Depth of Boring = 25 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/1/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-1S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1184.0
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
	S-5	31	18.5-20.5			
21					1.5' cuttings in augers triconed through, drive 3" SS	
22			20.5-23.5			
23						
24		22 37 25	23.5-25		Gr c G; cobbles, poor recovery Gry coarse Gravel; cobbles, poor recovery; piece of cobble in tip; no sample	
25						
26						
27						
28						
29						
30						

Total Depth of Boring = 25 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/1/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1184.1
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: R. Sheffer
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2			
2	S-1	5 10 13	2-4		Lt br Cy$ l (+), f S, l(-) cmf, G Lt brn Clayey Silt, little, fine Sand, little, coarse to fine Gravel, moist	
3					(Fluvial)	
4	S-2	5 8 8 9	4-6		Tn $ t, c G Tan Silt, trace, coarse Gravel, slightly moist	
5						
6					Cobbles at 6.5-20.0', slow drilling, lots of grinding	
7			6-9			
8						
9	S-3	41 100/0.3	9-10		Br c(+)m G s(-), cmf S, t Cy$ Brn coarse medium Gravel, some, coarse to fine Sand, trace Clayey Silt, dry	
10						

Total Depth of Boring = 27 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/30/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1184.1
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: R. Sheffer
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11					very slow drilling, W.T. ~ 13.0'	
12			10-14			
13						
14		37			as above, poor recovery, wet; no sample collected	
15		26	14-16			
		28				
16		23				
17			16-19			
18						
19		52			Gr cm(+)f G a, c(+)mf S, t $ Gry coarse medium fine Gravel and coarse to fine Sand, trace Silt, wet; Subangular Gravel	
20	S-4	27	19-21			

Total Depth of Boring = 27 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/30/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-2S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1184.1
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: R. Sheffer
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
21	S-4	21 22	19-21			
22			21-24			
24	S-5	32 21 16 19	24-26		as above, wet, Subangular Gravel	
26			26-27			
27						
28						
29						
30						

Total Depth of Boring = 27 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/30/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-3S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1174.9
Date Started: 9/22/88
Date Finished: 9/22/88
Driller: M. Prueher
Inspector: R.Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	P P P P	0-2		Dk br S & C t, f G; occ lt gr lyrs, rts Drk brn Silt and Clay trace, fine Gravel; occassional lt gry layers, roots, moist	
2						
3	S-2	7 15 19	2-4		Lt gr S Lt green Silt, moist	
4					Lt br cm(+)f G s, cmf, S, l(+) S Lt brn coarse medium to fine Gravel, sand, coarse medium fine, Sand, little Silt; well rounded cobbles, augers starting to grind harder at 4.0'	
5	S-3	15 10 13 15	4-6		Lt br & gr mf(+) G (+), cmf S, t S; cobbles Lt brn & gry medium fine Gravel, some, coarse to fine Sand, trace Silt; cobbles, wet, angular clasts	
6						
7			6-9		(Glacial Outwash); cobbles on augers at 7', slow drilling	
8						
9						
10	S-4	41 13	9-11		as above, wet	

Total Depth of Boring = 16 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/26/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-3S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1174.9
Date Started: 9/22/88
Date Finished: 9/22/88
Driller: M. Prueher
Inspector: R.Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
10	S-4	5 13	9-11			
11						
12			11-14			
13						
14						
14	S-5	4 4 4 6	14-16		Lt gr S & C; occ Dk gr C seams Lt gry Silt & Clay; occassional Drk gry Clay seams, wet; No recovery, drive second spoon	
16						
17						
18						
19						
20						

Total Depth of Boring = 16 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/26/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-4S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1174.9
Date Started: 9/22/88
Date Finished: 9/22/88
Driller: R. Sheffer
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2		Dk br $ s(+), mf S, t f G (Topsoil) Drk brn Silt, some, medium fine Sand, trace fine Gravel	
					Cobbles 1.0-16.0', slow drilling	
2	S-1	48 42 48	2-3.5		Br c(+)mf G l, cmf S, t $ Brn coarse medium fine Gravel, little, coarse medium to fine Sand, trace Silt, dry	
4	S-2	49 40 45 22	3.5-5.5		as above, wet; W.T.~4.0'; Blk sludge on augers from 5.0-16.0'	
6	S-3	44 70 54 34	5.5-7.5		as above, wet; Blk sludge staining from 6.5'-23.0'	
8			7.5-10		(Glacial Outwash); faster penetration at 10.0'	
10						

Total Depth of Boring = 16 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/26/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-4S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1174.9
Date Started: 9/22/88
Date Finished: 9/22/88
Driller: R. Sheffer
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-4	116 67 28	10-11.5		Bl bk c(+)mf G l, cmf S, t $; occ seams of Br $yS at top Blue blk coarse to fine Gravel, little, coarse to fine Sand, trace Silt; occasional seams of brn Silty Sand at top, wet; cobbles in top of spoon	
12			11.5-14		(Glacial Outwash); Blk sludge on augers	
13						
14	S-5	100/0.3	14-14.5		as above; occasional white speckles, wet	
15			14.5-16			
16						
17						
18						
19						
20						

Total Depth of Boring = 16 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/26/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.8
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	2 2 5 5	0-2		Dk br & lt br $ s(+), mf S, t f G well rounded pebbles Drk brn & light brn Silt, some, medium fine Sand, trace fine Gravel, well rounded pebbles, moist; cobbles grinding in augers	
3	S-2	6 7 4 7	2-4		Lt br Cy$ a(-), cmf S Light brn Clayey Silt and coarse medium fine Sand, moist Bk & gr Cy$ s(-), cmf S Blk & gry Clayey Silt, some, coarse medium to fine Sand, wet	
5	S-3	3 9 9 11	4-6		Bk cm(+)f G s(+), cm S; angular clasts Blk coarse, medium to fine Gravel, some, coarse to fine Sand; cobbles grinding on augers @ 4.0-17.0'; blk color due to sludge	
7			6-9		(Glacial Outwash)	
9	S-4	25 39	9-11		Bk c(+)mf G l(+), cmf S, t $ Blk coarse medium to fine Gravel, some, coarse medium fine Sand, trace Silt, wet; Blk "sludge"; cobbles grinding in augers	

Total Depth of Boring = 16 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/26/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.8
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
10	S-4	41 48	9-11			
11						
12			11-14			
13						
14		11			Lt gr cm(+)f G s(+), c(+)mf S Light gry coarse medium to fine Gravel, some, coarse medium to fine Sand, wet	
15	S-5	12 25	14-16			
16		21				
17						
18						
19						
20						

Total Depth of Boring = 16 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/26/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.6
Date Started: 9/27/88
Date Finished: 9/27/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	1 1 2 15	0-2		Br $ l(-), f S; mtld gr in places Brn Silt, little, fine Sand; medium trace little dense gravel in places, moist; roots in upper 0.3' of sample, cobble in tip (lmst); cobbles grinding in augers	
3	S-2	30 23 18 19	2-4		Br c(+)mf G s(-), cm S, t $; cbls Brn coarse to fine Gravel, some, coarse to medium Sand, trace Silt; cobbles, wet	
5	S-3	6 65 32 24	4-6		Gr cm(+)f G t, $; rts Gravel coarse medium to fine Gravel, trace Silt; roots, wet ; cobbles grinding	
7	S-4	81 40 21 20	6-8		Dk gr mf G s(-), $ t(+), mf S Drk gry medium fine Gravel, some, Silt trace, medium to fine Sand, wet	
9	S-5	26 22 22 32	8-10		Gr c(+)mf G s(+), mf S l, $; cbls Gry coarse medium fine Gravel, some, medium to fine Sand, little Silt; cobbles; well rounded cobbles; wet	

Total Depth of Boring = 17 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/26/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.6
Date Started: 9/27/88
Date Finished: 9/27/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-6	16 21 32 47	10-12		Gr mf G s(-), mf S l, $ Gry medium fine Gravel, some, medium fine Sand, little, Silt, wet; well rounded Gravel	
12						
13	S-7	16 12 13 19	12-14		Gr mf(+) G s(+), cm(+)f S l(+), $ Gry medium fine Gravel, some, coarse medium fine Sand, little Silt, wet; angular Gravel clasts; cobbles grinding in augers	
14						
15	S-8	37 45 51 48	14-16		Dk gr c(-)mf G s, cmf S l, $ Drk gry coarse medium fine Gravel, sand, coarse medium fine Sand, little, Silt, wet	
16	S-9	100/0.2	16-17		No recovery	
17						
18						
19						
20						

Total Depth of Boring = 17 ft. bgs

Remarks:

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South Plainfield, NJ 07080

Boring Name: MW-7S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1179.3
Date Started: 9/27/88
Date Finished: 9/27/88
Driller: M. Preuher
Inspector: R.Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2		Dk br $ s, cmf S, t f G Drk brn Silt, some, coarse, medium to fine Sand, tr fine Gravel (Topsoil)	
2	S-1	5 3 4	2-4		Dk br $ s, cmf S, l mf G Drk brn Silt, some, coarse to fine Sand, little medium to fine Gravel, dry	
3					Bk $, l(+) m G Blk Silt, little medium Gravel (Ash-Fill); Wood debris @ 3.5'	
4					Br Cy$ l(+), f S, l(-), mf G Br Clayey Silt, little, fine Sand, little, medium fine Gravel, dry	
5	S-2	2 9 11 13	4-6		as above, dry; cobbles @ 5.6' to 13.5'	
6					Gr & lt br c(+)mf G s(+), cmf S, t $; cbls Gry & lt brn coarse to fine Gravel, some, coarse to fine Sand, tr Silt; cobbles	
7			6-8.5			
8						
9	S-3	15 11 13	8.5-10.5		as above, wet; WT~10.3'	
10						

Total Depth of Boring = 20 ft. bgs

Remarks:

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Boring Name: MW-10S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1172.6
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11						
12			10-14			
13						
14		6			as above, wet	
	S-4	7	14-15			
15						
16						
17						
18						
19						
20						

Total Depth of Boring = 15 ft. bgs

Remarks:

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Boring Name: MW-11S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.0
Date Started: 9/22/88
Date Finished: 9/22/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	1 2 3 5	0-2		Lt bl $ (sludge deposit) Lt black Silt, moist; Blk clumps 0.0 - 0.5' within Drk brn & Lt brn Clayey Silt on augers 0.0 - 4.5' Lt br & Dk br $ Lt brn & Drk brn Silt	
2						
3	S-2	2 5 7 7	2-4		Dk br C & S, occ lt bl clumps Drk brn Clay & Sand, occassional light black clumps, moist Lt br $ & C w Or streaks, mtld Lt brn Silt & clay with Or streaks, medium trace little dense	
4						
5	S-3	3 6 13 9	4-6		Br $ s(+), mf S, t f G Brn Silt, some, medium fine Sand, trace fine Gravel, wet; Cobbles grinding on augers @ 4.5'	
6						
7	S-4	6 6 18 24	6-8		Br cmf S, l(+) $, t f G Brn coarse medium to fine Sand, little Silt, trace fine Gravel, wet Bl c(+)mf G l(+), cmf S Blk coarse medium fine Gravel, little, coarse medium to fine Sand; Cobbles 7.0 - 20.5'	
8						
9	S-5	13 18 25 27	8-10		as above, wet; well-rounded cobbles	
10						

Total Depth of Boring = 19 ft. bgs

Remarks:

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South Plainfield, NJ 07080

Boring Name: MW-11S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.0
Date Started: 9/22/88
Date Finished: 9/22/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-6	87 125/0.3	10-12		Lt br cmf S, s(+) mf G Lt brn coarse medium fine Sand, some, medium fine Gravel, wet	
12						
13	S-7	100/0.5	12-14		Lt br & gr mf (+) G a(-), cmf S, l(-) $ & C Lt brn & gry medium fine Gravel and, coarse medium fine Sand, little Silt & Clay, wet	
14						
15	S-8	73 33 29 35	14-16		Bk mf G s(+), cm S, l(-) $ Blk medium fine Gravel, some, coarse medium Sand, little Silt, wet; Blk "Sludge" coating; Pebbles of lt brn siltstone	
16						
17	S-9	38 35 32 28	16-18		as above, wet; very slow penetration @ 16.0 - 17.5'	
18	S-10	65 28	18-19		Dk gr mf G s(+), cmf S, t $ Drk gry medium fine Gravel, some, coarse medium fine Sand, trace Silt, wet; cemented outwash	
19						
20						

Total Depth of Boring = 19 ft. bgs

Remarks:

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Boring Name: MW-12S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1178.1
Date Started: 9/20/88
Date Finished: 9/20/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	8 11 14 19	0-2		Dk br $ (Topsoil) Drk, brn Silt (Topsoil) Dk br cmf S, t $ t(+), cmf G, rts Drk, brn. coarse to fine Sand, tr Silt, coarse to fine Gravel, dry	
3	S-2	38 21 14 17	2-4		as above, dry	
5	S-3	8 4 4 7	4-6		Br cm G: wd-dbr Brn, coarse to medium Gravel; wood debris, wet, W.T.~5.5'	
7	S-4	4 2 4 5	6-8		Br Cy$ l, f S, l mf G; wd-dbr Brn Clayey Silt little, fine Sand, little medium fine Gravel; wood debris, wood stuck in tip of S.S.	
9	S-5	8 4 3	8-9.5		Br Cy$ Brn Clayey Silt, wet	
10			9.5-14		Bl gr $ & C wood debris in augers Blk, gray Silt & Clay, wood debris in augers	

Total Depth of Boring = 17 ft. bgs

Remarks:

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Boring Name: MW-12S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1178.1
Date Started: 9/20/88
Date Finished: 9/20/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11						
12			9.5-14			
13						
14		8			Gr S & C a, cmf G; wd-dbr	
	S-6	4	14-15.5		Gray Silt & Clay and, coarse to fine Gravel, wet	
15		3				
		P			Gr S & C s, mf G	
16	S-7	P	15.5-17		Gray Silt & Clay some, medium to fine Gravel, wet	
		P				
17						
18						
19						
20						

Total Depth of Boring = 17 ft. bgs

Remarks:

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Boring Name: MW-13S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1181.2
Date Started: 9/21/88
Date Finished: 9/21/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	1, 2, 5, 6	0-2		Lt br Cy$ t, f S Lt brn Clayey Silt, tr, fine Sand, moist	
2						
3	S-2	9, 10, 14, 14	2-4		Lt br Cy$ occ (1/2'-1' thick) mf (+) S lyr Lt brn Clayey Silt, occasional (1/2'-1' thick) medium to fine, some Sand layers, moist to wet	
4						
5	S-3	2, 4, 4, 5	4-6		Lt br $ occ f S lyr Lt brn Clayey Silt, occasional fine Sand layers, moist to wet	
6						
7	S-4	2, 2, 2, 4	6-8		Lt br $, freq f S seams, vvd Lt brn Silt, frequent fine Sand seams, varved, moist, cobbles grinding on augers at 8'	
8						
9	S-5	3, 23, 22, 17	8-10		Gr m(+)f G l(+), cmf S, cemented Gray, some medium to fine Gravel, little, coarse, medium to fine Sand, cemented, moist, well-rounded cobble	
10						

Total Depth of Boring = 14.5 ft. bgs

Remarks:

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Boring Name: MW-13S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1181.2
Date Started: 9/21/88
Date Finished: 9/21/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-6	26 21 24 34	10-12		Gr mf G l(-), cmf S Gray medium to fine Gravel, little, coarse to fine Sand, wet	
12						
13	S-7	24 13 10 16	12-14		No recovery in first spoon; Second spoon in same interval, Gr mf(+) G l(+), cmf S Gray, some medium to fine Gravel, little, coarse, medium to fine Sand, wet	
14			14-14.5		Lt br Cy$ t, f S Lt brn Clayey Silt, tr, fine, Sand, wet	
15						
16						
17						
18						
19						
20						

Total Depth of Boring = 14.5 ft. bgs

Remarks:

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CDM Federal Programs Corporation
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Boring Name: MW-4D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1175.3
Date Started: 9/21/88
Date Finished: 9/21/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2		Dk br $ s(+), mf S, t f G (Topsoil) Drk brn Silt, some, medium fine Sand, trace fine Gravel	
2						
3	S-1	48 42 48	2-3.5		Br c(+)mf G l, cmf S, t $ Brn some coarse medium, fine Gravel, little, coarse medium to fine Sand, trace Silt, dry	
4		49			as above, wet; W.T. ~ 4.0'	
5	S-2	40 45 22	3.5-5.5			
6		44			as above, wet, Blk sludge staining from 6.5-23.0'	
7	S-3	70 54 34	5.5-7.5			
8					(Glacial Outwash); Cobbles from 1.0-19.5'	
9			7.5-10			
10						

Total Depth of Boring = 41 ft. bgs

Remarks:

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Boring Name: MW-4D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1175.3
Date Started: 9/21/88
Date Finished: 9/21/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-4	116 67 28	10-11.5		Bl bk c(+)mf G l, cmf S, t $; occ seams of Br $yS at top Blue Blk coarse to fine Gravel, little, coarse to fine Sand, trace Silt; occassional seams of brn Silty Sand at top, wet; cobbles in tip of spoon	
12			11.5-14		(Glacial Outwash)	
14	S-5	100/0.3	14-14.5		as above; occassional white speckles, wet	
15			14.5-19		as above, wet	
19	S-6	100/0.5	19-19.5		as above, wet	
20			19.5-22			

Total Depth of Boring = 41 ft. bgs

Remarks:

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Boring Name: MW-4D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1175.3
Date Started: 9/21/88
Date Finished: 9/21/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
21			19.5-22			
22					(Glacial Outwash)	
23			22-24			
24		46			wet	
25	S-7 & 2-8	12 6 6	24-26		Tn-gr C&$ t, f G Tan-gry Clay & Silt, trace, fine Gravel, wet	
26					(Glacio-Lacustrine)	
27						
28			26-29			
29		8			Dk gr C & S	
30	S-9	6	29-31		Drk gry Clay & Silt, wet, (Glacio-Lacustrine)	

Total Depth of Boring = 41 ft. bgs

Remarks:

CDM Federal Programs Corporation
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South Plainfield, NJ 07080

Boring Name: MW-4D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1175.3
Date Started: 9/21/88
Date Finished: 9/21/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
31	S-9	6 10	29-31			
32			31-34			
33						
34	S-10	7 10 8	34-35.5		as above, occasional Bue-Blk Sand and Gravel pockets, wet	
36						
37			35.5-39			
38						
39	S-11	5 8	39-41.1		Gr $ w freq C lumps Gry Silt with frequent lumps, wet	
40						

Total Depth of Boring = 41 ft. bgs

Remarks:

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Boring Name: MW-4D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1175.3
Date Started: 9/21/88
Date Finished: 9/21/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
41	S-11	50 37	39-41.1		Bedrock (inferred)	

Total Depth of Boring = 41 ft. bgs

Remarks:

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Boring Name: MW-5D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.2
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	2 2 5 5	0-2		Dk Br & lt br $ s(+), mf S, t f G Drk Brn & some Lt Brn Silt, medium to fine Sand, tr fine Gravel, well round pebbles, moist	
3	S-2	6 7 4 7	2-4		Lt br Cy$ a(-), cmf S Lt brn Clayey Silt and little, coarse, medium to fine Sand, moist	
4					Bk & gr Cy$ s(-), cmf S Bk & gray Clayey Silt, little, coarse, medium to fine Sand, wet	
5	S-3	3 9 9 11	4-6		Bk cm(+)f G s(+), cm S; angular clasts Blk coarse, medium to fine Gravel, some, coarse to fine Sand, cobbles grinding on augers @ 4.0-17.0', Blk color due to sludge	
7			6-9			
9	S-4	25 39	9-11		Bk c(+)mf G l(+), cmf S, t $ Blk some coarse, medium to fine Gravel, little, coarse, medium to fine Sand, tr Silt, wet, blk "Sludge"	

Total Depth of Boring = 45.8 ft. bgs

Remarks:

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CDM Federal Programs Corporation
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Boring Name: MW-5D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.2
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
10	S-4	41 48	9-11			
11						
12			11-14			
13						
14						
15	S-5	11 12 25 21	14-16		Lt gr cm(+)f G s(+), c(+) mf S Lt gry, some coarse, medium to fine Gravel, some, coarse, medium to fine Sand, wet	
16					Penetration rate increases @ 17.0'	
17			16-19			
18						
19	S-6	15 11	19-21		Lt br C & S w freq Lt gr seams, horizontal laminations Lt brn Clay & Silt with frequent lt gry seams, moist, poor recovery drive 2 spoon in same interval; remove retainer in second spoon	
20						

Total Depth of Boring = 45.8 ft. bgs

Remarks:

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CDM Federal Programs Corporation
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South Plainfield, NJ 07080

Boring Name: MW-5D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.2
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
21	S-6	6 8	19-21			
22			21-24			
24	S-7	4 5 5 9	24-26		Lt br C & S w freq lt gr seams Lt brn Clay & Silt with frequent lt gry seams, moist Lt gr C & S w freq dk gr seams Lt gry Clay & Silt with frequent drk gry seams, moist	
26			26-29			
29	S-8	1 1	29-31		as above, moist	
30						

Total Depth of Boring = 45.8 ft. bgs

Remarks:

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South Plainfield, NJ 07080

Boring Name: MW-5D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.2
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
31	S-8	6 10	29-31			
32			31-34			
34	S-9	9 7 7 7	34-36		as above, moist	
36			36-39			
39	S-10	5 7	39-41		Lt gr C & S w freq Dk gr seams Lt gry Clay & Silt with frequent Drk gry seams, moist	
40						

Total Depth of Boring = 45.8 ft. bgs

Remarks:

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-5D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.2
Date Started: 9/23/88
Date Finished: 9/23/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
41	S-10	11 13	39-41			
42			41-44			
43						
44						
45	S-11	6 13 16 100/0.3	44-45.8		as above, wet	
46						
47						
48						
49						
50						

Total Depth of Boring = 45.8 ft. bgs

Remarks:

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South Plainfield, NJ 07080

Boring Name: MW-6D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.3
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	1 1 2 15	0-2		Br $ l(-), f S; mtld gr in places Brn Silt, little, fine Sand, medium to trace, little dense gravel in places, moist, roots in upper 0.3' of sample; cobble in tip	
3	S-2	30 23 18 19	2-4		Br c(+)mf G s(-), cm S, t $; cbls Brn coarse to fine Gravel, some, coarse to medium Sand, tr Silt, cobbles, wet	
5	S-3	6 65 32 24	4-6		Cobbles grinding on augers @ 4.0' Gr cm(+)f G t, $; rts Gry coarse to medium fine Grave, tr Silt; roots, wet, cobbles grinding	
7	S-4	81 40 21 20	6-8		Dk gr mf G s(-), $ t(+), mf S Drk gry medium to fine Gravel, some, tr Silt, medium to fine Sand, wet	
9	S-5	26 22 22 32	8-10		Gr c(+)mf G s(+), mf S l, $; cbls Gry coarse medium to fine Gravel, some, medium to fine Sand, little, Silt; cobbles; well rounded cobbles, wet	

Total Depth of Boring = 54 ft. bgs

Remarks:

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South Plainfield, NJ 07080

Boring Name: MW-6D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.3
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-6	16 21 32 47	10-12		Gr mf G s(-), mf S l, $ Gry medium to fine Grave, some, medium to fine Sand, little, Silt; well rounded Gravel, wet	
12						
13	S-7	16 12 13 19	12-14		Gr mf(+) G s(+), cm(+)f S l(+), $ Gry medium to fine Gravel, some, coarse, medium to fine Sand, little, Silt; angular Gravel clasts, wet	
14						
15	S-8	37 45 51 48	14-16		Dk gr c(-)mf G s, cmf S l, $ Drk gry coarse medium to fine Gravel, coarse to medium fine Sand, little, Silt, wet	
16						
17	S-9	100/0.2	16-18		No recovery	
18						
19	S-10	73 67 38 19	18-20		Gr c(-)mf G s(-), cm(+)f S, l(+) $ Gry coarse, medium to fine Gravel, some, coarse to medium fine Sand, little, Silt, wet	
20						

Total Depth of Boring = 54 ft. bgs

Remarks:

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CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-6D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.3
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
21	S-11	25 23 22 24	20-22		*Gr cmf S, t $* Gry coarse, medium to fine Sand, tr Silt *Gr bn cmf G s(+), cmf S, l(+) $* Gry brn coarse, medium to fine Gravel, some, coarse, medium to fine Sand, little Silt	
22					Br Cy$; occ vvd $ seams Brn Clayey Silt; occassional varved Silty seams, wet	
23	S-12	24 7 7 6	22-24			
24					Gr Cy$ Gry Clayey Silt, wet; poor recovery	
25	S-13	18 6 4 6	24-26			
26					Gr $yC; vvd Bk $ seams Gry Silty Clay; varved Blk Silty seams, wet	
27	S-14	9 8 5 7	26-28			
28					Br $yC; vvd Bk $ seams Gry & Brn Silty Clay; varved Blk Silty seams, wet	
29	S-15	1 1 3 6	28-30			
30						

Total Depth of Boring = 54 ft. bgs

Remarks:

CDM Federal Programs Corporation
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South Plainfield, NJ 07080

Boring Name: MW-6D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.3
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
31	S-16		30-32		as above, wet	
32						
33	S-17		32-34		Gr Cy$ Gry Clayey Silt, wet	
34						
35	S-18	6 12 25 24	34-36		Gr SyC Gry Silty Clay, wet	
36						
37	S-19	14 7 6 7	36-38		Gr Cy$ Gry Clayey Silt, wet	
38						
39	S-20	4 4 3 4	38-40		as above; occassional varved Silt, wet	
40						

Total Depth of Boring = 54 ft. bgs

Remarks:

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CDM Federal Programs Corporation
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South Plainfield, NJ 07080

Boring Name: MW-6D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.3
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
41	S-21	3 4 6 7	40-42		Gr Cy$; vvd $ Gry Clayey Silt; varved Silt seams, wet	
42	S-22	1 1 2 4	42-44		Gr $yC, vvd c Gry Silty Clay, varved clay, moist	
44	S-23	1 3 5 6	44-46		Gr Cy$; occ Cy$ Gry Clayey Silt; occassional Clayey Silt, moist	
46	S-24	4 9 10 18	46-48		Gr Cy$, vvd $ Gry Clayey Silt, varved Silt seams, wet	
48	S-25		48-49		Gr f S Gry fine Sand	
49			49-54		Gr $ s(+), mf S Gry Silt, some, medium to fine Sand, wet Bedrock - Drk gry limestone; Auger refusal @ 49.0'; Diamond core 49.0-54.0'	
50						

Total Depth of Boring = 54 ft. bgs

Remarks:

CDM Federal Programs Corporation
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South Plainfield, NJ 07080

Boring Name: MW-6D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1174.3
Date Started: 9/26/88
Date Finished: 9/26/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
51						
52			49-54			
53						
54						
55						
56						
57						
58						
59						
60						

Total Depth of Boring = 54 ft. bgs

Remarks:

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Boring Name: MW-10S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1172.6
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2		Cobbles from 1.0 - 15.0'	
2	S-1	25 29 33 31	2-4		Gr cmf G a, cmf S, t(+) $; cbls Gry coarse medium fine Gravel and, coarse medium fine Sand, trace Silt; cobbles: top Dry-bottom moist; Decayed roots @ 3.5'	
4	S-2	18 13 15 17	4-6		Lt br cmf G s(+), cmf S, t $; cbls Lt brn coarse medium fine Gravel, some, coarse medium fine Sand, trace Silt; cobbles, wet; slow drilling, large cobbles	
6			6-8		Rusted metal barrel hoop (approx. 1' diameter) came up on augers @ 7.0'	
8	S-3	22 58 100	8-10		Lt br c(+)mf S, t & s(-), cmf G; cbls Lt brn coarse medium fine Sand, trace Silt, some, coarse medium fine Gravel; cobbles, wet	
10					(Glacial Outwash)	

Total Depth of Boring = 15 ft. bgs

Remarks:

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Boring Name: MW-7S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1179.3
Date Started: 9/27/88
Date Finished: 9/27/88
Driller: M. Preuher
Inspector: R.Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
	S-3	23	8.5-10.5			
11					as above	
12			10.5-13.5			
13						
14	S-4	64 26 22 42	13.5-15.5		Gr cmf(+) G a, c(+)mf S, t $ Gry coarse to fine Gravel and coarse to fine Sand, tr Silt, wet	
15						
16			15.5-18		as above; Angular Gravel	
17						
18		16 36 56 28	18-20		as above, wet	
19						
20						

Total Depth of Boring = 20 ft. bgs

Remarks:

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Boring Name: MW-8S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1174.5
Date Started: 9/27/88
Date Finished: 9/27/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2.3		Dk br $ s, mf S, l f G Drk brn Silt, some, medium to fine Sand, little, fine Gravel; cobbles @ 1.0'	
2					Br c(+)m G s, f S, l $ Brn coarse, medium Gravel, some, fine Sand, little Silt	
3	S-1	2 5 7	2.3-4		Lt br Cy$ l, f S, t(-) cm G Lt brn Clayey Silt, little, fine Sand, trace, coarse to medium Gravel, dry	
4						
5	S-2	3 7 8 9	4-6		Br cmf G a, cmf S, t $ Brn coarse, medium to fine Gravel, and coarse, medium to fine Sand, trace Silt, wet	
6						
7			6-9			
8						
9	S-3	12 10	9-11		Gr cmf G s(-), cmf S, t(-) $ Gry, coarse, medium to fine Gravel, some, coarse, medium to fine Sand, trace Silt, wet	
10						

Total Depth of Boring = 17 ft. bgs

Remarks:

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CDM Federal Programs Corporation
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South Plainfield, NJ 07080

Boring Name: MW-8S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1174.5
Date Started: 9/27/88
Date Finished: 9/27/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-3	13 16	9-11			
12			11-14			
13						
14		10 12	14-15		No recovery with first spoon @ 14-16'; second spoon driven from 15-17'	
15		9 8	15-17		Gr cmf G a(-), c(+)mf S, t(-) $ Gry, coarse, medium to fine Gravel, and coarse, medium to fine Sand, trace Silt, wet	
16	S-4	12 12				
17						
18						
19						
20						

Total Depth of Boring = 17 ft. bgs

Remarks:

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Boring Name: MW-9S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1173.5
Date Started: 9/29/88
Date Finished: 9/29/88
Driller: R. Sheffer
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2		cobbles @ 1.0 - 16.0'	
2	S-1	7 16 19 21	2-4		Br cmf G (+), cmf S, l $; cobbles Brn coarse to fine Gravel, little, coarse to fine Sand, little Silt; cobbles, moist; very slow drilling	
4			4-5			
5	S-2	5 8 10 22	5-7		Br cmf G s, cmf S, l(-) $ Brn coarse medium to fine Gravel, some, coarse medium to fine Sand, little Silt, wet; cobbles grinding from 2.0 - 16.0'	
7			7-10		(Glacial Outwash)	
10						

Total Depth of Boring = 16 ft. bgs

Remarks:

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Boring Name: MW-9S

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1173.5
Date Started: 9/29/88
Date Finished: 9/29/88
Driller: R. Sheffer
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-3	44 36 24 26	10-12		Br cmf G l, cmf S, t $; cobbles Brn medium to fine Gravel, little, coarse to fine Sand, trace Silt, wet	
12					auger walking on cobbles 13 - 15'	
13			12-15			
14						
15	S-4	100/0.2	15-16		Br cmf G s, cmf S, t $ Brn medium to fine Gravel, some, coarse medium to fine Sand, trace Silt, wet; augers in cobbles	
16						
17						
18						
19						
20						

Total Depth of Boring = 16 ft. bgs

Remarks:

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Boring Name: MW-9D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2			
2	S-1	7 16 19 21	2-4		Br cmf G (+), cmf S, l $; cobbles Brn coarse, medium fine Gravel, little, coarse to fine Sand, little Silt; cobbles, moist	
4			4-5			
5	S-2	5 8 10 22	5-7		Br cmf C s, cmf S, l(-) $ Brn coarse, medium fine Clay, some, coarse, medium to fine Sand, little Silt, wet; cobbles grinding from 2.0'-22.0'	
7			7-10			
10						

Total Depth of Boring = 48.1 ft. bgs

Remarks:

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Boring Name: MW-9D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-3	44 36 24 26	10-12		Br cmf G l, cmf S, t $; cobbles Brn coarse, medium fine Gravel, little, coarse to fine Sand, trace Silt; cobbles, wet	
12						
13			12-15			
14						
15		100/0.2			Br cmf G s, cmf S, t $ Brn coarse, medium fine Gravel, little, coarse to fine Sand, trace Silt, wet	
16	S-4		15-17			
17						
18			17-20			
19						
20						

Total Depth of Boring = 48.1 ft. bgs

Remarks:

CDM Federal Programs Corporation
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South Plainfield, NJ 07080

Boring Name: MW-9D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
21	S-5	100 60 55 45	20-22		Br cmf G s, cmf S, t $ Brn coarse, medium fine Gravel, little, coarse to fine Sand, trace Silt; wet	
22					Gr cmf G s, cmf S, t $ Gry coarse, medium fine Gravel, little, coarse to fine Sand, trace Silt	
23			22-25		(Glacial Outwash) to 23.0'	
24						
25		9			Gr Cy$ Gry Clayey Silt, wet	
26	S-6	6 7 9	25-27			
27						
28			27-30			
29						
30						

Total Depth of Boring = 48.1 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/1/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-9D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
31	S-7	8 7 6 6	30-32		Gr C & S; frequent seam C Gry Clay & Silt; frequent seams Clay, wet	
32						
33			32-35			
34						
35						
36	S-8	7 8 9 16	35-37		Gr C & S Gry Clay & Silt, wet	
37						
38			37-40			
39						
40						

Total Depth of Boring = 48.1 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/1/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-9D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: J. Weeks
Inspector: C. Gaule

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
41	S-9	1 4 8 13	40-42		Gr $yC; fequent seams C & $ Gry Silty Clay; frequent seams Clay & Silt, wet	
42						
43			42-45			
44						
45						
46	S-10	4 12 10 15	45-47		Gr $yC; frequent lyr C and $ Gry Silty Clay; frequent layers Clay & Silt, wet	
47					Auger refusal @ 48.0'	
48			47-48.1		Gr f S, t $ Gry fine Sand, trace Silt; Bedrock (inferred), spilt spoon pushed w/ hydraulics until @ 48.1'	
49						
50						

Total Depth of Boring = 48.1 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/1/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-10D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1172.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1			0-2		Cobbles from 1.0-2.0'	
2	S-1	25 29 33 31	2-4		Gr cmf G a, cmf S, t(+) $; cbls Gray, coarse, medium to fine Gravel, and coarse, medium to fine Sand, some tr Silt; cobbles. top:dry-bottom, moist, W.T.~3.0', Decayed rts @ 3.5'	
4	S-2	18 13 15 17	4-6		Lt br cmf G s(+), cmf S, t $; cbls Lt brn, coarse, some medium to fine Gravel, coarse, medium to fine Sand, tr Silt; cobbles, wet, slow drilling, large cobbles	
6			6-7.5		Rusted metal barrel hoop (approx. 1' diameter) came up on augers @ 7.0'	
8	S-3	22 58 100	7.5-9.5		Lt br c(+)mf S, t $ s(-), cmf G; cbls Lt brn, coarse to fine Sand, some tr Silt, coarse to fine Gravel; cobbles, wet	
10			9.5-14			

Total Depth of Boring = 48.75 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-10D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1172.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11						
12			9.5-14			
13						
14		6			as above, wet	
15	S-4	7 9	14-16			
16		16			Cobble zone	
17						
18			16-19			
19		16			Lt br c(+)mf S, t $ s, cmf G Lt brn, coarse, medium to fine Sand, some tr Silt, coarse to fine Gravel, wet	
20	S-5	14	19-21			

Total Depth of Boring = 48.75 ft. bgs

Remarks:

CDM Federal Programs Corporation
107-F Corporate Blvd.,
South Plainfield, NJ 07080

Boring Name: MW-10D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1172.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
20	S-5	19 37	19-21			
21						
22			21-24			
23						
24		4			Gr C & S; freq seams of Dk gr C & freq seams of S Gray Clay & Silt; frequent seams of drk gray Clay and frequent seams of Silt, moist, Clay seams 1/16" thick	
25	S-6	5 6 6	24-26			
26						
27			26-29			
28						
29	S-7	2 3	29-31		as above, moist	
30						

Total Depth of Boring = 48.75 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-10D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1172.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
31	S-7	4 6	29-31			
32			31-34			
34	S-8	6 6 7 7	34-36		Gr C & $; freq seams $, occ seams $yC Gray Clay & Silt; frequent seams Silt, occasional seams Silty Clay, moist	
36			36-39			
39	S-9	4 5	39-41		Gr C & $, freq dk gr C seams and freq $ seams Gray Clay & Silt, frequent drk gray Clay seams and frequent Silt seams, moist, Clay seams = 1/4" thick	

Total Depth of Boring = 48.75 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-10D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Canterra CT-150

Ground Elevation (ft.): 1172.5
Date Started: 9/28/88
Date Finished: 9/28/88
Driller: M. Prueher
Inspector: R. Morse

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
41	S-9	5 4	39-41			
42			41-44			
43						
44						
45	S-10	5 5 5 7	44-46		Gr $ & C; freq $ seams and occ seams of Dk C Gray Silt & Clay; frequent Silt seams and occasional seams of drk Clay	
46					Gr Cy$ Gray Clayey Silt	
47		100/0.2	46-48.75			
48					Gr f S, Auger refuse @ 48', drive spoon from 48-48.2', spoon refusal at 48.2'	
49					Bedrock - Drk gray limestone	
50						

Total Depth of Boring = 48.75 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-11D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.1
Date Started: 9/21/88
Date Finished: 9/22/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	1 2 3 5	0-2		Lt bl $ (sludge deposit) Lt Blk Silt (sludge deposit), moist, lt blk clumps & sludge Lt br & Dk br & Lt brn Silt drk brn Silt Dk br C & S, occ lt bl clumps Drk brn Clay & Sand, occasional lt blk clumps, moist	
3	S-2	2 5 7 7	2-4		as above Lt br $ & C w Or streaks, mtld Lt brn Silt & Clay with Or streaks, medium, tr, little, d	
5	S-3	3 6 13 9	4-6		Br $ s(+), mf S, t f G Brn Silt & Clay, little, medium to fine Sand, tr f Gravel, wet	
7	S-4	6 6 18 24	6-8		Br cmf. S, l(+), $, t f G Brn, coarse, medium to fine Sand, little, Silt, trace, fine Gravel, wet, cobbles Bl c(+)mf. G l(+), cmf S Blk, coarse, some medium to fine, little Gravel, coarse, medium to fine Sand	
9	S-5	13 18 25 27	8-10		as above, wet, well-rounded cobble	

Total Depth of Boring = 30.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-11D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.1
Date Started: 9/21/88
Date Finished: 9/22/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-6	87 125/0.3	10-12		Lt br cmf S, s(+) mf G Lt brn, coarse, medium to fine Sand, some Silt, medium to fine Gravel, wet	
12						
13	S-7	100/0.5	12-14		Lt br & gr mf(+) G a(-), cmf S, l(-) $ & C Lt brn & gray, some medium to fine Gravel, and little, coarse, medium to fine Sand, little Silt and Clay, wet	
14						
15	S-8	73 33 29 35	14-16		Lt br, gr & Bk mf G s(+), cm S, l(-) $ Lt brn, gray & blk, medium to fine Gravel some, coarse to fine Sand, little Silt, wet, blk "sludge" coating, pebbles of lt brn siltstone	
16						
17	S-9	38 35 32 28	16-18		as above, wet	
18						
19	S-10	65 28 20 19	18-20		Dk gr mf G s(+), cmf S, t $ Drk, gray, some medium to fine Gravel, coarse, medium to fine Sand, tr Silt, wet	
20						

Total Depth of Boring = 30.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-11D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.1
Date Started: 9/21/88
Date Finished: 9/22/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
		40			as above, wet	
21	S-11	20 15 14	20-22		Lt br c(+)mf S, t f G Lt brn, some coarse, medium to fine Sand, tr, fine Gravel, wet	
22		9			Dk gr & Lt gr C & S, laminated Drk, gray & Lt gray Clay & Silt, laminated, moist to dry	
23	S-12	3 5 5	22-24			
24		3			Lt gr S & C t, f G Lt gray Silt & tr Clay, frequent Gravel, moist to wet	
25	S-13	4 5 5	24-26			
26		3			Lt gr C & S fr dk gr SyC seams, vvd Lt gray Clay & Silt w frequent drk, gray Silty Clay seams, varved, moist to wet	
27	S-14	4 4 4	26-28			
28		3			as above, occ lt gr S lyrs 29.0-30.0'	
29	S-15	3 6 17	28-30		as above, occasional lt gray Silt layers between 29-30', moist to wet	
30						

Total Depth of Boring = 30.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-11D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1173.1
Date Started: 9/21/88
Date Finished: 9/22/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
	S-16	100/0.1	30-30.5		Bedrock cuttings - Drk. gray Limestone, wet	
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						

Total Depth of Boring = 30.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 3/28/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-13D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1181.6
Date Started: 9/20/88
Date Finished: 9/20/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
1	S-1	1 2 5 6	0-2		Lt br Cy$ t, f S Lt brn Clayey Silt, trace, fine Sand, moist	
2						
3	S-2	9 10 14 14	2-4		Lt br Cy$ occ (1/2 - 1' thick) mf(+) S lyr Lt brn Clayey Silt, occasional (1/2 - 1' thick) medium fine Sand, layers, moist to wet	
4						
5	S-3	2 4 4 5	4-6		Lt br $ occ f S lyr Lt brn Silt occasional fine Sand layers, moist to wet	
6						
7	S-4	2 2 2 4	6-8		Lt br $, freq f S seams, vvd Lt brn Silt, frequent fine Sand seams, varved, moist	
8						
9	S-5	3 23 22 17	8-10		Gr m(+)f G l(+), cmf S, cemented Gry medium fine Gravel, little, coarse medium fine Sand, cemented, moist, well-rounded cobble 7.0 - 13.0'	
10						

Total Depth of Boring = 46.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/30/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-13D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1181.6
Date Started: 9/20/88
Date Finished: 9/20/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
11	S-6	26, 21, 24, 34	10-12		Gr mf G l(-), cmf S Gry medium to fine Gravel, little, coarse to fine Sand, wet	
12						
13	S-7	52, 36, 23, 17	12-14		No recovery Gr SyC l(-), f S Gry Silty Clay, little, fine Sand, wet	
14						
15	S-8	26, 14, 17, 12	14-16		Gr SyC l(-), f S Gry Silty Clay, little, fine Sand, wet	
16						
17	S-9	3, 3, 4, 4	16-18		as above, wet	
18						
19	S-10	3, 5, 5, 6	18-20		Gr SyC l(+), f S, t f G Gry Silty Clay, little, fine Sand, trace fine Gravel, wet	
20						

Total Depth of Boring = 46.5 ft. bgs

Remarks:

HITEMAN_HITEMAN.GPJ FEDERAL.GDT 4/30/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-13D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1181.6
Date Started: 9/20/88
Date Finished: 9/20/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
21	S-11	1 1 2 3	20-22		Gr SyC l(+), f S Gry Silty Clay, little, fine Sand, wet	
22						
23	S-12	1 1 1 1	22-24		Dk gr SyC t, f S, vvd Drk gry Silty Clay, trace, fine Sand, varved, moist, high plasticity	
24						
25	S-13	4 5 6 6	24-26		as above, wet	
26						
27	S-14	5 6 6 7	26-28		No recovery; No retainer in spoon	
28						
29	S-15	2 6 8 8	28-30		as above, wet	
30						

Total Depth of Boring = 46.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/30/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-13D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1181.6
Date Started: 9/20/88
Date Finished: 9/20/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4¼" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
31	S-16	1 1 2 1	30-32		as above, wet	
32						
33	S-17	3 5 7 7	32-34		as above, wet	
34						
35	S-18	1 5 5 7	34-36		Gr SyC t, f S vvd Gry Silty Clay, trace, fine Sand varved, wet to moist, varves 1/2" apart	
36						
37	S-19	2 2 2 3	36-38		as above, moist	
38						
39	S-20	2 3 5 6	38-40		Gr C & S l(+), f S, t f G, vvd Gry Clay & Silt, little, fine Sand, trace fine Gravel, varved, wet	
40						

Total Depth of Boring = 46.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/30/02

CDM Federal Programs Corporation
107-F Corporate Blvd.
South Plainfield, NJ 07080

Boring Name: MW-13D

Boring Location:

Client: GHR Engineering Associates
Project Location: West Winfield, NY

Project Name: Hiteman Leather Site
Project Number: 2006-9-631

Drilling Contractor: Wisconsin Test Drilling, Inc.
Drilling Method: Hollow Stem Auger
Drill Rig: Diedrich D-50

Ground Elevation (ft.): 1181.6
Date Started: 9/20/88
Date Finished: 9/20/88
Driller: J. Weeks
Inspector: T. Danahy

	Sample	Core	Casing
Type	SS		HSA
Diameter	2" O.D.		4½" I.D.
Weight	140#		
Fall	30"		

Depth (ft. bgs)	Sample Number	Blows per 6 inches	Recovery (ft)	Graphic Log	Material Description	Remarks
41	S-21	1 1 1 3	40-42		as above, wet to moist	
42	S-22	3 25	42-43.5		Gr mf(+) G s, mf S, t $ Gry medium fine Gravel some, medium fine Sand, trace Silt; slow penetraion, wet	
44	S-23	100/0.3 100/0.2	43.5-46.5		Bedrock - Drk Gry limestone chips in spoon; Diamond bit core 43.5 - 46.5'; Drk gry limestone with blk chert nodules, trace bryocoans, trace braciopods; Spoon & auger refused @ 43.5'	
47						
48						
49						
50						

Total Depth of Boring = 46.5 ft. bgs

Remarks:

HITEMAN HITEMAN.GPJ FEDERAL.GDT 4/30/02

Appendix G

APPENDIX G

MONITORING WELL DEVELOPMENT FORMS

- Existing Monitoring Wells
- Newly Installed Monitoring Wells

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/29/02 **WELL #:** RMW-4B

TOTAL DEVELOPMENT TIME: 2 hours 20 minutes **SCREEN INTERVAL:** 56-66' below ground surface

WEATHER CONDITIONS: Overcast, 32° F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	64-66'						
5	27.5	flowing	5.5	5.96	0.597	277	9.37	8.6	64-66
	Surge	Interval	62-64'						
10	55	flowing	5.5	6.77	0.572	615	9.27	8.8	62-64
15	82.5	flowing	5.5	7.02	0.575	274	9.34	8.6	62-64
20	110	flowing	5.5	7.31	0.552	273	9.32	8.7	62-64
	Surge	Interval	60-62'						
40	220	flowing	5.5	7.39	0.570	199	9.28	9.0	60-62
45	247.5	flowing	5.5	7.34	0.573	215	9.39	9.2	60-62
	Surge	Interval	58-60						
105	315	flowing	5.5	7.59	0.523	77	9.00	9.1	58-60
110	342.5	flowing	5.5	7.61	0.525	53	9.17	9.1	58-60
	Surge	Interval	56-58'						
115	370	flowing	5.5	7.55	0.504	175	9.11	9.2	56-58
120	397.5	flowing	5.5	7.55	0.493	153	8.88	9.4	56-58
125	425	flowing	5.5	7.50	0.520	80	8.76	9.1	56-58
Well Development completed at 15:03									

Notes: Begin purging at 12:55
Generator dies 13:45, get new generator and restart purging at 14:35
Total Volume purged = 425 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/07/02 **WELL #:** RMW-9D

TOTAL DEVELOPMENT TIME: 10 hours 20 minutes **SCREEN INTERVAL:** 36-46' below ground surface

WEATHER CONDITIONS: Overcast, 60° F **DEVELOPMENT TEAM:** L. Campbell/ M. Akbar

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
1	1	flowing	1.0	6.96	1.20	999	12.61	11.3	44-46
5	5	flowing	1.0	7.72	0.944	999	12.00	11.8	44-46
15	15	flowing	1.0	7.94	0.875	999	11.34	12.1	44-46
25	25	flowing	1.0	8.07	0.849	999	10.34	13.9	44-46
35	35	flowing	1.0	8.02	0.811	999	10.02	14.5	44-46
45	45	flowing	1.0	8.15	0.803	999	10.25	14.1	44-46
60	60	flowing	1.0	8.01	1.08	890	10.01	14.5	44-46
	Surge	Interval	43-46'						
100	65		2-3	7.96	0.999	999	11.46	12.2	43-46
110	85		1-2	8.16	0.857	999	11.49	12.0	43-46
	Surge	Interval	40-43'						
145	120		1-2	8.27	0.772	999	11.53	13.1	40-43
155	140		1-2	8.25	0.778	999	11.41	13.5	40-43
180	190		0.5	8.45	0.865	999	9.71	16.4	40-43
195	210		0.5	8.23	0.916	999	9.36	17.3	40-43
225	225		1-2	8.41	0.727	999	11.06	15.0	40-43
	Well	Dry							

Notes: Begin purging at 8:14, when surging 43-46' pump binds up due to silt content in water, open pump and flush with water
Restart purging at 13:00

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/07/02 **WELL #:** RMW-9D

TOTAL DEVELOPMENT TIME: 10 hours 20 minutes **SCREEN INTERVAL:** 36-46' below ground surface

WEATHER CONDITIONS: Overcast, 60° F **DEVELOPMENT TEAM:** L. Campbell/ M. Akbar

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
285	250		2-3	8.18	0.831	999	10.92	14.3	40-43
295	278		2-3	8.20	0.724	999	11.45	12.6	40-43
315	305		2-3	8.19	0.762	999	11.22	13.2	40-43
325	330		2-3	8.22	0.784	999	11.33	13.4	40-43
345	380		2-3	8.26	0.806	999	11.71	13.2	40-43
355	420		2-3	8.26	0.801	999	11.34	13.4	40-43
365	440		2-3	8.26	0.753	999	11.15	13.3	40-43
375	-		2-3	8.25	0.814	999	11.11	13.3	40-43
385	485		2-3	8.28	0.814	200	11.35	13.4	40-43
	Surge	Interval	36-40						
445	515		2-3	8.28	0.796	999	11.54	13.3	36-40
455	540		2-3	8.17	0.818	999	11.15	13.2	36-40
510	-		2-3	8.22	0.825	999	11.45	12.9	36-40
525	615		2-3	8.23	0.785	999	11.46	12.7	36-40
	Surged	Interval	36-40'						
545	660		2-3	8.23	0.797	999	11.70	12.5	36-40
605	700		2-3	8.33	0.840	999	11.72	12.4	36-40

Notes: Restart purging at 15:10

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/07/02 **WELL #:** RMW-9D

TOTAL DEVELOPMENT TIME: 10 hours 20 minutes **SCREEN INTERVAL:** 36-46' below ground surface

WEATHER CONDITIONS: Overcast, 60^{O} F **DEVELOPMENT TEAM:** L. Campbell/ M. Akbar

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min))	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
615	725		2-3	8.21	0.830	999	11.70	12.4	40-44
620	740		2-3	8.19	0.850	999	11.71	12.3	40-44
Well Development completed at 16:55									

Notes: Total Volume purged = 740 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/29/02 - 04/30/02 **WELL #:** RMW-11B

TOTAL DEVELOPMENT TIME: 5 hours **SCREEN INTERVAL:** 56-66' below ground surface

WEATHER CONDITIONS: Overcast, 32° F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	64-66						
5	22		4-5	7.50	0.636	999	8.72	7.8	64-66
10	44		4-5	7.52	0.611	999	8.52	7.9	64-66
15	56		2-3	7.49	0.625	999	8.24	8.7	64-66
20	68		2-3	7.49	0.645	999	8.17	8.9	64-66
25	80		2-3	7.65	0.677	999	8.20	9.2	64-66
30	92		1-2	7.67	0.685	999	8.02	9.5	64-66
35	114		1-2	7.64	0.656	782	8.10	9.5	64-66
40	126		1-2	7.63	0.656	485	8.00	9.7	64-66
45	140		1-2	7.60	0.655	398	8.03	9.5	64-66
	Surge	Interval	62-64'						
50	154		1-2	7.63	0.656	302	7.71	9.8	62-64
55	170		1-2	7.67	0.659	826	7.95	9.4	62-64
60	182		1-2	7.64	0.658	598	8.03	9.7	62-64
	Surge	Interval	60-62'						
65	194		1-2	7.61	0.661	999	7.76	9.9	60-62
75	214		1-2	7.62	0.662	999	7.78	9.9	60-62
80	226		1-2	7.61	0.659	515	8.17	9.4	60-62

Notes: Begin purging at 15:50 on 04/29/02

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/29/02 - 04/30/02 **WELL #:** RMW-11B

TOTAL DEVELOPMENT TIME: 5 hours **SCREEN INTERVAL:** 56-66' below ground surface

WEATHER CONDITIONS: Overcast, 32^{O} F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{O}C)	PUMP LOCATION (ft btic)
85	236		1-2	7.60	0.654	370	8.12	9.5	60-62
	Surge	Interval	58-60'						
90	248		1-2	7.57	0.622	999	8.13	8.7	58-60
95	260		1-2	7.61	0.598	999	8.05	9.1	58-60
100	272		1-2	7.56	0.580	999	8.17	9.3	58-60
	Surge	Interval	56-58'						
105	280		1-2	7.60	0.562	999	7.81	7.86	58-60
110	290		1-2	7.55	0.555	999	7.86	9.4	58-60
	Surge	Interval	64-66'						
120	320		3-4	6.38	0.569	999	12.80	10.4	64-66
125	340		3-4	6.94	0.478	645	12.14	10.3	64-66
130	360		3-4	7.11	0.477	430	12.48	10.0	64-66
135	380		3-4	7.13	0.476	248	12.32	10.1	64-66
140	400		3-4	7.23	0.475	245	12.27	10.1	64-66
145	420		3-4	7.24	0.478	281	11.95	10.1	64-66
150	440		3-4	7.29	0.471	250	11.82	10.0	64-66
155	460		3-4	7.31	0.476	163	12.02	9.8	64-66
160	480		3-4	7.34	0.475	139	11.97	9.8	64-66

Notes: Shut down pump at 17:50 on 04/29/02 for the day

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/29/02 - 04/30/02 **WELL #:** RMW-11B

TOTAL DEVELOPMENT TIME: 5 hours **SCREEN INTERVAL:** 56-66' below ground surface

WEATHER CONDITIONS: Overcast, 32° F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
165	500		3-4	7.34	0.474	102	11.92	9.8	64-66
	Surge	Interval	62-64'						
170	520		3-4	7.39	0.476	999	11.77	9.8	62-64
175	540		3-4	7.36	0.477	477	11.81	9.9	62-64
180	560		3-4	7.36	0.475	206	11.65	10.0	62-64
185	575		3-4	7.43	0.475	114	11.96	10.0	62-64
	Surge	Interval	60-62'						
210	585		1-2	7.55	0.476	999	11.10	10.0	60-62
215	592		1-2	7.54	0.474	573	11.68	10.5	60-62
220	600		1-2	7.61	0.472	207	11.40	10.7	60-62
225	607		1-2	7.57	0.472	136	12.25	10.9	60-62
230	625		3-4	7.50	0.474	179	12.41	10.5	60-62
235	642		3-4	7.45	0.474	107	12.20	10.5	60-62
240	660		3-4	7.45	0.475	91	12.50	10.5	60-62
	Surge	Interval	58-60						
245	678		3-4	7.48	0.471	999	11.99	10.2	58-60
250	696		3-4	7.50	0.473	999	11.85	10.4	58-60
255	714		3-4	7.55	0.473	657	11.60	10.2	58-60

Notes:

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/29/02 - 04/30/02 **WELL #:** RMW-11B

TOTAL DEVELOPMENT TIME: 5 hours **SCREEN INTERVAL:** 56-66' below ground surface

WEATHER CONDITIONS: Overcast, 32° F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
260	732		3-4	7.49	0.471	254	11.61	10.5	58-60
265	750		3-4	7.43	0.475	171	11.95	10.5	58-60
270	770		3-4	7.50	0.474	140	12.10	10.2	58-60
275	790		3-4	7.54	0.473	245	11.69	10.3	58-60
	Surge	Interval	56-58'						
280	810		3-4	7.55	0.473	999	11.46	10.4	56-58
285	828		3-4	7.51	0.476	607	11.89	10.2	56-58
290	848		3-4	7.55	0.475	455	12.14	10.0	56-58
295	860		3-4	7.50	0.475	225	11.56	9.9	56-58
300	875		3-4	7.45	0.475	172	11.44	10.0	56-58
Well Development completed at 11:01									

Notes: Total Volume purged = 875 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/30/02 **WELL #:** RMW-11D

TOTAL DEVELOPMENT TIME: 5 hours 10 minutes **SCREEN INTERVAL:** 25-35' below ground surface

WEATHER CONDITIONS: Overcast, 42° F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	33-35'						
5	11		2	7.90	0.422	188	11.24	9.8	33-35
10	22		2	7.61	0.424	667	11.18	10.1	33-35
15	33		2	7.56	0.424	483	11.18	10.0	33-35
30	44		2	7.59	0.423	436	12.07	9.5	33-35
45	77		2	7.65	0.424	420	11.91	8.0	33-35
50	88		2	7.58	0.422	999	11.34	9.1	33-35
55	99		2	7.55	0.422	420	11.38	9.0	33-35
60	110		2	7.56	0.420	487	11.32	9.1	33-35
65	121		2	7.50	0.421	609	11.28	9.2	33-35
70	132		2	7.43	0.424	192	11.26	9.3	33-35
80	154		2	7.55	0.419	530	11.32	8.7	33-35
85	165		2	7.40	0.421	371	11.11	9.4	33-35
90	176		2	7.46	0.420	381	11.23	9.2	33-35
	Surge	Interval	31-33'						
95	187			7.49	0.423	999	11.19	9.2	31-33
100	198		2	7.45	0.426	999	11.10	9.5	31-33

Notes: Begin purging at 12:30
Generator shuts down (out of oil) at 12:50, restart purging at 12:55

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/30/02 **WELL #:** RMW-11D

TOTAL DEVELOPMENT TIME: 5 hours 10 minutes **SCREEN INTERVAL:** 25-35' below ground surface

WEATHER CONDITIONS: Overcast, 42° F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
105	209		2	7.44	0.426	806	11.36	9.5	31-33
110	220		2	7.54	0.425	751	11.16	9.4	31-33
115	231		2	7.52	0.427	335	11.24	9.4	31-33
120	242		2	7.48	0.427	232	11.30	9.7	31-33
125	253		2	7.47	0.427	225	11.38	9.9	31-33
130	264		2	7.52	0.426	165	11.78	9.8	31-33
135	275		2	7.44	0.427	196	11.71	10.0	31-33
	Surge	Interval	29-31'						
160	315		3	7.50	0.428	999	12.22	10.1	29-31
165	331		3	7.55	0.429	999	12.51	10.4	29-31
170	346		3	7.59	0.429	523	13.21	10.4	29-31
175	362		3	7.48	0.427	383	13.31	10.1	29-31
180	377		3	7.45	0.424	313	12.77	10.2	29-31
185	393		3	7.47	0.427	278	13.22	9.7	29-31
190	408		3	7.45	0.426	219	13.23	9.7	29-31
195	424		3	7.50	0.426	176	12.80	9.4	29-31

Notes: Restart purging at 15:05

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/30/02 **WELL #:** RMW-11D

TOTAL DEVELOPMENT TIME: 5 hours 10 minutes **SCREEN INTERVAL:** 25-35' below ground surface

WEATHER CONDITIONS: Overcast, 42° F **DEVELOPMENT TEAM:** A. Dodge

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	27-29'						
200	439		3	7.45	0.423	999	12.75	9.6	27-29
205	455		3	7.50	0.427	999	13.00	9.8	27-29
210	470		3	7.48	0.427	543	13.26	10.0	27-29
215	486		3	7.52	0.426	514	13.47	10.1	27-29
220	501		3	7.51	0.426	673	13.68	10.0	27-29
225	517		3	7.51	0.427	165	13.75	9.9	27-29
230	532		3	7.60	0.426	441	13.86	9.7	27-29
235	548		3	7.47	0.426	448	13.73	9.7	27-29
	Surge	Interval	25-27'						
240	563		3	7.51	0.424	999	13.04	9.6	25-27
245	580		3	7.45	0.425	999	12.65	9.6	25-27
290	615		3	7.52	0.429	260	13.93	10.1	25-27
295	630		3	7.47	0.428	170	13.30	10.0	25-27
300	645		3	7.50	0.427	275	13.25	10.1	25-27
305	650		3	7.56	0.427	159	13.52	10.1	25-27
Well Development completed at 17:40									

Notes: Restart pump at 17:15, total volume purged = 650 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16S

TOTAL DEVELOPMENT TIME: 5 hours 10 minutes **SCREEN INTERVAL:** 7-17' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	13-17'						
5	3	8	0.5	8.09	1.25	999	9.98	20.6	14-16
115	5	8	0.5	7.95	1.27	999	10.40	21.4	14-16
120	8	8	0.75	8.01	1.32	999	14.81	11.8	14-16
125	12	9	0.75	8.07	1.33	999	15.27	11.0	14-16
130	16	9	0.75	7.95	1.34	992	14.16	12.5	14-16
135	19	10	0.75	7.81	1.34	859	14.10	12.6	14-16
140	23	10	0.75	7.79	1.34	542	13.31	13.2	14-16
145	28	9	0.75	7.88	1.36	422	13.70	13.2	14-16
150	31	9	0.75	7.98	1.35	266	12.61	14.7	14-16
	Surge	Interval	13-17'						
160	32	9	0.75	7.83	1.36	663	11.87	16.3	14-16
165	36	9	0.75	7.84	1.35	404	11.20	16.6	14-16
170	39	9	0.75	7.89	1.33	329	11.17	16.5	14-16
	Surge	Interval	9-13'						
175	43	9	0.75	7.88	1.30	999	11.07	16.8	11-13
180	47	10	0.75	8.04	1.35	867	13.12	13.1	11-13

Notes: Begin purging at 10:50
Well ran dry at 10:57, shut down pump, restart at 12:41

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16S

TOTAL DEVELOPMENT TIME: 5 hours 10 minutes **SCREEN INTERVAL:** 7-17' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
185	50	10	0.75	8.02	1.36	649	14.22	11.8	11-13
190	54	10	0.75	7.91	1.36	472	13.15	12.8	11-13
	Surge	Interval	9-13'						
197	58	9	0.75	8.01	1.31	999	12.80	13.3	11-13
202	61	9	0.75	7.97	1.34	812	12.76	12.3	11-13
207	64	10	0.75	7.99	1.34	776	12.69	12.2	11-13
212	67	9	0.75	8.01	1.34	622	12.22	12.4	11-13
217	70	10	0.75	8.14	1.35	503	11.76	13.0	11-13
222	73	10	0.75	8.19	1.34	459	11.18	13.2	11-13
227	77	11	0.75	8.22	1.34	345	10.79	13.4	11-13
	Surge	Interval	9-13'						
275	78	9	0.75	8.00	1.36	999	15.63	12.9	11-13
280	81	9	0.75	8.04	1.35	990	14.90	12.6	11-13
285	84	9	0.75	8.06	1.35	446	14.96	12.1	11-13
290	87	9	0.75	8.06	1.35	172	14.97	11.2	11-13
	Surge	Interval	9-17'						

Notes: Restart purging at 15:10

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16S

TOTAL DEVELOPMENT TIME: 5 hours 10 minutes **SCREEN INTERVAL:** 7-17' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
295	90	10	0.75	7.99	1.36	599	15.42	10.9	11-13
300	95	10	0.75	7.87	1.36	406	14.98	10.2	11-13
305	98	10	0.75	7.97	1.36	351	14.85	10.2	11-13
310	100	11	0.75	7.95	1.36	212	14.71	10.4	11-13
Well Development completed at 16:00									

Notes: Total Volume purged = 100 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16D

TOTAL DEVELOPMENT TIME: 10 hours 20 minutes **SCREEN INTERVAL:** 55-65' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	60-65'						
5	10	40	2-3	8.51	0.741	999	12.44	11.3	63-65
15	20	48	2-3	8.48	0.732	999	12.42	10.9	63-65
25	40	53	2-3	8.46	0.647	667	11.78	12.0	63-65
30	50	60	2-3	8.45	0.642	502	11.59	11.8	63-65
	Surge	Interval	60-65'						
130	60	24	2	8.61	0.564	999	14.83	12.9	63-65
135	70	40	2	8.45	0.534	503	14.02	12.4	63-65
140	80	45	2	8.11	0.589	942	13.31	13.6	63-65
150	100	50	1	8.12	0.584	999	12.45	15.0	63-65
160	110	55	1	8.35	0.549	662	13.02	14.1	63-65
170	120	60	2	8.39	0.515	750	13.00	14.4	63-65
180	130	63	2	8.58	0.505	414	12.55	14.7	63-65
	Surge	Interval	58-62'						
295	140	17	1	8.62	0.544	999	14.25	13.1	60
305	150	24	1	8.29	0.523	999	14.01	13.6	60
315	160	34	1	8.35	0.536	999	13.72	12.9	60

Notes: Begin purging at 10:40, well purged dry at 11:12, let recharge, begin purging again at 12:50
Well purged dry again at 13:41, let recharge, begin purging again at 15:20

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16D

TOTAL DEVELOPMENT TIME: 10 hours 20 minutes **SCREEN INTERVAL:** 55-65' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
325	170	48	1	8.32	0.549	999	13.44	12.5	60
335	180	55	1	8.39	0.517	999	12.68	13.0	60
345	190	60	1	8.31	0.513	904	12.60	13.1	62
355	200	60	1	8.29	0.510	709	12.49	13.0	62
375	215	61	1	8.24	0.511	562	12.45	13.0	62
380	230	62	1	8.20	0.507	446	12.31	12.8	63
395	245	63	1	8.19	0.504	863	12.30	12.8	63
	Surge	Interval	55-58'						
435	260	53	1	8.48	0.560	999	13.82	12.4	63
450	265	59	1	8.22	0.533	999	12.89	12.1	63
455	270	63	1	8.18	0.530	999	12.76	12.0	64
500	275	35	1	8.32	0.549	999	13.54	10.9	57
510	295	42	1-2	8.40	0.557	999	12.03	11.8	57
520	315	48	1-2	8.38	0.558	890	8.94	12.6	57
530	335	52	1-2	8.37	0.559	576	8.88	13.0	57

Notes: Well purged dry at 17:30, let well recharge, begin purging again at 17:50
Well purged dry at 18:16, let well recharge, begin purging again at 18:55

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16D

TOTAL DEVELOPMENT TIME: 10 hours 20 minutes **SCREEN INTERVAL:** 55-65' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
540	355	52	1-2	8.36	0.562	999	8.92	12.9	57
550	375	52	1-2	8.34	0.560	932	9.14	12.9	57
560	395	52	1-2	8.37	0.555	760	9.06	13.2	57
Well Development completed at 20:00									

Notes: Total volume purged = 395 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16B

TOTAL DEVELOPMENT TIME: 1 hour 36 minutes **SCREEN INTERVAL:** 76-86' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
5	10	6	3-4	7.09	0.793	269	11.49	9.9	83-85
	Surge	Interval	82-86'						
15	50	6	3-4	7.62	0.717	999	11.09	10.2	83-85
20	65	6	2	8.05	0.695	459	11.22	10.4	83-85
25	75	6	2	8.06	0.692	277	11.19	10.4	83-85
30	85	5	2	8.08	0.704	66	10.84	11.1	83-85
	Surge	Interval	82-86'						
35	100	6	3	8.11	0.707	56	10.76	11.3	83-85
40	110	6	2	8.14	0.713	555	11.26	10.7	83-85
45	120	6	2	8.22	0.706	141	11.24	10.6	83-85
	Surge	Interval	79-83'						
50	125	11	2	8.23	0.705	304	10.99	10.7	80-82
55	135	10	2	8.19	0.709	138	10.97	10.9	80-82
60	145	11	2	8.18	0.708	94	11.02	10.9	80-82
	Surge	Interval	76-80'						
65	155	11	2	8.24	0.717	432	10.17	11.3	77-79
70	165	12	2	8.22	0.709	223	10.82	10.5	77-79

Notes: Begin purging at 8:30

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/08/02 **WELL #:** RMW-16B

TOTAL DEVELOPMENT TIME: 1 hour 36 minutes **SCREEN INTERVAL:** 76-86' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60^{O} F **DEVELOPMENT TEAM:** L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min))	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
75	175	12	2	8.26	0.715	176	10.77	10.6	77-79
80	185	12	2	8.03	0.701	95	10.86	10.2	77-79
	Surge	Interval	76-80'						
86	195	12	2	8.14	0.712	298	10.89	10.9	76-78
90	205	12	2	7.93	0.710	129	11.06	9.5	76-78
95	225	12	2	8.00	0.709	78	10.90	10.0	76-78
Well Development completed at 10:06									

Notes: Total Volume purged = 227 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/06/02 **WELL #:** RMW-17S

TOTAL DEVELOPMENT TIME: 3 hours 20 minutes **SCREEN INTERVAL:** 14-24' below ground surface

14WEATHER CONDITIONS: Mostly sunny, 60^{O} F **DEVELOPMENT TEAM:** M. Akbar

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	22-24'						
5	4	19	0.75	6.87	1.91	999	13.56	14.4	22-24
10	8	19	0.5	7.56	3.14	999	14.2	14.1	22-24
45	40	19	0.5	8.11	4.75	999	12.37	17.3	22-24
50	47	19	0.5	8.17	4.82	999	12.04	17.4	22-24
60	55	20	0.5	8.25	4.89	999	13.21	16.9	22-24
65	58	20	0.5	8.27	4.56	999	12.17	17.7	22-24
75	65	20	1.0	8.31	4.85	518	13.27	17.8	22-24
90	80	20	1.0	8.16	4.89	278	12.52	17.6	22-24
	Surge	Interval	22-24'						
120	110	21	1.0	8.25	4.88	999	14.99	17.2	22-24
135	125	21	1.0	8.12	4.85	803	16.45	18.9	22-24
150	140	21	1.0	8.42	4.94	610	13.26	18.1	22-24
165	155	22	0.75	8.39	4.94	490	14.26	18.0	22-24
175	162	21	0.75	8.38	4.96	781	14.10	18.1	22-24
185	170	21	0.75	8.49	5.00	463	12.94	20.5	22-24
200	175	21	0.75	8.45	4.99	266	13.05	19.6	22-24
Well Development Completed at 14:50									

Notes: Begin purging at 11:30
Total Volume purged = 175 gallons, rotten egg odor noted

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/02 and 05/09/02 **WELL #:** RMW-18S

TOTAL DEVELOPMENT TIME: 7 hours 50 minutes **SCREEN INTERVAL:** 5-15' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** A. Dodge/ L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	13-15'						
5	12		2-3	6.13	0.820	999	12.65	9.7	13-15
10	25		2-3	6.99	0.760	999	12.54	10.2	13-15
15	37		2-3	7.20	0.758	999	12.94	10.1	13-15
20	50		2-3	7.28	0.756	999	12.89	10.2	13-15
25	62		2-3	7.30	0.754	999	13.20	10.1	13-15
30	75		2-3	7.39	0.757	999	12.79	10.0	13-15
35	87		2-3	7.41	0.756	999	12.40	9.9	13-15
40	100		2-3	7.40	0.758	999	12.61	10.2	13-15
45	112		2-3	7.43	0.757	970	12.70	10.2	13-15
50	125		2-3	7.44	0.755	831	13.07	10.5	13-15
55	137		2-3	7.50	0.752	753	13.23	10.5	13-15
60	150		2-3	7.50	0.752	809	13.24	10.9	13-15
65	167		2-3	7.53	0.753	660	13.28	10.7	13-15
70	175		2-3	7.52	0.754	620	13.41	10.6	13-15
	Surge	Interval	13-15'						
75	187		2-3	7.38	0.735	999	13.35	11.1	13-15

Notes: Begin purging at 8:20 on 5/01/02

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/02 and 05/09/02 **WELL #:** RMW-18S

TOTAL DEVELOPMENT TIME: 7 hours 50 minutes **SCREEN INTERVAL:** 5-15' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** A. Dodge/ L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
80	200		2-3	7.43	0.756	999	13.32	10.6	13-15
85	220		2-3	7.50	0.748	999	12.78	10.4	13-15
90	240		2-3	7.46	0.753	999	12.86	10.2	13-15
95	260		2-3	7.45	0.755	999	12.82	10.1	13-15
100	275		1-1.5	7.42	0.757	885	12.22	10.8	13-15
105	280		1-1.5	7.53	0.755	738	12.43	10.8	13-15
110	285		1-1.5	7.54	0.756	605	12.41	11.4	13-15
115	290		1-1.5	7.56	0.754	501	12.54	10.8	13-15
120	295		1-1.5	7.53	0.752	437	12.31	10.9	13-15
	Surge	Interval	13-15'						
150	310		1-1.5	7.36	0.757	999	11.82	10.1	13-15
155	315		1-1.5	7.42	0.758	999	12.18	10.0	13-15
160	320		1-1.5	7.44	0.756	999	11.97	10.4	13-15
165	325		1-1.5	7.41	0.760	999	11.14	11.5	13-15
180	330		1-1.5	7.43	0.761	999	11.32	11.1	13-15
185	335		1-1.5	7.43	0.757	999	11.24	11.6	13-15
Well Development stopped at 11:30 on 05/01/02 due to generator problems									

Notes:

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/02 and 05/09/02 **WELL #:** RMW-18S

TOTAL DEVELOPMENT TIME: 7 hours 50 minutes **SCREEN INTERVAL:** 5-15' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** A. Dodge/ L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	10-15'						
200	345	5	1.0	7.08	1.30	999	12.04	13.6	14
210	355	5	1.0	6.82	1.31	999	11.33	12.9	14
220	365	5	1.0	6.51	1.28	999	10.95	11.6	14
230	375	4	1.0	7.00	1.23	999	10.03	11.4	14
240	385	4	1.0	7.07	1.23	884	9.12	11.4	14
250	400	4	1.5	7.09	1.22	856	9.62	11.9	14
260	410	4	1.0	7.26	1.23	474	10.20	10.6	14
270	420	4	1.0	7.41	1.23	155	10.11	10.3	14
	Surge	Interval	10-15'						
280	425	4	1-2	7.22	1.21	999	10.08	10.7	14
290	475	4	5	7.23	1.23	876	10.67	9.8	14
335	505	5	2.0	7.11	1.24	999	10.25	9.5	14
345	515	5	8.0	7.04	1.24	504	10.25	9.7	14
355	595	5	8.0	7.00	1.25	9	10.23	9.6	14
	Surge	Interval	5-10'						
400	605	5	5.0	7.04	1.24	999	10.35	10.0	8
405	635	5	6.0	7.14	1.24	798	10.76	9.9	8

Notes: Start purging at 8:40 on 05/09/02

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/02 and 05/09/02 **WELL #:** RMW-18S

TOTAL DEVELOPMENT TIME: 7 hours 50 minutes **SCREEN INTERVAL:** 5-15' below ground surface

WEATHER CONDITIONS: Mostly sunny, 60° F **DEVELOPMENT TEAM:** A. Dodge/ L. Campbell

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
410	675	5	8.0	7.15	1.24	462	10.91	9.8	8
	Surge	Interval	5-10'						
430	685	5	8.0	7.31	1.24	999	10.78	10.5	8
440	745	5	6-8	7.22	1.24	999	10.20	10.0	8
450	815	5	6-8	7.12	1.22	796	11.48	9.5	8
460	855	5	6-8	7.06	1.25	400	11.13	9.4	8
465	915	5	6-8	7.05	1.24	120	10.82	9.5	8
470	955	5	6-8	7.05	1.26	10	10.79	9.9	8
Well Development completed at 12:30 on 5/09/02									

Notes: Total Volume purged = 955 gallons

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/09/02 **WELL #:** RMW-18D

TOTAL DEVELOPMENT TIME: 6 hours 5 minutes **SCREEN INTERVAL:** 19-29' below ground surface

WEATHER CONDITIONS: Overcast, 45° F **DEVELOPMENT TEAM:** L. Campbell/ M. Akbar

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	24-29'						
10	10	4	1	8.04	0.925	999	10.45	13.3	28
20	20	12	1	7.96	0.901	999	10.23	13.3	28
30	30	16	1	7.54	0.843	871	9.76	12.6	28
40	40	18	1	7.15	0.723	682	9.64	12.5	28
50	50	18	1-2	7.44	0.614	619	9.72	11.5	28
60	65	18	1-2	7.55	0.603	598	9.97	11.8	28
70	75	18	1-2	7.62	0.612	520	9.34	11.8	28
80	85	18	1-2	7.44	0.604	403	9.49	11.6	28
90	95	18	1.0	7.56	0.622	305	9.20	11.9	28
	Surge	Interval	24-29'						
100	105	18	1-2	7.72	0.610	999	9.47	11.7	28
110	120	22	1.0	7.37	0.662	999	9.61	10.8	28
140	150	2	1.0	7.89	0.800	999	10.10	10.8	28
150	160	3	1.0	7.28	0.773	999	9.86	10.7	28
160	170	4	1.0	7.21	0.802	999	9.33	11.4	28
170	200	5	2	7.10	0.796	999	8.69	12.9	28
180	225	5	2-3	7.22	0.760	999	9.21	12.4	28

Notes: Begin purging at 8:25

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/09/02 **WELL #:** RMW-18D

TOTAL DEVELOPMENT TIME: 6 hours 5 minutes **SCREEN INTERVAL:** 19-29' below ground surface

WEATHER CONDITIONS: Overcast, 45° F **DEVELOPERMENT TEAM:** L. Campbell/ M. Akbar

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
190	255	8	2-3	7.31	0.695	910	10.41	10.3	28
	Surge	Interval	24-29'						
210	260	4	2	7.76	0.774	999	10.63	10.6	21
220	270	10	2	7.42	0.769	999	10.59	10.7	21
230	277	12	1-2	7.30	0.764	999	10.22	10.7	21
240	285	19	1-2	7.21	0.766	946	10.08	10.7	21
250	295	25	1-2	7.33	0.676	860	10.60	10.5	26
	Surge	Interval	19-24'						
295	335	4	3	7.68	0.797	999	10.66	10.8	21
310	375	12	3	7.42	0.753	999	10.64	10.5	21
325	405	19	3	7.28	0.722	999	10.77	10.4	21
340	445	22	3	7.27	0.708	999	10.62	10.5	21
355	470	22	3	7.30	0.747	999	10.91	10.4	21
370	500	22	3	7.47	0.695	999	11.48	10.1	21
	Surge	Interval	24-29'						
415	525	4	3	7.30	0.767	999	11.40	10.8	28
430	565	4.5	2.5	7.15	0.770	999	11.52	10.5	28
445	615	4.5	2.5	7.18	0.764	999	11.31	10.5	28

Notes:

NEW MONITORING WELL DEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/09/02 **WELL #:** RMW-18D

TOTAL DEVELOPMENT TIME: 6 hours 5 minutes **SCREEN INTERVAL:** 19-29' below ground surface

WEATHER CONDITIONS: Overcast, 45° F **DEVELOPERMENT TEAM:** L. Campbell/ M. Akbar

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
460	660	6.5	3	7.20	0.768	999	11.42	10.4	28
	Surge	Interval	19-24'						
470	690	6.5	3	7.14	0.762	999	11.43	10.4	21
480	720	6.5	3	7.18	0.767	999	11.53	10.4	21
	Surge	Interval	24-29'						
485	760	23	8	7.21	0.751	999	11.52	10.2	28
Well Development completed at 16:25									

Notes: Total Volume purged = 760 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/30/01 **WELL #:** MW-2S

TOTAL DEVELOPMENT TIME: 2 hours 20 minutes **SCREEN INTERVAL:** 10-20' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	18 – 20						
5	2.5	13.48	0.5	6.54	0.722	69	14.10	12.9	18-20
	Surge	Interval	14 - 16						
15	5	13.49	0.5	6.70	0.708	53	14.73	11.2	14-16
	Surge	Interval	16 -18						
22	8	13.5	2.5	6.65	0.712	98	16.31	9.9	16-18
	Surge	Interval	18-20						
30	25	13.50	3.2	6.71	0.719	101	14.89	10.3	18-20
41	55	13.51	5.0	6.62	0.732	102	15.34	8.6	18-20
62	80	13.51	5.0	6.69	0.730	99	16.69	8.8	18-20
100	130	13.49	2.0	6.83	0.730	173	14.91	8.9	18-20
111	150	13.49	2.0	6.77	0.725	75	15.25	8.5	18-20
120	165	13.49	2.0	6.67	0.715	78	15.27	8.2	18-20
125	175	13.50	2.0	6.64	0.720	99	15.30	8.1	18-20
130	185	-	2.0	6.60	0.724	18	15.89	7.8	18-20
132	189	13.48	2.0	6.63	0.721	14	15.99	7.8	18-20
Well Development completed at 18:20									

Notes: Begin purging at 16:00
Total Volume Purged = 205 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/03/01 **WELL #:** MW-3S

TOTAL DEVELOPMENT TIME: 1 hour **SCREEN INTERVAL:** 4.5-9.5' below ground surface

WEATHER CONDITIONS: Sunny, 88^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	7.0 – 9.5						
7	10	4.80	-	6.92	0.97	999	19.80	12.3	7.0-9.5
14	15	4.70	2.61	6.88	0.98	999	18.46	11.6	7.0-9.5
20	30	-	-	6.79	0.97	999	16.72	10.7	7.0-9.5
25	40	4.76	-	6.73	0.98	999	15.88	10.8	7.0-9.5
30	50	4.76	-	6.65	0.98	999	15.76	10.7	7.0-9.5
36	57	4.76	-	6.67	1.00	227	16.06	10.7	7.0-9.5
	Surge	Interval	4.5 – 7.0						
40	66	4.80	2.54	6.73	1.00	999	16.25	10.3	4.5-7.0
45	74	4.75	-	6.71	0.99	999	15.78	10.4	4.5-7.0
51	84	4.78	-	6.67	1.00	999	15.75	10.2	4.5-7.0
57	93	4.76	2.57	6.65	0.80	110	15.65	10.3	4.5-7.0
Well Development completed at 13:31									

Notes: Begin purging at 12:31
Total Volume purged = 101gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-4S

TOTAL DEVELOPMENT TIME: 1 hour 13 minutes **SCREEN INTERVAL:** 4-14' below ground surface

WEATHER CONDITIONS: Sunny, 80° F **DEVELOPMENT TEAM:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
8	7	4.60	2.46	7.16	0.571	999	17.84	11.3	12-14
15	20	-	-	6.96	0.587	999	18.56	9.5	12-14
19	40	4.60	2.84	6.98	0.589	999	18.47	9.0	12-14
24	55	-	-	6.95	0.590	999	18.25	8.6	12-14
	Surge	Interval	12-14'						
28	65	4.60	-	6.93	0.587	999	18.20	8.7	12-14
33	74	4.58	2.31	6.89	0.593	999	18.76	8.6	12-14
38	86	-	-	6.86	0.589	999	17.90	8.6	12-14
	Surge	Interval	10-12'						
40	89	4.60	2.29	6.83	0.589	999	17.65	8.5	10-12
45	98	-	-	6.81	0.587	999	17.81	8.4	10-12
49	107	4.60	-	6.82	0.589	999	17.67	8.6	10-12
	Surge	Interval	8-10'						
52	109	-	-	6.84	0.588	999	17.52	8.6	8-10
56	120	4.60	2.27	6.81	0.587	999	17.59	8.6	8-10
60	129	-	-	6.83	0.587	999	17.49	8.5	8-10
	Surge	Interval	4.6-8'						
63	137	4.60	-	6.84	0.589	999	17.42	8.4	4.6-8

Notes: Begin purging at 14:51

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-4S

TOTAL DEVELOPMENT TIME: 1 hour 13 minutes **SCREEN INTERVAL:** 4-14' below ground surface

WEATHER CONDITIONS: Sunny, 80° F **DEVELOPMENT TEAM:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
69	145	-	-	6.86	0.586	999	17.06	8.9	4.6-8
73	152	-	2.37	6.95	0.585	999	17.32	8.7	4.6-8
Well Development Completed at 16:05									

Notes: Total Volume Purged = 154 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-4D

TOTAL DEVELOPMENT TIME: 45 minutes **SCREEN INTERVAL:** 29.2-39.2' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
6	3	12.8	0.5	7.31	0.396	999	17.25	13.9	38.5
12	6	16.1	0.5	7.02	0.280	999	15.53	14.2	38.5
20	10	29.5	0.5	7.14	0.398	999	14.87	12.8	38.5
27	15	33.9	0.5	7.17	0.389	999	13.75	13.7	38.5
32	19	-	-	7.12	0.397	999	14.55	12.9	38.5
41	23	35.5	0.54	7.19	0.387	999	15.00	12.7	38.5
Well Development completed at 14:15									

Notes: Begin purging at 13:30
Total Volume purged = 25 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-5S

TOTAL DEVELOPMENT TIME: 1 hour 38 minutes **SCREEN INTERVAL:** 5.1-15.1' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surged	Interval	13 -15'						
6	3	5.61	0.5	6.90	0.708	999	11.36	12.1	13-15
10	5	5.56	0.5	6.79	0.720	999	13.63	10.9	13-15
12	6	5.57	0.75	6.71	0.730	805	14.61	10.5	13-15
14	8	5.58	0.75	6.69	0.732	311	14.36	10.3	13-15
16	9	5.61	0.75	6.70	0.726	351	14.48	9.9	13-15
	Surged	Interval	13 – 15'						
21	12	5.62	0.75	6.73	0.740	999	13.57	10.5	13-15
24	15	5.64	1.0	6.64	0.733	999	15.30	9.8	13-15
26	17	5.64	1.0	6.70	0.732	999	15.69	9.8	13-15
28	19	5.58	1.0	6.62	0.735	381	15.91	9.5	13-15
	Surged	Interval	11 – 13'						
35	25	5.57	1.0	6.62	0.750	999	15.67	10.0	11-13
38	28	5.58	1.0	6.63	0.742	999	15.38	9.7	11-13
41	31	5.59	1.0	6.62	0.741	999	15.50	9.8	11-13
	Surged	Interval	11 – 13'						
48	38	5.59	1.0	6.64	0.757	999	16.21	10.2	11-13
50	40	5.58	1.0	6.67	0.747	999	16.79	9.9	11-13

Notes: Black water being purged from well. It appears to be of the same consistency as encountered in MW-11S

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-5S

TOTAL DEVELOPMENT TIME: 1 hour 38 minutes **SCREEN INTERVAL:** 5.1-15.1' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
53	43	5.57	1.0	6.71	0.743	999	16.19	10.4	11-13
	Surged	Interval	9 – 11'						
58	48	-	1.0	6.64	0.754	999	16.12	10.5	9-11
60	50	-	1.0	6.70	0.751	999	16.27	10.3	9-11
63	53	5.61	1.0	6.63	0.752	999	15.79	9.6	9-11
	Surged	Interval	9 – 11'						
71	61	-	1.0	6.74	0.751	999	15.11	10.5	9-11
73	63	-	1.0	6.67	0.748	999	14.97	10.2	9-11
75	65	5.61	1.0	6.71	0.741	999	14.61	9.9	9-11
	Surged	Interval	6.5 – 9.0'						
81	71	-	1.0	6.65	0.752	999	14.95	11.0	6.5-9.0
83	73	-	1.0	6.68	0.754	999	15.62	10.9	6.5-9.0
85	75	5.63	1.0	6.70	0.749	999	15.22	10.6	6.5-9.0
	Surged	Interval	6.5 – 9.0'						
91	81	-	1.0	6.70	0.747	999	15.71	9.8	6.5-9.0
93	83	-	1.0	6.65	0.749	999	16.21	9.4	6.5-9.0
95	85	5.69	1.0	6.69	0.747	999	15.63	9.4	6.5-9.0
Well Development completed at 15:55									

Notes: Total Volume Purged = 88 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-5D

TOTAL DEVELOPMENT TIME: 3 hours 29 minutes **SCREEN INTERVAL:** 35.5-45.5' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min).	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surged	Interval	43 – 45.5'						
11	8	14.5	0.75	6.55	0.580	999	11.30	12.4	43-45.5
15	12	22.62	1.0	6.79	0.548	999	13.14	10.9	43-45.5
19	15	17.79	0.75	6.82	0.542	999	12.33	12.5	43-45.5
23	17	17.00	0.50	6.78	0.539	999	12.50	11.8	43-45.5
	Surged	Interval	43 – 45.5'						
	Resurged	Interval	43 – 45.5'						
100	20	5.32	0.50	6.88	0.529	999	14.83	13.0	43-45.5
105	23	-	0.70	6.89	0.546	999	15.25	12.8	43-45.5
108	25	10.38	0.70	6.87	0.543	999	15.28	13.0	43-45.5
	Surged	Interval	40.5 – 43'						
118	30	10.63	0.5	6.86	0.519	999	16.59	14.0	40.5-43
121	32	11.12	0.7	6.90	0.540	999	16.48	13.7	40.5-43
124	33	11.22	0.5	6.89	0.544	999	16.93	13.6	40.5-43
127	35	11.46	0.5	6.83	0.542	999	16.96	13.5	40.5-43
	Surged	Interval	40.5 – 43'						
134	39	9.68	0.5	6.84	0.525	999	17.13	15.5	40.5-43
138	41	10.32	0.5	6.89	0.532	999	18.02	14.3	40.5-43
141	42	11.11	0.5	6.79	0.534	999	17.06	14.6	40.5-43

Notes: Started purging at 9:25. Pump failure at 10:05 due to silt content in water. Deconned pump. Well Redevelopment restarted at 11:00

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-5D

TOTAL DEVELOPMENT TIME: 3 hours 29 minutes **SCREEN INTERVAL:** 35.5-45.5' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surged	Interval	38 – 40.5'						
150	47	11.13	0.5	6.87	0.519	999	17.34	14.4	38-40.5
153	48	10.91	0.5	6.86	0.521	999	17.22	14.6	38-40.5
157	50	10.87	0.5	6.89	0.528	999	16.48	14.8	38-40.5
167	55	10.91	0.5	6.89	0.525	999	14.32	15.2	38-40.5
171	57	10.87	0.5	6.91	0.540	999	15.69	15.1	38-40.5
175	59	10.83	0.5	6.86	0.538	999	14.76	14.4	38-40.5
	Surged	Interval	35.5 – 38'						
185	64	11.97	0.5	6.89	0.532	999	14.22	13.7	35.5-38
188	65	11.94	0.5	6.90	0.544	999	14.33	14.6	35.5-38
192	68	11.93	0.5	6.87	0.538	999	14.91	14.5	35.5-38
	Surged	Interval	35.5 – 38'						
200	72	12.04	0.5	6.88	0.539	999	14.94	14.5	35.5-38
204	74	11.96	0.5	6.84	0.543	999	15.25	14.2	35.5-38
209	77	11.49	0.5	6.80	0.549	999	15.22	13.9	35.5-38
Well Development completed at 11:54									

Notes: Total Volume purged = 82 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/03/01 **WELL #:** MW-6S

TOTAL DEVELOPMENT TIME: 1 hour 40 minutes **SCREEN INTERVAL:** 6.3-18.3 below ground surface

WEATHER CONDITIONS: Sunny, 85^0 F **DEVELOPMENT TEAM:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
10	10	5.18	2	7.30	0.558	999	17.05	12.3	18
20	20	5.41	3	6.69	0.557	999	13.04	10.7	18
30	30	5.48	-	6.90	0.548	999	13.78	9.9	18
35	40	5.23	-	6.90	0.552	999	13.50	9.5	18
40	50	-	-	6.92	0.551	999	13.71	9.6	18
45	60	5.18	2	6.82	0.533	32	13.81	10.0	18
	Surge	Interval	12.3-14.3'						
50	70	5.31	2	6.95	0.552	999	14.08	9.5	12-14
55	80	-	-	6.97	0.550	999	14.08	10.4	12-14
60	90	5.28	-	6.94	0.549	999	13.99	9.6	12-14
	Surge	Interval	10.3-12.3						
65	100	5.29	-	6.96	0.550	999	14.12	9.4	10-12
70	110	5.32	2	6.95	0.551	999	14.12	9.5	10-12
75	120	-	-	6.97	0.550	999	14.58	9.5	10-12
	Surge	Interval	8.3-10.3						
80	130	5.30	-	6.98	0.554	999	14.74	9.4	8-10
85	140	5.33	-	7.02	0.553	999	14.77	9.6	8-10

Notes: Begin purging at 08:13

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/03/01 **WELL #:** MW-6S

TOTAL DEVELOPMENT TIME: 1 hour 40 minutes **SCREEN INTERVAL:** 6.3-16.3' below ground surface

WEATHER CONDITIONS: Sunny, 85^0 F **SAMPLERS:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
90	150	-	2	7.02	0.550	999	14.88	9.6	8-10
	Surge	Interval	6.3-8.3'						
95	160	5.34	2	7.03	0.553	999	14.69	9.6	6-8
100	170	5.38	2	7.07	0.550	999	15.10	9.4	6-8
Well Development completed at 09:53 on 05/03/01									

Notes: Finish purging at 9:53 on 05/03/01
Total Volume Purged = 180 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/02/01 **WELL #:** MW-6D

TOTAL DEVELOPMENT TIME: 4 hours 35 minutes **SCREEN INTERVAL:** 38.5-48.5' below ground surface

WEATHER CONDITIONS: Sunny, 85^0 F **DEVELOPMENT TEAM:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	46.5-48.5'						
5	13	10.10	2.46	7.10	0.434	999	13.20	10.2	46.5-48.5
20	35	2.80	1.76	7.18	0.423	999	13.19	9.8	46.5-48.5
	Surge	Interval	46.5-48.5'						
50	70	3.71	1.70	7.32	0.433	999	13.33	10.1	46.5-48.5
57	82	-	-	7.28	0.435	841	13.56	10.5	46.5-48.5
64	94	-	-	7.27	0.434	64.9	14.36	11.1	46.5-48.5
	Surge	Interval	46.5-48.5'						
66	97	3.81	-	7.27	0.434	999	13.95	11.0	46.5-48.5
67	100	-	1.75	7.31	0.435	59.0	13.80	10.3	46.5-48.5
79	120	2.50	1.64	7.32	0.436	999	15.02	10.1	46.5-48.5
90	137	-	1.58	7.44	0.433	999	13.94	11.0	46.5-48.5
	Surge	Interval	46.5-48.5'						
124	150	4.02	-	7.44	0.417	999	15.44	11.2	46.5-48.5
132	165	-	-	7.43	0.429	999	16.33	11.1	46.5-48.5
152	200	3.89	1.81	7.44	0.417	999	16.70	11.6	46.5-48.5
170	230	3.58	-	7.39	0.431	999	16.50	10.7	46.5-48.5
185	245	-	-	7.24	0.425	999	15.30	10.7	46.5-48.5
195	257	3.91	1.83	7.22	0.434	999	14.90	10.9	46.5-48.5

Notes: Begin purging at 8:40

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/02/01 **WELL #:** MW-6D

TOTAL DEVELOPMENT TIME: 4 hours 35 minutes **SCREEN INTERVAL:** 38.5-48.5' below ground surface

WEATHER CONDITIONS: Sunny, 85^0 F **DEVELOPMENT TEAM:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	44.5-46.5						
200	260	4.23		7.23	0.430	999	16.05	10.5	44.5-46.5
220	270	3.72		7.22	0.439	999	16.05	10.6	44.5-46.5
	Surge	Interval	42.5-44.5						
230	272	3.76		7.21	0.438	999	15.23	10.2	42.5-44.5
235	280	3.62	1.75	7.18	0.450	999	15.19	10.5	42.5-44.5
245	296			7.21	0.448	999	15.11	10.5	42.5-44.5
	Surge	Interval	40.5-42.5'						
250	305	3.63		7.22	0.443	999	15.01	10.4	40.5-42.5
260	325	3.97		7.23	0.445	999	14.97	10.4	40.5-42.5
	Surge	Interval	38.5-40.5						
270	340			7.25	0.450	999	14.91	10.3	38.5-40.5
275	350	3.71	1.77	7.26	0.453	999	15.20	10.7	38.5-40.5
Well Development completed at 14:42									

Notes: Begin purging at 8:40
Total Volume purged = 350 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 04/30/01 – 05/01/01 **WELL #:** MW-7S

TOTAL DEVELOPMENT TIME: 3 hours 32 minutes **SCREEN INTERVAL:** 7.5-17.5' below ground surface

WEATHER CONDITIONS: Sunny, 78^0 F **DEVELOPMENT TEAM:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	13-17.5'						
20	20	8.87	1.19	6.79	0.419	999	16.33	9.8	13-17.5
40	40	8.90	1.20	6.98	0.434	999	16.13	5.9	13-17.5
60	60	8.96	3.25	6.92	0.439	645	16.20	6.2	13-17.5
80	80	8.97	3.60	7.03	0.418	999	16.31	6.7	13-17.5
100	100	9.01	4.67	7.05	0.432	810	16.30	6.4	13-17.5
	Surge	Interval	13-17.5'						
105	130	9.06	4.18	6.80	0.500	999	16.10	7.0	13-17.5
115	150	-	-	7.1	0.420	260	17.20	7.0	13-17.5
125	170	-	-	7.2	0.420	999	18.70	6.0	13-17.5
	Surge	Interval	9-13'						
135	180	9.03	3.08	7.1	0.420	999	17.20	7.0	11.5-13
150	200	9.03	3.17	7.3	0.430	980	17.40	6.0	11.5-13
165	230	9.03	3.13	7.2	0.430	32.0	17.70	7.0	11.5-13
180	275	9.03	3.29	7.2	0.430	999	18.30	6.0	9-11
200	300	9.03	3.24	7.2	0.430	890	17.40	7.0	9-11
Well Development complete at 10:09 on 05/01/01									

Notes: Begin purging at 16:21 on 4/30/01
Finish purging at 10:09 on 5/01/01
Total Volume Purged = 300 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/03/01 **WELL #:** MW-8S

TOTAL DEVELOPMENT TIME: 1 hour 22 minutes **SCREEN INTERVAL:** 3.8-13.8' below ground surface

WEATHER CONDITIONS: Sunny, 85^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{o}C)	PUMP LOCATION (ft btic)
	Surge	Interval	11.3-13.8'						
15	10	4.90	0.75	6.89	1.41	999	10.00	10.4	11.3-13.8
20	13	4.90	0.75	6.90	1.40	889	8.61	10.4	11.3-13.8
23	15	4.90	0.75	6.99	1.40	540	8.32	10.0	11.3-13.8
26	17	4.90	0.75	7.02	1.38	545	8.75	10.1	11.3-13.8
	Surge	Interval	8.8-11.3'						
35	25	4.95	1.0	7.06	1.37	999	7.63	9.9	8.8-11.3
39	29	4.97	1.0	7.03	1.37	491	9.02	10.0	8.8-11.3
42	32	4.97	1.0	7.03	1.37	314	8.34	9.7	8.8-11.3
45	35	4.97	1.0	7.01	1.37	280	7.44	9.3	8.8-11.3
47	38	4.97	1.0	7.01	1.36	236	7.42	9.5	8.8-11.3
	Surge	Interval	6.3-8.8'						
54	44	-	-	7.02	1.37	999	7.12	10.0	6.3-8.8'
57	48	-	-	7.02	1.37	484	7.49	9.6	6.3-8.8'
61	50	-	-	7.01	1.37	110	7.20	9.6	6.3-8.8'
	Surge	Interval	5.0-6.3'						
71	60	4.97	-	6.98	1.36	657	6.92	9.9	5.0-6.3'
75	64	4.97	-	6.99	1.36	217	7.26	9.6	5.0-6.3'

Notes: Begin purging at 8:45

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER
WEST WINFIELD, NY

DATE: 05/03/01 **WELL #:** MW-8S

TOTAL DEVELOPMENT TIME: 1 hour 22 minutes **SCREEN INTERVAL:** 3.8-13.8' below ground surface

WEATHER CONDITIONS: Sunny, 85^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
79	70	4.98	-	7.01	1.37	35	7.28	9.7	5.0-6.3
Well Development completed at 10:07									

Notes: Total Volume Purged = 72 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/02/01- 05/03/01 **WELL #:** MW-9S

TOTAL DEVELOPMENT TIME: 57 minutes **SCREEN INTERVAL:** 4.5-14.5' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	12 – 14'						
11	5	4.65	0.5	7.01	0.616	450	16.32	13.0	12-14
13	7	-	0.5	6.93	0.616	758	16.56	11.3	12-14
16	8	-	0.5	6.93	0.626	593	16.63	10.5	12-14
18	10	-	0.5	6.95	0.613	450	17.12	10.2	12-14
19.5	12.5	-	0.5	6.95	0.616	217	17.19	10.4	12-14
	Surge	Interval	12 –14'						
23	15	-	0.5	6.95	0.612	999	17.50	10.7	12-14
25	16	-	0.5	6.93	0.618	999	17.79	10.5	12-14
				Well Dry					
	Surge	Interval	9.5 -12.5'						
9	21	5.4	0.5	6.91	0.610	999	5.79	14.8	9.5-12.5
12	27	8.0	0.3	6.87	0.616	999	5.42	14.3	9.5-12.5
16	34	8.0	0.25	6.93	0.610	999	5.46	14.4	9.5-12.5
	Surge	Interval	9.5 -12.5'						

Notes: Begin purging at 8:45 on 05/02/01

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/02/01- 05/03/01 **WELL #:** MW-9S

TOTAL DEVELOPMENT TIME: 57 minutes **SCREEN INTERVAL:** 4.5-14.5' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
25	43	9.1	0.2	6.97	0.599	999	5.05	14.1	9.5-12.5
27	53	9.3	0.2	6.99	0.599	999	5.49	13.6	9.5-12.5
30	64	9.5	0.2	6.91	0.601	999	5.18	14.4	9.5-12.5
Well Development completed at 15:50									

Notes: Begin purging at 15:20 on 05/03/01
The screen interval 6.5 – 9.5 feet could not be surged due to drawdown in well
Total Volume purged = 64 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/01 **WELL #:** MW-10S

TOTAL DEVELOPMENT TIME: 5 hours 35 minutes **SCREEN INTERVAL:** 4-14' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
8	10	4.41	1.2	6.85	0.709	155	16.38	10.7	12-14
	Surge	Interval	12-14'						
22	27	4.40	1.2	6.98	0.660	999	16.90	9.8	12-14
	Surge	Interval	10-12'						
41	47	4.41	1.0	6.96	0.662	126	16.29	9.5	10-12
	Surge	Interval	8–10'						
60	70	-	-	6.98	0.690	999	16.10	9.8	8-10
	Surge	Interval	8-10'						
75	82	4.41	1.2	6.93	0.683	999	16.76	10.8	8-10
80	88	4.41	1.2	6.92	0.702	291	17.12	9.2	8-10
90	100	4.41	1.2	6.91	0.707	371	17.70	9.0	8-10
100	112	4.41	1.2	6.90	0.706	179	17.25	9.1	8-10
110	124	4.41	1.2	6.91	0.702	81	17.00	9.3	8-10
	Shut down	Pump	Surge	Interval	6-8'				
117	132	4.41	1.2	7.08	0.684	999	19.99	12.4	6-8
120	135	4.41	1.2	7.01	0.685	999	19.99	10.4	6-8
125	141	4.41	1.2	7.06	0.686	999	19.99	10.0	6-8
130	145	4.41	1.2	7.09	0.688	259	19.99	10.5	6-8
133	149	4.41	1.2	6.98	0.684	231	19.99	9.5	6-8

Notes: Begin purging at 10:00

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/01 **WELL #:** MW-10S

TOTAL DEVELOPMENT TIME: 5 hours 35 minutes **SCREEN INTERVAL:** 4-14' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
135	151	4.41	1.2	6.93	0.695	372	19.99	9.3	6-8
139	156	4.41	1.2	6.97	0.697	306	19.99	9.2	6-8
142	159	4.41	1.2	6.94	0.697	218	19.99	9.2	6-8
145	162	4.41	1.2	6.95	0.702	180	19.99	9.2	6-8
148	165	4.41	1.2	6.94	0.697	174	19.15	10.1	6-8
155	172	4.41	1.2	6.93	0.691	131	19.02	9.4	6-8
159	179	4.41	1.2	6.94	0.698	105	18.62	9.8	6-8
162	-	4.41	1.2	6.92	0.700	106	18.23	9.9	6-8
	Surge	Interval	4.5-6.5'						
174	-	4.41	1.2	6.98	0.700	955	18.86	9.8	4.5-6.5
182	-	4.41	1.2	6.92	0.690	464	18.58	9.4	4.5-6.5
187	224	4.41	1.2	6.89	0.687	270	19.08	9.7	4.5-6.5
192	232	4.41	1.2	6.91	0.698	180	19.99	8.6	4.5-6.5
197	239	4.41	1.2	6.91	0.697	140	19.22	9.2	4.5-6.5
200	241	4.41	1.2	6.92	0.697	108	19.83	8.7	4.5-6.5
203	247	4.41	1.2	6.91	0.698	96	19.57	8.4	4.5-6.5
207	251	4.41	1.2	6.93	0.698	86	19.19	8.3	4.5-6.5
212	257	4.45	1.2	6.90	0.700	73	19.23	8.0	4.5-6.5

Notes: Shut down pump at 11:50 and restart at 13:53

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/01 **WELL #:** MW-10S

TOTAL DEVELOPMENT TIME: 5 hours 35 minutes **SCREEN INTERVAL:** 4-14' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
214	266	4.45	1.2	6.90	0.703	69	18.69	8.1	4.5-6.5
218	276	4.45	1.2	6.90	0.699	64	18.18	8.1	4.5-6.5
220	281	4.45	1.2	6.91	0.700	56	18.22	7.8	4.5-6.5
223	291	4.45	1.2	6.90	0.699	54	17.62	7.9	4.5-6.5
226	296	4.45	1.2	6.88	0.699	52	17.65	7.9	4.5-6.5
230	301	4.45	1.2	6.90	0.701	52	17.95	8.1	4.5-6.5
235	311	4.45	1.2	6.90	0.702	50	18.17	8.2	4.5-6.5
Well Development completed at 16:00									

Notes: Total Volume purged = 314 gallons

EXISTIMG MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/02/01 **WELL #:** MW-10D

TOTAL DEVELOPMENT TIME: 3 hours 7 minutes **SCREEN INTERVAL:** 35-45' below ground surface

WEATHER CONDITIONS: Sunny, 84° F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	41-43'						
26	26		1.0	6.74	0.765	999	14.15	12.2	41-43
28	28		1.0	6.99	0.694	999	13.01	11.7	41-43
32	32		1.0	7.07	0.715	999	14.15	11.7	41-43
34	34		1.0	7.07	0.717	999	14.21	11.2	41-43
41	41		1.0	7.04	0.721	999	14.40	10.9	41-43
47	47		1.0	7.06	0.727	999	13.79	11.5	41-43
55	55		1.0	7.07	0.722	999	14.55	11.5	41-43
	Surge	Interval	41-43'						
	Surge	Interval	39-41'						
86	90		1.0	7.05	0.695	999	14.96	13.8	41-43
95	95		1.0	7.04	0.720	999	17.25	12.4	39-41
105	110		1.0	7.05	0.712	999	15.20	12.3	39-41
115	120		1.0	7.07	0.710	999	15.24	12.7	39-41
	Surge	Interval	36-39'						
135	140		1.0	7.07	0.682	999	14.31	14.0	36-39
145	150		1.0	7.08	0.703	999	15.46	12.7	36-39
155	160		1.0	7.12	0.703	999	15.20	13.3	36-39

Notes: Begin purging at 9:30

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/02/01 **WELL #:** MW-10D

TOTAL DEVELOPMENT TIME: 3 hours 7 minutes **SCREEN INTERVAL:** 35-45' below ground surface

WEATHER CONDITIONS: Sunny, 84° F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
165	170		1.0	7.04	0.708	999	16.01	10.7	36-39
	Surge	Interval	34-36						
175	175		1.0	7.01	0.718	999	16.30	11.7	34-36
183	185		1.0	7.10	0.725	999	15.92	11.43	34-36
187	189		1.0	7.03	0.720	999	16.25	10.95	34-36
Well Development completed at 12:37									

Notes: Total Volume purged = 189 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/03/01 **WELL #:** MW-11S

TOTAL DEVELOPMENT TIME: 1 hour **SCREEN INTERVAL:** 13.4-18.4' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surge	Interval	16.0-18.5'						
12	6	7.98	0.5	7.05	0.685	999	6.07	15.1	16-18
16	8	-	0.5	6.94	0.694	999	5.89	14.7	16-18
19	10	-	0.5	6.90	0.695	999	5.59	15.1	16-18
21	11	-	0.5	6.84	0.697	999	5.52	15.0	16-18
	Surge	Interval	16.0-18.5'						
27	16	11.81	1.0	6.93	0.696	999	6.33	15.3	16-18
30	18	-	1.0	6.88	0.689	999	6.12	15.1	16-18
32	20	12.80	1.0	6.89	0.686	999	6.21	15.8	16-18
	Surge	Interval	13.5-16.0'						
38	26	10.05	0.5	6.84	0.664	999	5.10	15.3	14-16
44	29	-	0.5	6.81	0.693	999	5.29	14.8	14-16
47	31	9.18	0.5	6.90	0.699	999	5.36	14.5	14-16
50	33	8.19	0.5	6.89	0.702	999	5.38	14.6	14-16
	Surge	Interval	13.5-16.0'						
57	37	8.19	0.5	6.89	0.696	999	5.80	13.2	14-16
60	39	9.26	0.5	6.92	0.701	999	5.90	13.2	14-16
66	42	-	0.75	6.83	0.699	999	5.72	12.8	14-16
76	63	17.05	1.5	6.89	0.704	999	5.29	14.6	14-16
Well Development completed at 17:20									

Notes: Begin purging at 16:04, Total Volume purged = 63 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-12S

TOTAL DEVELOPMENT TIME: 1 hour **SCREEN INTERVAL:** 3.5-13.5' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** T. Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
4	6	10.6	2.04	6.75	0.746	798	16.25	12.4	11.5-13.5
11	15	10.3	-	6.75	0.781	999	16.66	11.1	11.5-13.5
15	22	9.8	-	6.68	0.782	999	16.29	10.3	11.5-13.5
20	34	-	1.93	6.60	0.784	999	16.09	10.2	11.5-13.5
	Surge	Interval	11.5-13.5'						
27	43	9.65	-	6.69	0.794	999	16.00	10.3	11.5-13.5
33	52	-	1.76	6.69	0.789	999	16.05	10.2	11.5-13.5
40	62	-	-	6.76	0.802	999	15.88	10.2	11.5-13.5
	Surge	Interval	9.5-11.5'						
45	72	9.60	-	6.76	0.795	999	15.78	10.1	9.5-11.5
53	80	9.47	2.29	6.83	0.794	999	15.99	9.7	9.5-11.5
58	89	-	-	6.83	0.812	999	15.46	10.4	9.5-11.5
Well Development completed at 11:50									

Notes: Begin purging at 10:50
Total Volume purged = 90 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/03/01 **WELL #:** MW-13S

TOTAL DEVELOPMENT TIME: 1 hour 10 minutes **SCREEN INTERVAL:** 8.7-13.7' below ground surface

WEATHER CONDITIONS: Sunny, 80° F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (°C)	PUMP LOCATION (ft btic)
	Surge	Interval	11.2-13.7'						
2	1	14.5	0.66	6.79	1.18	999	17.41	14.4	11-13.5
10	6	-	0.66	6.73	1.14	999	18.09	13.3	11-13.5
17	10	10.86	0.66	6.68	1.13	999	18.71	12.4	11-13.5
28	14	-	0.66	6.50	1.16	999	16.62	14.9	11-13.5
38	22	10.90	0.66	6.57	0.883	999	18.50	12.8	11-13.5
43	27	-	0.66	6.62	0.882	999	18.99	12.6	11-13.5
	Surge	Interval	8.7-11.2'						
45	31	11.0	-	6.61	0.886	999	17.15	12.6	9-11
52	33	10.9	0.66	6.59	0.875	999	11.97	17.7	9-11
60	38	10.8	0.66	6.61	0.876	670	13.75	15.3	9-11
Well Development completed at 16:43									

Notes: Begin purging at 15:33
Total Volume purged = 44 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER
WEST WINFIELD, NY

DATE: 05/04/01 **WELL #:** MW-13D

TOTAL DEVELOPMENT TIME: 25 minutes **SCREEN INTERVAL:** 32.9-42.9' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (ms/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
6	6	28.0	0.91	6.25	0.451	999	14.15	11.7	44
10	-	35.0	-	-	-	-	-	-	44
13	8	35.9	0.9	7.22	0.433	999	12.96	12.5	44
19	12	43.07	-	7.26	0.420	999	12.77	13.0	44
Well Development completed at 9:10									

Notes: Begin purging at 8:45
Well dried up before first reading could be taken
Well recharge inadequate to maintain flow rate and record readings
Total Volume purged = 16 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

DATE: 05/01/01 **WELL #:** MW-14S

TOTAL DEVELOPMENT TIME: 2 hours 30 minutes **SCREEN INTERVAL:** Unknown

WEATHER CONDITIONS: Sunny, 81^0 F **DEVELOPMENT TEAM:** T.Conroy/ D. Scheuing

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
2	2	12.56	1.0	6.3	1.4	999	19.9	16.0	17.95
21	40	13.54	1.77	6.6	1.1	999	19.9	14.0	17.95
34	60	13.95	1.61	6.6	1.0	999	19.3	15.0	17.95
54	86	13.92	1.28	6.5	1.0	999	16.0	14.0	17.95
81	130	13.41	1.60	6.7	1.0	999	16.2	14.0	17.95
120	165	12.88	1.78	6.7	1.0	999	17.0	14.0	17.95
150	198	12.91	1.76	6.4	1.0	15.0	16.2	13.0	17.95
Well Development completed at 15:00									

Notes: Begin purging at 12:31
Total Volume purged = 200 gallons

EXISTING MONITORING WELL REDEVELOPMENT SHEET
HITEMAN LEATHER SITE
WEST WINFIELD, NY

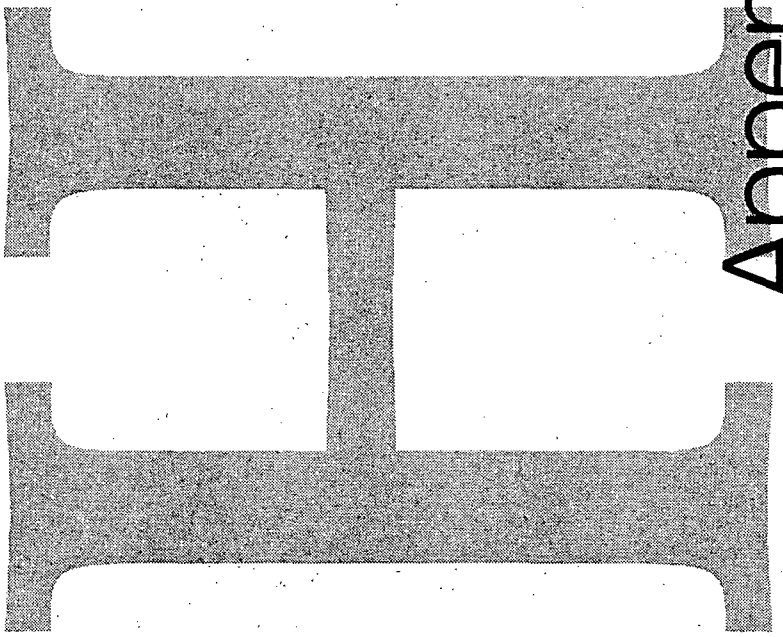
DATE: 05/03/01 **WELL #:** MW-15S

TOTAL DEVELOPMENT TIME: 1 hour 15 minutes **SCREEN INTERVAL:** 6-11' below ground surface

WEATHER CONDITIONS: Sunny, 80^0 F **DEVELOPMENT TEAM:** R. Forstner/ A. Haryani

ELAPSED TIME (min)	VOLUME PURGED (gals)	DEPTH TO WATER (ft btic)	FLOW RATE (gals/ min)	pH (SU)	SPECIFIC COND. (mS/cm)	TURBIDITY (NTUs)	DISSOLVED OXYGEN (mg/L)	TEMP (^{0}C)	PUMP LOCATION (ft btic)
	Surged	Interval	8.0-10.5'						
11	11	5.81	1.0	7.09	0.823	999	6.22	11.5	8-10
14	14	5.81	1.0	7.00	0.827	999	6.44	10.2	8-10
18	18	5.85	1.0	6.99	0.829	999	6.31	9.8	8-10
	Surged	Interval	8.0-10.5'						
27	27	5.85	1.0	6.97	0.838	999	6.46	10.1	8-10
30	30	5.47	1.0	6.98	0.838	999	6.39	10.0	8-10
34	34	5.27	1.0	6.98	0.842	970	6.39	9.8	8-10
	Surged	Interval	6.0-8.0'						
44	44	4.79	1.0	7.01	0.857	999	6.43	10.1	6-8
47	47	4.79	1.0	6.97	0.851	999	6.32	9.9	6-8
50	50	4.75	1.0	6.97	0.847	999	6.29	9.7	6-8
	Surge	Interval	6.0-8.0'						
59	59	4.75	1.0	6.96	0.846	999	6.27	10.1	6-8
63	63	4.72	1.0	6.95	0.835	999	6.26	10.0	6-8
67	67	4.72	1.0	6.98	0.833	999	6.25	9.8	6-8
Well Development completed at 11:55									

Notes: Started purging at 10:40
Total Volume purged = 75 gallons



Appendix H

APPENDIX H

LOW-FLOW GROUNDWATER SAMPLING FORMS

- Round 1 Groundwater Sampling Event
- Round 2 Groundwater Sampling Event

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 10/24/01 **WELL #:** Municipal Well # 1

TIME: 11:48 **DEPTH OF PUMP:**

WEATHER CONDITIONS: cloudy, 60^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (gal/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:30	-	-	175	-	7.54	0.398	10	12.70	9.9	149
11:36	-	-	175	-	7.54	0.400	10	12.51	10.2	126
11:39	-	-	175	-	7.56	0.399	10	12.82	9.8	125
11:42	-	-	175	-	7.58	0.400	10	12.57	10.2	146
11:45	-	-	175	-	7.56	0.400	10	12.81	9.8	153
11:48	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/24/01 **WELL #:** Municipal Well # 3

TIME: 10:58 **DEPTH OF PUMP:**

WEATHER CONDITIONS: cloudy, 70^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (gal/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:40	-	-	300	-	7.41	0.431	10	12.61	10.2	140
10:45	-	-	300	-	7.51	0.409	10	12.92	9.7	129
10:50	-	-	300	-	7.59	0.408	10	13.25	9.1	119
10:55	-	-	300	-	7.53	0.411	10	13.26	9.0	123
10:58	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/01 **WELL #:** MW-2s

TIME: 15:50 **DEPTH OF PUMP:** 17 feet

WEATHER CONDITIONS: rain, 60^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
15:57	-	14.5	-	-	-	-	-	-	-	-
16:15	1.0	14.5	720	0.0	6.52	0.643	10	14.29	9.5	43
16:21	1.5	14.5	720	0.0	6.42	0.654	10	11.79	8.5	53
16:25	2.25	14.5	720	0.0	6.41	0.654	10	8.06	8.3	54
16:30	3.0	14.5	720	0.0	6.42	0.652	10	7.79	7.9	47
16:37	4.25	14.5	720	0.0	6.43	0.657	10	7.54	7.3	49
16:40	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/01 **WELL #:** MW-3s

TIME: 9:05 **DEPTH OF PUMP:** 9 feet

WEATHER CONDITIONS: rain, 60^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
8:30		5.22								
8:35	0.5	5.22	545	0.0	6.03	1.03	60	7.52	12.1	88
8:40	1.0	5.22	545	0.0	6.01	1.12	2	2.48	11.2	106
8:44	1.25	5:22	545	0.0	6.00	1.14	10	0.88	11.2	130
8:48	1.75	5.23	545	0.01	6.01	1.15	10	0.24	11.2	140
8:51	2.25	5.22	545	0.0	6.01	1.12	10	0.19	11.2	130
8:54	2.75	5.22	545	0.0	6.04	0.899	10	1.50	11.6	135
8:57	3.25	5.22	545	0.0	6.05	0.899	10	1.47	11.7	141
9:00	3.5	5.23	545	0.0	6.04	0.892	10	1.51	11.6	144
9:05	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/01 **WELL #:** MW-4s

TIME: 12:30 **DEPTH OF PUMP:** 9 feet

WEATHER CONDITIONS: rain, 55^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:30	0.25	5.02	180	0.02	7.01	0.580	9	0.41	8.8	210
11:35	0.80	5.02	400	0.02	6.95	0.589	8	0.25	8.9	-96
11:40	1.60	5.02	560	0.02	6.95	0.590	12	0.21	8.5	-243
11:45	2.2	5.02	250	0.02	6.95	0.590	4	0.03	8.5	-294
11:50	2.5	5.00	300	0.00	6.94	0.592	0	0.08	8.7	-317
11:55	2.8	5.02	490	0.02	6.94	0.590	0	0.01	8.8	-352
12:00	3.25	5.01	400	0.01	6.95	0.590	0	0.03	8.5	-387
12:05	4.0	5.02	500	0.02	6.94	0.590	0	0.06	8.5	-396
12:10	4.4	5.01	450	0.01	6.94	0.591	0	0.01	8.4	-414
12:15	5.0	5.02	410	0.02	6.94	0.591	0	0.01	8.4	-420
12:20	5.4	5.02	410	0.02	6.93	0.591	3	0.01	8.6	-426
12:25	6.0	5.02	325	0.02	6.94	0.590	3	0.01	8.7	-433
12:30	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/01 **WELL #:** MW-4D

TIME: 16:05 **DEPTH OF PUMP:** 34.2 feet

WEATHER CONDITIONS: rain, 55^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
15:05	0.3	1.11	300	1.11	7.26	0.401	23	0.46	8.9	72
15:10	0.8	1.26	360	1.26	7.20	0.402	20	0.08	9.0	16
15:15	1.4	1.46	375	1.46	7.19	0.402	998	0.11	9.1	-50
15:20	2.0	1.61	320	1.61	7.18	0.403	998	0.05	9.3	-81
15:25	2.2	1.65	300	1.65	7.19	0.402	866	0.05	9.4	-103
15:30	2.7	1.65	280	1.65	7.19	0.402	720	0.07	9.6	-106
15:35	3.1	1.67	310	1.67	7.20	0.402	633	0.04	9.5	-120
15:40	3.6	1.64	320	1.64	7.21	0.403	550	0.04	9.5	-136
15:50	5.0	2.78	410	2.78	7.25	0.402	573	0.12	9.5	-54
15:55	5.4	2.88	390	2.88	7.66	0.402	508	0.0	9.6	-104
16:00	6.0	2.73	400	2.73	7.27	0.402	467	0.0	9.5	-154
16:05	6.5	2.81	360	2.81	7.28	0.402	373	0.0	9.7	-215
16:10	7.0	2.93	400	2.93	7.30	0.402	346	0.0	9.7	-219
16:15	7.5	2.81	400	2.81	7.5	0.402	311	0.0	9.7	-282
16:20	7.9	2.88		2.88	7.30	0.402	284	0.01	9.8	-300
16:25	8.2	2.90	350	2.90	7.30	0.402	258	0.0	9.7	-300
16:30	8.75	2.92	400	292	7.30	0.402	243	0.0	9.7	-312

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/01 **WELL #:** MW-4D

TIME: 16:05 **DEPTH OF PUMP:** 34.2 feet

WEATHER CONDITIONS: rain, 55^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
16:35	9.1	2.87	350	2.87	7.31	0.402	209	0.0	9.8	-319
16:40	9.8	2.75	380	2.75	7.30	0.402	183	0.0	9.8	-334
16:45	10.25	2.90	400	2.90	7.29	0.402	174	0.0	9.7	-342
16:50	10.8	2.92	350	2.92	7.30	0.402	160	0.0	9.7	-333
16:55	11.25	3.03	370	3.03	7.30	0.402	155	0.0	9.7	-309
17:00	11.70	2.95	400	2.95	7.30	0.407	158	0.0	9.7	-300
17:05	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/01 **WELL #:** MW-5s

TIME: 12:20 **DEPTH OF PUMP:** 12 feet

WEATHER CONDITIONS: rain, 60° F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:00		5.81								
11:29	1.0	5.82	300	0.01	6.27	0.699	415	2.01	11.9	-100
11:34	1.25	5.82	300	0.01	6.19	0.734	212	1.74	12.1	-130
11:39	1.75	5.82	300	0.01	6.17	0.719	206	0.92	11.9	-178
11:42	2.0	5.82	300	0.01	6.15	0.726	211	0.57	12.6	-178
11:45	2.5	5.83	300	0.02	6.14	0.767	125	0.88	12.4	-179
11:48	2.75	5.83	300	0.02	6.12	0.778	73	0.98	12.5	-178
11:52	3.20	5.82	300	0.01	6.12	0.780	59	1.00	12.5	-178
	Pump binds	up no flow	rate	observed shut	down and	restart pump				
12:05	6.5	5.83	600	0.02	6.11	0.775	102	0.24	10.0	-183
12:10	7.5	5.83	600	0.02	6.10	0.775	98	0.21	9.9	-180
12:14	8.0	5.83	600	0.02	6.11	0.765	10	0.13	9.9	-171
12:20	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/01 **WELL #:** MW-5D

TIME: 15:45 **DEPTH OF PUMP:** 41 feet

WEATHER CONDITIONS: rain, 60^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:40		Artesian								
15:11	0.25	0.3	600	0.3	6.46	0.527	999	7.00	10.1	-23
15:15	0.5	0.3	600	0.3	6.39	0.546	999	4.01	9.5	-29
15:20	1.0	0.3	600	0.3	6.36	0.543	716	2.12	9.7	-36
15:23	1.25	0.3	600	0.3	6.36	0.543	728	1.29	9.7	-39
15:26	2.0	0.3	600	0.3	6.35	0.543	696	1.20	9.8	-43
15:30	2.5	0.3	600	0.3	6.35	0.543	686	0.96	9.9	-46
15:33	2.75	0.3	600	0.3	6.35	0.541	679	0.69	9.9	-50
15:36	3.25	0.3	600	0.3	6.35	0.544	539	0.40	9.7	-52
15:39	3.75	0.3	600	0.3	6.35	0.546	550	0.42	9.7	-53
15:42	4.25	0.3	600	0.3	6.35	0.544	526	0.39	9.7	-54
15:45	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/24/01 **WELL #:** MW-6s

TIME: 9:50 **DEPTH OF PUMP:** 10 feet

WEATHER CONDITIONS: cloudy, 55° F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
08:45	0.7	5.23	185	0.02	6.54	0.532	175	0.27	9.5	-
08:50	1.4	5.22	890	0.01	6.57	0.532	154	0.23	10.3	-
08:55	2.1	5.26	800	0.05	6.60	0.535	58	0.02	9.5	-
09:00	2.5	5.27	390	0.06	6.61	0.532	42	0.12	9.6	-
09:05	3.3	5.23	540	0.02	6.60	0.532	30	0.14	9.7	-
09:10	3.9	5.24	700	0.03	6.61	0.530	1	0.08	9.6	-
09:15	4.5	5.24	560	0.03	6.61	0.530	4	0.18	9.5	-
09:20	5.3	5.25	490	0.04	6.60	0.531	8	0.19	9.8	-
09:25	6.0	5.22	110	0.01	6.62	0.529	4	0.09	9.6	-
09:30	6.2	5.22	300	0.01	6.62	0.528	7	0.21	10.2	-
09:35	7.0	5.22	480	0.01	6.64	0.530	10	0.04	9.6	-
09:40	7.5	5.22	460	0.01	6.64	0.528	10	0.09	9.8	-
09:45	8.0	5.22	480	0.01	6.64	0.528	10	0.05	9.7	-
09:50	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/24/01 **WELL #:** MW-6D

TIME: 11:50 **DEPTH OF PUMP:** 43.5 feet

WEATHER CONDITIONS: cloudy, 55^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:50	2.0	Artesian	800	0.0	6.87	0.405	571	3.68	8.8	-
10:55	2.8		800	0.0	6.81	0.405	427	3.71	8.8	-
11:00	3.5		550	0.0	6.77	0.405	180	3.68	8.8	-
11:05	4.3		480	0.0	6.73	0.405	109	3.64	8.9	-
11:10	5.0		400	0.0	6.73	0.405	63	3.62	8.9	-
11:15	5.5		490	0.0	6.74	0.405	29	3.61	9.0	-
11:20	6.3		400	0.0	6.75	0.405	19	3.60	8.9	-
11:25	7.0		400	0.0	6.77	0.405	18	3.63	9.0	-
11:30	7.5		400	0.0	6.77	0.405	7	3.61	9.0	-
11:35	8.0		430	0.0	6.78	0.405	1	3.57	9.0	-
11:40	8.6		440	0.0	6.78	0.405	3	3.61	9.0	-
11:45	9.2		430	0.0	6.78	0.405	2	3.60	9.0	-
11:50	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/24/01 **WELL #:** MW-7s

TIME: 09:15 **DEPTH OF PUMP:** 12.5 feet

WEATHER CONDITIONS: cloudy, 60° F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
08:20		9.34								
08:28	0.5	9.37	300	0.03	7.28	0.445	10	2.66	8.2	-50
08:33	0.75	9.36	300	0.02	7.31	0.441	10	2.20	8.4	-45
08:42	1.25	9.36	300	0.02	7.31	0.441	10	1.77	8.4	-51
08:45	1.5	9.36	300	0.02	7.31	0.440	10	1.70	8.5	-80
08:48	1.75	9.36	300	0.02	7.32	0.441	10	1.52	8.5	-82
08:51	2.0	9.36	300	0.02	7.34	0.442	10	1.62	8.5	-72
08:54	2.5	9.36	300	0.02	7.34	0.442	10	1.41	8.5	-89
08:57	2.75	9.36	300	0.02	7.34	0.443	10	1.44	8.4	-82
09:00	3.0	9.36	300	0.02	7.35	0.440	10	1.26	8.4	-87
09:03	3.25	9.36	300	0.02	7.35	0.439	10	1.18	8.5	-101
09:08	3.5	9.36	300	0.02	7.35	0.442	10	1.17	8.5	-95
09:11	3.75	9.36	300	0.02	7.35	0.440	10	1.11	8.6	-100
09:15	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/01 **WELL #:** MW-8s

TIME: 16:00 **DEPTH OF PUMP:** 8.8 feet

WEATHER CONDITIONS: cloudy, rain, 60^0 F **SAMPLERS:** M. Akbar/ T. Conroy

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
15:15	0.25	5.40		0.02	7.36	1.55	21	0.01	9.7	205
15:20	1.2	5.40	470	0.02	7.36	1.55	12	0.0	9.7	-258
15:25	1.9	5.42	600	0.04	7.31	1.58	7	0.11	8.9	-264
15:30	2.8	5.40	650	0.02	7.30	1.55	0	0.0	8.8	-294
15:35	3.5	5.40	600	0.02	7.29	1.54	0	0.0	9.3	-293
15:40	4.3	5.38		0.00	7.29	1.55	0	0.0	9.7	-318
15:45	5.0	5.39		0.01	7.29	1.57	0	0.0	9.8	-323
15:50	5.8	5.38	700	0.00	7.28	1.57	5	0.0	9.4	-324
15:55	7.0	5.40	750	0.02	7.27	1.56	6	0.0	9.3	-326
16:00	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/01 **WELL #:** MW-9s

TIME: 12:30 **DEPTH OF PUMP:** 9.5 feet

WEATHER CONDITIONS: rain, 60^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:55	1.5	7.20	200	0.05	7.07	0.516	24	0.51	9.7	171
12:00	2.0	7.15	200	0.00	7.04	0.518	36	0.45	10.7	160
12:05	2.25	7.15	220	0.00	7.01	0.520	28	0.47	10.8	149
12:10	2.75	7.15	230	0.00	7.01	0.521	18	0.45	10.2	143
12:15	3.0	7.15	250	0.00	7.01	0.521	17	0.43	10.7	137
12:20	3.25	7.15	250	0.00	7.00	0.521	12	0.42	10.7	133
12:25	3.6	7.15	280	0.00	7.00	0.521	17	0.44	10.7	127
12:30	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/21/01 **WELL #:** MW-10s

TIME: 13:20 **DEPTH OF PUMP:** 9.0 feet

WEATHER CONDITIONS: cloudy, 55-70^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:15	1.0	7.17	630	0.02	6.67	0.523	8	1.41	12.0	136
11:21	2.0	7.17	500	0.02	7.01	0.515	4	0.15	11.9	40
11:27	2.5	7.17	310	0.02	6.99	0.515	23	0.30	12.6	-17
11:31	3.2	7.16	270	0.01	6.98	0.512	25	0.29	13.5	-26
11:37	3.5	7.16	310	0.01	6.97	0.508	47	0.17	15.1	-64
11:41	3.7	7.15	20	0.00	7.05	0.516	54	0.12	15.3	-92
11:47	4.1	7.17	450	0.02	7.02	0.515	53	0.28	16.6	-111
11:52	4.3	7.18	390	0.03	7.08	0.514	71	0.07	15.9	-148
11:57	5.0	7.17	410	0.02	7.10	0.513	66	0.07	14.7	-152
12:01	5.2	7.17	200	0.02	7.08	0.515	64	0.06	14.8	-167
12:05	5.9	7.16	300	0.01	7.10	0.513	26	0.06	15.1	-168
12:09	6.1	7.17	280	0.02	7.08	0.515	28	0.06	15.5	-173
12:14	6.5	7.17	220	0.02	7.12	0.515	26	0.08	15.7	-168
12:18	7.0	7.16	140	0.01	7.13	0.516	12	0.10	16.1	-174
12:22	7.1	7.16	170	0.01	7.16	0.514	11	0.21	16.3	-195
12:26	7.2	7.17	600	0.02	7.16	0.513	7	0.50	16.9	-123
12:32	7.5	7.20	650	0.05	7.17	0.518	7	0.17	15.7	-150

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/21/01 **WELL #:** MW-10s

TIME: 13:20 **DEPTH OF PUMP:** 9.0 feet

WEATHER CONDITIONS: rain, 55-70^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:36	8.0	7.20	630	0.05	7.20	0.521	6	0	13.2	-171
12:42	9.0	7.20	680	0.05	7.20	0.514	9	-0.03	11.6	-181
12:50	9.5	7.20		0.05	7.19	0.513	10	0	11.3	
12:59	14	7.19		0.04	7.18	0.513	5	0.01	10.7	91
13:03	16	7.17			7.16	0.512	5	-0.04	10.7	
13:08					7.11	0.510	5	-0.03	12.0	93
13:11					7.13	0.512	4	-0.04	10.0	100
13:15					7.11	0.511	2	-0.04	10.0	111
13:18	18	7.20	>1000	0.05	7.10	0.511	1	-0.05	9.8	111
13:20	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/21/01 **WELL #:** MW-10D

TIME: 17:25 **DEPTH OF PUMP:** 40 feet

WEATHER CONDITIONS: cloudy, 55-70^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
16:40	2.0	Artesian	1100		7.50	0.522	140	0.02	9.3	36
16:45	4.5		1600		7.47	0.525	56	0.0	9.0	11
16:50	7.0		1800		7.42	0.525	41	0.0	9.0	1
16:55	9.0		1800		7.38	0.525	42	0.0	8.9	-12
17:00	11.5		1700		7.32	0.525	41	0.0	8.9	-21
17:05	14.0		1700		7.26	0.525	43	0.0	8.9	-27
17:10	17.0		1700		7.21	0.525	30	0.0	8.9	-34
17:15	19.0		1700		7.17	0.525	28	0.0	8.9	-39
17:20	21.0		1700		7.17	0.525	28	0.0	8.9	-43
17:25	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/01 **WELL #:** MW-11s

TIME: 10:10 **DEPTH OF PUMP:**

WEATHER CONDITIONS: light rain, 60^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TOC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
09:10	0.5	5.65	510	0.07	6.60	0.550	117	0.40	8.1	133
09:15	1.1	5.60	220	0.02	6.76	0.553	107	0.18	8.2	97
09:20	1.5	5.62	220	0.04	6.82	0.553	104	0.22	8.4	78
09:25	1.75	5.63	220	0.05	6.85	0.550	24	0.0	8.4	57
09:30	2.0	5.62	210	0.04	6.87	0.555	39	0.0	8.5	36
09:35	2.3	5.62	210	0.04	6.87	0.555	8	0.0	8.4	18
09:40	2.6	5.62	210	0.04	6.87	0.555	0	0.07	8.4	2
09:45	2.9	5.60	210	0.02	6.87	0.555	0	0.02	8.3	-14
09:50	3.2	5.60	210	0.02	6.87	0.555	0	0.01	8.4	-25
09:55	3.4	5.60	210	0.02	6.86	0.555	4	0.0	8.5	-33
10:00	3.7	5.60	210	0.02	6.87	0.555	5	0.0	8.5	-50
10:05	4.0	5.60	210	0.02	6.86	0.555	4	0.0	8.3	-58
10:10	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/01 **WELL #:** MW-12s

TIME: 14:50 **DEPTH OF PUMP:** 11.0 feet

WEATHER CONDITIONS: rain, 65^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:25		9.41	200	0.10						
14:31		9.35	200	0.10	6.28	1.02	10	3.48	10.5	40
14:35	1.0	9.30	200	0.20	6.26	1.02	15	3.25	10.4	36
14:40	1.25	9.06	200	0.36	6.24	1.02	11	3.34	10.4	41
14:45	1.75	9.05	300	0.36	6.23	1.02	10	3.56	10.4	44
14:50	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/01 **WELL #:** MW-13s

TIME: 11:55 **DEPTH OF PUMP:** 12.5

WEATHER CONDITIONS: rain, 60° F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TOC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:46	-	11.76	-	-	-	-	-	-	-	-
11:10	3.0	11.76	1000	0.00	6.11	1.02	26	12.5	10.1	85
11:25	-	-	-	-	6.18	0.99	150	0.75	-	-
11:34	5.0	11.76	1000	0.00	6.13	1.04	42	1.27	13.6	82
11:40	7.0	11.77	1000	0.01	6.18	1.09	47	1.14	12.3	92
11:45	9.0	11.76	1000	0.00	6.17	1.02	15	1.93	12.8	97
11:50	11.0	-	1000	-	6.18	1.00	12	1.49	12.3	89
11:55	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/21/01 **WELL #:** MW-13D

TIME: 11:55 **DEPTH OF PUMP:** 38 feet

WEATHER CONDITIONS: sunny, 65^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:09	-	0.25		-	6.81	0.558	258	15.71	12.0	223
10:14	0.25	4.30		4.05	6.74	0.557	999	1.81	12.9	214
10:19	0.50	4.46		4.21	6.70	0.552	999	1.67	13.5	129
10:25	0.75	4.50		4.25	6.69	0.556	942	1.46	13.9	84
10:35	1.25	6.04		5.79	6.67	0.553	999	0.97	12.9	50
10:40	1.50	6.02		5.77	6.67	0.544	807	0.91	13.9	52
10:45	1.75	6.01		5.76	6.67	0.550	651	1.03	13.6	56
10:50	2.00	5.99		5.74	6.67	0.551	509	1.98	13.8	65
10:55	2.05	5.96		5.71	6.67	0.556	442	1.74	13.8	65
11:00	2.20	5.99		5.74	6.68	0.554	495	1.40	13.6	46
11:05	2.25	5.99		5.74	6.69	0.549	469	1.07	13.6	25
11:10	2.30	5.99		5.74	6.70	0.548	530	0.81	13.6	18
11:15	2.35	6.01		5.76	6.70	0.546	530	0.68	13.6	16
11:20	2.40	6.02		5.77	6.71	0.546	590	0.63	13.4	15
11:25	2.45	6.02		5.77	6.71	0.540	570	0.44	13.8	22
11:40	3.00	6.05		5.80	6.71	0.539	615	0.09	14.4	35
11:45	3.05	6.06		5.81	6.71	0.540	618	0.19	14.0	39

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/21/01 **WELL #:** MW-13D

TIME: 11:55 **DEPTH OF PUMP:** 38 feet

WEATHER CONDITIONS: sunny, 65^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:50	3.10	6.07		5.82	6.71	0.539	620	0.25	14.1	43
11:55	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/01 **WELL #:** MW-14s

TIME: 14:50 **DEPTH OF PUMP:** 10.0 feet

WEATHER CONDITIONS: rain, 65^0 F **SAMPLERS:** T. Conroy/ A. Haryani

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
16:44		12.41	1000							
16:54	1.0	12.81	1000		5.68	1.16	390	0.06	13.3	-262
16:59	1.5	12.99	1000		5.63	1.21	160	0.26	13.6	-272
17:03	2.0	12.99	1200		5.61	1.20	129	0.21	14.0	-296
17:07	2.5	12.99	1200		5.60	1.19	96	0.06	11.0	-276
17:10	2.75	12.99	1200		5.62	1.15	65	0.16	11.1	-274
17:13	3.25	13.01	1200		5.67	1.19	10	0.14	11.5	-272
17:16	3.50	13.01	1200		5.71	1.20	10	0.17	11.1	-266
17:19	4.0	13.14	1700		5.72	1.19	10	0.21	11.4	-263
17:20	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/01 **WELL #:** MW-15s

TIME: 09:50 **DEPTH OF PUMP:** 8.0 feet

WEATHER CONDITIONS: rain,55- 65^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
08:55	1.0	7.15	1200	0.05	6.82	0.522	23	0.15	9.7	150
09:00	1.5	7.15	50	0.05	6.91	0.549	20	0.13	10.0	136
09:05	2	7.15	700	0.05	6.91	0.552	0	0.0	10.3	105
09:10	2.75	7.16	250	0.06	6.92	0.551	6	0.04	10.3	85
09:15	3.1	7.18	720	0.06	6.92	0.552	5	0.0	9.9	65
09:20	4	7.18	700	0.08	6.92	0.550	3	0.0	10.8	40
09:30	6	7.17	500	0.07	6.91	0.552	4	0.0	10.8	-10
09:35	7.75	7.17	500	0.07	6.92	0.550	5	0.0	10.7	-20
09:40	8.0	7.17	400	0.07	6.91	0.552	6	0.0	10.8	-33
09:45	8.4	7.17	500	0.07	6.90	0.553	6	0.0	10.9	-43
09:50	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/16/02 **WELL #:** MW-2S

TIME: 15:45 **DEPTH OF PUMP:** 15 feet

WEATHER CONDITIONS: cloudy, 70^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:59		12.85	Begin	Purging						
15:01		12.85	560	0.00	7.64	0.600	109	13.96	7.76	133
15:05		12.85	510	0.00	7.46	0.590	29	10.90	8.98	118
15:10		12.85	520	0.00	7.42	0.597	17	9.87	8.89	126
15:15	2.7	12.85	300	0.00	7.44	0.586	5	9.02	9.46	129
15:20		12.85	310	0.00	7.40	0.586	7	8.42	10.64	130
15:25	3.6	12.85	310	0.00	7.41	0.586	5.4	8.31	10.92	130
15:30		12.85	310	0.00	7.42	0.584	4.9	8.18	11.09	131
15:35		12.85	320	0.00	7.42	0.584	4.6	8.08	11.27	134
15:40	4.8	12.85	300	0.00	7.43	0.585	3.7	8.07	11.37	134
15:45	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/15/02 **WELL #:** MW-3S

TIME: 11:55 **DEPTH OF PUMP:** 7 feet

WEATHER CONDITIONS: Sunny, 45° F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:00		3.40	Begin	Purging	7.22	0.991	286	4.97	11.4	38
11:05		3.40	500	0.0	7.12	1.01	268	4.58	11.4	39
11:10	1.2	3.41	420	0.01	7.08	1.02	225	3.71	12.1	25
11:15	2.0	3.41	490	0.01	7.06	1.02	123	3.43	12.1	11
11:20		3.41	550	0.01	7.04	1.03	121	3.15	11.9	-4
11:25	3.0	3.41	390	0.01	7.06	1.03	132	2.99	12.0	-13
11:30		3.41	380	0.01	7.06	1.03	135	2.93	12.8	-16
11:35	4.0	3.40	360	0.00	7.06	1.04	122	2.78	13.1	-18
11:40		3.41	330	0.01	7.06	1.03	129	2.67	13.4	-20
11:45		3.40	300	0.00	7.06	1.04	132	2.69	13.3	-22
11:50	6.0	3.40	300	0.00	7.06	1.03	130	2.65	13.5	-23
11:55	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/16/02 **WELL #:** MW-4S

TIME: 14:30 **DEPTH OF PUMP:** 10 feet

WEATHER CONDITIONS: Sunny, 65^0 F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:30		3.22	Begin	Purging						
13:35	0.8	3.25	600	0.03	8.53	0.483	51.3	3.45	11.45	112
13:40		3.25	600	0.03	8.61	0.485	21.5	3.35	12.03	97
13:45	2.4	3.25	600	0.03	8.66	0.484	23.8	3.26	12.2	96
13:50		3.25	600	0.03	8.68	0.485	15.0	3.21	12.23	95
13:55	4.0	3.25	600	0.03	8.71	0.485	17.3	3.18	12.46	94
14:00		3.25	600	0.03	8.73	0.483	19.3	3.10	12.43	92
14:05	5.6	3.25	600	0.03	8.74	0.484	20.9	3.08	12.44	90
14:10		3.25	600	0.03	8.76	0.483	23.2	3.06	12.34	83
14:15	7.2	3.25	600	0.03	8.78	0.482	25.2	3.07	12.28	77
14:20		3.25	600	0.03	8.79	0.482	27.4	3.04	12.21	73
14:25	8.8	3.25	600	0.03	8.79	0.481	31.0	3.04	12.26	72
14:30	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/02 **WELL #:** MW-4D

TIME: 09:30 **DEPTH OF PUMP:** 34 feet

WEATHER CONDITIONS: sunny, 45^0 F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
07:58		Flowing	Begin	Purging						
08:00		1.86	900	1.86	8.18	0.629	432	4.92	10.04	130
08:05	2	1.40	850	1.40	8.46	0.623	999	4.60	9.94	85
08:10		2.13	650	2.13	8.66	0.623	999	5.51	10.52	69
08:15	4	1.96	680	1.96	8.75	0.620	999	4.31	10.53	43
08:20		2.06	620	2.06	8.87	0.630	999	5.26	10.77	43
08:25		1.35	450	1.35	8.85	0.624	999	4.36	10.77	51
08:30		1.20	500	1.20	8.91	0.618	999	4.27	10.93	53
08:35	6.5	1.14	580	1.14	8.92	0.601	999	4.18	11.39	54
08:40		0.95	500	0.95	8.92	0.586	999	4.10	12.18	61
08:45	9.0	0.85	510	0.85	8.93	0.583	999	4.04	12.63	63
08:50		0.80	500	0.80	8.93	0.568	999	4.00	13.04	63
08:55	10.5	0.80	500	0.80	8.94	0.561	999	3.91	13.65	66
09:00		2.00	650	2.00	8.99	0.628	999	5.38	11.01	69
09:05		1.80	650	1.80	8.98	0.625	999	4.92	10.90	60
09:10	13.5	1.50	600	1.50	8.98	0.624	999	4.61	10.95	53
09:15		1.35	600	1.35	8.98	0.623	999	4.43	11.19	46

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/02 **WELL #:** MW-4D

TIME: 09:30 **DEPTH OF PUMP:** 34 feet

WEATHER CONDITIONS: sunny, 45^0 F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
09:20		1.17	550	1.17	8.99	0.623	999	4.45	11.20	44
09:25		1.05	540	1.05	8.99	0.624	999	4.43	11.26	41
09:30	17.0	1.00	550	1.00	9.00	0.623	999	4.70	11.35	39
09:30	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/16/02 **WELL #:** MW-5S

TIME: 09:15 **DEPTH OF PUMP:** 10 feet

WEATHER CONDITIONS: Partly cloudy, 50° F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
07:58		4.31	Begin	Purging						
08:00			2000		7.13	0.768	562	4.12	8.1	-70
08:05	2.5	4.32	150	0.01	7.26	0.754	999	3.19	9.6	-74
08:10		4.32	200	0.01	7.30	0.752	999	2.90	11.3	-102
08:15	3.0	4.32	270	0.01	7.31	0.746	999	2.75	11.9	-118
08:20		4.32	280	0.01	7.35	0.749	999	2.74	11.9	-126
08:25		4.32	290	0.01	7.27	0.790	Error	3.21	12.0	-108
08:30		4.32	290	0.01	7.32	0.780	Error	2.96	12.4	-125
08:35		4.33	290	0.01	7.32	0.783	Error	2.86	12.2	-137
08:50	5.0	4.32	290	0.01	6.92	0.645	71.2	6.80	11.63	-98
08:55		4.32	300	0.01	7.09	0.646	60.7	6.26	11.26	-110
09:00	6.5	4.32	300	0.01	7.20	0.641	24.3	5.44	11.90	-120
09:05		4.33	310	0.02	7.22	0.642	21.2	5.14	11.85	-124
09:10	7.2	4.33	300	0.02	7.23	0.642	19.2	5.00	12.03	-124
09:15	Collect	Sample								

Drawdown is not to exceed 0:3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Notes: Between 08:35 and 08:50 switched Horiba water quality instruments due to malfunction

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/15/02 **WELL #:** MW-5D

TIME: 14:55 **DEPTH OF PUMP:** 40.5 feet

WEATHER CONDITIONS: Sunny, 45° F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:27		Flowing	Begin	Purging						
13:32		3.85	1000	3.85	7.48	0.586	999	2.85	9.5	-74
13:35		3.90	1000	3.90	7.48	0.584	999	2.69	9.7	-87
13:40		4.05	1100	4.05	7.48	0.584	999	2.61	9.7	-94
13:45		4.05	950	4.05	7.49	0.587	999	3.40	9.9	-79
13:50		4.09	1000	4.09	7.47	0.591	999	2.73	9.8	-89
13:55	10	4.13	1000	4.13	7.47	0.592	851	2.62	9.8	-95
14:10		4.10	1000	4.10	7.47	0.591	624	2.59	9.8	-100
14:15	15.8	4.07	1000	4.07	7.48	0.591	629	2.97	9.8	-93
14:20		4.08	1000	4.08	7.48	0.591	680	2.66	9.8	-99
14:25		4.08	1000	4.08	7.48	0.590	609	2.64	9.6	-101
14:30	20	3.90	1000	3.90	7.49	0.590	578	2.59	9.8	-103
14:35	21	3.96	1000	3.96	7.50	0.590	498.0	2.57	9.9	-105
14:40	23	3.87	980	3.96	7.51	0.590	492.0	2.57	9.9	-106
14:45	24.3	3.84	1000	3.84	7.52	0.591	507	2.57	9.8	-106
14:50	27	3.85	1000	3.85	7.51	0.592	510	2.57	9.7	-105
14:55	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flow rate could not be reduced to 500 ml/min due to the hydrogeologic conditions of the well.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/16/02 **WELL #:** MW-6S

TIME: 13:45 **DEPTH OF PUMP:** 10 feet

WEATHER CONDITIONS: Partly cloudy, 65° F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:48		3.72	Begin	Purging						
12:53		3.73	180	0.01	6.95	0.800	338	13.40	12.6	-100
13:00		3.74	200	0.02	7.58	0.598	108	11.51	12.53	-61
13:05		3.75	210	0.03	7.44	0.587	2.6	10.03	12.17	-85
13:10		3.75	200	0.03	7.43	0.582	2.6	8.30	11.94	-87
13:15		3.76	490	0.04	7.39	0.585	5.5	7.63	10.75	-93
13:20	2	3.77	510	0.05	7.48	0.584	8.5	7.23	10.50	-100
13:25		3.77	500	0.05	7.40	0.580	12.9	6.88	10.47	-102
13:30	3.3	3.77	500	0.05	7.40	0.582	12.4	6.62	10.38	-103
13:35		3.77	500	0.05	7.40	0.581	18.0	6.26	10.43	-104
13:40	5.0	3.77	500	0.05	7.41	0.581	20.0	6.19	10.53	-104
13:45	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/16/02 **WELL #:** MW-6D

TIME: 11:30 **DEPTH OF PUMP:** 43 feet

WEATHER CONDITIONS: sunny to partly cloudy, 60° F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:40		Flowing	Begin	Purging						
10:45	5	Flowing	1000-2000	-	7.18	0.0	343	6.46	13.79	117
10:50		Flowing	1200	-	7.23	0.0	331	6.87	13.39	110
10:55	8	Flowing	1200	-	7.33	0.0	343	7.54	12.91	102
11:00		Flowing	1200	-	7.36	0.0	332	7.81	12.79	97
11:05	11	Flowing	1200	-	7.40	0.0	337	7.95	12.~~25~~ 52	94
11:10	12.7	Flowing	1200	-	7.43	0.0	338	8.02	12.33	93
11:15	14.3	Flowing	1200	-	7.45	0.0	335	8.07	12.25	92
11:20	15.9	Flowing	1200	-	7.46	0.0	337	8.10	12.18	93
11:25	17.5	Flowing	1200	-	7.48	0.0	334	8.06	12.26	92
11:30	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flowrate could not be reduced to 500 ml/min due to hydrogeologic conditions of well

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/16/02 **WELL #:** MW-7S

TIME: 09:05 **DEPTH OF PUMP:** 13 feet

WEATHER CONDITIONS: Sunny, 59^0 F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
08:05		7.85	Begin	Purging						
08:10	1.1	7.87	840	0.02	7.87	0.450	35.6	5.51	9.58	173
08:15		7.87	840	0.02	8.10	0.449	17.9	4.73	9.36	166
08:20	3.3	7.87	840	0.02	8.31	0.448	12.3	4.64	9.35	156
08:25		7.87	840	0.02	8.43	0.446	5.9	4.63	9.33	149
08:30	5.5	7.87	840	0.02	8.52	0.448	4.7	4.60	9.37	142
08:35		7.87	840	0.02	8.57	0.446	4.3	4.57	9.36	137
08:40	7.7	7.87	840	0.02	8.61	0.445	3.8	4.55	9.37	134
08:45		7.87	840	0.02	8.64	0.444	3.0	4.54	9.35	133
08:50	9.9	7.87	840	0.02	8.66	0.444	3.4	4.52	9.35	131
08:55		7.87	500	0.02	8.67	0.444	2.8	4.51	9.37	130
09:00	12.1	7.87	500	0.02	8.68	0.444	3.6	4.51	9.35	128
09:05	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/20/02 **WELL #:** MW-8S

TIME: 12:15 **DEPTH OF PUMP:** 9 feet

WEATHER CONDITIONS: cloudy, 45^0 F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:30		4.06	Begin	Purging						
11:42		4.08	500	0.02	8.68	0.789	13.6	4.68	9.21	-242
11:45		4.08	500	0.02	8.70	0.790	6.1	4.41	9.42	-250
11:50	2	4.08	480	0.02	8.69	0.794	-1.1	4.24	9.09	-261
11:55		4.08	500	0.02	8.68	0.792	-1.3	4.25	8.99	-267
12:00		4.08	500	0.02	8.68	0.791	-1.3	4.20	8.86	-273
12:05		4.08	500	0.02	8.67	0.794	-1.2	4.18	8.90	-275
12:10	4.8	4.08	500	0.02	8.67	0.795	-1.3	4.18	8.88	-278
12:15	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/15/02 **WELL #:** MW-9S

TIME: 15:45 **DEPTH OF PUMP:** 12 feet

WEATHER CONDITIONS: Sunny, 55-60^0 F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:50		3.59	Begin	Purging						
14:55		3.66	500	0.07	8.79	0.804	92.3	3.30	11.33	80
15:00	1.3	3.66	500	0.07	8.68	0.831	26.5	3.25	11.01	42
15:05		3.66	500	0.07	8.67	0.828	21.6	3.17	11.33	34
15:10	2.6	3.66	500	0.07	8.77	0.836	14.8	3.33	9.76	29
15:15		3.66	500	0.07	8.80	0.833	13.4	3.29	9.81	30
15:20	4.0	3.66	500	0.07	8.82	0.832	7.9	3.30	9.78	30
15:25		3.66	500	0.07	8.83	0.832	5.3	3.31	9.74	31
15:30	5.3	3.66	500	0.07	8.83	0.837	5.7	3.33	9.58	31
15:35		3.66	500	0.07	8.82	0.833	3.1	3.32	9.68	32
15:40	7.2	3.66	500	0.07	8.77	0.831	3.6	3.32	9.67	33
15:45	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/15/02 **WELL #:** MW-10S

TIME: 11:25 **DEPTH OF PUMP:** 10 feet

WEATHER CONDITIONS: Partly sunny, 50^0 F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:42		3.42	Begin	Purging						
10:45	1.2	3.40	1500	+0.02	8.82	0.882	50.5	4.09	8.10	-109
10:50		3.40	1500	+0.02	8.75	0.879	31.1	3.62	8.00	-116
10:55	5.2	3.40	1500	+0.02	8.76	0.880	43.0	3.52	7.98	-122
11:00		3.40	1500	+0.02	8.77	0.877	4.8	3.44	8.05	-128
11:05	9.2	3.40	1500	+0.02	8.78	0.876	6.2	3.45	7.98	-131
11:10		3.40	1500	+0.02	8.79	0.875	4.8	3.42	7.97	-134
11:15	13.2	3.40	1500	+0.02	8.79	0.873	5.3	3.39	8.03	-135
11:20		3.40	1500	+0.02	8.80	0.870	5.3	3.40	8.02	-137
11:25	Sample	Collected								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flowrate could not be reduced to 500 ml/min due to the hydrogeologic conditions of well

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/15/02 **WELL #:** MW-10D

TIME: 10:00 **DEPTH OF PUMP:** 40 feet

WEATHER CONDITIONS: overcast, breezy, 40° F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
09:10		Flowing	Begin	Purging						
09:15	6.0	Flowing	4500	-	8.05	1.12	170.0	3.80	8.95	-95
09:20		Flowing	3600	-	8.52	1.11	89.8	3.47	8.97	-110
09:25	11.0	Flowing	3600	-	8.67	1.10	86.2	3.39	8.98	-112
09:30		Flowing	3800	-	8.74	1.10	79.8	3.41	8.98	-116
09:35	21.0	Flowing	3800	-	8.79	1.09	74.0	3.38	8.97	-116
09:40		Flowing	3800	-	8.84	1.09	74.5	6.11	9.00	-118
09:45	31.0	Flowing	3800	-	8.85	1.09	73.5	5.81	9.02	-119
09:50		Flowing	3800	-	8.86	1.08	74.2	5.48	9.05	-121
09:55	41.0	Flowing	3800	-	8.87	1.08	77.3	5.09	9.01	-122
10:00	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flowrate could not be reduced to 500 ml/min due to hydrogeologic conditions of well

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/14/02 **WELL #:** MW-11S

TIME: 12:05 **DEPTH OF PUMP:** 16 feet

WEATHER CONDITIONS: overcast, 45^0 F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:16		3.41	Begin	Purging						
11:20	0.5	3.70	500	0.29	8.61	0.806	999	4.56	8.39	-131
11:25		3.70	500	0.29	8.65	0.802	214	4.06	8.70	-136
11:30	1.8	3.70	500	0.29	8.69	0.800	86.8	3.99	8.86	-144
11:35		3.70	500	0.29	8.72	0.801	69.4	3.90	8.86	-148
11:40	3.1	3.70	500	0.29	8.74	0.797	60.3	3.72	8.96	-150
11:45		3.70	500	0.29	8.75	0.797	45.2	3.63	8.93	-155
11:50	4.4	3.70	500	0.29	8.76	0.795	39.4	3.60	8.91	-158
11:55		3.70	500	0.29	8.78	0.795	38.0	3.61	8.97	-162
12:00		3.70	500	0.29	8.78	0.794	29.1	3.51	8.97	-168
12:05	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/15/02 **WELL #:** MW-12S

TIME: 09:40 **DEPTH OF PUMP:** 8.5 feet

WEATHER CONDITIONS: Sunny, 45^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
08:58		8.04	Begin	Purging						
09:05		7.83	480-700	0.21	7.01	0.880	404	4.23	9.8	-97
09:07	2.0	7.88	500	0.26	7.03	0.880	191	3.84	10.5	-104
09:10		7.88	420	0.26	7.04	0.878	103	3.37	10.6	-111
09:15	3.0	7.88	450	0.26	7.03	0.874	68	3.40	11.6	-109
09:20		7.88	450	0.26	7.03	0.876	53.6	3.41	11.4	-111
09:25	3.9	7.89	440	0.27	7.04	0.878	48.2	3.26	11.4	-112
09:30		7.89	450	0.27	7.04	0.880	45.2	3.25	11.3	-112
09:35	5.0	7.89	440	0.27	7.04	0.884	42.0	3.21	11.4	-111
09:40	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/14/02 **WELL #:** MW-13S

TIME: 13:05 **DEPTH OF PUMP:** 11 feet

WEATHER CONDITIONS: Cloudy, rain, 45° F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:38		9.39	Begin	Purging						
11:42		9.40	300-400	0.01	7.70	1.52	122	3.17	9.9	-124
11:45		9.50	290	0.11	7.67	1.51	100	2.95	10.9	-135
11:50		9.52	250	0.13	7.66	1.50	92.2	2.89	12.7	-141
11:55		9.53	300	0.14	7.68	1.48	89	2.74	12.7	-146
12:00	2.5	9.53	120	0.14	7.69	1.51	110	2.63	12.2	-151
12:05		9.53	300	0.14	7.64	1.50	110	2.69	13.8	-150
12:10	3.0	9.53	290	0.14	7.65	1.50	84.4	2.43	13.8	-155
12:15	5.0	9.54	300-600	0.15	7.71	1.44	82.7	2.59	11.1	-162
12:20		9.54	140-450	0.15	7.68	1.45	88.5	2.51	11.7	-164
12:25		9.54	370	0.15	7.69	1.47	85.6	2.43	12.8	-163
12:30	6-7	9.54	300	0.15	7.67	1.48	85.2	2.40	13.2	-165
12:35		9.54	140	0.15	7.67	1.48	89.9	2.33	13.5	-168
12:40	7.0	9.54	100-600	0.15	7.67	1.49	92.3	2.37	13.2	-169
12:45		9.54	200-600	0.15	7.67	1.45	110	4.02	11.0	-160
12:50	10.0	9.54	200-600	0.15	7.68	1.43	101	2.72	9.9	-174
12:55		9.54	420	0.15	7.69	1.44	95.6	2.59	11.1	-173

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/14/02 **WELL #:** MW-13S

TIME: 13:05 **DEPTH OF PUMP:** 11 feet

WEATHER CONDITIONS: Cloudy, rain, 45^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:00	11.5	9.54	420	0.15	7.66	1.46	90	2.53	11.4	-175
13:05	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/14/02 **WELL #:** MW-13D

TIME: 16:35 **DEPTH OF PUMP:** 38 feet

WEATHER CONDITIONS: Cloudy,rain, 45^0 F **SAMPLERS:** M. Akbar/ R. Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:59			Begin	Purging						
15:15		12.70	0-700	11.5	8.06	0.855	999	4.42	11.4	24
15:20	4	12.40	500	11.6	8.04	0.794	999	4.31	11.3	20
15:25	5	12.25	500	11.45	8.01	0.811	999	3.47	11.1	20
15:35	6	10.0	Pump	binds up due	to silt	content in	water pull	pump lower	back down	and restart
15:45	9	14.3	450	13.50	8.07	0.821	562	3.81	11.4	24
15:55	10	14.2	700	13.40	8.01	0.801	562	3.48	11.7	9
16:00	Generator	runs out of	gas, stop	pump and restart	at 16:15					
16:20	12	8.9	320	8.1	8.00	0.824	999	4.12	10.7	28
16:25		8.4	300	7.6	8.01	0.830	999	3.82	10.5	24
16:30	12.5	8.2	350	7.40	8.00	0.820	999	3.82	10.6	23
16:35	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/14/02 **WELL #:** MW-14S

TIME: 10:10 **DEPTH OF PUMP:** 13 feet

WEATHER CONDITIONS: Cloudy, rain, 40^0 F **SAMPLERS:** M. Akbar/ R.Forstner

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
09:05		10.80	Begin	Purging						
09:07		10.80	400	0.0	6.17	0.0	19.4	9.27	10.2	147
09:08		10.80	370	0.0	6.19	0.0	32	9.01	10.7	147
09:11		10.80	370	0.0	5.81	0.0	0.7	8.75	11.3	151
09:14		10.80	330	0.0	5.68	0.0	122	8.58	11.8	161
09:18		10.80	320	0.0	6.42	0.005	126	8.56	11.9	125
09:22		10.80	320	0.0	6.74	1.79	120	5.28	12.4	110
09:25	2.5	10.81	310	0.01	6.76	1.81	130	4.32	12.2	103
09:30		10.81	300	0.01	6.75	1.80	96	6.11	12.7	100
09:35		10.81	360	0.01	6.76	1.80	75	2.57	12.6	96
09:40		10.82	310	0.02	676	1.80	68	2.47	12.8	95
09:45		10.82	300	0.02	6.76	1.80	77	2.44	12.6	93
09:50		10.82	300	0.02	6.76	1.80	63	2.43	12.8	93
09:55		10.82	300	0.02	6.77	1.81	71	2.43	12.5	92
10:00	5.0	10.81	220	0.01	6.77	1.81	70	2.45	12.7	93
10:10	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/15/02 **WELL #:** MW-15S

TIME: 14:00 **DEPTH OF PUMP:** 9 feet

WEATHER CONDITIONS: Sunny, 59^0 F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
13:18		3.81	Begin	Purging						
13:20		3.87	600	0.06	9.18	1.31	782.0	4.05	12.78	-4
13:25	1.0	3.87	600	0.06	8.95	1.32	99.8	9.74	10.44	-14
13:30		3.87	500	0.06	8.86	1.33	45.1	3.50	11.61	-29
13:35	2.3	3.87	500	0.06	8.88	1.33	21.6	3.25	11.02	-23
13:40		3.87	500	0.06	8.90	1.33	10.2	3.24	10.92	-19
13:45	3.6	3.87	500	0.06	8.92	1.34	7.2	3.21	10.82	-20
13:50		3.87	500	0.06	8.92	1.34	4.1	3.19	10.90	-18
13:55	5.0	3.87	500	0.06	8.92	1.33	0.7	3.16	10.94	-18
14:00	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/16/02 **WELL #:** RMW-4B

TIME: 11:00 **DEPTH OF PUMP:** 61 feet

WEATHER CONDITIONS: Sunny, 60° F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:24		Flowing	Begin	Purging						
10:25	0.8	Flowing	3000	-	8.93	0.398	75.2	11.76	9.86	155
10:30		Flowing	3000	-	8.90	0.396	52.4	10.61	9.83	144
10:35	8.8	Flowing	3000	-	8.91	0.394	35.6	10.20	9.81	140
10:40		Flowing	3000	-	8.92	0.392	36.0	9.87	9.81	139
10:45	16.7	Flowing	3000	-	8.93	0.390	36.4	9.45	9.87	138
10:50		Flowing	3000	-	8.94	0.388	23.7	9.13	9.87	137
10:55	24.6	Flowing	3000	-	8.96	0.386	28.3	8.76	9.87	137
11:00	Collect	Sample	400							

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flow rate could not be reduced to 500 ml/min due to the hydrogeologic conditions of well

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/20/02 **WELL #:** RMW-9D

TIME: 10:20 **DEPTH OF PUMP:** 40 feet

WEATHER CONDITIONS: cloudy, 40^0 F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
08:43		Flowing	Begin	Purging						
08:45		1.81	1800	1.81	8.03	0.481	165	9.35	8.58	90
08:50		1.94	1300	1.94	8.27	0.472	209	8.28	9.13	13
08:55	5	1.94	1250	1.94	8.37	0.467	339	8.83	9.20	22
09:00		1.89	1200	1.89	8.46	0.466	654	8.62	9.21	0
09:05		1.69	1200	1.69	8.52	0.460	999	7.36	9.23	-44
09:10	10.5	1.36	1000	1.36	8.52	0.462	999	6.94	9.34	-99
09:15		1.15	1000	1.15	8.57	0.478	999	6.49	9.17	-123
09:20	13.5	1.05	1000	1.05	8.59	0.489	999	6.20	9.18	-128
09:25		0.91	1000	0.91	8.61	0.493	999	5.89	9.22	-128
09:30	16.5	0.70	1000	0.70	8.62	0.498	999	5.61	9.12	-130
09:35		0.60	1000	0.60	8.62	0.500	999	5.30	9.28	-132
09:40	20.0	0.60	1000	0.60	8.63	0.498	999	5.01	9.52	-132
09:45		0.50	1000	0.50	8.64	0.496	999	4.84	9.46	-131
09:50		0.50	1000	0.50	8.65	0.491	999	4.56	9.53	-133
09:55	25	0.50	1000	0.50	8.65	0.490	999	4.47	9.52	-132
10:00		0.70	1100	0.70	8.65	0.494	999	4.32	9.52	-128

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flowrate could not be reduced to 500 ml/min due to the hydrogeologic conditions of well

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/20/02 **WELL #:** RMW-9D

TIME: 10:20 **DEPTH OF PUMP:** 40 feet

WEATHER CONDITIONS: cloudy, 40° F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:05	28.5	0.67	1100	0.67	8.66	0.501	999	4.24	9.75	-131
10:10	30.0	0.67	1100	0.67	8.67	0.495	999	4.20	9.81	-135
10:15	31.5	0.67	1100	0.67	8.65	0.497	999	4.12	9.81	-137
10:20	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flowrate could not be reduced to 500 ml/min due to the hydrogeologic conditions of well

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/14/02 **WELL #:** RMW-11D

TIME: 09:25 **DEPTH OF PUMP:** 30 feet

WEATHER CONDITIONS: overcast, 45^0 F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
08:33		1.97	Begin	Purging						
08:35	0.5	1.97	1000	0.00	7.91	0.587	-1.3	8.80	8.96	160
08:40		2.26	1000	0.29	8.18	0.581	-1.5	8.49	9.1	162
08:45	3.1	2.28	1000	0.31	8.39	0.578	-1.2	8.43	9.12	167
08:50		2.28	1000	0.31	8.49	0.576	-1.1	8.37	9.11	171
08:55	5.7	2.28	1000	0.31	8.54	0.575	-1.1	8.39	9.10	174
09:00		2.28	1000	0.31	8.58	0.576	-0.9	8.10	9.09	176
09:05	8.3	2.28	1000	0.31	8.60	0.575	-0.7	8.53	9.09	172
09:10		2.28	1000	0.31	8.63	0.573	1.9	8.38	9.12	176
09:15	11.0	2.28	1000	0.31	8.64	0.572	3.7	8.35	9.13	176
09:20		2.28	500	0.31	8.66	0.571	8.5	8.32	9.15	174
09:25	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/14/02 **WELL #:** RMW-11B

TIME: 14:45 **DEPTH OF PUMP:** 60 feet

WEATHER CONDITIONS: Rain, 45° F **SAMPLERS:** A. Dodge/ J. Higgins

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP °C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:03		Flowing	Begin	Purging						
14:05	1.4	Flowing	2700	-	8.93	0.620	49.6	6.39	8.85	38
14:10		Flowing	2700	-	8.88	0.616	42.9	6.17	9.01	44
14:15	8.5	Flowing	2700	-	8.88	0.610	44.7	6.11	9.06	47
14:20		Flowing	2700	-	8.88	0.602	50.8	6.25	9.04	52
14:25	15.6	Flowing	2700	-	8.88	0.597	60.1	6.29	9.09	54
14:30		Flowing	2700	-	8.89	0.616	19.3	6.63	9.04	57
14:35		Flowing	2700	-	8.90	0.613	19.3	6.43	9.10	59
14:40		Flowing	2700	-	8.90	0.611	20.1	6.47	9.09	60
14:45	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

Note: Flowrate could not be reduced to 500 ml/min due to hydrogeologic conditions of well

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/02 **WELL #:** RMW-16S

TIME: 09:35 **DEPTH OF PUMP:** 13 feet

WEATHER CONDITIONS: Sunny, 45^0 F **SAMPLERS:** A. Dodge/ M. Akbar

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
07:58		9.70	Start	Purging						
08:00		9.72	300	0.02	7.62	0.91	3.4	6.35	8.53	55
08:05		9.72	400	0.02	7.81	0.91	7.2	6.25	8.93	41
08:10		9.74	510	0.04	7.89	0.718	5.3	5.58	9.70	32
08:15		9.76	500	0.06	7.96	0.712	4.9	5.09	10.29	32
08:20		9.75	300-600	0.05	7.99	0.712	11.5	5.35	10.98	20
08:25		9.75	300-600	0.05	8.03	0.709	9.1	4.70	11.46	11
08:30	3	9.76	300-600	0.06	8.04	0.700	6.4	5.43	11.56	4
08:35	5	9.83	1500	0.13	8.07	0.702	7.1	4.47	9.81	2
08:40		9.80	700	0.10	8.06	0.709	5.6	4.86	9.83	5
08:45		9.80	750	0.10	8.05	0.709	18.7	4.98	10.24	7
08:50	8	9.80	700	0.10	8.05	0.709	57.9	4.87	10.30	14
08:55		9.80	700	0.10	8.06	0.710	33.1	4.88	10.27	15
09:00	10	9.80	700	0.10	8.05	0.710	30.7	5.00	10.18	20
09:05		9.80	700	0.10	8.05	0.713	19.4	5.14	10.14	26
09:10		9.80	700	0.10	8.06	0.715	25.1	5.32	10.06	29

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/02 **WELL #:** RMW-16S

TIME: 09:35 **DEPTH OF PUMP:** 13 feet

WEATHER CONDITIONS: Sunny, 45^0 F **SAMPLERS:** A. Dodge/ M. Akbar

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
09:15	13	9.80	700	0.10	8.06	0.715	23.7	5.36	10.13	31
09:20	14	9.80	700	0.10	8.07	0.714	4.9	5.46	10.14	32
09:25	15	9.80	700	0.10	8.07	0.715	4.0	5.52	10.18	34
09:30		9.80	700	0.10	8.07	0.715	3.2	5.58	10.22	34
09:35	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/02 **WELL #:** RMW-16D

TIME: 15:25 **DEPTH OF PUMP:** 60 feet

WEATHER CONDITIONS: sunny, 65^0 F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:42		Flowing	Begin	Purging						
14:45		2.43	1000	2.43	9.04	0.416	38.3	3.59	9.85	-64
14:50	2.5	2.78	450	2.78	9.13	0.413	18.4	3.35	10.73	-72
14:55		3.41	350	3.41	9.20	0.413	18.1	3.36	11.04	-71
15:00		3.77	300	3.77	9.17	0.413	18.4	3.35	11.21	-71
15:05	4.25	4.14	490	4.14	9.17	0.413	17.8	3.41	10.82	-73
15:10		4.65	320	4.65	9.17	0.413	19.7	3.37	11.00	-74
15:20	6.0	5.55	400	5.55	9.17	0.412	22.4	3.28	11.25	-80
15:25	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/22/02 **WELL #:** RMW-16B

TIME: 12:30 **DEPTH OF PUMP:** 80 feet

WEATHER CONDITIONS: Sunny, 60^0 F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
11:20		Flowing	Begin	Purging						
11:25		Flowing	600	-	8.67	0.641	16.7	3.86	10.58	113
11:30	4	Flowing	530	-	8.65	0.613	12.5	3.69	10.80	96
11:35		Flowing	530	-	8.73	0.571	11.2	3.60	11.16	60
11:40		Flowing	500	-	8.77	0.560	11.7	3.62	11.29	43
11:45	6.25	Flowing	530	-	8.83	0.557	13.7	3.74	11.39	35
11:50		Flowing	530	-	8.85	0.561	14.5	3.96	11.48	42
11:55		Flowing	600	-	8.86	0.564	15.7	4.13	11.53	52
12:00		Flowing	600	-	8.86	0.570	16.1	4.27	11.55	60
12:05	9	Flowing	500	-	8.85	0.574	16.6	4.44	11.54	68
12:10		Flowing	510	-	8.85	0.579	17.1	4.57	11.62	76
12:15		Flowing	500	-	8.84	0.583	16.9	4.69	11.57	82
12:20		Flowing	500	-	8.84	0.585	17.0	4.75	11.60	86
12:25	12.0	Flowing	500	-	8.84	0.590	17.6	4.82	11.73	89
12:30	12.5	Flowing	500	-	8.84	0.591	17.8	4.85	11.74	91
12:30	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/21/02 **WELL #:** RMW-17S

TIME: 15:05 **DEPTH OF PUMP:** 20 feet

WEATHER CONDITIONS: overcast, 45^0 F **SAMPLERS:** M. Akbar/ A. Dodge

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:12		8.16	Begin	Purging						
14:15		8.18	480	0.02	8.73	2.18	23.5	6.02	9.12	-272
14:20	1.5	8.18	470	0.02	8.65	2.20	14.1	5.64	9.88	-275
14:25		8.18	480	0.02	8.61	2.22	10.4	4.83	10.58	-283
14:30	2.8	8.18	410	0.02	8.57	2.27	9.8	4.57	10.73	-286
14:35		8.17	390	0.01	8.53	2.41	7.4	4.28	11.00	-292
14:40	3.8	8.17	300	0.01	8.49	2.57	9.0	4.22	11.55	-298
14:45	4.6	8.18	700	0.02	8.50	2.67	10.5	4.11	10.69	-303
14:50		8.17	540	0.01	8.49	2.75	9.4	3.94	10.86	-306
14:55		8.17	490	0.01	8.48	2.77	11.0	3.90	10.90	-307
15:00	7	8.17		0.01	8.48	2.77	11.5	3.91	10.94	-309
15:05	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/02 **WELL #:** RMW-18S

TIME: 15:25 **DEPTH OF PUMP:** 10 feet

WEATHER CONDITIONS: Sunny, 70^0 F **SAMPLERS:** A. Dodge/ M. Akbar

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
14:45		3.22	Start	Purging						
14:50		3.24	610	0.02	7.72	0.650	68.9	12.65	12.98	117
14:55		3.25	320	0.03	7.51	0.643	55.5	10.52	14.86	122
15:00	2.0	3.25	580	0.03	7.61	0.668	52.3	10.85	12.65	123
15:05		3.25	600	0.03	7.63	0.667	49.6	10.67	12.76	124
15:10	3.8	3.25	600	0.03	7.66	0.659	50.1	10.16	12.64	126
15:15		3.25	600	0.03	7.68	0.651	50.4	9.69	12.91	126
15:20	5.5	3.25	600	0.03	7.70	0.649	50.6	9.60	12.92	126
15:25	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

DATE: 05/23/02 **WELL #:** RMW-18D

TIME: 12:55 **DEPTH OF PUMP:** 24 feet

WEATHER CONDITIONS: Sunny, 70^0 F **SAMPLERS:** A. Dodge/ M. Akbar

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
10:58		Flowing	Begin	Purging						
11:05	2.5	Flowing	700	-	8.22	0.461	999	5.73	11.20	95
11:10		Flowing	700	-	8.22	0.461	999	5.53	11.11	87
11:15	3.5	Flowing	400	-	8.22	0.459	999	4.95	12.50	75
11:20		Flowing	400	-	8.24	0.458	880	4.89	12.96	73
11:25		Flowing	400	-	8.25	0.459	524	4.95	12.95	67
11:30	5.0	Flowing	400	-	8.26	0.460	476	4.98	12.77	56
11:35		Flowing	390	-	8.28	0.459	517	4.96	12.80	48
11:40		Flowing	400-1000	-	8.29	0.464	560	12.17	10.79	21
11:45		Flowing	540	-	8.27	0.462	384	11.26	11.49	10
11:50	8.9	Flowing	510	-	8.27	0.461	293	10.88	11.77	5
11:55		Flowing	520	-	8.28	0.460	279	10.61	11.72	5
12:00	10.0	Flowing	500	-	8.29	0.459	292	10.22	11.99	-1
12:05		Flowing	510	-	8.29	0.457	298	9.69	12.10	-6
12:10		Flowing	520	-	8.29	0.460	202	9.39	11.85	-13
12:15	12.8	Flowing	510	-	8.30	0.457	157	8.80	12.18	-17
12:20		Flowing	510	-	8.30	0.459	125	8.39	11.99	-24
12:25	14.0	Flowing	510	-	8.29	0.456	144	7.88	12.45	-26

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.

LOW FLOW GROUNDWATER SAMPLING

SITE NAME: Hiteman Leather

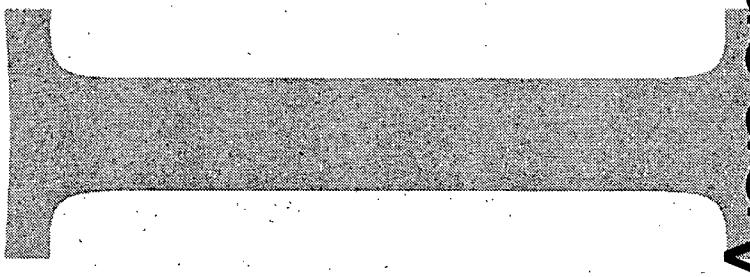
DATE: 05/23/02 **WELL #:** RMW-18D

TIME: 12:55 **DEPTH OF PUMP:** 24 feet

WEATHER CONDITIONS: Sunny, 70^0 F **SAMPLERS:** A. Dodge/ M. Akbar

TIME (MIN)	VOLUME PURGED (GALS)	DEPTH TO WATER (FT TIC)	FLOW RATE (ml/min)	DRAWDOWN FEET (+/- 0.3 FT)	pH (+/- 0.1 SU)	SPECIFIC COND. mS/cm (+/- 3%)	TURBIDITY NTUs (+/- 10%)	DISSOLVED OXYGEN mg/L (+/- 10%)	TEMP ^{0}C (+/- 10%)	REDOX POTENTIAL mV (+/- 10 mv)
12:30		Flowing	520	-	8.30	0.453	185	7.56	12.46	-26
12:35		Flowing	510	-	8.30	0.455	216	7.28	12.24	-30
12:40		Flowing	500	-	8.30	0.456	131	7.12	12.17	-32
12:45		Flowing	500	-	8.30	0.456	156	6.90	12.36	-34
12:50	17.5	Flowing	500	-	8.30	0.456	108	6.90	12.35	-35
12:55	Collect	Sample								

Drawdown is not to exceed 0.3 of a foot. Flow rate should not exceed 500 ml/min during purging or 250 ml/min during sampling. Readings should be taken every three to five minutes. The well is considered stabilized and ready for sampling when the indicator parameters have stabilized for three consecutive readings by the measurements indicated in parenthesis.



Appendix I

APPENDIX I

WETLAND DELINEATION REPORT

Section 1
Introduction

1.1 Purpose of Study

The purpose of this study is to provide data regarding a determination of the extent of State of New York Department of Environmental Conservation (NYSDEC) and US Army Corps of Engineers (Corps) regulatory jurisdiction over wetlands and waters for the Hiteman Leather Site, in the Village of West Winfield, Herkimer County, New York. The wetland delineation was performed as part of Remedial Investigation Feasibility Study (RIFS) for the Hiteman Leather Site.

1.2 Site Description

The Hiteman Leather Site is a 14-acre (ac) (5.7 hectare [ha]) parcel located along the Unadilla River in West Winfield, New York (Figure 1). The site is bounded by the Unadilla River to the south, a cemetery to the west, residential\commercial developments to the north, and Route 51 to the east.

The site is predominately open and vegetated primarily by young and old fields. Wooded areas are largely limited to thin bands along the site's borders.

The site's processing facility was located on higher elevations in the eastern portion of the site. The facility has been demolished and now only the foundation and construction debris remains. The central portion of the site was occupied by settling lagoons that measured approximately 1.3 ac (0.5 ha) in size. The on-site lagoons have been filled in and are now young/old fields. In the western portion of the site, wetlands are present. The site's western boundary is marked by a steep slope, rising approximately 20 feet (ft) (6 meters [m]) in elevation.

The site, especially the wetlands, has been heavily contaminated via past manufacturing operations. During the wetland delineation, soils were observed to be stained blue, green, orange, and white.

Section 2
Wetland Delineation Methods

2.1 Corps of Engineers Guidance

2.1.1 General

The US Army Corps of Engineers (Corps) regulates "waters of the United States," the degradation or destruction of which could affect interstate or foreign commerce, pursuant to Section 404 of the Clean Water Act (CWA) (33 U S C 1344) (hereafter referred to as Section 404). The term "waters of the United States" includes navigable lakes, rivers, streams, tributaries to navigable waters, all waters that are subject to the ebb and flow of the tide, interstate waters, and tributaries. Waters of the United States also include wetlands, adjacent to any of the above, and all other waters not identified above, such as isolated wetlands, lakes, intermittent streams, and other waters.

The interpretation of "interstate and foreign commerce" is broad and extends to waters that are presently used, have been used in the past, or may be susceptible for use by interstate or foreign travelers for recreation, waters from which fish or shellfish are or could be taken and sold in interstate or foreign commerce, waters which are or could be used by industries in interstate commerce, and waters which are or could be used by migratory birds or waterfowl. While the determination of wetlands is the focus of this report, it must be emphasized that waters in general are subject to regulation, since in all likelihood such waters would be considered "waters of the United States."

The Corps (Federal Register, 1982) and the US Environmental Protection Agency (USEPA) (Federal Register, 1980) jointly define wetlands as "[T]hose areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions."

From this definition, the Corps developed a three-parameter method to evaluate areas of land for the existence and extent of wetlands, based on the presence of hydrophytic vegetation, hydric soils, and wetland hydrology. This method is primarily contained in the Wetland Delineation Manual (1987). Generally, an area must exhibit all three parameters in order to be considered a wetland.

A detailed field sampling methodology was developed and published in the Federal Manual, based on the following definitions of the three parameters:

- Hydrophytic Vegetation - Plant life growing in water or on a substrate that is at least periodically deficient in oxygen as a result of excessive water content.
- Hydric Soil - A soil that is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper zone.
- Wetland Hydrology - Permanent or periodic inundation of prolonged soil saturation sufficient to create anaerobic conditions in the soil.

2.1.2 Hydrophytic Vegetation

Hydrophytic vegetation is adapted to life in permanently or periodically inundated or saturated soils. There are five main plant indicator status categories, based on the plant species' frequency of occurrence in wetlands:

Obligate wetland plants (OBL) occur almost always (estimated probability >99 percent) in wetlands under natural conditions, but may also occur rarely (estimated probability <1 percent) in no wetlands;

Facultative wetland plants (FACW) usually occur in wetlands (estimated probability >67-99 percent), but occasionally are found in non wetlands (estimated probability 1-33 percent);

Facultative plants (FAC) are equally likely to occur in wetlands or nonwetlands (estimated probability 33-67 percent);

Facultative upland plants (FACU) usually occur in nonwetlands (estimated probability >67-99 percent), but occasionally are found in wetlands (estimated probability 1-<33 percent); and

Upland plants (UPL) occur rarely (estimated probability <1 percent) in wetlands, but occur almost always (estimated probability >99 percent) in nonwetlands.

The three facultative categories are subdivided by "+" and "-" modifiers. FAC+ species, for example, have a greater probability of occurring in wetlands than FAC species, while FAC- species have a lesser estimated probability of occurring in wetlands than FAC species.

An area is considered to have hydrophytic vegetation when, under normal circumstances, more than 50 percent of the dominant species are OBL, FACW, or FAC species. For this report a specific species indicator status was based upon the "National List of Vascular Plant Species That Occur in Wetlands: 1996 Northeast". Additional indicators of wetland vegetation include:

- Observation of plant species growing in areas of prolonged inundation and/or soil saturation
- Morphological adaptations
- Information from technical literature
- Physiological adaptations
- Reproductive adaptations

The dominant species in the plant community at the Hiteman Leather Site were determined and categorized as to their adaptation to life in anaerobic soil conditions as per there likely hood to occur in wetlands (e.g., OBL, FACW, etc.).

2.1.3 Hydric Soils

Hydric soil is defined in the Federal Manual as soil that is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions favoring the growth and regeneration of hydrophytic vegetation. Indicators of hydric soils can be placed into two categories:

- soil series and phases on the national and state hydric soils lists; and
- field indicators of hydric soils. In addition, the delineation may utilize direct evidence of hydric soil, such as observation of ponding, flooding, and saturation, taking into account factors such as the time of year and likely duration. Direct evidence may be the only indication of wetland conditions in newly developing soils or in areas of recent change. The US Department of Agriculture (USDA), Soil Conservation Service (SCS), in conjunction with the National Technical Committee for Hydric Soils, has developed national and state lists of hydric soils (National Technical Committee for Hydric Soils, 1991).

The presence of any one of the following field-identifiable factors may indicate that hydric soils are present:

- Organic soils contain a high amount of organic matter and water content
- Histic epipedon is a 8 to16 inch (20-41 cm-) layer of a mineral hydric soil at or near the surface that is saturated for 30 consecutive days or more in most years and contains a minimum of 20 percent of organic matter when no clay is present or a minimum of 30 percent of organic matter when 60 percent or greater clay is present
- Sulfidic materials in mineral soils emit an odor of rotten eggs. The odor is produced by the presence of hydrogen sulfide. These odors are present in permanently saturated waterlogged soils with sulfidic material only a few inches from the soil surface. Sulfides are produced only in a reducing environment
- Aquic or peraquic moisture regimes in soils that are almost completely free of dissolved oxygen due to the presence and/or saturation of groundwater at the soil surface (i.e., soils of tidal marshes and soils of closed, landlocked depressions that are fed by permanent streams)
- Direct observation of reducing soil conditions (e.g., black anoxic soil) occur when soils have been saturated for long or very long durations of time
- Gleyed, low chroma or low chroma mottled soils refer to the coloration of hydric soils. The colors of various soil components are often the most diagnostic indicator of soil types. Gleyed, or gray-colored, soils develop when anaerobic conditions result in pronounced chemical reduction of iron, manganese, and other elements. Mottled means "marked with spots of

contrasting color." Soils that have brightly colored mottles and a low chroma matrix are indicative of a fluctuating water table

- Iron and/or manganese concretions less than 0.08 inch (two mm) in diameter occurring within 3 inches (7.5 cm) of the surface are evidence that the soil is saturated for long periods near the surface; and coarse textured soils with:
  - High organic matter content in the surface horizon;
  - Dark vertical streaking of subsurface horizons by organic matter; and/or
  - Wet spodosols (an accumulation of organic matter that may accumulate at the point representing the most commonly occurring depth to the water table).

2.1.4 Wetland Hydrology

The Federal Manual identifies that an area has wetland hydrology when saturated to the surface or inundated at some point in time during an average rainfall year, as defined below:

- Saturation to the surface normally occurs when soils in the following natural drainage classes meet the following conditions
  - In somewhat poorly drained mineral soils, the water table is less than 0.5 ft (0.2 m)from the surface for usually one week or more during the growing season; or
  - In low permeability (less than 6.0 inches/hour), poorly drained mineral soils, the water table is less than 1.5 ft (0.5 m) from the surface for usually one or more weeks during the growing season;
  - In more permeable (6.0 inches/hour), poorly drained or very poorly drained mineral soils, the water table is less than 1 ft (0.3 m) from the surface for usually one or more weeks during the growing season;
  - In poorly drained or very poorly drained organic soils, the water table is usually at a depth where saturation to the surface occurs more than rarely.

- An area is inundated at some time if ponded or frequently flooded with surface water for one week or more during the growing season.

The hydrology parameter may be quite evident (e.g., overbank flooding), or it may be difficult to observe. In contrast to the vegetation and soil parameters, the hydrology parameter has greater spatial and temporal variation, making the determination of wetland boundaries generally impracticable on the basis of the hydrology parameter alone. Hydrologic indicators are useful in confirming that a site with hydrophytic vegetation and hydric soils still exhibits hydrological conditions typically associated with such vegetation and soils.

Hydrologic indicators associated with wetlands can be based on recorded data and/or field data. Recorded data can be obtained from tide gauges, stream gauges, flood predictions, historical data (e.g., aerial photographs and soil surveys), and piezometers. Field data include the following characteristics:

- Visual observation of inundation
- Visual observation of soil saturation
- Water marks
- Drift lines
- Sediment deposits
- Surface scouring
- Wetland drainage patterns

2.2 State of New York

2.2.1 General

The State of New York has adopted the delineation methodology described in the 1987 Corps of Engineers Wetlands Delineation Manual (with a few slight differences that are not applicable to this delineation) and implementing its wetland protection program under the Freshwater Wetlands Act 6NYCRR.

The State of New York defines freshwater wetlands (swamps, marshes, bogs, and similar areas) as the following:

An area that is inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances does support, a prevalence of vegetation typically adapted for life in saturated soil conditions, commonly known as hydrophytic vegetation; provided. However, that the department, in designating a wetland, shall use the three-parameter approach enumerated in the 1987 Corps of Engineers Wetlands Delineation Manual.

2.3 Data Collection

2.3.1 Overview

Background data on the site were obtained and analyzed, as recommended in the Federal Manual. Data included USGS map quadrangles, USFWS National Wetlands Inventory (NWI) Maps, and State of New York Department of Environmental Conservation (NYSDEC) Wetlands Maps.

Detailed field investigations for the presence of wetlands were conducted in June, 2001 by wetland scientists using the methods in the 1987 federal wetland delineation manual. Representative data observation points were selected in each of the wetland areas and adjacent upland areas in order to accurately describe the characteristics of the plant communities and the soil and hydrologic conditions. As per the three-parameter method, vegetation, soils, and hydrology were characterized at each observation point. The field-collected data were entered on appropriate data forms (Appendix A).

The observation points, including one upland and one wetland observation point, were selected to characterize the upland and wetland communities on each side of the wetland boundary. The location of each point was marked in the field and identified by a four-part code (e.g., OA-W2):

- The letter "O" was used to distinguish an observation point from a wetland/upland boundary marker (used to stake the line for survey purposes)
- The second letter in the code corresponds to a specified wetland area (i.e., Wetland A, Wetland B)
- The last part of the code was a two-part alphanumeric code, the first half of which (i.e., W or U) identifies the observation point as either in the upland or a nearby wetland
- The second half of the code corresponds to the numbered point within a respective wetland (i.e., OA-W2 would be the second wetland observation point within Wetland A)

2.3.2 Vegetation

Observation points were selected to be representative of the plant communities present in the wetland and adjacent upland area. At each observation point, dominant plant species were identified and their relative abundance was estimated. Dominant plant species were recorded for each of the observation points. The criteria used to determine dominance were basal area and/or estimated percent areal cover for trees, and percent areal cover for saplings/shrubs and herbaceous vegetation.

2.3.3 Soils

Detailed investigations were made at each observation point to determine if hydric soils were present. Soil pits were dug to depths ranging from 12 in to 18 inches deep. The field analysis included the evaluation of soil colors, stratification, and textures. Particular attention was given to those properties that identified soils as hydric. The soil color was analyzed at a depth of 18 in using the Munsell color chart to determine the chroma (i.e., color) of the soil. The presence of gleyed or mottled soil coloring below a depth of 10 in or the A horizon (whichever is shallower) indicates the presence of hydric conditions. Additional soil investigations were made between observation points as necessary to locate the wetland/upland boundary. It should be noted that the much of the soils in the wetland and on site appeared to have been disturbed via earthmoving, grading effluent flow, and contamination.

2.3.4 Hydrology

The presence or absence of wetland hydrology was assessed at each observation point along each of the wetland boundaries. Any evidence of hydrological modifications were noted. Features observed include inundation, depth to saturated soil, matted and stained leaf litter, buttressed and/or multiple tree trunks, shallow rooting, surface scour, and sediment deposition.

2.3.5 Wetland Delineation and Surveying

Field studies for the wetland determination consisted of two main components: detailed analysis at observation points and determination of the wetland/upland boundary using the methods specified in the 1987 wetlands delineation manual. Each observation point was marked in the field with a wire flag or a survey ribbon. The wetland/upland boundary was designated at a location between a wetland observation point and a non-wetland observation point where an appropriate change in vegetation, soils, and/or hydrology was discerned. Additional analyses of vegetation, soils, and hydrology were made throughout the wetland boundary determination process. The wetland boundary was then marked in the field with ribbons and/or wire flags, which were coded to facilitate future identification and subsequent surveying. After the field delineation, the wetland boundaries and observation points were surveyed by GEOD, Inc.

Section 3
Results and Discussion

3.1 National Wetland and Inventory Maps

NWI maps, produced by the USFWS, show the approximate configuration, location, and type of wetlands found within a given area of coverage. The NWI wetland map for West Winfield (using the 7.5-minute USGS topographic bases) covers the subject area. The NWI maps are prepared primarily by conventional aerial photo interpretation (stereoscopic analysis) of high-altitude aerial photography (1:80,000 black and white). The map notes state:

> *" . . . there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed, on-the-ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation... No attempt was made to define the limits of proprietary jurisdiction of any federal, state or local government . . ."*

The *User Notes for National Wetlands Inventory Maps* (United States Department of the Interior, 1994) caution: "Maps should therefore be used to locate the presence of wetlands and not [emphasis added] to identify precise boundaries between wetlands and uplands."

Because the NWI maps are limited in precision by their scale (1:24,000) and the identification method used, the boundaries of wetlands shown on the NWI maps need to be more precisely determined in the field. Commonly, small wetland areas, and, less frequently, large wetland areas are not shown on NWI maps.

NWI maps (Figure 2, NWI Wetlands) indicate that the on-site wetland was classified as PEM1E, palustrine, emergent, persistent, seasonally flooded/saturated.

3.2 State of New York, Department of Environmental Conservation - Wetlands Maps

NYSDEC freshwater mapping (Sheet 38 of 46, Herkimer County) (Figure 3, NYSDEC Wetlands) indicates that there are no NYSDEC regulated wetlands on site. However, the NYSDEC map identifies wetlands located east and west of the site, they are WW-18 and WW-20. These wetlands measure 17 and 13 acres (ac) (6.9 and 5.3 hectares [ha]) respectively. Both wetlands are classified as Class 2 wetlands.

Class 2 wetlands are identified by the NYSDEC as *"an emergent marsh in which purple loosestrife and/or reed (Phragmites) constitutes less than two-thirds of the covertype"* (6 NYCRR Part 664).

Both Wetlands WW-18 and WW-20 were identified as having two or more structural groups. Wetland WW-20 was also identified as being adjacent/contiguous to a stream classified as C(t) or higher under article 15 of the environmental conservation law (664.6(b) (5)). Neither wetland was identified as being traditional migration habitat or

resident habitat for threatened or endangered or vulnerable plant and/or animal species.

3.3 Herkimer County Soil Survey

Review of the Herkimer County Soil Survey revealed that there are four soil series within the area of the wetland. They are the following:

- Cut and Fill Land - these soils have been recently disturbed via anthropogenic activities.
- Fredon Series, Fredon fine sandy loam - these soils consist of deep somewhat poorly drained to poorly drained moderately coarse textured soils that formed in gravelly outwash deposits.
- Palmyra, gravelly silt loam - Palmyra soils series consists of deep, well-drained to excessively drained, medium textured soils that formed in gravelly outwash derived mainly from limestone that has varying portions of shale siltstone, and sandstone and a few granitic rocks. Included within Palmyra, gravelly silt loam are small pockets of Fredon soils.
- Wayland Series - these soils consist of deep, poorly drained and very poorly drained, medium textured soils that formed in alluvium washed from uplands containing calcareous material.

3.4 Results of Field Investigations

Within the project study area, two wetland areas (Wetland A and Wetland B) were identified. Figure 2 (Delineated Wetlands) illustrates the wetlands that were delineated during the field investigations. Photos of the project area are presented at the end of this section.

The levels of on-site contamination required Personal Protective Equipment (PPE) be worn during the wetland delineation. PPE included an air-purifying respirator, nitrile gloves, and Tyveks. Due to the required PPE, it was not possible to identify certain soil features (e.g., texture, odor, color shades etc.). During the delineation it was observed that soils, within and adjacent to the wetlands, were substantially discolored due to contamination.

3.4.1 Wetland A

Wetland A is a 1.87 ac (0.76 ha) wetland located in the site's western portion. A steep slope is present along the western wetland/upland boundary. The wetland line in this area was generally near the toe of the slope. The slope and the delineated wetland line was covered by many fallen logs and other vegetative debris.

Wetland A is dominated by herbaceous emergent vegetation. Common cattails (Typha latifolia, OBL) and skunk cabbage, (Symplocarpus foetidus, OBL) dominate the herbaceous stratum. Tree and scrub/shrub vegetation in the wetland was limited,

and consisted primarily of red-osier dogwood (Cornus stolonifera, FACW+), honeysuckles (Lonicera sp), and red maple (Acer rubrum, FAC).

The upland areas surrounding the wetland consist of a mix of a steep slope to the west, semi-maintained grass areas to north, and fields and small wooded areas to the east. Much of the uplands show signs of pervious disturbance.

Observation point pair OA-W1 and OA-U1, characterizes the wetland and nearby upland areas of Wetland A.

Observation Point Pair OA-W1 and OA-U1
Observation point OA-W1 was located approximately 15 ft (4.6 m) south of wetland flag A-42. Herbaceous vegetation at the observation point consisted of cattails and skunk cabbage. Wetland hydrology was present in the form of soil saturated to the surface. The depth to water in the borehole was five inches. Soil borings indicated that the soils consisted of a black/blue organic matrix. The soils appeared to have been affected and discolored by contamination.

Observation point OA-U1 was located approximately 40ft (12.2 m) north of OA-W1. The observation point was located within a semi-maintained grass/access area. Grasses (Graminaceae Family) were the dominant vegetation with isolated honeysuckle shrubs. No evidence of wetland hydrology was observed. Soil were non-hydric, consisting of the A horizon (0-8 inches [0-20.3 cm]) (10YR 3/2 and the B horizon (8-16 inches [20.3 - 40.6 cm]) 10YR4/2 with no mottles.

3.4.2 Wetland B

Wetland B is a small depressed wetland measuring approximately 0.03 ac (0.01 ha) that is located adjacent to an on-site monitoring well (MW-11S).

Point Pair OB-W1 and OB-U1
Observation point pair OB-W1 and OB-U1, characterizes the wetland and nearby upland areas of Wetland B.

Herbaceous vegetation in Wetland B was dominated by skunk cabbage and mosses (*Sphagnum* sp.). The scrub/shrub layer was dominated by a red-osier dogwood. Wetland hydrology was confirmed with the presence of groundwater at 11 inches (28 cm). Soils in the wetland were disturbed and were discolored by contamination.

Observation Point OB-U1 was located approximately 15 ft (4.6 m) east of Point OB-W1. The tree and shrub/scrub layers were dominated by red maple (*Acer rubrum*, FAC), quaking aspen (*Populus tremula*, FACU) and honeysuckles, (*Lonicera* sp.). Herbaceous vegetation was dominated by wild madder (*Galium mollugo*, NIS), red-stemmed plantain (*Plantago rugelli*, FACU); garlic mustard, (*Alliaria petiolata*, FACU); Virginia creeper, (*Parthenocissus quinquefolia*, FACU); and common reed (*Phragmites australis*, FACW).No evidence of wetland hydrology was observed. Soils at the observation point were disturbed and discolored due to contamination.

3.5 Corps of Engineers Jurisdiction

Wetlands were delineated using the three-parameter approach specified by the Corps' 1987 Federal Manual. The Corps regulates activities that include proposed alteration of freshwater wetlands (e.g., Wetland A or B) and any proposed alteration would be subject to application review under Section 404 of the Clean Water Act.

3.6 New York State Jurisdiction

Wetlands were delineated using the three-parameter approach specified by the New York State Department of Environmental Conversation. Any activity that includes proposed alteration of regulated freshwater wetlands (i.e., wetlands larger than 12.4 acres [5 hectares] or of significant local importance) and/or disturbances within a 100 ft (30 m) regulated adjacent area around regulated freshwater wetlands would be subject to application review by the NYSDEC, pursuant to Article 24 of the Environmental Conservation Law.

Neither Wetland A or B is a regulated freshwater wetland as it is not larger than 12.4 acres (5 hectares), or of significant local importance.

References

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New York State Department of Environmental Conservation. 1985. New York State Fresh Water Wetland Map. Herkimer County Map 38 of 36.

New York State Department of Environmental Conservation. 6 NYCRR Part 665 Local Government Implementation of the Freshwater Wetlands Act and Statewide Minimum Land Use Regulations for Freshwater Wetlands.

New York State Department of Environmental Conservation. May 1997. Freshwater Wetlands Mapping and Classification Regulations. 6 NYCRR Part 664. Pursuant to Article 24 of the Environmental Conservation Law.

US Department of Agriculture Soil Conservation Service. May, 1975. Soil Survey of Herkimer County, New York, Southern Part.

US Department of the Interior. Fish and Wildlife Service. 1995 National Wetland Inventory Maps. West Winfield, New York

US Fish and Wildlife Service National List of Vascular Plant Species That Occur in Wetlands: 1996 Northeast (Region 1). December 4, 1996

US Geological Survey. 1978. West Winfield Quadrangle

Figures



SITE MAP

HITEMAN LEATHER COMPANY
VILLAGE OF WEST WINFIELD
HERKIMER COUNTY, NEW YORK

PREPARED FOR US Environmental Protection Agency

Contract No. 68-W-98-210 Assignment No. 032-RICO-02CG

CDM Federal/ TAMS Consultants, Inc.
RAC II Team

Figure No. 1



NWI WETLANDS

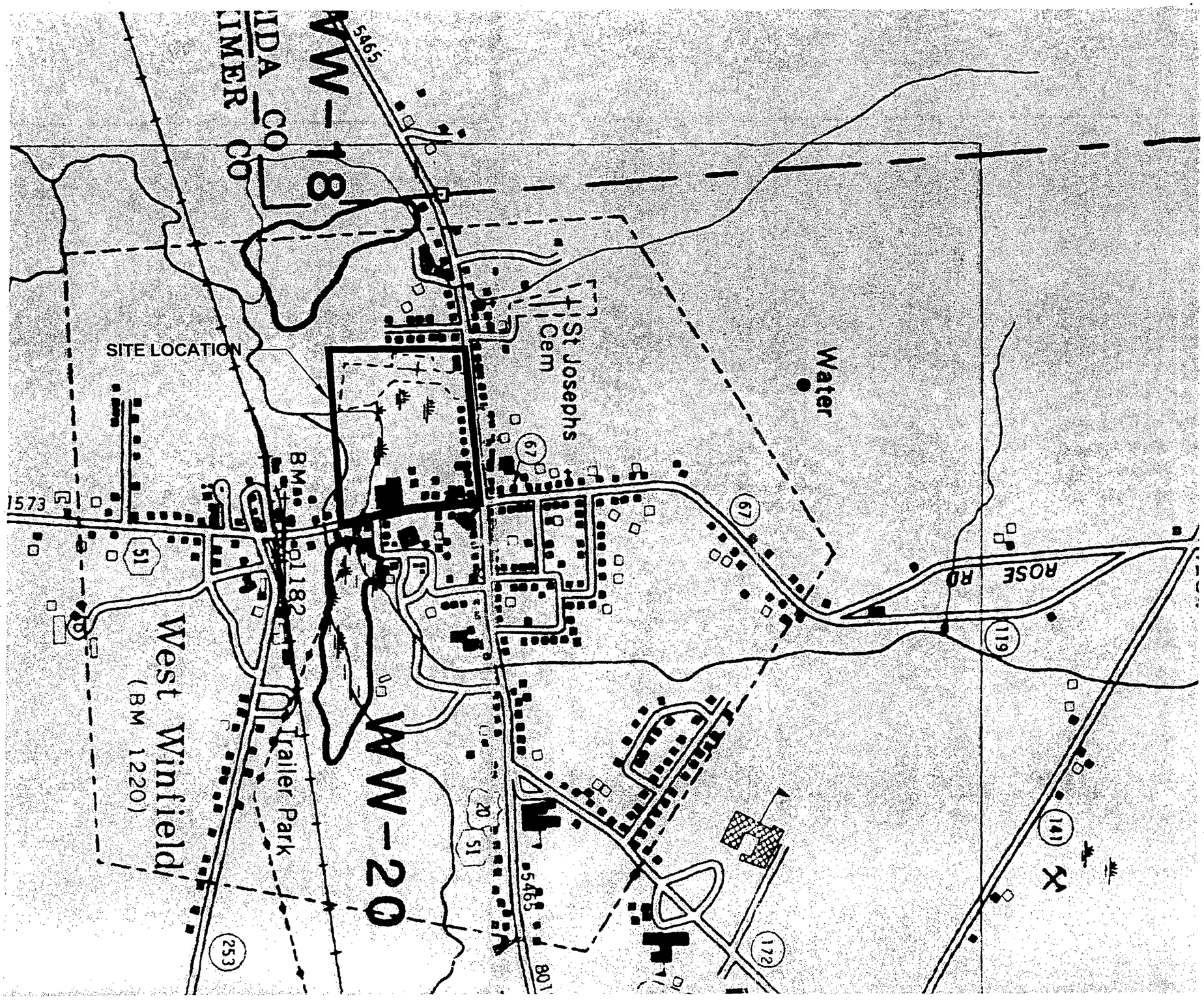
HITEMAN LEATHER COMPANY
VILLAGE OF WEST WINFIELD
HERKIMER COUNTY, NEW YORK

PREPARED FOR US Environmental Protection Agency

Contract No. 68-W-98-210 Assignment No. 032-RICO-02CG

CDM Federal/ TAMS Consultants, Inc.
RAC II Team

Figure No. 2



N.J.S.P.C.S. 1983

0 375 750
GRAPHICAL SCALE

NYSDEC WETLANDS

HITEMAN LEATHER COMPANY
VILLAGE OF WEST WINFIELD
HERKIMER COUNTY, NEW YORK

PREPARED FOR US Environmental Protection Agency

Contract No. 68-W-98-210 Assignment No. 032-RICO-02CG

CDM Federal/ TAMS Consultants, Inc.
RAC II Team

Figure No. 3



DELINEATED WETLANDS

HITEMAN LEATHER COMPANY
VILLAGE OF WEST WINFIELD
HERKIMER COUNTY, NEW YORK

PREPARED FOR US Environmental Protection Agency

Contract No. 68-W-98-210 Assignment No. 032-RICO-02CG

CDM Federal/ TAMS Consultants, Inc.
RAC II Team

Figure No. 4

Photographs



Photo 1. Looking south at the remnants/foundation of the former leather tanning/processing facility.



Photo 2 Looking west at on-site gravel parking lot.

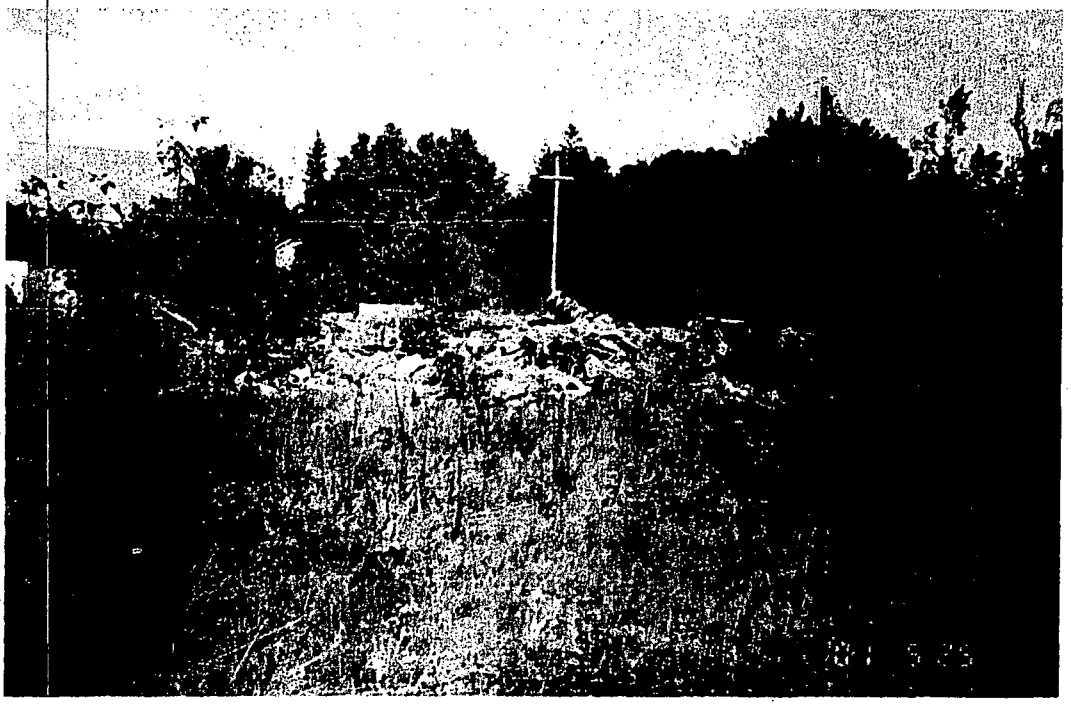


Photo 3 Looking east at construction debris of former Hiteman Leather Tanning/Processing Facility.



Photo 4 Looking west at on-site access road. Unadilla River located to the left on the other side of the fence.





Photos 5 and 6 Looking northeast and east at the former settling ponds. Area now vegetated with young and old field vegetation.



Photo 7 Looking north at a line of trees that are located on the western border of the former settling lagoons. Wetlands located beyond the tree line.



Photo 8 Looking west at the line of trees.



Photo 9 Looking south at wetland area.



Photo 10 Looking west across wetland area.



Photo 11 Drainage pipe located in the wetland's southern boundary. The pipe outfalls into the Unadilla River.



Photo 12 Looking north across the Unadilla River at the area of the wetland outfall.



Photo 13 Looking west from the South Street/Route 51 Bridge over the Unadilla River. The site's southern boundary is marked by the chain link fence along the bank (right).



Photo 14 Looking south across the Unadilla River from the site's southern boundary.



Photo 15 Looking north at site's northern boundary (fence). Note residential areas in the distance.



Photo 16 Looking west at Department of Public Works Construction Yard. The yard is located offsite and is adjacent to the site's northern boundary.



Photo 17 Looking at site's western boundary (fence) from cemetery.

Ecological Assessment Checklists

Checklist for Ecological Assessment/Sampling

I. SITE DESCRIPTION

1. Site Name: HITEMAN LEATHER COMPANY

   Location: 173 SOUTH STREET

   (SOUTH OF INTERCHANGE W/ RTE. 20)

   County: HERKIMER City: WEST WINFIELD State: NY

2. Latitude: 42° 53' 30" Longitude: 75° 11' 30"

3. What is the approximate area of the site? 14 ACRES

4. Is this the first site visit? ☑ yes ☐ no If no, attach trip report of previous site visit(s), if available.

   Date(s) of previous site visit(s): N/A.

5. Please attach to the checklist USGS topographic map(s) of the site, if available.

   SEE ATTACHED TOPO MAP

6. Are aerial or other site photographs available? ☑ yes ☐ no If yes, please attach any available photo(s) to the site map at the conclusion of this section.

   SEE ATTACHED AERIAL PHOTOS & SITE PHOTOS.

7. The land use on the site is:

____% Urban	The area surrounding the site is: ____ mile radius
70 % Rural	____% Urban
____% Residential	20 % Rural
30 % Industrial (☒ light ☐ heavy)	20% Residential
____% Agricultural	____% Industrial (☐ light ☐ heavy)
(Crops: ____ *)*	40 % Agricultural
____% Recreational	*(Crops:* ____ *)*
(Describe; note if it is a park, etc.)	____% Recreational
____	*(Describe; note if it is a park, etc.)*
____	____
____% Undisturbed	____
____% Other	____% Undisturbed
	20% Other (COMMERCIAL)

8. Has any movement of soil taken place at the site? ☐ yes ☐ no. If yes, please identify the most likely cause of this disturbance:

____ Agricultural Use	X Heavy Equipment	____ Mining
____ Natural Events	X Erosion	X Other

Please describe:

PAST SITE OPERATIONS INCLUDED THE DISCHARGE OF PROCESS WASTE WATER TO THE FORMER SITE LAGOONS & WETLANDS; THESE OPERATIONS MAY HAVE ERODED SOME SOILS. POST TANNING OPERATIONS AT THE SITE INCLUDED THE EXCAVATION OF THE WASTE WATER LAGOONS, CONSTRUCTION OF ROADS, PARKING LOTS, FACILITIES, DRAINAGE SWALES, & POSSIBLE TRENCHES AND/OR LANDFILLS (EXEMPLIFIED BY PARTIALLY BURIED 55-GALLON DRUMS OBSERVED ONSITE.)

9. Do any potentially sensitive environmental areas exist adjacent to or in proximity to the site, e.g., Federal and State parks, National and State monuments, wetlands, prairie potholes? *Remember, flood plains and wetlands are not always obvious; do not answer "no" without confirming information.*

PALUSTRINE WETLANDS ARE LOCATED IN THE WESTERN PORTION OF THE SITE

Please provide the source(s) of information used to identify these sensitive areas, and indicate their general location on the site map.

- NATIONAL WETLAND INVENTORY (NWI) MAP - WEST WINFIELD QUAD.
- NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) FRESHWATER WETLANDS MAP, HERKIMER COUNTY SERIES
- WETLAND DELINEATION REPORT FOR HITEMAN LEATHER COMPANY PREPARED BY TAMS CONSULTANTS, INC. (2002)

10. What type of facility is located at the site?

☐ Chemical ☐ Manufacturing ☐ Mixing ☐ Waste disposal

☒ Other (specify) FORMER LEATHER TANNING FACILITY

11. What are the suspected contaminants of concern at the site? If known, what are the maximum concentration levels?

SEE ATTACHED LIST

12. Check any potential routes of off-site migration of contaminants observed at the site:

☒ Swales ☒ Depressions ☐ Drainage ditches

☒ Runoff ☒ Windblown particulates ☐ Vehicular traffic

☒ Other (specify) GROUND WATER

13. If known, what is the approximate depth to the water table? 0-15 FEET (SHALLOW WATER TABLE IN WETLANDS)

14. Is the direction of surface runoff apparent from site observations? ☒ yes ☐ no If yes, to which of the following does the surface runoff discharge? Indicate all that apply.

☒ Surface water ☒ Groundwater ☐ Sewer ☐ Collection impoundment

15. Is there a navigable waterbody or tributary to a navigable waterbody? ☐ yes ☒ no

THE UNADILLA RIVER IS ADJACENT TO THE SITE; HOWEVER, THE RIVER IS NOT NAVIGABLE. THE RIVER ADJACENT TO THE SITE CONSISTS OF SHALLOW POOLS & RIFFLES.

16. Is there a waterbody anywhere on or in the vicinity of the site? If yes, also complete Section III: Aquatic Habitat Checklist – Non-Flowing Systems and/or Section IV: Aquatic Habitat Checklist – Flowing Systems.

☑ yes (approx. distance 40 FEET (UNADILLA RIVER)) ☐ no

17. Is there evidence of flooding? ☑ yes ☐ no *Wetlands and flood plains are not always obvious; do not answer "no" without confirming information.* If yes, complete Section V: Wetland Habitat Checklist.

18. If a field guide was used to aid any of the identifications, please provide a reference. Also, estimate the time spent identifying fauna. [Use a blank sheet if additional space is needed for text.]

- THE AUDUBON SOCIETY FIELD GUIDE TO NORTH AMERICAN TREES.
- THE AUDUBON SOCIETY FIELD GUIDE TO NORTH AMERICAN MAMMALS.
- NEWCOMB'S WILDFLOWER GUIDE
- FAUNA WERE IDENTIFIED DURING A THREE-DAY PERIOD CONSISTING OF CURSORY OBSERVATIONS DURING THE WETLAND DELINEATION AND DURING A SITE WALK. DURING THE SITE WALK, EACH HABITAT WAS WALKED THROUGH & OBSERVATIONS WERE MADE OF FAUNA.

19. Are any threatened and/or endangered species (plant or animal) known to inhabit the area of the site? ☐ yes ☑ no
If yes, you are required to verify this information with the U.S. Fish and Wildlife Service. If species' identities are known, please list them next.

SEE ATTACHED

20. Record weather conditions at the time this checklist was prepared:

DATE: MAY, 2001

65 Temperature (°C/(°F)) — 57.6°F Normal daily high temperature

5 mph Wind (direction/speed) — 2 days - HEAVY RAIN / 1 day - SUNNY Precipitation (rain, snow)

25-100% Cloud cover

IA. SUMMARY OF OBSERVATIONS AND SITE SETTING

Completed by JOHN ROLLINO Affiliation TAMS

Additional Preparers N/A

Site Manager _____

Date _____

II. TERRESTRIAL HABITAT CHECKLIST

IIA. WOODED

1. Are there any wooded areas at the site? ☒ yes ☐ no If no, go to Section IIB: Shrub/Scrub.

2. What percentage or area of the site is wooded? (5 % 0.7 acres). Indicate the wooded area on the site map which is attached to a copy of this checklist. Please identify what information was used to determine the wooded area of the site.

- WOODED AREAS GENERALLY LIMITED TO SITE'S PERIMETER & WETLAND/FORMER SETTLING POND BOUNDARY

3. What is the dominant type of vegetation in the wooded area? (Circle one: Evergreen/Deciduous/ Mixed) Provide a photograph, if available.

Dominant plant, if known: MAPLES (ACER SP.); QUAKING ASPEN (POPULUS TREMULOIDES); WILLOWS (SALIX SP.); AND BIRCH SPECIES (BETULA SP.).

4. What is the predominant size of the trees at the site? Use diameter at breast height.

☐ 0-6 in. ☒ 6-12 in. ☐ > 12 in.

5. Specify type of understory present, if known. Provide a photograph, if available.

IIB. SHRUB/SCRUB

1. Is shrub/scrub vegetation present at the site? ☒ yes ☐ no If no, go to Section IIC: Open Field.

2. What percentage of the site is covered by scrub/shrub vegetation? (~~<1~~ 20 JR 2.8 % 0.1 acres). Indicate the areas of shrub/scrub on the site map. Please identify what information was used to determine this area.

- SCRUB/SHRUB GENERALLY LIMITED TO ISOLATED AREAS & PLANTS WITH SAPLINGS IN WOODED AREAS.

3. What is the dominant type of scrub/shrub vegetation, if known? Provide a photograph, if available.

HONEYSUCKLES, RED-OSIER DOGWOODS, SAPLINGS OF TREE SPECIES

4. What is the approximate average height of the scrub/shrub vegetation?

☐ 0-2 ft. ☒ 2-5 ft. ☐ > 5 ft.

5. Based on site observations, how dense is the scrub/shrub vegetation?

☐ Dense ☐ Patchy ☑ Sparse

IIC. OPEN FIELD

1. Are there open (bare, barren) field areas present at the site? ☐ yes ☒ no If yes, please indicate the type below:

☐ Prairie/plains ☐ Savannah ☐ Old field ☒ Other (specify) YOUNG & OLD FIELDS

2. What percentage of the site is open field? (70 % 9.8 acres). Indicate the open fields on the site map.

3. What is/are the dominant plant(s)? Provide a photograph, if available.

GRASSES & OTHER HERBACEOUS VEGETATION (EG. QUEEN ANNE'S LACE, TEASEL, ETC.). SEE 1A SUMMARY OF OBSERVATION & SITE SETTING.

4. What is the approximate average height of the dominant plant? ~1 – 1.5 FEET

5. Describe the vegetation cover: ☑ Dense ☐ Sparse ☐ Patchy

IID. MISCELLANEOUS

1. Are other types of terrestrial habitats present at the site, other than woods, scrub/shrub, and open field? ☑ yes ☐ no If yes, identify and describe them below.

URBAN/DISTURBED - THE SITE OF THE FORMER LEATHER FACILITY & ITS IMMEDIATE ADJACENT AREA (SEE 1A SUMMARY OF OBSERVATIONS & SITE SETTING).

2. Describe the terrestrial miscellaneous habitat(s) and identify these area(s) on the site map.

SEE ATTACHED

3. What observations, if any, were made at the site regarding the presence and/or absence of insects, fish, birds, mammals, etc.?

SITE WAS WALKED THROUGH OVER TWO SEPARATE DAYS AND OBSERVATIONS WERE MADE OF TRACKS, SCAT, ETC. OBSERVATIONS WERE ALSO MADE FOR AVIFAUNA (USA66) IN THE MORNING & MIDDAY.

4. Review the questions in Section I to determine if any additional habitat checklists should be completed for this site.

III. AQUATIC HABITAT CHECKLIST – NON-FLOWING SYSTEMS

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type of open-water, non-flowing system is present at the site? N/A - NO NON-FLOWING SYSTEMS ARE PRESENT ON OR ADJACENT TO THE SITE.

   ☐ Natural (pond, lake)
   ☐ Artificially created (lagoon, reservoir, canal, impoundment)

2. If known, what is the name(s) of the waterbody(ies) on or adjacent to the site?

   _____

3. If a waterbody is present, what are its known uses (e.g.: recreation, navigation, etc.)?

4. What is the approximate size of the waterbody(ies)? _____ acre(s).

5. Is any aquatic vegetation present? ☐ yes ☐ no If yes, please identify the type of vegetation present if known.

   ☐ Emergent ☐ Submergent ☐ Floating

6. If known, what is the depth of the water? _____

7. What is the general composition of the substrate? Check all that apply.

   ☐ Bedrock ☐ Sand (coarse) ☐ Muck (fine/black)
   ☐ Boulder (>10 in.) ☐ Silt (fine) ☐ Debris
   ☐ Cobble (2.5-10 in.) ☐ Marl (shells) ☐ Detritus
   ☐ Gravel (0.1-2.5 in.) ☐ Clay (slick) ☐ Concrete
   ☐ Other (specify)_____

8. What is the source of water in the waterbody?

   ☐ River/Stream/Creek ☐ Groundwater ☐ Other (specify)_____
   ☐ Industrial discharge ☐ Surface runoff

9. Is there a discharge from the site to the waterbody? ☐ yes ☐ no If yes, please describe this discharge and its path.

10. Is there a discharge from the waterbody? ☐ yes ☐ no If yes, and the information is available, identify from the list below the environment into which the waterbody discharges.

☐ River/Stream/Creek	☐ onsite	☐ offsite	Distance_____
☐ Groundwater	☐ onsite	☐ offsite	
☐ Wetland	☐ onsite	☐ offsite	Distance_____
☐ Impoundment	☐ onsite	☐ offsite	

11. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected provide the measurement and the units of measure below:

_____ Area

_____ Depth (average)

_____ Temperature (depth of the water at which the reading was taken) _____

_____ pH

_____ Dissolved oxygen

_____ Salinity

_____ Turbidity (clear, slightly turbid, turbid, opaque) (Secchi disk depth _____)

_____ Other (specify)

12. Describe observed color and area of coloration.

13. Mark the open-water, non-flowing system on the site map attached to this checklist.

14. What observations, if any, were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

IV. AQUATIC HABITAT CHECKLIST – FLOWING SYSTEMS

Note: Aquatic systems are often associated with wetland habitats. Please refer to Section V, Wetland Habitat Checklist.

1. What type(s) of flowing water system(s) is (are) present at the site? NONE. THE SITE IS ADJACENT TO THE UNADILLA RIVER. SEE 1A SITE SETTING.

☒ River	☐ Stream	☐ Creek
☐ Dry wash	☐ Arroyo	☐ Brook
☐ Artificially created (ditch, etc.)	☐ Intermittent Stream	☐ Channeling
	☐ Other (specify)_____	

2. If known, what is the name of the waterbody? UNADILLA RIVER

3. For natural systems, are there any indicators of physical alteration (e.g., channeling, debris, etc.)?
☐ yes ☒ no If yes, please describe indicators that were observed.

4. What is the general composition of the substrate? Check all that apply.

☐ Bedrock	☐ Sand (coarse)	☐ Muck (fine/black)
☐ Boulder (>10 in.)	☐ Silt (fine)	☐ Debris
☒ Cobble (2.5-10 in.)	☐ Marl (shells)	☐ Detritus
☒ Gravel (0.1-2.5 in.)	☐ Clay (slick)	☐ Concrete
☐ Other (specify)_____		

5. What is the condition of the bank (e.g., height, slope, extent of vegetative cover)?

RIP-RAPPED W/ SOME HERBACEOUS & SCRUB/SHRUB VEGETATIVE COVER.

6. Is the system influenced by tides? ☐ yes ☒ no What information was used to make this determination?

SITE IS OVER 1,000 FEET ABOVE SEA LEVEL.

7. Is the flow intermittent? ☐ yes ☒ no If yes, please note the information that was used in making this determination.

VISUAL OBSERVATIONS & PRESENCE OF SUBMERGED AQUATIC VEGETATION.

8. Is there a discharge from the site to the waterbody? ☒ yes ☐ no If yes, please describe the discharge and its path.

THE ON-SITE WETLAND DISCHARGES TO THE RIVER VIA A SMALL DRAINAGE PIPE.

9. Is there a discharge from the waterbody? ☐ yes ☒ no If yes, and the information is available, please identify what the waterbody discharges to and whether the discharge is on site or off site.

10. Identify any field measurements and observations of water quality that were made. For those parameters for which data were collected, provide the measurement and the units of measure in the appropriate space below:

~30-40 FEET	Width (ft.)
~1-3 FEET	Depth (ft.)
____	Velocity (specify units):_____
____	Temperature (depth of the water at which the reading was taken_____)
____	pH
____	Dissolved oxygen
____	Salinity
CLEAR	Turbidity (clear, slightly turbid, turbid, opaque) (Secchi disk depth _____)
____	Other (specify)_____

11. Describe observed color and area of coloration.

WATER WAS OBSERVED TO BE CLEAR

12. Is any aquatic vegetation present? ☒ yes ☐ no If yes, please identify the type of vegetation present, if known.

☒ Emergent ☒ Submergent ☐ Floating

13. Mark the flowing water system on the attached site map.

SEE ATTACHED

14. What observations were made at the waterbody regarding the presence and/or absence of benthic macroinvertebrates, fish, birds, mammals, etc.?

ELECTRO-SHOCKING ACTIVITIES IN NOVEMBER, 2001 DETERMINED THAT THE RIVER IS INHABITED BY CRAYFISH & PREDATORY & FORAGE FISH (e.g. trout, MINNOWS, etc.)

V. WETLAND HABITAT CHECKLIST

1. Based on observations and/or available information, are designated or known wetlands definitely present at the site?
☑ yes ☐ no

   Please note the sources of observations and information used (e.g., USGS Topographic Maps, National Wetland Inventory, Federal or State Agency, etc.) to make this determination.

   - USGS TOPO MAP
   - NWI WETLANDS MAP
   - NYSDEC FRESHWATER WETLAND MAPS

2. Based on the location of the site (e.g., along a waterbody, in a floodplain) and site conditions (e.g., standing water; dark, wet soils; mud cracks; debris line; water marks), are wetland habitats suspected?
☑ yes ☐ no If yes, proceed with the remainder of the wetland habitat identification checklist.

3. What type(s) of vegetation are present in the wetland?

   ☐ Submergent ☑ Emergent (DOMINANT)
   ☑ Scrub/Shrub ☑ Wooded

   ☐ Other (specify)_____

4. Provide a general description of the vegetation present in and around the wetland (height, color, etc.). Provide a photograph of the known or suspected wetlands, if available.

   EMERGENT VEGETATION: SKUNK CABBAGE, CATTAILS, etc.
   SEE 1A SUMMARY OF OBSERVATIONS & SITE SETTING.

5. Is standing water present? ☑ yes ☐ no If yes, is this water: ☑ Fresh ☐ Brackish
   What is the approximate area of the water (sq. ft.)? 150
   Please complete questions 4, 11, 12 in Checklist III - Aquatic Habitat – Non-Flowing Systems.

   DURING & PRIOR TO THE ECOLOGICAL INVESTIGATIONS, THE AREA WAS INUNDATED W/ HEAVY RAINS. IT IS ANTICIPATED THAT THIS AREA MAY DRY COMPLETELY DURING MUCH OF THE YEAR.

6. Is there evidence of flooding at the site? What observations were noted?

   ☐ Buttressing ☑ Water marks ☐ Mud cracks

   ☐ Debris line ☐ Other (describe below)

7. If known, what is the source of the water in the wetland?

☐ Stream/River/Creek/Lake/Pond ☒ Groundwater

☐ Flooding ☒ Surface Runoff

8. Is there a discharge from the site to a known or suspected wetland? ☐ yes ☒ no If yes, please describe.

9. Is there a discharge from the wetland? ☒ yes ☐ no. If yes, to what waterbody is discharge released?

☒ Surface Stream/River ☐ Groundwater ☐ Lake/Pond ☐ Marine

10. If a soil sample was collected, describe the appearance of the soil in the wetland area. Circle or write in the best response.

Color (blue/gray, brown, black, mottled) BLUE-GREEN-GRAY / WHITE. COLORATION DUE TO CHEMICAL CONTAMINATION

Water content (dry, wet, saturated/unsaturated) WET - SATURATED

11. Mark the observed wetland area(s) on the attached site map.

SEE ATTACHED.

APPENDIX A

DATA SHEETS

SOILS

Map Unit Name
(Series and Phase): C - + Fill (Grd)

Drainage Class: —

Taxonomy (Subgroup): —

Field Observations
Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
* 0-2		10 YR 2/2			
* 2-10		2.5 Gley 6 10/B		NKS	
* 10 —		10 YR 3/2		REMARKS	

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content in Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

* Remarks: Soil disturbed due to chemical contamination, Listing Above reflects Munsell Colors most closely represented in soils

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes (No) (Circle)	(Circle)	
Wetland Hydrology Present?	Yes (No)		
Hydric Soils Present?	Yes (No)	Is this Sampling Point Within a Wetland?	Yes (No)

Remarks:

SOILS

Map Unit Name
(Series and Phase): CUT + FILL LAND

Drainage Class: _____

Taxonomy (Subgroup): /

Field Observations
Confirm Mapped Type? Yes ~~No~~

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-2		2.5 YR 2/1	SEE BELOW		
2-4		2 Gley 8/5B		REMARKS	
4-12		2 Gley 5/10B			
12+		10YR 5/4	SEE		

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content in Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: * Soil Rediscolored due to contamination. Blue mottles, various shades of blue/green/whites observed. Munsell color above closely represent the colors observed - in natural conditions

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	(Yes) No (Circle)	(Circle)	
Wetland Hydrology Present?	(Yes) No		
Hydric Soils Present?	Yes No	Is this Sampling Point Within a Wetland?	(Yes) No

Remarks: Formed around A monitoring well. Evidence of ponding. Well displayed evidence that it may have once been soaked under artesian conditions

Approved by HQUSACE 3/92

SOILS

Map Unit Name
(Series and Phase): [illegible] Drainage Class: [illegible]
Field Observations
Taxonomy (Subgroup): Glossaquic Hapludalfs Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
0-9	A	10 YR 3/3	—		
9-16	B	10 YR 4/2	—		

Hydric Soil Indicators:

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content in Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes (No)	(Circle)	(Circle)
Wetland Hydrology Present?	Yes (No)		
Hydric Soils Present?	Yes (No)	Is this Sampling Point Within a Wetland?	Yes (No)

Remarks:

Approved by HQUSACE 3/92

SOILS

Map Unit Name (Series and Phase): Palmura gravelly silt loam — Drainage Class: well to somewhat poorly

Taxonomy (Subgroup): Glossaquic Hapludalfs — Field Observations: Confirm Mapped Type? Yes No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle Abundance/Contrast	Texture, Concretions, Structure, etc.
[redacted]	[redacted]	[redacted]			[redacted]

REMARKS

Hydric Soil Indicators:

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- ___ Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content in Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: Soil had a blue shade due to chemical contamination, required personal protective equipment (Full-face respirator + gloves) limited ability to identify Hydric soil indicators (color etc.)

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No (Circle)	(Circle)
Wetland Hydrology Present?	Yes	No	
Hydric Soils Present?	Yes	No	Is this Sampling Point Within a Wetland? Yes No

Remarks: A - Typical situation. Much of the soil in the wetlands was normally discolored (blue, green, or white) via chemical contamination

Approved by HQUSACE 3/92

Appendix J

APPENDIX J

STAGE 1A CULTURAL RESOURCES SURVEY

FINAL CULTURAL RESOURCES SURVEY REPORT -STAGE 1A
HITEMAN LEATHER SITE
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
WEST WINFIELD, NEW YORK
Work Assignment No.:032-RICO-02CG

Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866

Prepared by:
CDM Federal Programs Corporation
125 Maiden Lane - 5th Floor
New York, New York 10038

EPA Work Assignment No.	: 032-RICO-02CG
EPA Region	: II
Contract No.	: 68-W-98-210
CDM Federal Programs Corporation Document No.	: 3220-032-CO-EPOU-03070
Prepared by	: CDM
Site Manager	: Pamela J. Philip
Telephone Number	: (212) 785-9123
EPA Remedial Project Manager	: Jack O'Dell
Telephone Number	: (212) 637-4256
Date Prepared	: May 3, 2002

CDM
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May 3, 2002

Mr. Jack O'Dell
Remedial Project Manager
U.S. Environmental Protection Agency
290 Broadway - 20th Floor
New York, NY 10007-1866

PROJECT:	RAC II Contract No.: 68-W-98-210 Work Assignment No.: 032-RICO-02CG
DOC CONTROL NO.:	3220-032-CO-EPOU-03070
SUBJECT:	Final Cultural Resources Survey Report -Stage 1A Hiteman Leather Site Remedial Investigation/Feasibility Study West Winfield, New York

Dear Mr. O'Dell:

CDM Federal Programs Corporation (CDM), on behalf of our entire RAC II Team, is pleased to submit the Final Cultural Resources Survey Report -Stage 1A for the Hiteman Leather Site in West Winfield, New York as partial fulfillment of the Statement of Work. The Final Cultural Resources Survey Report -Stage 1A, which was revised to incorporate EPA comments dated March 18, 2002, was completed by CDM's subcontractor, John Milner Associates. Six copies of the report have been provided to you for distribution.

If you have any questions regarding this submittal, please contact Pamela Philip at (212) 785-9123 or myself at (908) 757-9500.

Very truly yours,

CDM FEDERAL PROGRAMS CORPORATION

Jeanne Litwin, REM
RAC II Technical Operations Manager

Enclosure
cc: F. Rosado, EPA Region II (Letter Only)
R. Goltz/PSO File, CDM
P. Philip, CDM
RAC II Document Control

MANAGEMENT SUMMARY

John Milner Associates, Inc. (JMA) conducted a Stage 1A cultural resources survey of the Hiteman Leather Company Site in the Village of West Winfield, Herkimer County, New York. The Stage 1A investigation was conducted on behalf of CDM Federal Programs Corporation (CDM Federal). CDM Federal is conducting preliminary site remediation investigations of the Hiteman Tannery Site on behalf of the United State Environmental Protection Agency (USEPA) a part of the RAC II Program (EPA Contract No. 68-W-98-210).

The Hiteman Leather Company Site (the Project Area) encompasses approximately fourteen acres, including the former tannery site on the north-bank of the Unadilla River and a four-acre parcel on the south-bank of the river. A tannery was operated on the site since 1820. In 1968 the facility closed due to its inability to comply with New York State Department of Health requirements concerning the reduction of pollution and waste materials being generated at the tannery and the tannery was demolished between 1996 and 1998. Accordingly, the remains associated with the Hiteman Leather Company tannery possess little physical integrity. In the opinion of JMA, the tannery is significant in the local history of West Winfield, however the extant physical remains on the property have limited potential to provide important information about the history of former tannery operations. The significance of the tannery in the larger context of the history of the leather and tanning industry in New York and the Middle Atlantic region is less clear. To further evaluate the historical significance of the Hiteman Leather Company complex, JMA recommends that a Stage II survey consisting of an inventory and evaluation of the extensive collection of Hiteman Leather Company records at Cornell University be undertaken.

During JMA's field reconnaissance, CDM personnel indicated that the results of current groundwater testing in the four-acre parcel south of the Unadilla River would determine the nature and extent of future activities in that portion of the Project Area. The results of JMA's background research and the site reconnaissance suggest that this parcel has not been subjected to extensive previous disturbances, with the exception of possible rerouting of the Unadilla River along the northern perimeter of the parcel. Moreover, an early-twentieth-century residence located on the south bank of the river is depicted on historic maps and an undated aerial photograph of the Project Area. If ground-disturbing activities are proposed in this four-acre parcel as part of future site remediation, a Phase 1B archeological survey should be undertaken.

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1. INTRODUCTION

1.1 Purpose and Goals of the Investigation

John Milner Associates, Inc. (JMA) conducted a Stage 1A cultural resources survey of the Hiteman Leather Company Site in the Village of West Winfield, Herkimer County, New York. The Stage 1A investigation was conducted on behalf of CDM Federal Programs Corporation (CDM Federal). CDM Federal is conducting a remedial investigation/feasibility study at the Hiteman Tannery Site, on behalf of the United State Environmental Protection Agency (USEPA), under the RAC II Program (EPA Contract No. 68-W-98-210). The information and recommendations contained in this report are intended to assist USEPA in complying with their obligations under Section 106 of the National Historic Preservation Act and the implementing regulations of the Advisory Council on Historic Preservation (36 CFR 800).

The purpose of the Stage 1A investigation is to identify previously recorded archeological or historic sites that may be affected by a proposed undertaking. The Stage 1A survey also evaluates the potential for there to be previously unrecorded archeological or historic resources within the area that will be potentially affected by the undertaking (the Project Area). The information contained in this report is intended to help assess what effects the proposed remediation of the Hiteman Leather Company Site will have on archeological or historical resources. All research and report preparation were conducted in accordance with Section 2.4 of the January 1988 CERCLA/SARA Environmental Review Manual, and the New York Archaeological Council's *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections* (NYAC 1994), recommended for use by the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP).

1.2 Project Location and Description

The Hiteman Leather Company Site (the Project Area) encompasses approximately fourteen acres, located on South Street (Route 51) in the Village of West Winfield, Herkimer County, New York, near the intersection of Route 51 with Route 20 (Figure 1). The north-branch of the Unadilla River traverses the southern part of the Project Area, with four of the fourteen acres located on the southern bank of the river. The former Hiteman Leather Company property includes the ten acres north of the river and the front (east) two acres of the four-acre parcel south of the river. The rear (west) two acres within this four-acre parcel are privately owned. The south-branch of the Unadilla River runs along the southern perimeter of the Project Area. Route 51 provides the eastern boundary of the Project Area and the West Winfield Cemetery defines the western boundary of the Project Area. Residential and municipal lots that face US Route 20 border the northern perimeter of the Project Area. Current features within the Project Area include the remaining foundations/concrete pads of the former factory buildings, a macadam parking lot, two small buildings (a metal garage and concrete-block shed), three backfilled wastewater lagoons (each approximately 50 feet wide by 350 feet long), a two-acre wetland, an approximately six-acre open area, a small back-filled area and approximately 800 feet of the Unadilla River.

A tannery has stood on the former site of the Hiteman Leather Company since 1820 (Beers 1879; CDM 2001). During the twentieth century, tanning processes were revolutionized by the replacement of vegetable-based tanning solutions with mineral-based products (chromium-salts) and acid solutions. The use of mineral-based products greatly reduced the amount of time

necessary to process hides into leather, however the process also resulted in the generation of greater quantities of waste products, including both tanning solutions and rinse waters. Wastewater was channeled into lagoons to the west of the tannery; the settled solids were periodically excavated from these lagoons and re-deposited as bank material, with the effluent flowing into the Unadilla or wetlands adjacent to the Unadilla (CDM 2001). In 1968 the facility closed due to its inability to comply with New York State Department of Health requirements concerning the reduction of pollution and waste materials being generated at the tannery. Investigations conducted by the New York State Department of Environmental Conservation in 1983 documented elevated levels of chromium and nickel compounds, arsenic, cadmium, chromium, and lead in the areas surrounding the facility and former lagoons. Additional investigations conducted between 1988 and 1992 identified numerous toxins in the lagoon area soils around the site, including hexavalent chromium, other heavy metals, pesticides, polychlorinated biphenyls (PCBs), and volatile and semi-volatile organic compounds (CDM 2001).

Based on the results of these studies, the Hiteman Leather Company Site was referred to USEPA as a hazardous waste site. The Stage 1A cultural resources investigation presented in this report is a component of EPA's initial investigations concerning proposed remediation of the site.

2. ENVIRONMENTAL AND CULTURAL CONTEXTS

2.1 Environmental Setting

The Hiteman Leather Company Site, in the Village of West Winfield, New York, is located in the southwestern section of Herkimer County. The Project Area is located southwest of the divide between the Mohawk and Susquehanna River drainages. The village of West Winfield is located at the headwaters of the Unadilla River, which flows generally south-southwest into the Susquehanna River at Sydney, New York.

The topography in the vicinity of the Project Area is the result of fluvial and glacial activities. This entire region was covered by the Laurentide Ice Sheet during the Wisconsin glaciation. This took place approximately 18,000 years before present (B.P.). Around 14,000 B.P., the glacier retreated and Lakes Albany and Vermont were formed. As the ice receded, ice stands and deposits impeded water flows and created large lake impoundments (Snow 1980:107). Around 13,000 B.P., there is evidence of several re-advances of the Laurentide Ice Sheet. The last and most critical in the development of the topography of the Mohawk River Valley was the Port Huron substage of the Wisconsin. The movements of the ice sheet resulted in the formation of numerous temporary post-glacial lakes (Isachsen et al. 1991:188). It is likely that a periglacial climate with park-tundra vegetation and minimal soil development prevailed in the region at this time. The advent of the Holocene and the establishment of forest vegetation, characterized by Parkland-Conifers and grass, resulted in the development of more stable terrestrial conditions (Davis 1969; Delcourt and Delcourt 1981; Sirkin 1967; Snow and Starna 1982).

By 10,000 B.P., the ice sheet retreated north to the Great Lakes region. Warming trends led to the development of new forest-types and wetland habitats. Major streams and their tributaries were widened and deepened by the glacial meltwaters from the north (Isachsen et al. 1991). By 5,000 B.P., the warming conditions resulted in the expansion of deciduous forest, which was comprised of oaks and chestnuts in central Pennsylvania and south-central New York State (Bernabo and Webb 1977; Davis 1969; Delcourt and Delcourt 1981; Whitehead 1979). Forestlands dominated the vicinity of the Project Area until the eighteenth and nineteenth centuries, when Euro-American farmers began clearing the landscape for agricultural purposes.

The bedrock geology of southwestern Herkimer County is variously characterized by areas of Hamilton Group shale and/or siltstone, or Onondaga and Ulster Group limestone and/or sandstone (USDA 1975: 164). Soil types surrounding the Project Area are predominantly Palmyra Series gravelly silt loams with 3 to 8 percent slopes. These soils are typically deep, well-drained to excessively-drained, medium-textured soils formed from gravelly glacial outwash and derived mainly from limestone (USDA 1975: 148). Immediately south of the Project Area, along the Unadilla River, soil types are characterized as Alluvial Lands. These areas are typically level expenses of stratified, recently deposited alluvial soils and are subject to frequent change due to stream overflow and erosion. Alluvial lands are typically poorly drained, flood frequently, and in areas support little or no vegetation (USDA 1975: 109). The Project Area itself is classified by the USDA Soil Conservation Service as Cut and Filled Lands (USDA 1975: Sheet 43), indicating the extensive disturbances to the Project Area associated with the construction, expansion, and operation of the Hiteman Leather Tannery. These disturbances will be discussed in detail in Sections 4 and 5 of this report.

2.2 Prehistoric Period Cultural Contexts

Evidence from known archeological sites reveals dramatic cultural changes occurred throughout the long period of human occupation in central New York. Environmental changes and technological innovations influenced subsistence practices and choices of settlement location of prehistoric groups. The availability and changing importance of ecological resources affected the distribution of camping sites, special activity sites, and village locations across the landscape. Settlement locations and cultural practices were also affected by increasing exchange and social contact between groups in the later prehistoric periods and the influence of Europeans in the Contact and Colonial periods.

The prehistory of Eastern North America is commonly divided into three major temporal periods: Paleo-Indian, Archaic, and Woodland. These periods are each characterized by distinctive subsistence practices, social organization, settlement systems, and material culture. The definition of these cultural systems and an explanation for changes in culture through time provide a structure upon which archeological research questions can be framed. Archeologists continually debate many of the specifics regarding chronology, adaptation, and culture change, but a generally accepted outline of regional prehistory is presented here. A discussion of known archeological sites in the vicinity of the Project Area is included.

The Paleo-Indian Period, ca. 12,500 to 10,000 B.P.

Based on radiocarbon age estimates of sites associated with Paleo-Indian fluted points, it appears that human beings first occupied the northeastern United States about 13,000 B.P. (Levine 1990). This period marked the latter stages of a dramatic climate change, as the tundra habitat of the Pleistocene gave way to warmer conditions and forested vegetation characteristic of the Holocene. At the end of the Pleistocene, the tundra vegetation of central New York supported a diversity of fauna including mammoth, mastodon, and caribou (Funk 1976; Ritchie 1980; Snow 1980; Snow and Starna 1983).

Artifact assemblages from Paleo-Indian sites are usually comprised of lithic (stone) tools, while organic technological materials and food remains have only been recovered from contexts of remarkable preservation. The distinctive lithic component of Paleo-Indian assemblages consists of long, fluted projectile points and a variety of end scrapers, side scrapers, knives, gravers, and perforators (Fiedel 2000; Funk 1976; Ritchie 1971). Paleo-Indian peoples probably lived in small, mobile bands and their choice of settlement seems to have been conditioned by access to upland forest resources, low-lying swamp areas, medium to large sized drainages, and high-quality lithic sources (Fiedel 2000; Funk 1976). Evidence for Paleo-Indian occupation of the Mohawk Valley is limited to infrequent surface finds of fluted points and other early artifacts (Snow and Starna 1983).

The Archaic Period, ca. 10,000 to 2,700 B.P.

The Archaic Period subsumes a diverse group of hunting and gathering cultures that occupied North America beginning with the transition from glaciated Pleistocene to modern Holocene conditions, through the adoption of ceramic technologies by prehistoric peoples in the 3rd millennium B.P. Archaic cultures in the Northeast are generally characterized as small, mobile social groups. The archeological sites associated with their occupations are usually small and lacking permanent structures, fortifications, extensive storage pits, and elaborate mortuary remains (Ritchie 1980).

The Early Archaic Period (ca. 10,000 to 8,000 B.P.) is poorly represented in the Northeast generally (Snow 1980), perhaps due to relatively unfavorable or inhospitable climactic conditions during the period (Funk 1976). Very few Early Archaic sites have been excavated or radiocarbon dated in the Northeast; as a result these sites are usually identified by the presence of projectile points that resemble types found in better documented, stratified sites in the southeastern United States.

The Middle Archaic (ca. 8,000 to 6,000 B.P.) is often characterized as a period of adaptation to the emerging temperate climactic conditions of the Holocene, including the exploitation of a wide variety of floral and faunal species similar to those of the modern era (Snow 1980). Middle Archaic sites in the Northeast are identified by diagnostic Neville, Stark, and Merrimack projectile point types and the appearance of several new technological innovations including stone gouges and axes, large ground stone semi-lunar knives, notched net-sinkers and plummets, and ground stone spear-thrower (or atatl) weights (Dincauze 1971; Snow 1980). Bifurcate base projectile points that closely resemble Neville points have been recovered from the Mohawk Valley, however no sites dating to Middle Archaic have been identified or properly excavated in this region (Snow and Starna 1983).

Evidence from Late Archaic Period (ca. 6000-4000 B.P.) sites demonstrates the economic base expanded considerably during this period with increased exploitation of the rich resources in the regionally dominant oak forests. White-tailed deer, elk, raccoon, and smaller mammals as well as birds, turtles, fish and shellfish were part of the expanded diet. By this period, Late Archaic groups were well adapted to local settings although there may have been some conflicts between groups occupying major environmental zones. Late Archaic adaptations in central and eastern New York, southeastern New England and the Mid-Atlantic region have been referred to as the Narrow Point and Mast Forest traditions (Funk 1976; Tuck 1978; Snow 1980). Associated artifacts include notched bannerstones, whetstones, hammerstones, anvilstones, netsinkers, endscrapers, side scrapers, drills, and antler flakers (Funk 1976: 247-254, Table 33). There are a number of Late Archaic sites, described as large base camps, located directly on the floodplain of the Mohawk River (Snow and Starna 1983).

The end of the Late Archaic Period is characterized by increasingly complex social and economic systems. The Terminal or Transitional Archaic Period (ca. 3,700 to 2,700 B.P.) is characterized by technological innovations and subsistence practices that are often viewed as precursors to developments that occurred in the subsequent Woodland Period. Settlement pattern during the Terminal Archaic was distinctly riverine in focus, and artifact assemblages from this period include steatite or soapstone vessels and broad-bladed projectile points.

The Woodland Period, ca. 3,000 B.P. to European Contact

The Woodland Period is often distinguished from earlier prehistoric periods by significant changes in technology (notably the widespread production and use of ceramics), more intensive subsistence practices (often including the domestication of plants), increasing trends towards sedentism and larger settlements, and changes in social organization (Ritchie 1980; Versaggi 1999). The Woodland Period is divided into three cultural and chronological sub-periods, the Early, Middle, and Late Woodland. Sites with Woodland Period occupations have been identified throughout the Mohawk Valley. These include a number of floodplain sites in Herkimer, Montgomery, and Schenectady counties (Snow and Starna 1983).

The Early Woodland period (ca. 2700-2000 B.P.) in New York State is generally divided into western (Meadowood) and eastern (Middlesex) regions (Funk 1976; Ritchie 1980). Meadowood

projectile points are thin, of medium breath, and side-notched (Ritchie 1971: 35). Pottery of this period is called Vinette I, characterized by moderately thick, straight-sided walls with conical-shaped bases, and coarse-to-medium sized grit temper with various cord-marked decorations on the exterior (Funk 1976: 278; Ritchie 1946, 1980). Based on the distributions of projectile points and ceramics, Early Woodland sites in eastern New York were concentrated along the banks of large streams. This reflects a continuation of settlement patterns from the previous Transitional Archaic Period.

The Middle Woodland Period (ca. 2,000 to 1,000 B.P.) in eastern New York is characterized by gradual changes in social and economic organization, including increasing trends towards sedentism and long-distance exchange of smoking pipes and lithic materials. Middle Woodland groups were oriented toward large streams with camps located along high bluffs and small inland streams. Diagnostic artifacts from the Middle Woodland include Fox Creek stemmed and lanceolate projectile points, Jack's Reef corner-notched and pentagonal points, Greene points, and a variety of decorated pottery styles (Funk 1976; Kostiw 1995; Ritchie 1971; Snow 1980). The Hunter's Home phase, a terminal Middle Woodland culture known from a small number of sites in central New York, is characterized by increasingly larger settlements indicating semi-permanent camps inhabited throughout the year (Ritchie and Funk 1973: 354-356). The Hunter's Home Phase begins a series of readily identifiable cultural expressions that culminated in the Iroquoian culture of the early historic period. The Willow Tree site, located on the south bank of the Mohawk River in Herkimer County, has been radiocarbon dated to 955 ± 250 A.D. and is a local component of the Hunter's Home Phase (Snow and Starna 1983).

The Late Woodland period represents the culmination of the economic and social trends of the preceding periods. Sedentary lifestyles based on maize agriculture were the rule throughout much of the east although numerous exceptions are known. Most groups were seasonally sedentary and relied on horticulture, hunting, and gathering for the subsistence needs. Late Woodland sites are most frequently located near large streams, in part to take advantage of the fertile soils (Ritchie and Funk 1973). Following the adoption of maize agriculture in the beginning of the Late Woodland, villages became the focus of social and economic life and progressively grew in size, density, and complexity (Hasenstab 1996; Ritchie and Funk 1973). The relative importance of horticulture to these groups corresponds with a de-emphasis on other previously used resource zones (Funk 1976). Artifacts associated with Late Woodland groups include the triangular Levanna and Madison projectile points as well as a variety of pottery types (Ritchie 1971; 1980).

In central New York, the Late Woodland is identified as the Owasco Phase. Ceramic styles and settlement patterns during the Owasco demonstrate continuous development from the preceding Hunter's Home Phase and into the early phases of Iroquoian Culture (Ritchie 1980). Owasco sites vary considerably in terms of size, arrangement, and function, and range from large, permanent villages to temporary hunting camps. Throughout this period, there was a pronounced shift in choice of settlement locations with trends away from valley bottoms to upland locations. In general, villages moved away from wetlands and areas of higher forest productivity towards areas of greater agricultural potential. The shift away from valley bottom locations, and away from canoe-navigable waterways, have been interpreted as indications of increased hostility between regional Native American groups during the Late Woodland (Hasenstab 1996). In the latter stages of the Owasco Phase, villages were frequently fortified and the appearance of longhouse post-mold patterns suggests the emergence of the matrilineal/matrilocal clan social structure of the historic Iroquois (Hasenstab 1996; Ritchie 1980).

2.3 Historic Period Cultural Contexts

In the early sixteenth century, explorers hired by the French and the Spanish began to investigate the Hudson River Valley. According to Iroquois oral history, intense hostility and warfare among regional Native American groups characterized the period immediately preceding European contact. This period of warfare resulted in the establishment of the Iroquois Confederacy, which resulted in a powerful alliance between the Seneca, Cayuga, Onondaga, Oneida, and Mohawk Nations. Following the establishment of the Confederacy, the Iroquois identified themselves as the People of the Longhouse. Historians and anthropologists have debated the date of the formation of this alliance, however the Iroquois Confederacy was clearly well established and organized by the time of European contact (Tooker 1978).

European Contact and Colonial Periods

The Project Area is located on the western periphery of what was once the territory of the Mohawk, the Keepers of the Western Door in the Iroquois Confederacy. Within the Confederacy, the Mohawk were located nearest to Fort Orange (now Albany). Their geographical position provided the Mohawk with a prominent role in the fur trade and relations with European colonial powers, which resulted in the Mohawk securing considerable influence among the other Iroquois groups (Fenton and Tooker 1978; Snow 1996). Archaeologists have identified the locations of many Mohawk villages and fortifications in the Mohawk Valley. Archeological evidence and early historic accounts indicate that Mohawk villages were moved frequently (Snow and Starna 1983). In the early-seventeenth century Mohawk sites relocated generally closer to the Mohawk River and exhibit a general eastward shift in their location, indicating the importance of trade with the Dutch during this period. While trade with the Dutch brought considerable wealth and power to the Mohawk, it also resulted in the introduction of epidemic diseases and increased warfare with neighboring Mahican groups. By the eighteenth century, the greatly reduced Mohawk population lived in increasingly scattered collections of small, individual family dwellings (Snow 1996). Within Herkimer County, a Mohawk village is known to have existed on the river flats near the Village of Herkimer. A Mohawk fort was built in 1710 at the site of Indian Castle Church in Danube, on the flat below the mouth of Nowadaga Creek (Case et al. 1992; Parker 1920: 572).

Throughout the eighteenth century the Mohawk were closely allied with the British, and many Mohawk fought on the British side during the American Revolution. Following the war, the Mohawk were driven out of their former homelands and many resettled in reservations along the Saint Lawrence River (Fenton and Tooker 1978). The earliest European settlers in Herkimer County were Palatine refugees from Germany, who settled the Mohawk Valley in the early-eighteenth century (Case et al. 1992: 35). Europeans or European-Americans did not settle the lands around present-day West Winfield until after the Revolutionary War.

Nineteenth Century Development of West Winfield

The earliest European settlers in the Town of Winfield and the Upper Unadilla Valley were Yankee migrants primarily from Connecticut and Massachusetts. Settlement of West Winfield began in the 1790s with a few families establishing homes along either bank of the Unadilla (Beers 1979; Benton 1856; Case et al. 1992; Hardin 1893). The earliest mills established in the village were a small sawmill, with one grinding stone, constructed in 1794. An additional grist mill was established in 1798 (Beers 1879; Hardin 1893). In the early-nineteenth century the principal pursuits of the population were dairying for the production of butter and cheeses, and raising sheep for wool. Early textile production was a cottage industry with the bulk of spinning

and weaving taking place in individual homes (Benton 1856; Case et al. 1992: 292). By 1816 the village included a tavern and a schoolhouse. The first tannery established on the eventual site of the Hiteman Tannery was constructed in 1820 (Sections 4.2, 4.5). Stores were established in the village in 1794 and 1823 (Beers 1879).

Transportation networks encouraged the growth of West Winfield throughout the nineteenth century. The village was ideally situated on the Great Western Turnpike, or Cherry Valley Turnpike (now US Route 20) constructed in 1805, and the headwaters of the Unadilla (Benton 1856; Beers 1879). Dramatic expansion of dairying and industrial pursuits in West Winfield occurred after the completion of the Utica, Chenango, and Susquehanna Valley Railroad (later Delaware, Lackawanna, & Western Railroad) in the early 1870s (Case et al. 1992; Hardin 1893). By 1878 the village had a population of about 600, and supported a bank, a variety of stores, an academy, one hotel, two jewelers, two restaurants and billiard saloons, one cheese box manufactory, one sash and blind factory, three lumber yards, one coal yard, one grist-mill, one sawmill, the tannery, a printer, two attorneys, three doctors, and a dentist (Beers 1879).

In the twentieth century, technological developments in many branches of industry made it unnecessary for manufacturing facilities to be located on waterways. This encouraged the relocation of centers of industry to locations dictated by transportation routes. Locally, manufacturing interests were diverted away from small crossroad villages and into the Mohawk Valley towns. The reorganization of the industrial economy impacted many small villages like West Winfield. In 1912, only three factories remained in West Winfield; the tannery employed 76 people and the other two small factories combined to employ 12 (Case et al. 1992: 179). While the tannery survived and even expanded during this trend (Section 4.5), many small rural factories in the region did not.

3. RESEARCH METHODS

3.1 Archival Research

Both primary- and secondary- documentary sources were consulted in order to gather the information necessary to develop historic contexts and assess the potential for the Project Area to contain archeological resources. These sources include both written and cartographic documents relating to past and present environmental conditions and historic settlement of the region. The site files at the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) and the New York State Museum (NYSM) were consulted for pertinent information about previously recorded archeological sites and cultural resources in the vicinity of the Project Area. Reports from previous cultural resource surveys in the vicinity of the Project Area were examined at the offices of the OPRHP.

JMA historians conducted historical research concerning the Hiteman Tannery at the Herkimer County Historical Society and the West Winfield Public Library. Public records concerning the tannery property were examined at the Office of the Recorder of Deeds and the County Magistrate's Office at the Herkimer County Administration Building, and at the West Winfield Village Clerk's Office. Federal census population schedules were examined at the Binghamton University Library. Secondary sources concerning the tanning process, the history of the tanning industry in New York State, and the history of Herkimer County were reviewed for relevant information. Additional historical cartographic research was conducted at the New York Public Library, Maps Division, in New York, New York. Historic maps consulted for the Project included the Nichols 1868 *Atlas of Herkimer County* (Figure 2), and a series of Sanborn insurance maps from the early-twentieth century (Figures 5, 6, 7, and 10). Additional photographs and other depictions of the tannery property were located in local archives (Figures 3, 4, 8, 9, 11, 12, and 13). JMA historians were informed that back issues of the West Winfield *Standard Bearer* and West Winfield *Star* are bound in volumes in storage at the Herkimer County Historical Society and are presently inaccessible. With the exception of isolated clippings found in vertical files at the Herkimer County Historical Society, information from these periodicals is not included in the present report.

3.2 Site Reconnaissance and Existing Conditions

A JMA archeologist conducted a preliminary site reconnaissance of the Project Area on May 22, 2001. The purpose of the field reconnaissance was to assess the degree of previous ground disturbance and evaluate the potential for the Project Area to contain archeological resources. During the site reconnaissance, JMA interviewed CDM personnel concerning the progress and results of groundwater testing, as well as their observations concerning the degree of previous disturbance to the Project Area. Documentation included recording observations, and photographing significant or informative landscape features.

In 1996 EPA conducted a structural evaluation of the extant structures on the Hiteman Leather Company property. As a result of this investigation, EPA determined that most of the buildings and the smokestack on the site were structurally unsound, and furthermore that pipe covering and other materials throughout the structures were asbestos-based. EPA demolished the dilapidated and unsafe wooden and brick structures on the site in 1996. The estate of the deceased owner of the property demolished the remaining concrete and steel building (i.e., the c. 1946 tannery) in 1998 to recycle the steel components of the structure.

Prior to JMA's field reconnaissance, CDM removed most of the concrete demolition-rubble from the foundation in order to facilitate future soil sampling under the concrete pad. Physical remnants of the former tannery include a concrete foundation floor adjacent to Route 51. The extant foundation measures approximately 200 feet from north to south (facing Route 51) and measures approximately 250 feet from east to west (Figure 14; Plates 1, 2). The bases of concrete-reinforced steel pillars that would have supported the upper stories of the factory are extant across the concrete foundation (Plates 1, 2). The extant floor is approximately six feet below grade, including the surface of Route 51 to the east and a level, gravel-paved area to the north. This suggests that significant levels of earth-removal were involved with the most recent construction episode of the factory in the 1940s (Section 4.5).

Scattered additional elements of the factory's architecture are extant among the demolition rubble. Sections of wall and piles of brick and concrete rubble were extant along the southern perimeter of the foundation (Plates 3, 4). The basal element of a chimney stack were also identified along the southern perimeter of the foundation floor (Plate 5). At the northwest corner of the foundation floor, a small shed or outbuilding is still extant (Plate 6).

West of the foundation, the former lagoon area is overgrown with tall grasses (Figure 14, Plate 7). North of the lagoon area, the landscape is similarly overgrown with grasses and shrub vegetation. The ground surface throughout the lagoon area and the area north of the lagoons is characterized by undulating topography with mounded areas, ditches, and irregular banks (Plate 8). This topography is indicative of the degree of earth-moving and disturbance that the property has been subjected to. During the site reconnaissance, JMA personnel examined a partially-filled test-pit in the area north of the former lagoons and east of the wetland (Figure 14). Within this test-pit, the soil stratigraphy was visible to depths of approximately one meter. The entire soil matrix was characterized by gravelly sandy fill with fragments of brick and concrete. The contents of this test pit confirm that the entire area is extensively disturbed.

North of the former lagoon area is a large wetland (Figure 14; Plate 9). A steep bank separates the wetland from the elevated West Winfield Cemetery to the west. It is unclear whether this wetland is naturally occurring or whether it formed due to soil removal related to the excavation of lagoon areas during the operation of the tannery.

In 1996 EPA installed rip-rap along the north bank of the Unadilla in order to stabilize erosion (CDM 2001; Plate 10). The four-acre parcel south of the Unadilla River is lightly overgrown with shrubs and grasses (Plate 11). JMA did not observe any clear indications that this area had been previously disturbed. A small frame structure, identified as a horse barn, is located in the middle of this parcel (Figure 14; Plate 12). According to the current owner of the western two acres within the four-acre parcel, this horse barn was built approximately thirty years ago. Based on JMA's historic map review (see Section 4.5), an early-twentieth-century house once stood on the south bank of the Unadilla River immediately west of Route 51 (Figures 7, 10, 13). A concrete wall segment is located on the riverbank within the front (east) two-acre parcel. According to the current owner of the rear (west) two-acre parcel, this wall segment was the rear part of the foundation of the early-twentieth-century map-documented structure. A gravel parking area now covers the easternmost portion of the southern parcel closest to Route 51.

4. RESULTS

4.1 Previously Recorded Cultural Resources

JMA personnel reviewed the combined site files of the OPRHP and the NYSM in order to identify previously recorded archeological sites in the vicinity (within five miles) of the Project Area, and to review previous cultural resources survey reports from the region. Parker (1920) identified one prehistoric site in the area (NYSM 4514) as a rockshelter, located approximately 3.6 miles southwest of the Project Area (Table 1). The earliest cultural resources survey in West Winfield was conducted in 1977 in association with the proposed installation of a wastewater treatment plant and associated sewer lines (Klein 1978). At the time that report was prepared, there were no known prehistoric archeological sites in the immediate vicinity of West Winfield. Klein (1978) documented that numerous nineteenth-century structures and features, including the tannery, related to the industrial and commercial growth of West Winfield were extant in the village. Potentially significant historic resources identified during this survey included the Cherry Valley Turnpike (US Route 20), the site of the Wilcox Store and nineteenth-century tavern, the site of the Haggerty House hotel, the West Winfield Academy, the Griffin and Armstrong Sawmill, the West Winfield Grist Mill, the Weeks Sawmill (formerly sash and blind factory), the Wheeler (later Hiteman) Tannery, and the West Winfield Raceway System (Klein 1978: 21-24). With the exception of the demolition of the remaining foundations and features associated with the tannery, none of these historic resources will be affected by the current Project.

More recent archeological surveys were conducted in the vicinity of the Project Area in association with the proposed construction and subsequent expansion of the Tennessee Gas Pipeline (Clifford 1999; Hohman 1990). Two prehistoric sites were investigated as components of the cultural resources work for the pipeline. The Junkyard Site (SUBi-1197) and the Burgess Site (SUBi-1198) were each small lithic scatters consisting of a few debitage flakes and possible tools, located 2 miles and 2.8 miles (respectively) southeast of the Project Area (Table 1; Hohman 1990). Additionally, three small historic sites, composed of scatters of historic artifacts, were identified during archeological survey associated with the expansion of the pipeline (Table 1; Clifford 1999). These three sites are all located between 2 and 2.5 miles southeast of the Project Area.

The Laukaitus Site (Table 1), a small prehistoric site composed of three bifaces, fire-cracked rock, and debitage flakes, was identified in 1981 in conjunction with investigating a proposed re-route of Route 8 (PIN 2056.41). The site is located on the eastside of Route 8, north of the Village of Bridgewater, approximately 2.7 miles west of the Project Area. More recent investigations associated with Route 8 resulted in the identification of a large concentration of historic (nineteenth century) artifacts associated with the former post-office in Bridgewater (Table 1; Barbour et al. 1997). Numerous nineteenth-century structures and foundations associated with now-demolished map documented structures were identified by the New York State Museum in the village of Brookfield, approximately four-miles southwest of the Project Area (Table 1).

No previously recorded prehistoric archeological sites are located closer than two miles from the Hiteman Leather Tannery Project Area. While numerous potentially significant historic structures and/or archeological features are located within the village of West Winfield, JMA does not anticipate that any of these features, besides the tannery itself, will be directly impacted by the proposed remediation of the tannery site, if remediation activities are confined to the Project Area.

4.2 Ownership History of the West Winfield Tannery

The date of construction of the first tannery on the West Winfield site is uncertain. Thomas W. Smith wrote in his Winfield town history that the north bank of the Unadilla River was the site of a tannery as early as 1820. He noted that the first owner was a Mr. Adsit who sold the property to Rufus Wheeler in 1823 (Smith 1979:26).[1] This transaction is not found in the Herkimer County deed records.

Instead, land records indicate that David Wood of Winfield sold to Rufus Wheeler a tract of land, described as being in the First Division of Bayard's Patent, located on the west side of the road leading from the turnpike road [present Route 20] to Morgan's and Walker's mills and on the north side of the creek. This parcel, which measured one acre, two roods, and twenty-two rods, was sold to Wheeler in 1827 for $800 (Herkimer County Deed Book 21:352, January 1, 1827). Wood was an early settler of Winfield who established his home on the south side of the creek in 1792 (Hardin 1893:369).

The tannery is shown on Nichols's 1868 map of West Winfield (Figure 2). Located north of the Unadilla River and on the same parcel as the house of R[ufus] Wheeler, the property included the irregularly shaped tannery building along an office and an L-shaped unidentified building to its north. The property is indicated as Wheeler and Sons tanning and currying in an appended business directory.

Rufus Wheeler owned the property until his death. In his will, dated May 22, 1877, Wheeler specified that one-third of his property be given to each of his three children, Charles J. Wheeler, Nathan B. Wheeler, and Julia Burgess (Herkimer County Will Book R:483-485, October 15, 1877). His probate inventory confirms that Wheeler remained in the tanning business until his death. Among his listed possessions were a one-half interest in 59 cords of hemlock bark valued at $177, a one-half interest in 42 sides of slaughtered leather, and a half-interest in two bark forks and three bark shovels (Rufus Wheeler probate inventory, January 14, 1878, Herkimer County Magistrate's Office file number 8338). Ownership of the tannery property was consolidated in 1879 when Nathan B. Wheeler and his wife Weatley, and Julia W. Burgess, sold their one-third shares in the 1.75 acre property to their sibling, Charles J. Wheeler for the token sum of one dollar (Herkimer County Deed Book 113:552, December 15, 1879).

Charles J. Wheeler soon ran into financial difficulties and defaulted to his creditors. His son, Charles R. Wheeler, as assignee, sold the 1.75 acre property including engine, boiler, machinery and tools to John Q. Wheeler of Leonardsville, New York, for $3,030. The transferred property was further itemized as including one set of tray scales, one set of platform scales, the stove shed in the tannery, and 50 cords of hemlock bark (Herkimer County Deed Book 122:407, May 1, 1883).

The following year, John Q. Wheeler and his wife Rebecca E. H., sold the property including engine, boiler, machinery and equipment to Ezra R. Beckwith for $4,000. The deed specifically excepted the "vat and tools expressly put therein and used for tanning glove and mitten leather and reserving the right to said party of the first part to use said tannin and machinery for the purpose of finishing the tanning of such hides and skins as said party of the first part has now in process of tanning." All bark, except that in the tannery building, was transferred to Beckwith

[1] This account of the earliest history of the tannery is found in several sources and may have first been published in Hardin's *History of Herkimer County* (1893).

(Herkimer County Deed Book 123:320, January 1, 1884). According to historic accounts, Beckwith was then in partnership with Henry and John Hiteman and operated the business under the name of Beckwith & Hiteman Brothers (SAIC Engineering 1992a:1-5; Anonymous 1949).

In 1891, Beckwith, then residing in Little Falls, transferred the 1.75 acre parcel containing the tannery to brothers Henry and John Hiteman for $6,000. As in previous transactions, the transfer of the property, formerly known as the Wheeler tannery, included the engine, machinery, tools, and equipment (Herkimer County Deed Book 142:251, April 1, 1891).

After acquiring the tannery property, the Hitemans acquired several adjoining lots to allow for expansion of the enterprise. These included a two acre parcel on the south bank of the Unadilla River acquired in 1908 from Mary F. Stillman of Granton, Wisconsin (Herkimer County Deed Book 196:532, April 16, 1908), and a one-half acre parcel adjacent to the feed store acquired from George S. and Phoebe Weeks in 1900 and recorded in 1903 (Herkimer County Deed Book 183:248, September 8, 1903).

In July 1922, Hiteman Brothers tannery was officially reorganized as a corporation, the Hiteman Leather Company. The capital of the company was $252,5000 divided in 3,500 shares, 2000 with a par value of $100 each, and 1500 shares without par value. The new ownership form of the enterprise was recognized by a deed of July 15, 1922. John Hiteman and William E. Hiteman, co-partners in the Hiteman Leather Company, sold its real estate holdings to the Company for the token sum of one dollar (Herkimer County Deed Book 260:569-571, July 15, 1922). Following the incorporation of the Hiteman Leather Company in 1922, the company acquired four other parcels bringing the total area of the Hiteman property to twelve acres.

The Hiteman Leather Company ceased operations in 1968. A year after the company ceased operations, its property was sold to Earl Davis of Clinton, New York for the token sum of one dollar (Herkimer County Deed Book 603:371, August 28, 1969). The entirety of the tannery property remains in Davis family ownership.

4.3 The Tanning Process

The object of tanning is the rendering of animal skin imputrescible and pliable (Grobbel 1997: 121; Procter 1922: 7). This process is conducted in a series of steps. The first step is generally the washing of the skin to remove blood and dirt. Following this initial washing, the hair is loosened by softening. After the hair is loosened, it is either scraped off with a blunt and somewhat curved two-handled knife on a sloping, rounded "beam" of wood or metal or is removed by machine. The process of hair removal is termed "unbaiting." The next step in the process is termed "fleshing." Fleshing, which is performed on the same beam, involves use of a sharp, two-edged knife. Portions of the flesh and the fat and loose tissue that underlie the true skin are removed by scraping and cutting.

After fleshing, sole leather is washed in soft water or treated with a weak acid solution and is then ready for tanning. For softer leathers more thorough treatment is needed to remove the lime and soften the skin still further.

The tanning process that follows consists of soaking the animal pelt in infusions of vegetable products containing tannins. In the case of sole leather, tanning may require from two months to a year. Many skins, such as calf, glove, and glacé kid are not tanned but "tawed." Originally this

was accomplished using a solution of alum and salt. By the early twentieth century, alum and salt had been supplanted by salts of chromium (Grobbel 1997; Procter 1922:7-9).

During the nineteenth century, New York tanneries were generally characterized by increasing amounts of mechanization. Lucius Ellsworth, in his study of the New York State tanning industry, indicated that, by the time of the Civil War leather tanners in the state had generally adopted mechanical equipment to grind bark, to prepare hides for dehairing, to facilitate the handling of hides in tan vats, to scrub leather, to split leather, and to roll or finish leather. By 1875, a practical leather scouring device had been developed, and practical devices for dehairing and fleshing of leather were developed by 1885 (Ellsworth 1975:173). It is presently unclear how many of these machines were used in the West Winfield tannery, but Ellsworth's research indicates that most were widely used, especially by the larger tanneries.

The bark mill was developed to produce evenly ground bark and were designed to eliminate the small lumps containing tannin. By 1860, 38 individuals had received patents for bark mills; half of these patents went to people residing in New York. The most popular bark mill used in New York leather tanneries in the 1850's was Wiltse's mill. Manufactured in Catskill, New York, the machine worked in conjunction with a bark cracker which broke the bark into large chunks and an elevator which transferred the bark to the loft. Operated by either steam or water power, the mill, working at 150 revolutions per minute, could grind one to two cords of bark per hour. The basic design of the bark mill remained basically unchanged until the 1880s (Ellsworth 1975:150-153).

The hide mill was developed to aid in the processing of the dry imported hides often used by sole leather tanners in New York. As late as the 1850s, New York tanners used a mill similar to that invented by Massachusetts tanner William Edwards early in the century. Edwards adapted a textile fulling mill for use on leather. Before the Civil War, New York tanners began to use a more refined hide mill developed by tanners in Salem, Massachusetts. This mill used double acting hammers which moved in a plane parallel to the bottom of the hide box. A pitment and crank provided reciprocating action to the upright lever supporting the hammer. Running 12 hours per day, this mill could soften 1,000 hides of average size per week (Ellsworth 1975:138-139, 155-156).

To transfer hides from one vat to another, tanners placed a hand reel between vats. Two men operated the skeleton drum with one man turning the crank and the other making certain that the hides smoothly flowed into the new vat. To transfer 150 sides required four minutes of labor with another four minutes needed to move and set up the reel at a new vat. A few tanners connected the reels to power shafting and pulleys, but most preferred to use hand labor. Two men could shift 10,000 sides in ten hours without power (Ellsworth 1975:161-162).

After the leather left the vats, tanners needed to remove a thin film of residue on each piece. In the eighteenth and early nineteenth centuries, tanners had hand-scrubbed the leather with a brush and water. By the late 1840s, most tanners had mechanized the process using a machine described by William W. Edwards in *Scientific American*:

> A cylinder of wood four and a half feet long, twelve in diameter, with a wrought iron shaft secured to a stout frame and geared to run 4 to 600 per minute, with three rows of stiff brushes inlaid on the surface, breaking joints with each other. Another frame hung before the cylinder by bolts through the side pieces, with a four inch roller of wood at the top, and an apron below, raised at the pleasure of

the operator (*Scientific American*, April 13, 1850, as quoted in Ellsworth 1975:168).

Water flowed over the leather as it passed between the rollers and brushes. After several scrubbings, the leather was reportedly thoroughly cleaned.

Before the advent of splitting machines, workmen shaved hides by hand either during the tanning process or after the leather left the vats to achieve the required thickness. This method was slow, tedious and wasteful. The first practical splitting machine was devised by Seth Boyden of Newark, New Jersey in 1809. Boyden's device cut the hide laterally into two pieces. Split hides could be tanned more quickly and completely than whole ones, because the tannin penetrated the thinner hides more easily. Many tanners objected to Boyden's and other early machines because the hide was often not cut accurately and smoothly (Ellsworth 1975:164-165).

In 1829, Alvah Richardson of Boston patented an improved machine. His design used a stationary blade. After the hide was pulled against the blade, the machine immediately wound the cut pieces around a cylinder so that the entire hide would pass evenly through the splitter. The machine was continually modified, and by the 1850s was reported to be "generally used throughout the United States" to split either "green or tanned hides." An improved version of Richardson's machine known as the Patent Union Splitting Machine remained a basic piece of equipment in tanneries until the end of the nineteenth century (Ellsworth 1975:165-167).

The final machine used in most New York tanneries at the time of the Civil War was the leather roller. The first practical roller was developed by William Edwards. Powered by water, the device used a revolving metal cylinder on a pendulum that pressed against the leather so that the machine rubbed and pressed the entire surface of the leather. New York tanners used a design that differed little from Edwards' through the remainder of the nineteenth century. Tanners had learned the proper amount of water to use to temper the leather, and they had discovered the desirability of rolling each side of leather on at least two different days. The machine was capable of rolling about 100 sides per ten hours day (Ellsworth 1975:139, 172).

Later in the century, additional machines became common in New York tanneries. Regardless of how a tanner removed the scum or sediment from the tanning process, he often scoured the leather to improve the grain. Beginning in 1867, the Fitzhenry Scouring Machine proved the most satisfactory mechanical means of scouring. The machine employed tools such as brass brushes, brass or steel slicker, or machine stones in a carrier head that moved back and forth or vibrated. The table was located below the leather which moved on rollers in a horizontal plane. The operator raised and lowered the head and move the table so that the tools pressed all of the leather. The machine could daily process 125 sides of leather (Ellsworth 1975:170-171).

The predominant sources of power for tanneries also changed during the nineteenth century. While early tanneries relied primarily on hand or horse power, by 1860 mechanical power predominated. In eleven representative tanning counties in New York State, 129 tanneries or almost 49% of the total, were operated by water. Fifty-four tanneries or over 20 percent were operated by steam, and 46 tanneries or about 17% were operated by steam and water. Among the largest tanneries, those with capital of $20,000 or above, nearly 70% were powered by steam and water (Ellsworth 1975:218). Five years later, 53 percent of the state's tanneries used water power, and almost 30 percent employed steam (Ellsworth 1975:219).

Tannin, the critical ingredient in vegetable-based tanning can be obtained from various plant sources including barks, roots, leaves, excrescences, flowers and fruits, and seed pods. The major

source of tannin used in United States tanneries was tree bark, particularly the bark of oaks, willows, hemlocks and chestnuts. Many of the earliest United States tanneries used oak bark, the tanning material of choice among British tanners. Within a short period, supplies of oak bark became depleted in many areas, and tanners turned to alternative bark sources (Watt 1906:69).

With the depletion of oak stands, hemlock bark became the tanning material of choice in the United States. Hemlocks were abundant in much of the northern United States and Canada and was readily and cheaply available (Watt 1906:245). The locations of major tanneries followed the location of bark. Tanners moved from Virginia into Delaware and then into Massachusetts seeking oak. Hemlock was first used for tanning in the Hudson River valley. When these supplies were exhausted, tanneries were built in the northern Catskills. Within a few decades tanneries moved into Pennsylvania and the Adirondacks to harvest hemlock there. Finally, following the available stands of hemlock, tanneries moved west across New York and Pennsylvania and into the Midwestern states of Michigan and Wisconsin (McMartin 1992:4).

Barbara McMartin wrote of the effects of this search for hemlock in her history of tanning in the Adirondack Mountains:

> Hemlock trees were cut and stripped of their bark, and more often than not, their naked trunks just left to rot where they were felled. Tanners cleared the hemlock from huge circles ten to twenty miles around their tanneries. In those pockets where hemlock happened to be the dominant species, forest destruction was fairly dramatic. When most of the readily accessible hemlock vanished, the demise of the tanning industry was precipitous and spectacular.... (McMartin 1992:6)

Nineteenth century deeds for the Hiteman tannery specifically mention the hemlock bark that was used for tanning.

The tannin was extracted from the bark by a process called "leaching." Beginning in the 1820s, upstate New York tanners developed the first formal leaching system. Pairs of leaching vats were used, one placed above the other. The top vat contained a heater to warm the water either within the vat or before it entered the leach. Bark was placed in both leaches and water was run into the top leach. After the water had soaked thoroughly through the bark, the tanner allowed it to fall into the lower leach, soak for a time and then pass into the tannery. The process was often repeated with fresh water on the bark to produce a weaker liquor for another tanning stage (Ellsworth 1975:175).

Within a few years, a second methods of leaching was introduced from England, the press leach. In this method, tanners constructed sets of six leaches, one for each work day. The head leach contained new bark while each of the remaining vats held progressively older bark. The back leach contained the oldest bark. Each day workers replaced the oldest bark with a fresh supply. Through a system of conducted and pumps water moved from the back leach forward over the six day period (Ellsworth 1975:176).

With the declining supply and increasing cost of hemlock bark, attempts were made to develop more efficient methods of removing its tannin. In 1862, William Allen and Oscar Warren developed the first practical percolating leach. Liquids slowly dripped into each vat rather than filling it all at once. To achieve a uniform distribution of fluids, Allen and Warren developed a sprinkler bar that rotated around the top of the leach. The water trickled continuously down through the bark. Leaching bark by percolating proved more rapid and thorough than previously used techniques (Ellsworth 1975:178-179).

Actual tanning of leather consisted of two major steps: handling and laying away. Handling, the initial step, involved the exposure of hides to weak tanning solutions, deemed necessary to ensure the production of quality leather. In this phase of the tanning, hides were placed in relatively small vats, called *handlers*, and periodically agitated using long poles in order to expose all portions of the hide to the action of the tanning solution (Beauregard 1974:48). Later this process was improved by the use of rockers, movable frames that could agitate the sides (McMartin 1992:14).

After lying in this weak solution for a period of time, the hides were moved into tanning vats for laying away. In the early tanneries, these vats were large rectangular boxes measuring three by eight feet by four feet deep or larger. Sometimes these vats were filled with alternating layers of ground bark and sides and then filled with water. The water leached the tannin from the ground bark. As tanning progressed, bark was added to increase the strength of the tanning liquor. The vats were arranged in rows with a channel between the rows or a series of pipes connecting them through which water and liquors could be circulated (McMartin 1992:15).

In tanneries in which leaches were used, the tanning liquor resulting from leaching was circulated through the vats in increasingly acidic solutions. Complex systems of pipes and pumps were used to circulate the tanning liquor (McMartin 1992:15-16). Watt reported that the average time for hemlock tanning amounted to five months, twenty-seven days (Watt 1906:249).

The final step in the process was drying in which the hides were hung in a well-ventilated loft or shed for exposure to the open air. After drying, the hides were considered tanned, ready for further processing by curriers (Beauregard 1974:49).

By the mid-nineteenth century, alternative tanning substances were sought to relieve tanners of their dependency on vegetable tannins. The first practical method of chemical tanning was initially developed by a Professor Knapp in 1858 and was patented by August Schultz of New York in 1884. Schultz's method depends on the formation of chromic oxide in the skin, a process brought about by the reduction of chromic acid with suitable agents.

Schultz described the process of chromic tanning:

> ...I subject [hides] to the action of a solution of bichromate of potash in the present of an acid—such as hydrochloric acid...
>
> In this solution the hides are left for a shorter or longer time, according to their thickness and to the strength of the solution employed. A skiver or the face of a sheep skin can be done in a strong solution...in about fifteen minutes, while a full skin "roan" would require the same solution about one hour. I call the solution "weak" if it contains 5 percent or less of the weight of skins of bichromate of potash, and I call the solution "strong" if it contains more than 5 percent of bichromate of potash....
>
> Leather made by my process is very strong, soft, elastic, and my process is applicable to hides or skins of every description (Watt 1906:325-327).

A 1953 New York State Department of Health Industrial Waste Survey indicated that at that time one-third of the tanning undertaken at the Hiteman tannery used the vegetable process and two-thirds used the chromium process (SAIC Engineering 1992b:2-4).

By 1960, the Hiteman Leather Company was processing an average of 500 skins per day and reached its peak production of 1,200 skins per day (Anonymous 1993).

4.4 The Tanning Industry in New York State

For much of the nineteenth century, tanneries in New York State were primarily a locally based industry. An individual in each town and hamlet would process the skin from slaughtered cows, oxen or horses sold to him by individual farmers. By 1810, there were a total of 867 tanneries in New York, twenty percent of the total tanneries in the country (McMartin 1992: 4). These tanneries produced products valued at approximately $1.3 million (Ellsworth 1975:233).

By 1840, the state had 1,216 tanneries. The total invested capital represented by these tanneries was $3,907,348, and a total of 5,579 people were employed in tanning in the state. The state reached its peak number of tanneries in about 1845 when 1,414 tanneries were located in the state. These tanneries produced finished products valued at $6,585,000 (Ellsworth 1975:233).

George A. Hardin's history of Herkimer County presented a relatively complete synopsis of nineteenth century tanneries in operation in Herkimer County. Tanneries were established in the following communities: German Flats, Mohawk Village, Little Falls, Middleville, Salisbury, West Winfield, Crane's Corners, Frankfort, Newport, Norway, Russia, Grant, Van Hornesville, Starkville, Warren, Cedarville, Elizabethtown, Spinnerville, Devereaux, Salisbury Corners, Dolgeville, and Danube. Among the larger tanneries in the county were those located in Little Falls, Middleville, Norway, West Winfield, Dolgeville, and Grant (Fitz Simons 1980).

The tannery in Little Falls was originally built by Nelson Rust. He was succeeded by VanVechten and Weeks and then Gilbert and Weeks. The latter firm sold the facility to J.S. Barnet and Brother in 1885. In 1887, the tannery produced a total of approximately 1,000 waxed calf skins per day. The same firm also operated tanneries in Gloversville and Canisteo, New York (Fitz Simons 1980:1).

Among the county's longest surviving tanneries was one established by John Wood in Middleville in 1814 near West Canada Creek. In 1850, it produced 28,000 sides worth $48,000 (McMartin 260). The tannery, relocated after it was destroyed in a mid-nineteenth century fire, remained in operation until 1960. In 1895, annual production amounted to approximately 125,000 calf skins (Fitz Simons 1980:1). In the 1930s, the business was reorganized as the Middleville Leather Corporation. The tannery, which employed from 125 to 150 people produced women's weight leather, men's weight leather, and handbag and golf-grip leather (Tumminello 1987:1, 5).

In 1853, a large tannery was erected at Grayville, Town of Norway by Oliver Harvey and William Ladue. In 1860, the tannery's invested capital amounted to $100,000. It employed 50 workers and produced 32,000 sides worth $170,000. In 1879, the tannery was acquired by Thomas E. Procter of Boston and was renamed the Graysville Tannery. In 1880, the tannery employed thirty men and tanned 20,000 sides valued at $100,000. The tannery was shut in 1887 (McMartin 1992:201-202).

In 1830, Major D.B. Winton came to Dolgeville where he built a tannery. The business, known as the Herkimer County Tannery, became one of the largest tanneries in the United States. Burned in 1845, it was rebuilt the following year. In 1850, the tannery had fifty workers. A total of 24,500

hides were tanned to produce $135,150 worth of leather. By 1860, the tannery processed 20,000 hides worth $160,000. The tannery went out of business in about 1872 (McMartin 1992:258).

The first tannery in Grant was built in 1821 by Zina and Almond Beecher. By 1877, it was owned by Clark Dolge. It was bought by W.C. Benedict in 1885. In the 1890s, annual production was between 16,000 and 18,000 sides of leather annually (Fitz Simons 1980).

The 1860 census of Products of Industry listed tanneries in several communities in Herkimer County. George M. Thomas operated a tannery in Fairfield with an invested capital of $48,000. Raw materials used in the tannery included 200 cords of wood valued at $800, 600 cords of bark valued at 2,400 and 28,000 hides valued at $28,000. William Steel operated a smaller tannery in Frankfort. Steel's tannery represented invested capital of $1,500. Raw material used included 300 cords of wood valued at $1,000, 300 calf skins valued (Census 1860).

Among the tanneries operating in Herkimer County in 1870 was N.A. Rush and Company in Little Falls. Invested capital totaled $50,000. The tannery was operated by water that generated a total of 10 horsepower. Machinery included a bark mill and a rolling mill. A total of 10 men were employed in the tannery and were paid annual wages of $1,700. Raw materials used included 3,000 hides valued at $15,000, 54,000 calf skins valued at $90,000, 12,000 cords of bark valued at $8,000 and 100 cords of wood valued at $450. Products included 6,400 sides of upper leather, 50,000 sides of rough leather, and 7,000 sides of finish leather. Due to corrections made to the census ledger, the value of these products is now uncertain (Census 1870).

In the years following the Civil War, New York State tanneries faced increased competition. As the supplies of bark dwindled, tanners had to transport it many miles and its cost increased. Tanners in newer areas such as Wisconsin, Kentucky, and Central Pennsylvania had ample bark in close proximity, and Midwestern tanners' costs were reduced by proximity to meat packing centers (Ellsworth 1975:276). To respond to changing market conditions, owners of New York tanneries frequently closed them and opened new ones further west (Ellsworth 1975:276).

In the late 1880s, six tanneries were in operation in Herkimer County. In addition to the West Winfield tannery, then called Beckwith & Company, William Benedict operated a tannery in Grant, J.S. Barnet and Brother in Little Falls, George H. Thomas and Company in Middleville, Luke Snell in Newport, and Charles Deitz in Salisbury Center (Lant & Silvernall 1888:467).

In the early twentieth century, New York remained one of the centers of the tanning industry. A total of 741 tanneries were in operation in the United States in 1914 and 681 in 1919. In 1914, more than 72 percent of the leather produced in the United States was manufactured in six states: Pennsylvania, Massachusetts, Wisconsin, New York, New Jersey, and Michigan. About half of the cattle hides, 55 percent of the calfskins, and almost all of the goatskins used in the manufacture of leather are imported (Federal Trade Commission 1921:25-27).

In 1919, the state had 94 tanneries which employed a total of 587 employees. These tanneries produced products valued at over $98 million. Ten years later, the number of tanneries had dropped to 67. These establishments, which employed a total of 376 produced products valued at $53.7 million (U.S. Department of Commerce 1933: 789).

At the time of the closure of the Hiteman Leather Company, most tanneries in New York State had closed. Hiteman was the last in Herkimer County, the Middleville Tannery having closed in 1960 (McMartin 1992: 261). The one remaining tanning center in New York State is the

Gloversville-Johnstown area. Although beset by pollution problems, a few of its tanneries remain in operation.

4.5 History of the West Winfield Tannery

The Wheeler and Sons tannery was enumerated during the 1870 census. At that time, the property reflected invested capital of $20,000. Power for the facility was provided by a 15 horsepower steam engine. The tannery, which operated year round, employed a total of four men who were paid total wages of $1,300 annually. Raw materials used included 800 slaughter hides valued at $4,000, 14,000 calf skins valued at $20,000, 200 cords of bark valued at $1,100, and 200 bushels of lime valued at $50. Annual production included 1,600 sides of leather valued at $5,200 and 14,000 skins valued at $24,000 (Census 1870).

In 1880, the tannery was recorded as R. Wheeler and Son. The business represented invested capital of $15,000. Raw materials used included 10,000 calf skins valued at $8,000, 800 cow hides valued at $2,500 and "other articles" valued at $1,500. The steam-powered tannery employed six men who were paid a total of $1,560 in annual wages. Products included 10,000 calf skins valued at $11,000, 1,600 sides of leather valued at $4,000, and "other articles" valued at $500 (Census 1880).

After Beckwith's acquisition of the tannery property in 1884, the facility grew rapidly. When he acquired the tannery it was producing 600 calf skins per week. By 1893, this total had grown to 1,800. To accommodate this increased production, the plant was enlarged in 1886, 1887, and 1888. In 1893, the plant employed between 40 and 50 men. Bark for tanning was obtained from forests of Pennsylvania (Hardin 1893:378).

Beckwith's partners, the Hiteman brothers, were both natives of Germany, sons of Conrad and Elizabeth Heitman. Henry Hiteman emigrated in 1863 at the age of 15 and John emigrated in 1870 at the age of 16. The brothers first settled in Cedarville, New York. Initially they farmed, but soon they entered into the tanning business with Oscar Greene and his partner Ezra Beckwith. Henry first worked in tanning in 1869, and John entered into the business in 1874 (Hardin 1893:ii:53). This tannery processed 1,000 skins per week and annually used about 500 cords of bark (Litchfield 1990:98). By 1884, Beckwith and the Hitemans had relinquished their interest in the Cedarville tannery and taken over the West Winfield tannery.

Smith described Henry Hiteman's role in the West Winfield tannery:

> In the operation of the old tannery it was the custom for Henry to look after the process in its initial stages. This required his presence much of the time down in the beamhouse where skins were soaked in a series of vats about 8 feet square and 6 feet deep which were separated by a plank walk. The solution of these vats was anything but tasty, water, acid, raw skins and just a touch of hen maure to give strength to the pickle. The ten inch plank walk was flush with the liquid vat contents....[I]t was once said of Henry Hiteman that he considered it a poor day when he didn't fall into one of these vats (Smith 1979:251).

In 1900, William E. Hiteman, son of Henry Hiteman, entered the tannery business as a partner. The business was then renamed Hiteman Leather Company. Senior partner Henry Hiteman died in 1919 at age 71. John and William E. Hiteman carried on the partnership until 1922 when John

retired from active business and his son George J. Hiteman took over his interest (Anonymous 1949).

George J. Hiteman was the first company official with professional training in his field. After beginning work in the tannery as a boy, he attended the Pratt Institute in New York City where he majored in Tanning and Leather Technology. Hiteman rejoined the family firm following his 1911 graduation and was named company president in 1924 (Anonymous 1949).

A local market was provided for the tannery's leather when Charles D. Wheeler, N.B. Wheeler, and W.E. Hiteman built a two-story shoe factory in the village at a cost of $5,000. In 1901, the factory was sold to Tobin & Hicks. At the peak of its production, its 35 employees turned out up to 100 pairs of shoes per day. In 1904, the factory burned, and its site was used for the R. H. Hicks Department Store (Smith 1979:23).

The oldest identified photograph of the tannery shows it as it appeared in about 1895 (Figure 3). This photograph faces northwest and shows three adjoining, three-story, shed-roofed, wood-framed blocks in the eastern portion of the building. Each is fenestrated with six-over-six, double hung, sash windows. The northeastern portion of the tannery had a deep roof overhang. The northwestern portion of the building was two stories in height. An undated photograph in the publication, *Glimpses of West Winfield*, shows a similar view (Figure 4).

The evolution of the tannery is shown in a series of Sanborn maps. The earliest available footprint, shown on a 1900 Sanborn-Perris map (Figure 5), shows a one, two and three story building, the majority of which is of wood-framed construction. Hide processing was located in the western portion of the building in the hair house, beam house, and leach house. The latter space was equipped with a bark mill. The steam plant for the building was located in a masonry block at the west end of the building. Several adjacent blocks had masonry walls. The eastern portion of the building accommodated the later stages of the process and included a first floor stuffing room, second floor finishing and drying rooms, a drying attic, tanning rooms and a machinery room. Wood-framed storehouses were located to the north and west of the tannery, and a masonry warehouse was located on the north bank of the Unadilla Creek.

Five years later, the basic footprint of the building was only slightly changed (Figure 6). A loading dock had been added to the south wall of the leach house, then used as a coal and leach house. An addition had been made to the center of the south wall in the space then used for tanning, finishing, and dying. A third floor had been added to much of the southeast portion of the building. Additional ancillary buildings had been constructed including a single-story, wood-framed hair storage building, a single-story, wood-framed lime house, and a rectangular building, of both wood-framed and masonry construction shown as a coal house and bark mill. The bark mill, located in the masonry section was not in use at the time of the survey.

In 1910, a few additional changes had been made to the building (Figure 7). The steam plant had been enlarged and the beam house had been extended west. A note on the map indicated that the tanning was done with bark extract. A steam jet was located under the unused bark mill. Outbuildings were little changed. The south end of the building closest to the tannery was then indicated as a storehouse rather than a bark mill, and the hair storage building was labeled as a hair dryer.

A c. 1912 postcard depicts the tannery as it appeared in that year (Figure 8). The eastern block, three stories in height, was slightly set back from the west side of the street. The wood-framed, shed-roofed building was fenestrated with closely spaced, six-over-six, double hung, sash

windows. Its east façade was marked by a signboard below the third story windows and by a molded, bracketed, wood cornice. A gabled roof, wood-framed, three story tall block adjoined the southwest corner of the first block. This block was also fenestrated with six-over-six, double hung, sash windows. A tall brick furnace chimney adjoined the west wall. A single story, gabled roof block was oriented perpendicularly to the second block and was situated to its west. Another roughly contemporaneous view of the tannery is shown in an undated postcard in the collection of the West Winfield Public Library (Figure 9).

To permit expansion, Hiteman Leather Company purchased additional land in 1915. Included in these purchases was a house south of the tannery, land on the south bank of the Unadilla River, and several hundred feet to the rear of the tannery (Smith 1979:26). The land to the rear of the tannery was later used as a settling basin for tannery refuse water (Smith 1979:27).

The most recent Sanborn map, issued in August 1928 is considerably less detailed (Figure 10). The footprint of the building has been expanded southwest in the southeast corner and a new generator room has been added to the southwest corner of the building. The usage of the remaining building spaces is not indicated. The construction of the new power plant necessitated the removal of the former coal house. Most of the other ancillary buildings remained, although the lime house was then used for storage.

During World War II, a major portion of company production was converted to Army and Navy materials. Company products during that time included black calf leather for use in Navy shoes and vegetable-tanned helmet lining leather for Army use. In peacetime, the company specialized in the tanning and finishing of full-grain, chrome-tanned calfskins in black and high colors (Anonymous 1949).

Between 1946 and 1948, a major change occurred to the physical plant of the tannery. The three story, wood-framed, northern blocks were demolished and replaced by a three-story, concrete and steel-framed, flat-roofed block. A photocopy of this addition under construction is in the collection of the West Winfield Public Library (Figure 11) This addition, which cost an estimated $200,000 (SAIC Engineering 1992a:1-5), was fenestrated with ribbons of steel-framed industrial windows with inset six-light hoppers. The remainder of the walls was sheathed in corrugated steel panels (Figure 12).

This addition, which had approximately 25,000 square feet of floor space, included a new beam house, stock room, office, laboratory, and sorting and shipping departments. Total plant space including the addition was approximately 75,000 square feet. The company had the capacity of about 1,200 to 1,600 skins per day. Production was primarily women's weight leather in ultra high colors for shoes and handbags. The company also produced lesser amounts of men's weight leather and slipper leather (Anonymous 1949).

In 1949, George J. Hiteman served as president and general manager of the company. Other company officials included vice-president W. Russell Hiteman, secretary and treasurer Ralph E. Toye, and superintendent Charles K. Hardenburg. Hardenburg, who joined the firm in 1938 was a graduate of the Pratt Institute where he majored in tanning methods (Anonymous 1949).

Over the years, most of the tannery was rebuilt. The only portion of nineteenth century fabric that existed in the building in its last years was the tanbark leaching room (Unadilla 1976:15). In its last years of operation, the tannery produced finished calfskin for shoes and handbag makers throughout the country (Smith 1979:85).

The decision to close the tannery was announced on April 16, 1968. Ralph F. Pleatman, president of the company, attributed the closure to the inability of the company to economically solve pollution problems resulting from the discharge of tannery wastes into the Unadilla River. At the time of the announcement, the tannery employed about 125 people. The last employees worked until the summer of that year (Anonymous 1993).

5. CONCLUSIONS AND RECOMMENDATIONS

5.1 Archeological Sensitivity Evaluation

Four previously recorded prehistoric archeological sites are located within five miles of the Project Area, however none of these sites are closer than two miles from the tannery (Table 1). The Project Area is located on the Unadilla River, and is adjacent to and includes large areas of wetlands. However, with the exception of the four-acre parcel south of the Unadilla River, the entire Project Area has been completely disturbed by the construction and operation of the tannery, and the installation and periodic excavation and refilling of the lagoon and wetland areas west of the former factory.

The earliest documentation of the Project Area in nineteenth-century subscription histories indicates that a tannery was built on the site as early as 1820 (Beers 1879; Hardin 1893). In the early-nineteenth century, the tanning industry in New York began a dramatic transformation to adopt a more industrial approach to production (Sections 4.2, 4.3). Archeological investigations of early tanneries indicate that eighteenth- to early-nineteenth-century tanneries in the United States demonstrate a strong similarity with sixteenth- to eighteenth-century Dutch and English tanneries. Old World traditions are evident in early American tanneries in construction methods and materials, choice of site location relative to residences and commercial centers, and organization of the infrastructure related to the tanning process such as vats and planking (Grobbel 1997: 132). Due to the early construction of a tannery at the site, and the episodes of reconstruction and reorganization of the tannery facility between 1820 and 1968, the Hiteman tannery presents an ideal location to examine the transformation of the tanning industry throughout the nineteenth and early-twentieth centuries.

The Hiteman Leather Tannery, and the previous tanneries on the site, is clearly significant in the industrial and commercial history of West Winfield. Furthermore, the occupational history of the site suggests a potentially important archeological record may have existed on the property that could have documented changes in the tanning industry throughout the nineteenth and early-twentieth centuries. However, the series of expansions and reconstruction of industrial buildings on the property throughout the twentieth century makes it highly unlikely that features associated with earlier components of the tannery are likely to be extant on the property. The concrete basement foundation floor is approximately six feet below grade (Plates 1, 2) and extends south across the property to the banks of the Unadilla River (Figures 10, 14). The 1998 demolition and removal of the most recently constructed tannery (ca. 1946 to 1948; Figures 11, 12) may have further disturbed or obscured any earlier components of the earlier tanneries on the property.

Early historic maps depicting the Project Area (Nichols 1868; Sanborn-Perris 1900; Sanborn 1905; Figures 2, 5, 6) indicate that a two-story frame dwelling formerly stood south of the earlier frame tannery building, north of the Unadilla River. The Nichols 1868 *Atlas* (Figure 2) identify this dwelling as the residence of R[ufus] Wheeler. Wheeler owned the property between 1827 and 1877, and ran the tannery as the Wheeler and Sons Tannery during that time. It is unclear when exactly the house was constructed on the property prior to 1868. Wheeler's heirs may have occupied the house throughout the late-nineteenth century, although the 1905 Sanborn map indicates that the house was vacant after the turn-of-the-twentieth century (Figure 6). The Hiteman Leather Company acquired the lot containing the residence in 1912 (Section 4.5; Smith 1979). The house was apparently demolished around this time (Sanborn 1910; Figure 6), and the factory expanded to include the former site of the house by 1928 (Sanborn 1928; Figure 10). The subsequent reconstruction of the factory in the 1940s included installing a concrete foundation

over this area. In the opinion of JMA, it is unlikely that archeological remains of the Wheeler house would be extant given the history of disturbance ad construction associated with the tannery.

Given the dates of occupation for the house, and its association with at least one owner of the tannery, any archeological deposits associated with the domestic occupation of the structure would likely be considered significant historical resources. In the nineteenth century, domestic garbage and debris was frequently discarded on the premises of the yard surrounding the house. Typically, such debris was deposited into shaft features such as cisterns and privies when these features outlived their usefulness, became unsanitary, or were replaced by more modern conveniences. These shaft features were frequently located in the backyard areas (in this case west of the house) in relatively close proximity to the structure. Due to the expansion of the tannery in the early-twentieth century, and subsequent reconstruction of the factory in the 1940s, it is unlikely that any shaft features or other deposits associated with the nineteenth century occupation of the dwelling are likely to be extant within the Project Area.

Additionally, the entire area west of the extant tannery foundation is completely disturbed. These areas were formerly the sites of settling lagoons that were periodically emptied and refilled throughout the twentieth century operation of the tannery (Figure 14; Plate 7). Any earlier structures or features that may have been located in these areas are unlikely to have remained intact through these episodes of excavation and refilling. These episodes of disturbance also make it highly unlikely that prehistoric archeological deposits could be located within the Project Area north of the Unadilla River.

The degree of previous disturbance to the four-acre parcel south of the river could not be determined from surface indications. The river has been re-routed and has sections of rip-rap reinforced banks throughout this area (Plate 10), however some sections of the southern parcel may be undisturbed. Prehistoric archeological resources could potentially be located in the southern four-acre parcel. Furthermore, a historic house is documented on the south bank of the River in 1910 (Sanborn 1910; Figure 7). This structure is not depicted on earlier maps depicting the Project Area (Nichols 1868; Sanborn-Perris 1900; Sanborn 1905; Figures 2, 5, 6) and was apparently occupied at least as late as 1928 (Sanborn 1928; Figures 10, 13). A concrete wall is located adjacent to the riverbank within the front (east) two acres of this four-acre parcel. According to EPA, the current owner of the rear (west) two-acre parcel within the southern four-acre parcel reports that this wall segment was the rear part of the foundation of the house documented on the 1910 Sanborn map (Figure 7). An extant horse barn is located within the western two acres of the four-acre parcel (Figure 14, Plate 12). According to the current owner of this western two-acre parcel, the horse barn was built relatively recently (i.e., approximately thirty years ago) and is not associated with the early-twentieth-century house. Archeological features associated with the early-twentieth-century house may be extant within the southern parcel of the Project Area.

5.2 Recommendations

The Hiteman Leather Company tannery, and previous tanneries on the site, were clearly significant aspects of the industrial and commercial history of West Winfield. Because of the long history of tanning associated with the property (ca. 1820 to 1868) during a period of dramatic transformation of the tanning industry, the property had the potential to provide important information concerning the industrialization of tanning in New York in the nineteenth and early-twentieth centuries. However, based on the results of JMA's archival and cartographic research,

and observations recorded during the site reconnaissance, the entire Project Area north of the Unadilla River appears to have been extensively disturbed. Previous disturbances include the expansion and reconstruction of the tanning factory in the early-twentieth century, and extensive previous ground disturbance west of the tannery associated with the excavation of the lagoon areas. In the opinion of JMA, because of this history of disturbance it is unlikely that archeological remains associated with earlier period in the tannery's operation are extant within the Project Area.

During EPA's site investigation, asbestos pipe covering was found throughout the building and the structure and chimney-stack were evaluated as being structurally unsound. Based on this evaluation EPA conducted an asbestos removal in 1996. In 1998 the estate of the deceased owner of the property had the c. 1946 tannery building demolished (CDM 2001). Because of this demolition, the remains associated with the Hiteman Leather Company tannery possess little physical integrity. As a result, the extant physical remains on the property have limited potential to provide important information about the history of former tannery operations.

In the course of conducting background research, JMA personnel were informed that corporate records associated with the operation of the tannery were donated to Cornell University in Ithaca, New York. Inquiries to Cornell determined that approximately thirty cubic-feet of Hiteman Leather Company records are in the holdings of the Rare Book and Manuscripts Division of Cornell's Kroch Library. The records cover the period from 1898 until 1968 and include correspondence, financial and business records, and detailed material on daily maintenance of a tannery operation.

Because the physical integrity of the archeological remains of the tannery have been compromised, the Hiteman company records at Cornell may provide the best available source of information about the history of the site. In the opinion of JMA, the tannery complex was significant in the local history of West Winfield. It's significance in the larger context of the history of the leather and tanning industry in New York and the Middle Atlantic region is less clear. To further evaluate the historical significance of the Hiteman Leather Company complex, JMA recommends that a Stage II survey consisting of an inventory and evaluation the Hiteman Leather Company records at Cornell be undertaken.

During JMA's field reconnaissance, CDM personnel indicated that the results of current groundwater testing in the southern four-acre parcel of the Project Area would determine the nature and extent of future activities in that portion of the Project Area. The results of JMA's background research and the site reconnaissance suggest that this parcel has not been subjected to extensive previous disturbances, with the exception of possible rerouting of the Unadilla River along the northern perimeter of the parcel. Moreover, an early-twentieth-century residence is indicated on historic maps and an undated aerial photograph depicting the Project Area (Sanborn 1910, 1928; Figures 7,10,13). If ground-disturbing activities are proposed in this four-acre parcel as part of future site remediation, a Phase 1B archeological survey should be undertaken.

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Table 1. Previously recorded archeological sites within five-miles of the Project Area.

OPRHP #	NYSM #	Site Name	Description	Period	Comments/References	USGS Quad	Distance to Project Area
	4514	-	rockshelter	unknown	ACP Otsego (Parker 1920)	Unadilla Forks	3.6 miles southwest
A065.05.0006		Laukaitus Site	artifacts	prehistoric (unknown)	3 bifaces, fire cracked rock & lithic debitage (PIN 2056.41)	West Winfield	2.7 miles west
A043.19.0006		Junkyard Site (SUBi 1197)	artifacts	prehistoric (unknown)	1 chert scraper, 4 retouched flakes, 3 debitage flakes recovered during Stage 2 investigations for Tennessee Gas Pipeline (Hohman 1990)	Unadilla Forks	2 miles southeast
A043.19.0007		Burgess I Site (SUBi 1198)	artifacts	prehistoric (unknown)	1 chert scraper, 1 possible core, 3 debitage flakes recovered during Stage 2 investigations for Tennessee Gas Pipeline (Hohman 1990)	Unadilla Forks	2.8 miles southeast
A043.19.000008		MLV 245 Site 1	artifacts	historic	3 sherds of white earthenware & 1 fragment of clear flat glass recovered during Stage 1 survey for Tennessee Gas Pipeline (Clifford 1999)	Unadilla Forks	1.9 miles southeast
A043.19.000009		MLV 245 Site 2	artifacts	historic	3 fragments of clear flat glass & 4 fragments of clear bottle glass recovered during Stage 1 survey for Tennessee Gas Pipeline (Clifford 1999)	Unadilla Forks	2 miles southeast
A043.19.000010		MLV 245 Site 3	artifacts	historic	large assemblage of historic ceramics, glass, and metal recovered during Stage 1 survey for Tennessee Gas Pipeline (Clifford 1999)	Unadilla Forks	2.4 miles southeast

Table 1. Previously recorded archeological sites within five-miles of the Project Area (continued).

OPRHP #	NYSM #	Site Name	Description	Period	Comments/References	USGS Quad	Distance to Project Area
A065.48.0040		USPS Bridgewater Site	structural remains	nineteenth century	large assemblage of historic artifacts associated with map documented structures (now demolished) (Barbour *et al.* 1997)	Cassville	2.9 miles west
A053.01.0002		Site 1 (Paint Shop)	mill remains	late-nineteenth century	extant foundations & mill pond earthwork (NYSM survey)	Brookfield	4.3 miles southwest
A053.01.0003		Site 2 (Carriage Shop)	structural remains	late-nineteenth century	buried foundation remains & concentration of historic artifacts (NYSM survey)	Brookfield	4.2 miles southwest
A053.01.0004		Site 3 (W. Delancey)	structural remains	nineteenth century	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	4.1 miles southwest
A053.01.0005		Site 4 (Clarke Cemetery)	cemetery	nineteenth century	extant headstones in excellent condition (NYSM survey)	Brookfield	4.1 miles southwest
A053.01.0006		Site 5 (J. A. Scott)	structural remains	nineteenth century	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	4 miles southwest
A053.01.0007		Site 6 (Tollgate)	structural remains	early-nineteenth century	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	4 miles southwest
A053.01.0008		Site 7(A. Scott)	structural remains	nineteenth century	barn & silo foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	3.9 miles southwest
A053.01.0009		Site 8 (L. R. Scott)	structural remains	nineteenth century	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	3.9 miles southwest
A053.01.000128		J. Clark Saw Mill Complex	mill remains	nineteenth century	foundation remains associated w/ map documented structures (OPRHP-FSB Brookfield Map Review)	Brookfield	4.3 miles southwest

Table 1. Previously recorded archeological sites within five miles of the Project Area.

OPRHP #	NYSM #	Site Name	Description	Period	Comments/References	USGS Quad	Distance to Project Area
	4514	-	rockshelter	unknown	ACP Otsego (Parker 1920)	Unadilla Forks	3.6 miles southwest
A065.05.0006		Laukaitus Site	artifacts	prehistoric (unknown)	3 bifaces, fire cracked rock & lithic debitage (PIN 2056.41)	West Winfield	2.7 miles west
A043.19.0006		Junkyard Site (SUBi 1197)	artifacts	prehistoric (unknown)	1 chert scraper, 4 retouched flakes, 3 debitage flakes recovered during Stage 2 investigations for Tennessee Gas Pipeline (Hohman 1990)	Unadilla Forks	2 miles southeast
A043.19.0007		Burgess I Site (SUBi 1198)	artifacts	prehistoric (unknown)	1 chert scraper, 1 possible core, 3 debitage flakes recovered during Stage 2 investigations for Tennessee Gas Pipeline (Hohman 1990)	Unadilla Forks	2.8 miles southeast
A043.19.000008		MLV 245 Site 1	artifacts	historic	3 sherds of white earthenware & 1 fragment of clear flat glass recovered during Stage 1 survey for Tennessee Gas Pipeline (Clifford 1999)	Unadilla Forks	1.9 miles southeast
A043.19.000009		MLV 245 Site 2	artifacts	historic	3 fragments of clear flat glass & 4 fragments of clear bottle glass recovered during Stage 1 survey for Tennessee Gas Pipeline (Clifford 1999)	Unadilla Forks	2 miles southeast
A043.19.000010		MLV 245 Site 3	artifacts	historic	large assemblage of historic ceramics, glass, and metal recovered during Stage 1 survey for Tennessee Gas Pipeline (Clifford 1999)	Unadilla Forks	2.4 miles southeast

Table 1. Previously recorded archeological sites within five miles of the Project Area (continued).

OPRHP #	NYSM #	Site Name	Description	Period	Comments/References	USGS Quad	Distance to Project Area
A065.48.0040		USPS Bridgewater Site	structural remains	historic (19th century)	large assemblage of historic artifacts associated with map documented structures (now demolished) (Barbour *et al.* 1997)	Cassville	2.9 miles west
A053.01.0002		Site 1 (Paint Shop)	mill remains	historic (late 19th century)	extant foundations & mill pond earthwork (NYSM survey)	Brookfield	4.3 miles southwest
A053.01.0003		Site 2 (Carriage Shop)	structural remains	historic (late 19th century)	buried foundation remains & concentration of historic artifacts (NYSM survey)	Brookfield	4.2 miles southwest
A053.01.0004		Site 3 (W. Delancey)	structural remains	historic (19th century)	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	4.1 miles southwest
A053.01.0005		Site 4 (Clarke Cemetery)	cemetery	historic (19th century)	extant headstones in excellent condition (NYSM survey)	Brookfield	4.1 miles southwest
A053.01.0006		Site 5 (J. A. Scott)	structural remains	historic (19th century)	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	4 miles southwest
A053.01.0007		Site 6 (Tollgate)	structural remains	historic (early 19th century)	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	4 miles southwest
A053.01.0008		Site 7(A. Scott)	structural remains	historic (19th century)	barn & silo foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	3.9 miles southwest
A053.01.0009		Site 8 (L. R. Scott)	structural remains	historic (19th century)	foundation remains associated w/ map documented structure (NYSM survey)	Brookfield	3.9 miles southwest
A053.01.000128		J. Clark Saw Mill Complex	mill remains	historic (19th century)	foundation remains associated w/ map documented structures (OPRHP-FSB Brookfield Map Review)	Brookfield	4.3 miles southwest

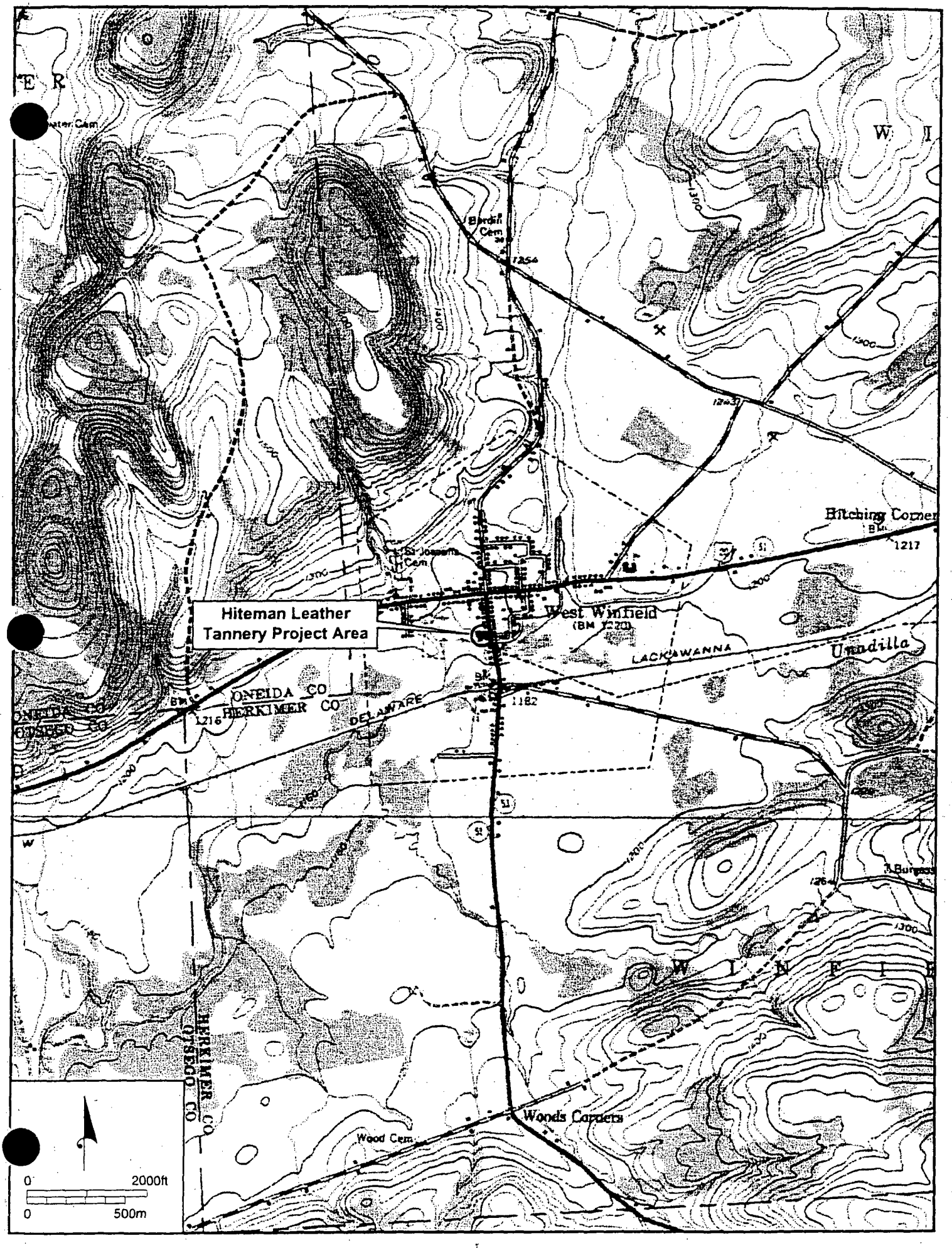


Figure 1. Detail, *West Winfield, N.Y.* and *Unadilla Forks, N.Y.* 7.5-minute quadrangle maps (USGS 1943a, 1943b) of the Hiteman Leather Company

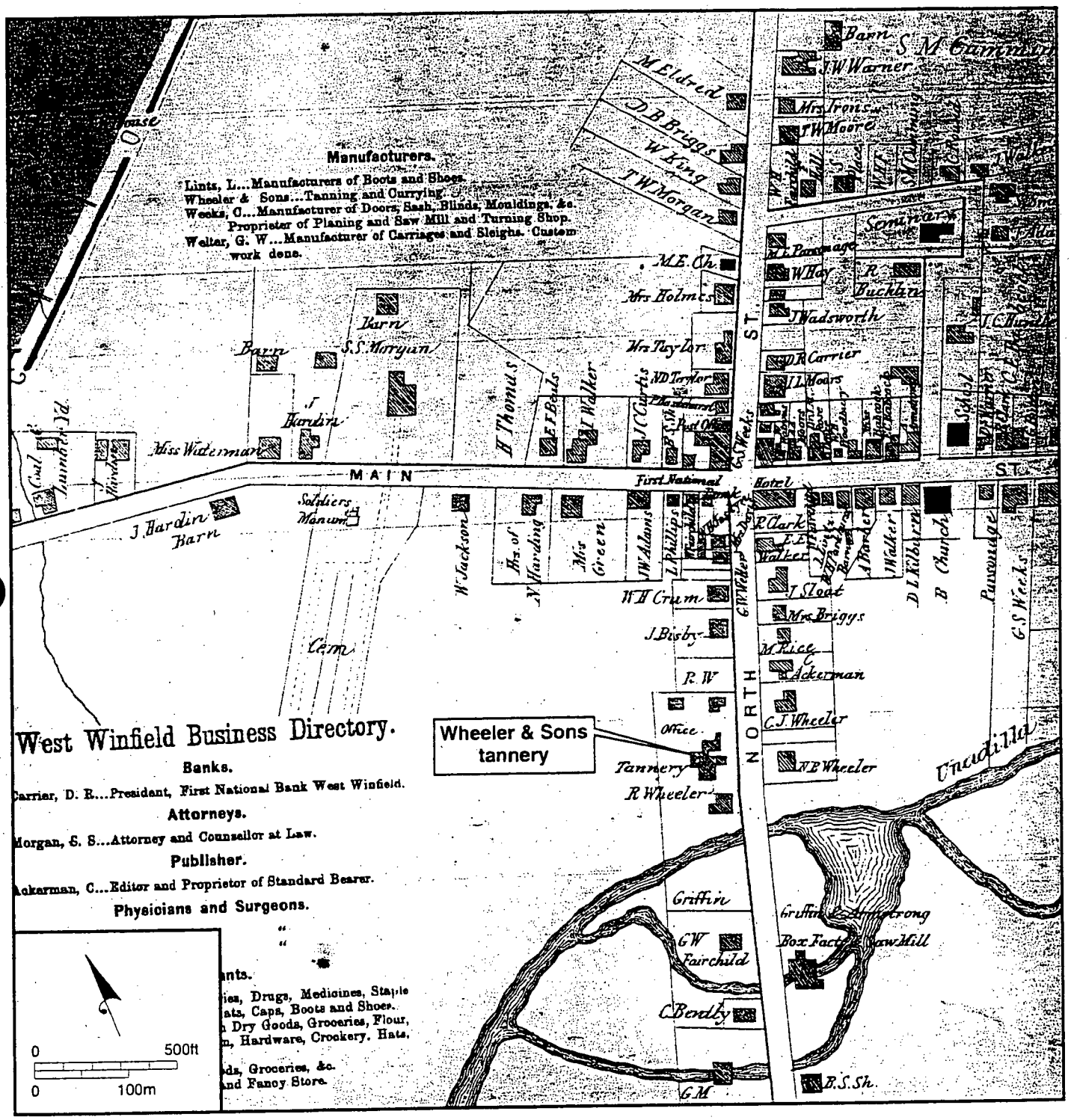


Figure 2. Detail, *Atlas of Herkimer County, New York* (Nichols 1868), showing location of Wheeler & Sons tannery in West Winfield.

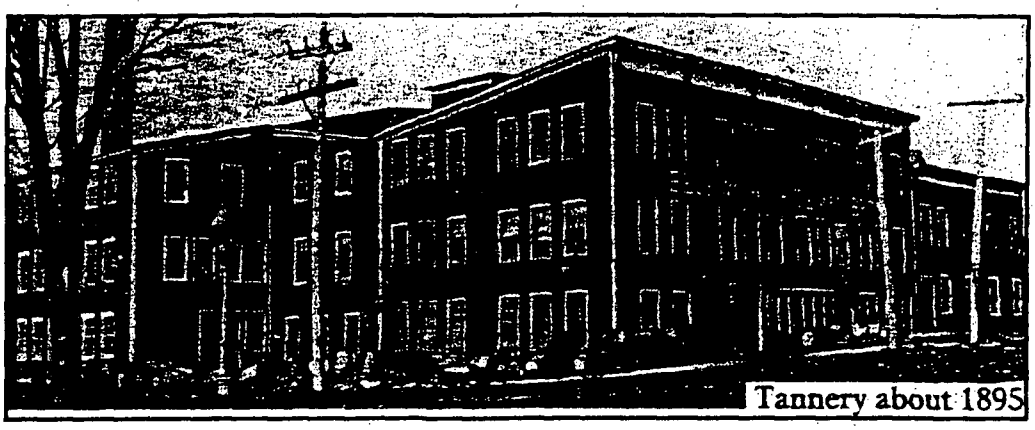


Figure 3. Beckwith & Hiteman Brothers tannery, c. 1895 (Smith 1979).

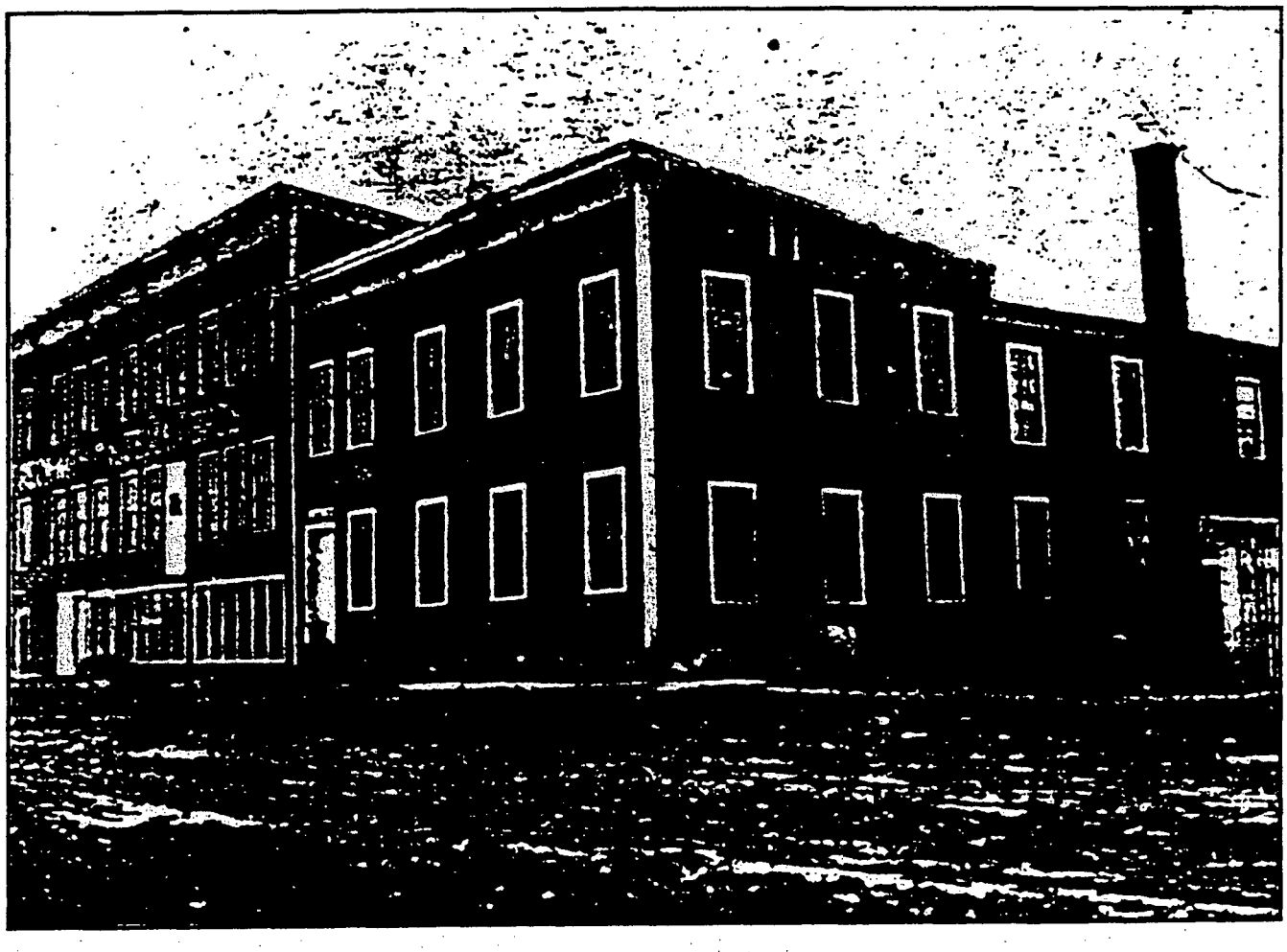


Figure 4. Undated photograph of Beckwith & Hiteman Bros. tannery. From photocopy of *Glimpses of West Winfield.* Herkimer County Historical Society, Herkimer, New York.

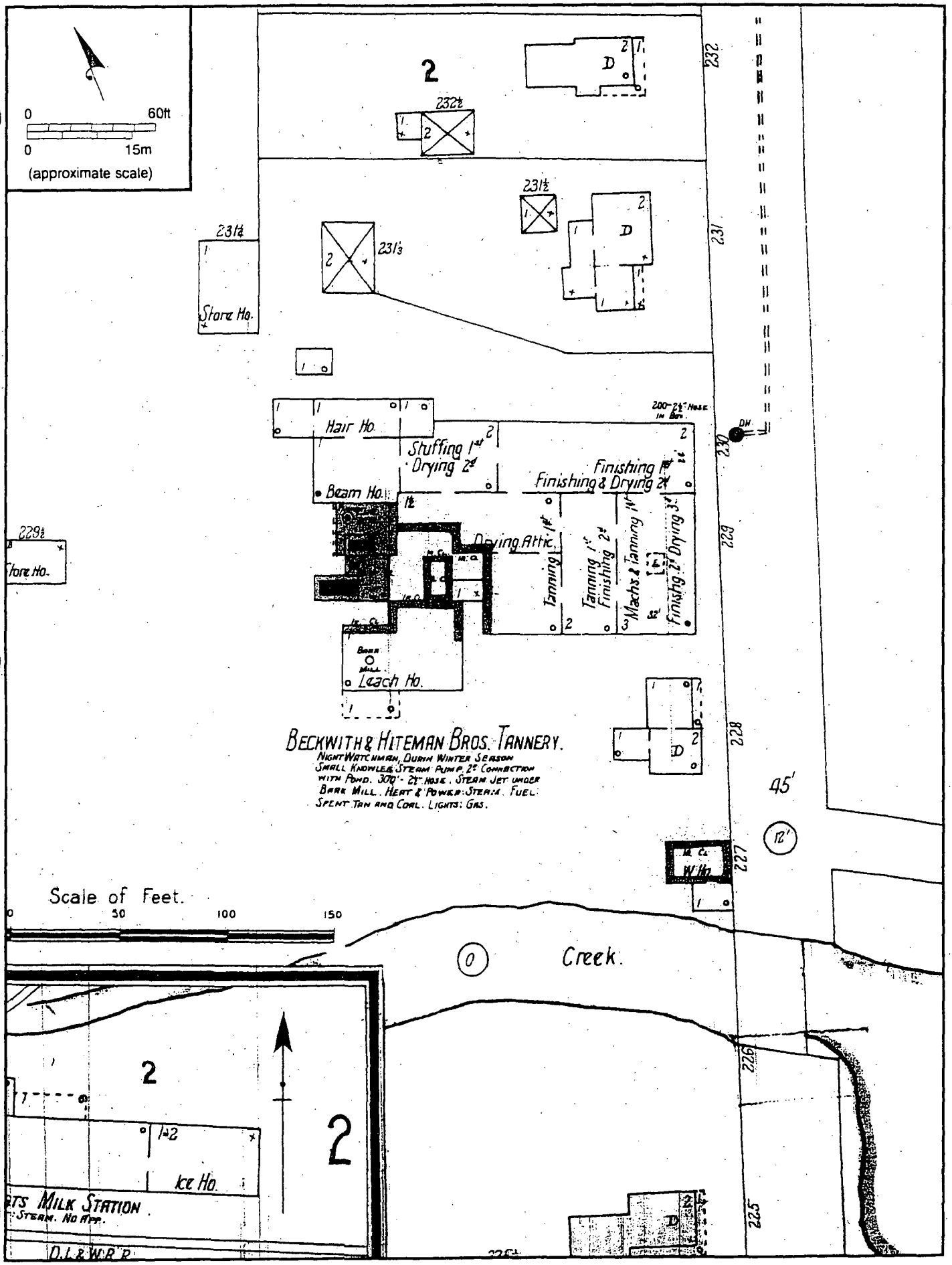


Figure 5. Beckwith & Hiteman Brothers Tannery (Sanborn-Perris 1900).

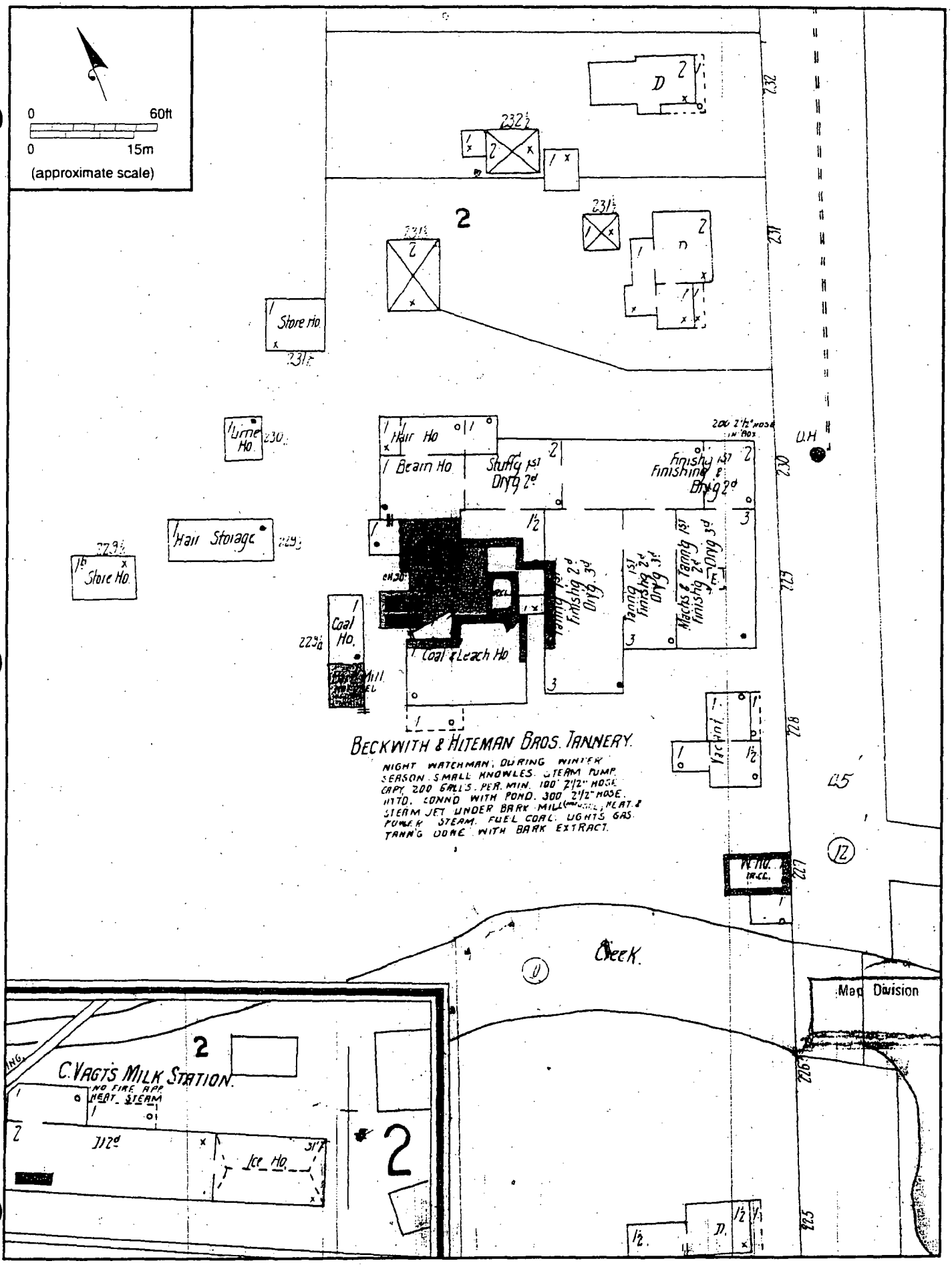


Figure 6. Beckwith & Hiteman Brothers Tannery (Sanborn 1905).

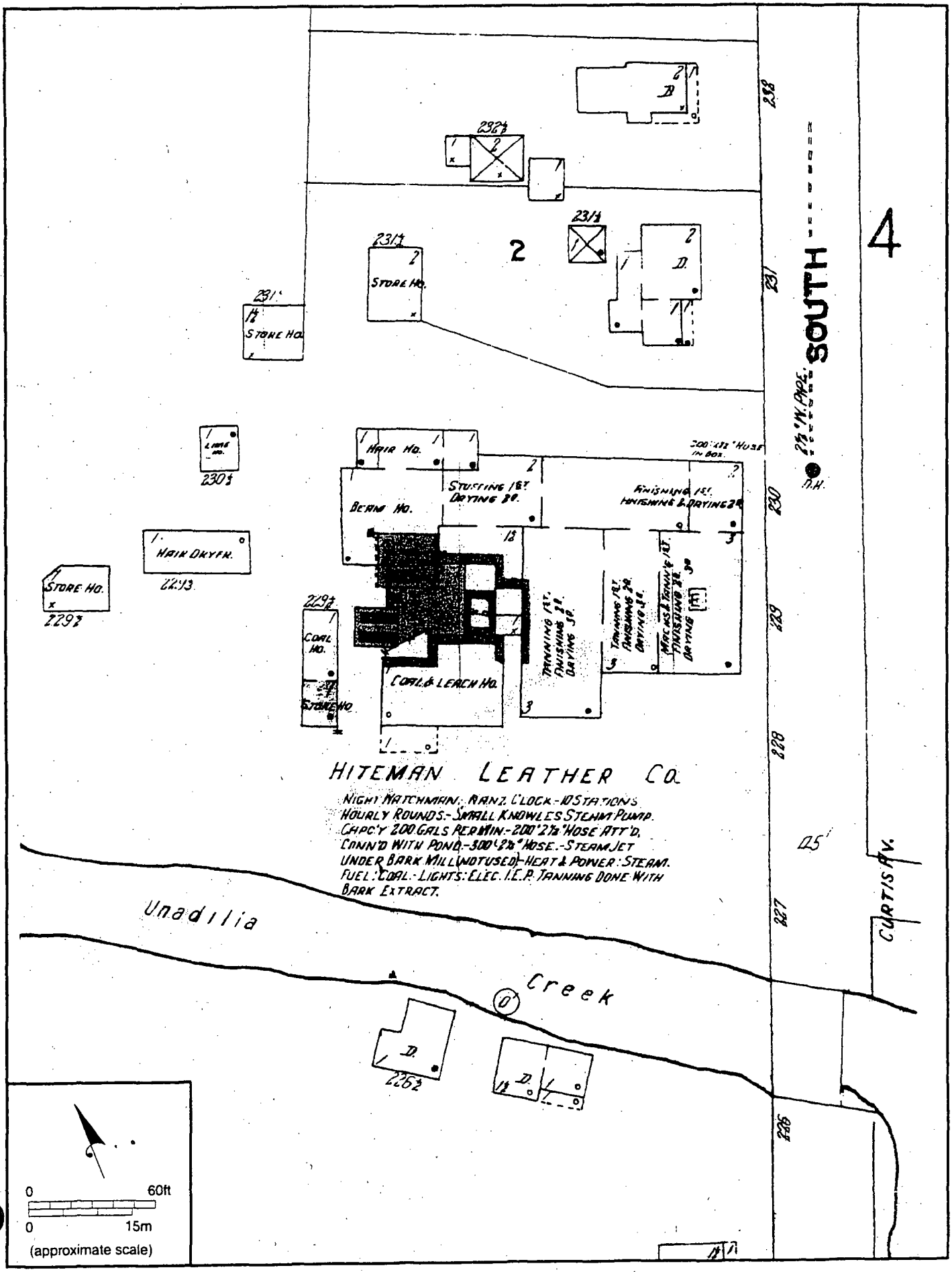


Figure 7. Hiteman Leather Company (Sanborn 1910).



Figure 8. Hiteman Leather Company, c. 1912 (Murphy 2001).



Figure 9. Undated postcard showing Hiteman Leather Company. From local history collection, West Winfield Library.

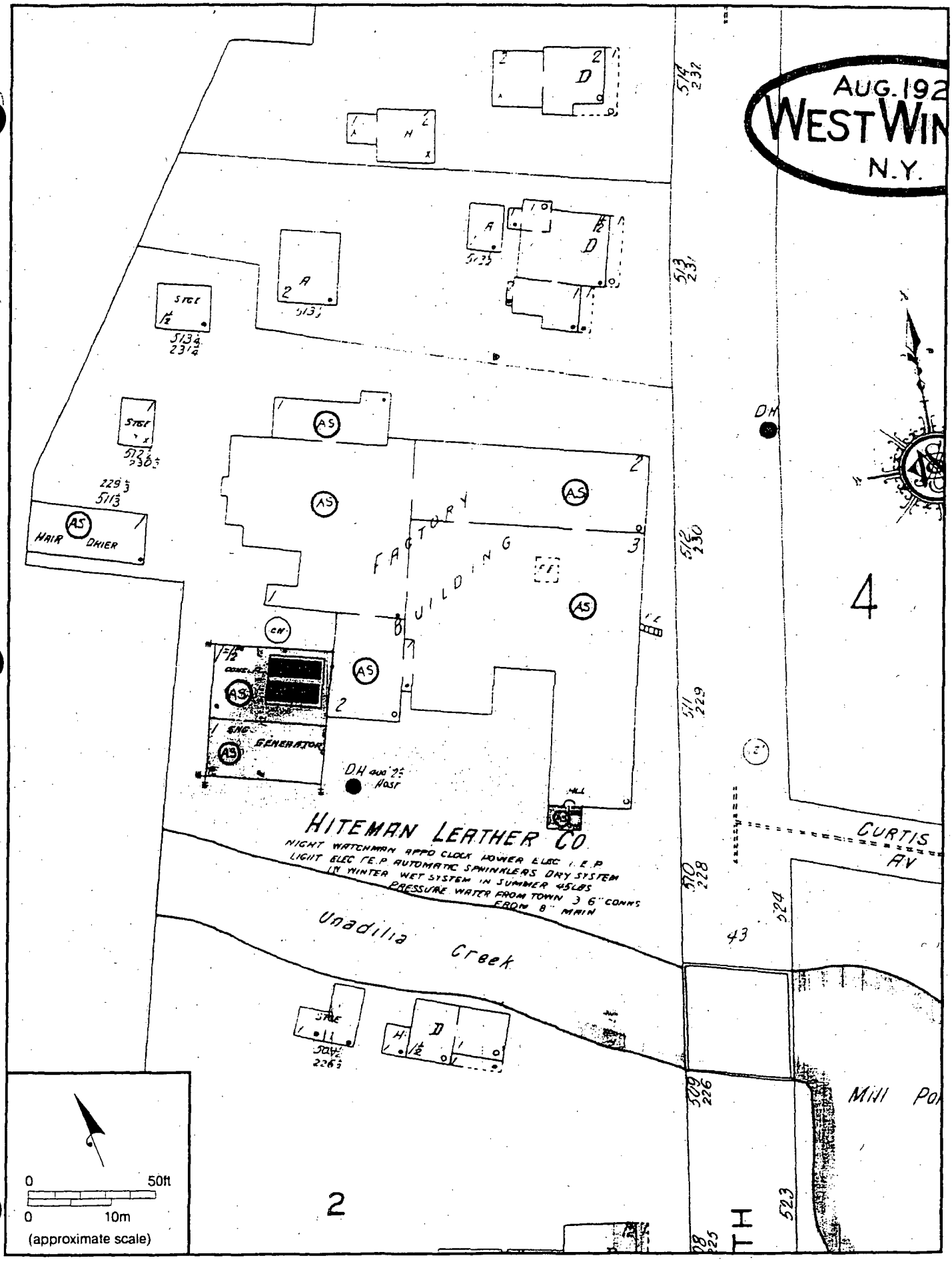


Figure 10. Hiteman Leather Company (Sanborn 1928).

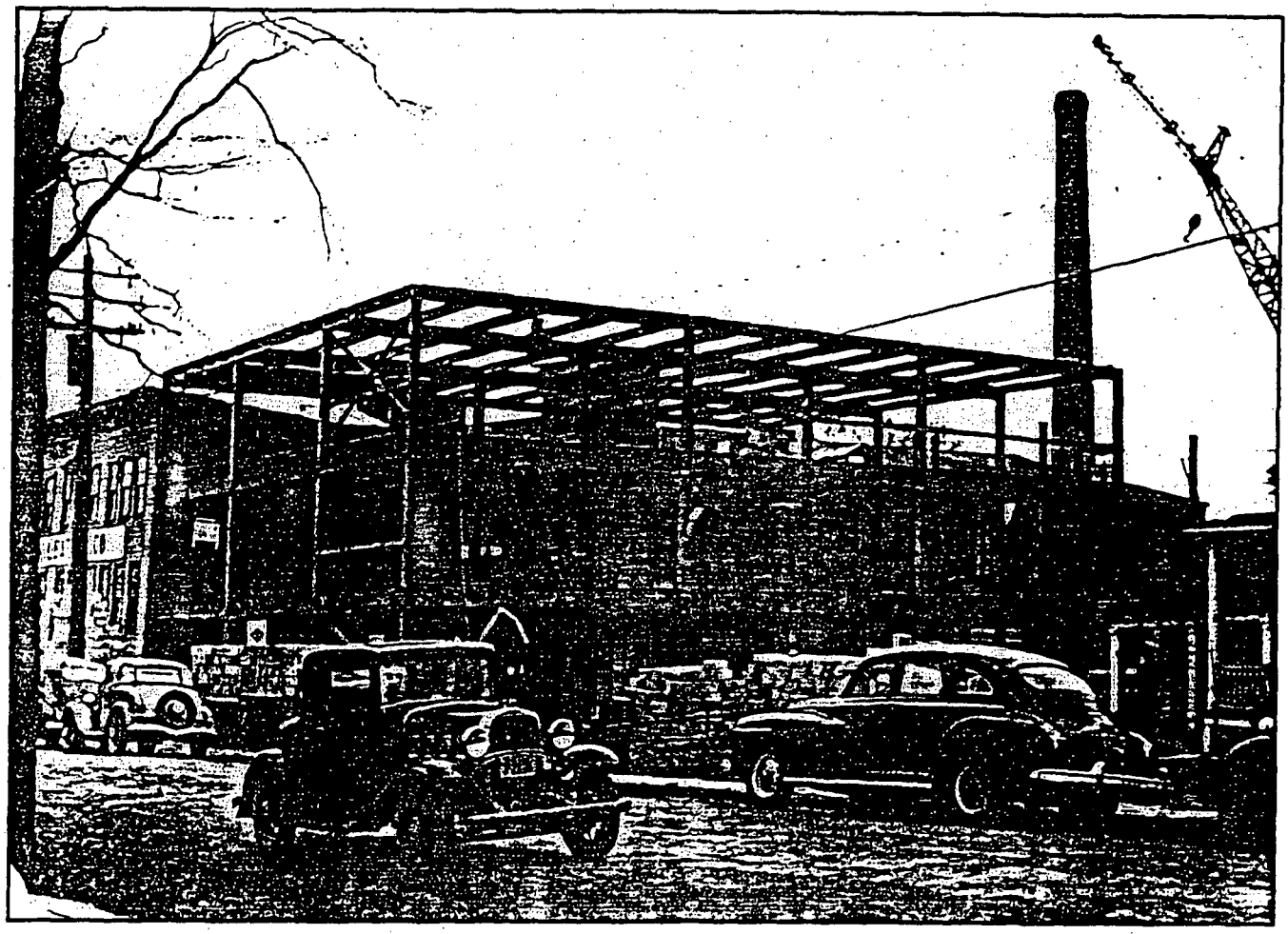


Figure 11. Addition to Hiteman Leather Company under construction, c. 1948. From local history collection, West Winfield Library.

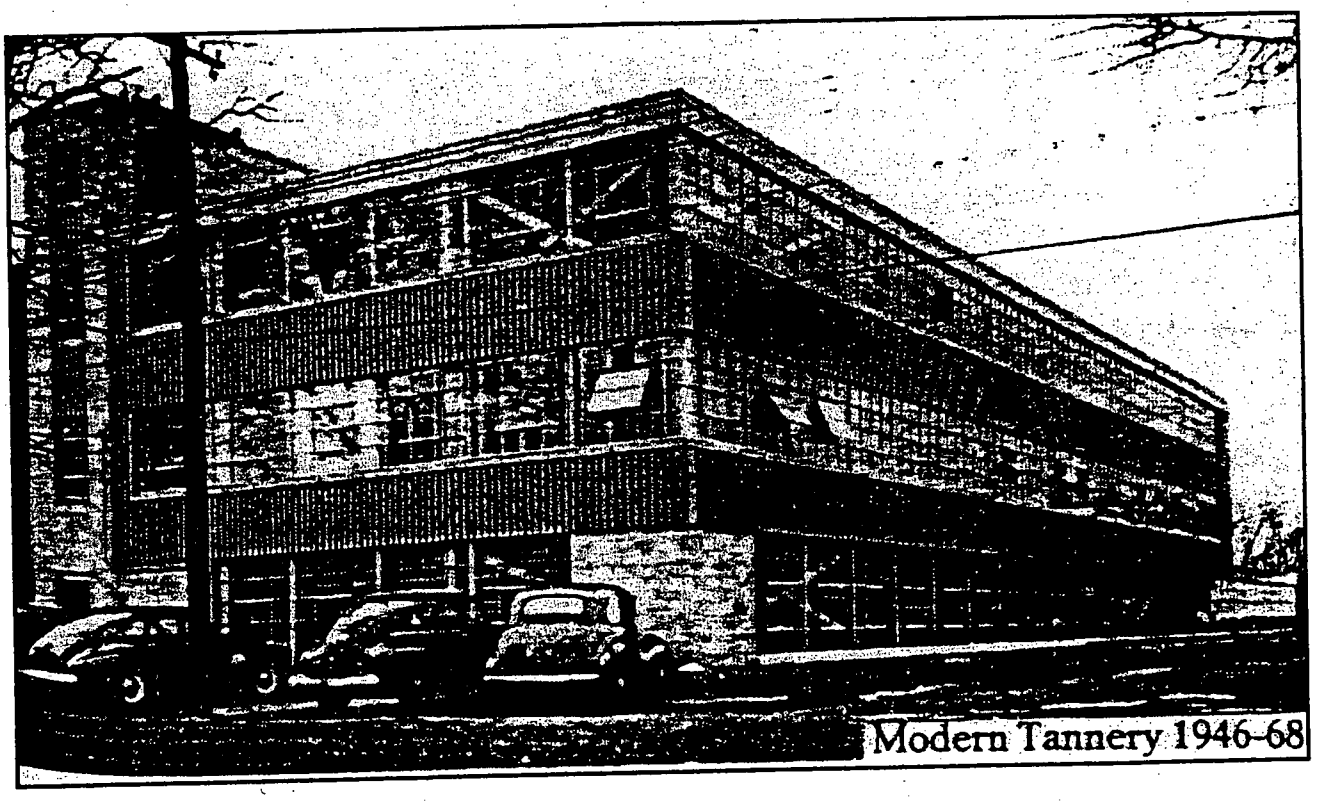


Figure 12. Hiteman Leather Company addition, 1948 (Smith 1979).

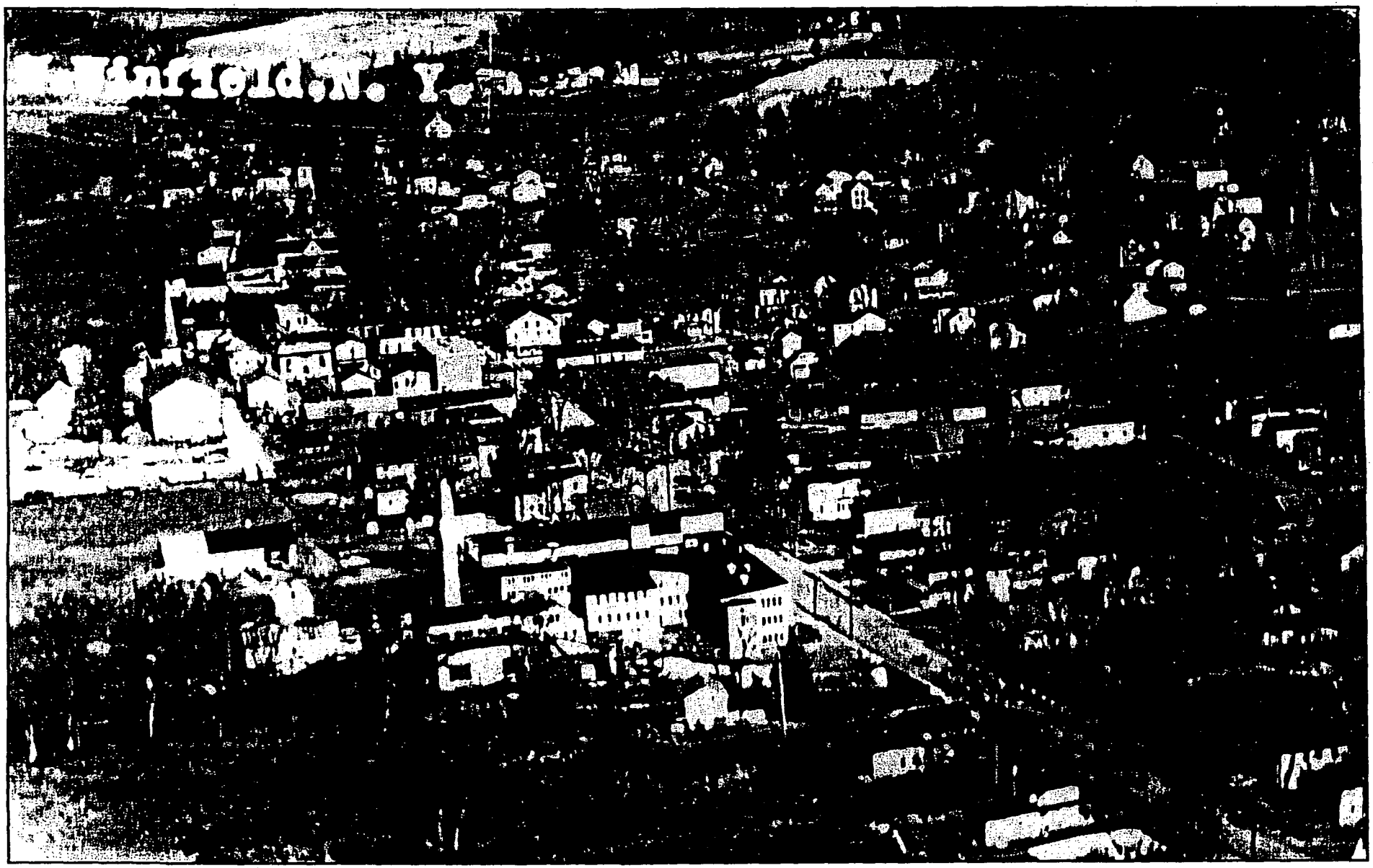


Figure 13. Undated aerial photograph of West Winfield showing Hiteman Leather Company in central foreground. From local history collection, West Winfield Library.

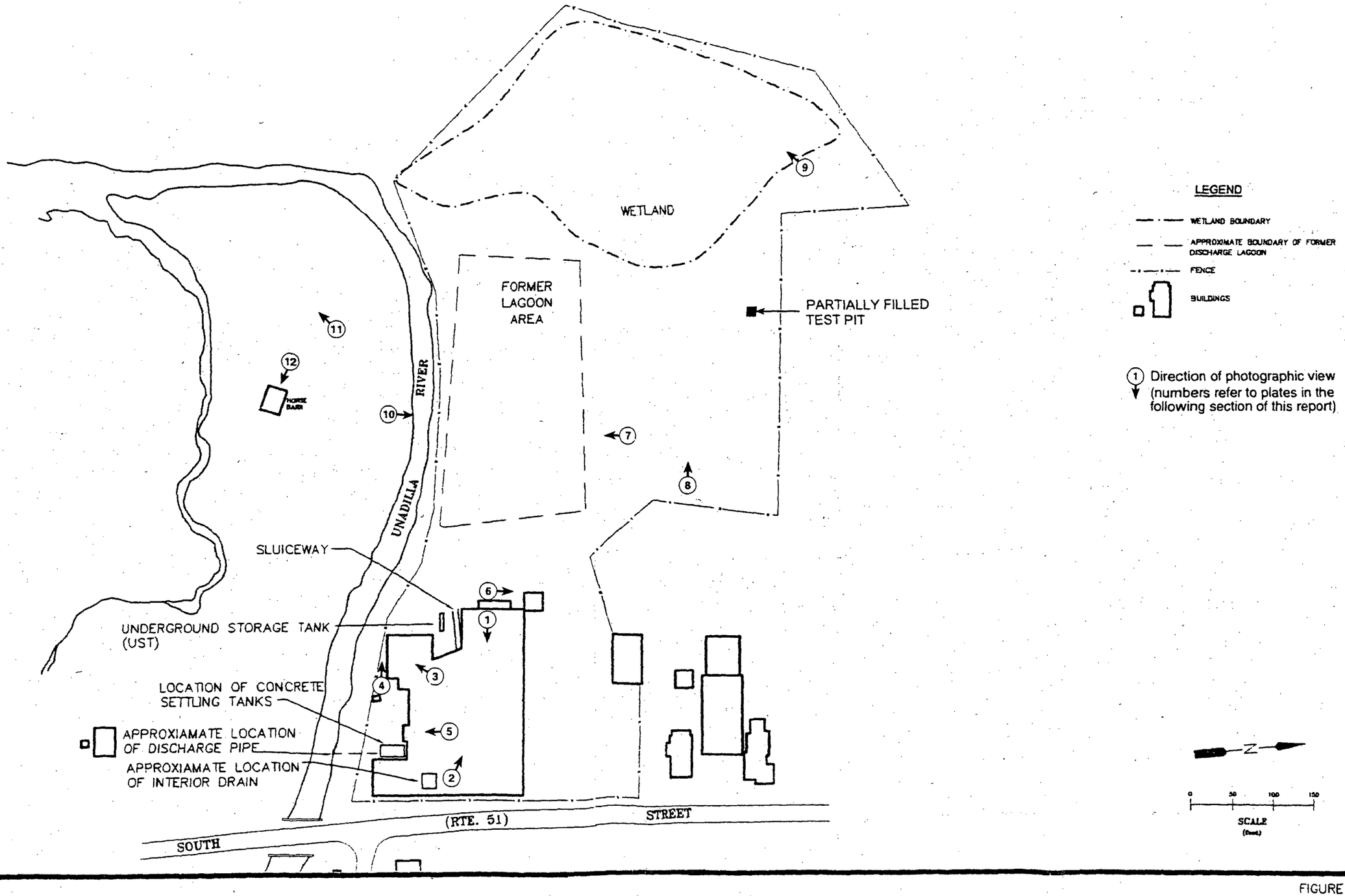


Figure 14. Plan of the Hiteman Leather Company Project Area indicating locations of



Plate 1. Concrete foundation floor of the former Hiteman Leather Tannery, from the northwest corner; view east.



Plate 2. Concrete foundation floor of the former Hiteman Leather Tannery, from the southeast corner; view west.



Plate 3. Mounds of brick and demolition rubble in the southwest corner of the tannery foundation; view south.



Plate 4. Extant wall segments and demolition rubble along the southern perimeter of the tannery foundation; view south.



Plate 5. Base of a chimney stack and structural supports along the southern perimeter of the tannery foundation; view south.



Plate 6. Extant shed or outbuilding adjacent to the northwest corner of the former tannery; view north.



Plate 7. The former lagoon area; view south.

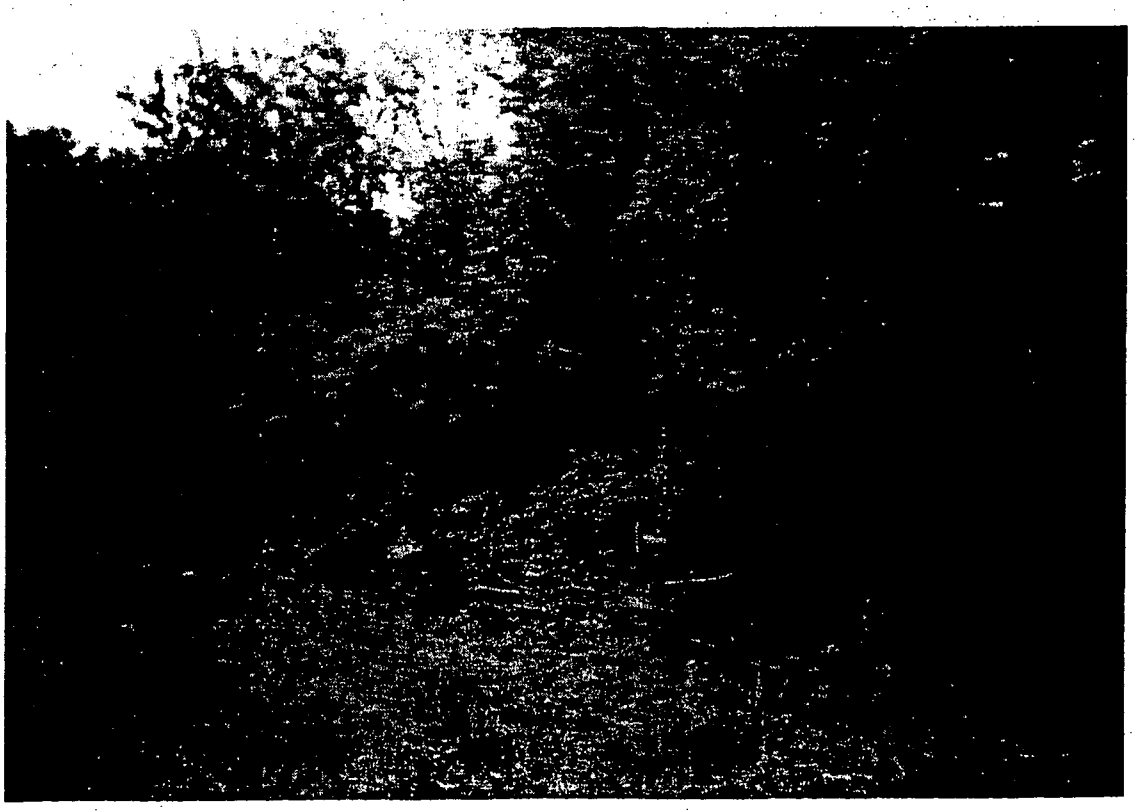


Plate 8. Example of the demolition/fill mounds located north of the former lagoon area; view west.



Plate 9. Wetland west of the former lagoon area; view southwest.



Plate 10. Rip-rap lining stabilizing the north bank of the Unadilla River; view north.

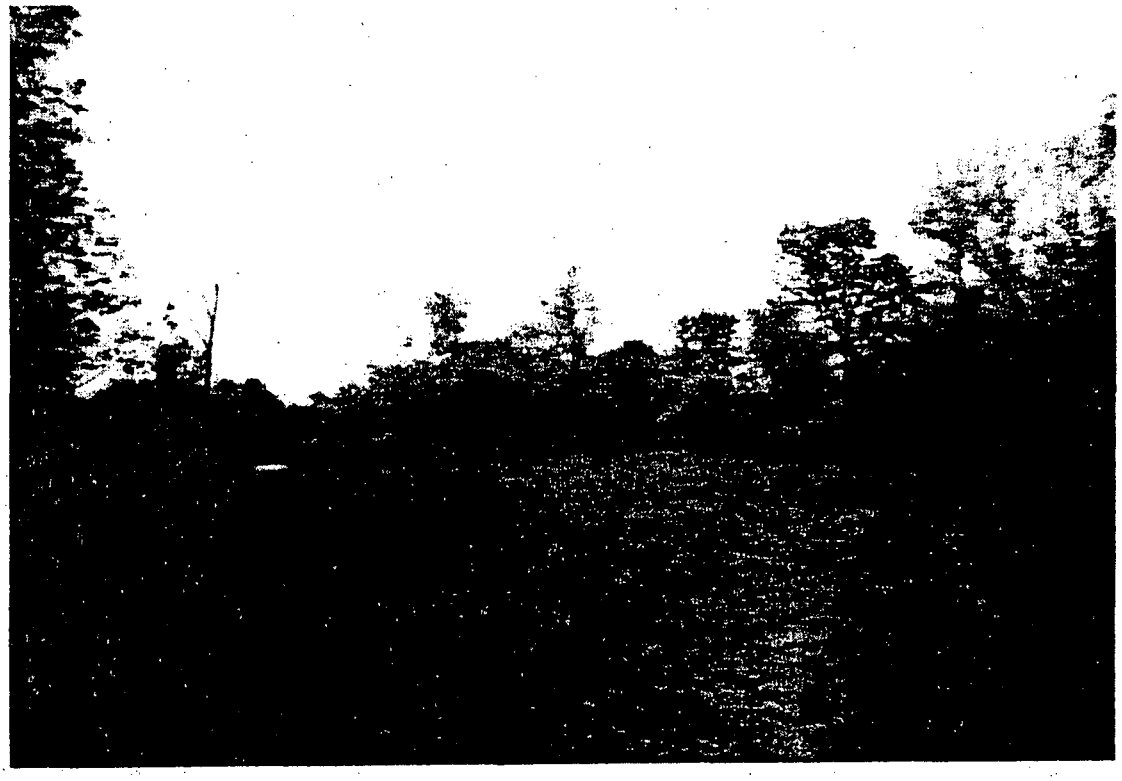
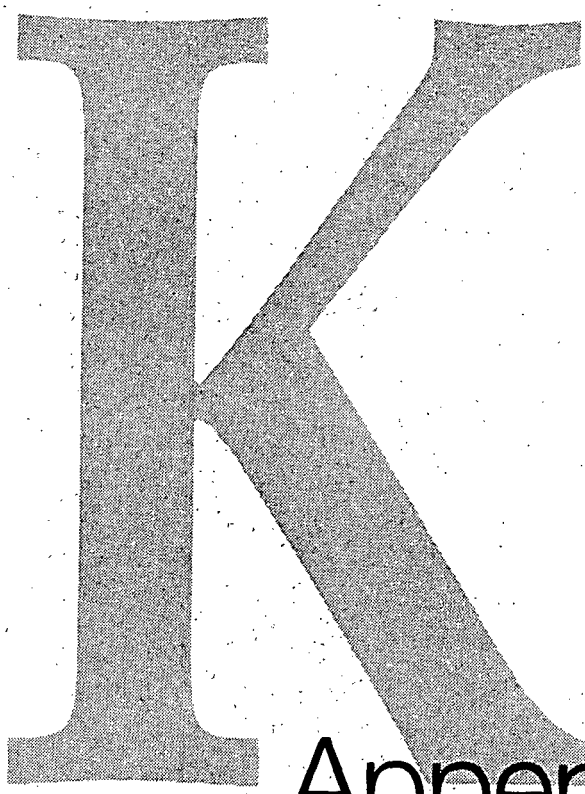


Plate 11. Environmental context of the two-acre parcel south of the Unadilla River; view southwest.



Plate 12. Extant horse-barn or outbuilding located in the southern parcel of the Project Area; view east.



Appendix K

APPENDIX K

SCREENING CRITERIA EXCEEDENCE TABLES

Soil Sample Exceedance Tables

Exceedances [redacted]eening Criteria
Building Boring S[redacted]face Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Units	Range of Detection	Minimum	Exceed Quotient
Antimony	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	1.1	BJ	mg/Kg	0.8 - 1.2	,BKGD-SUBSUR	2
Antimony	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	7	BJ	mg/Kg	0.8 - 1.2	,BKGD-SUBSUR	11
Arsenic	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	8.8		mg/Kg	0 - 0	NYSDEC-RSCO	1
Arsenic	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	7.8		mg/Kg	0 - 0	NYSDEC-RSCO	1
Arsenic	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	7.8		mg/Kg	0 - 0	NYSDEC-RSCO	1
Arsenic	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	9.9		mg/Kg	0 - 0	NYSDEC-RSCO	1
Barium	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	104	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	1
Barium	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	140	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	1
Beryllium	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	0.7	B	mg/Kg	0 - 0	NYSDEC-RSCO	4
Beryllium	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	0.32	BJ	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	0.29	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	BSB-5	BSB-05-8-10	4/3/2002	8	10	ft	0.36	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	0.8	B	mg/Kg	0 - 0	NYSDEC-RSCO	5
Beryllium	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	0.55	B	mg/Kg	0 - 0	NYSDEC-RSCO	3
Beryllium	BSB-4	BSB-04-8-10	4/3/2002	8	10	ft	0.3	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	0.28	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	0.78	B	mg/Kg	0 - 0	NYSDEC-RSCO	5
Beryllium	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	0.3	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Cadmium	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	0.77	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	8
Cadmium	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	0.54	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	0.46	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	BSB-5	BSB-05-8-10	4/3/2002	8	10	ft	0.45	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	BSB-2	BSB-02-8-10	4/2/2002	8	10	ft	0.23	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	0.41	BJ	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	4
Cadmium	BSB-4	BSB-04-8-10	4/3/2002	8	10	ft	0.29	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	0.5	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	0.44	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	BSB-1	BSB-01-8-10	4/2/2002	8	10	ft	0.14	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	1
Cadmium	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	0.58	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	0.75	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	8
Cadmium	BSB-3	BSB-03-8-10	4/3/2002	8	10	ft	0.2	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	2
Calcium	BSB-2	BSB-02-8-10	4/2/2002	8	10	ft	258000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	BSB-5	BSB-05-8-10	4/3/2002	8	10	ft	97500	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Calcium	BSB-3	BSB-03-8-10	4/3/2002	8	10	ft	200000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	129000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	BSB-1	BSB-01-8-10	4/2/2002	8	10	ft	232000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	119000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Calcium	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	95700	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Chromium	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	59	J	mg/Kg	0 - 0	NYSDEC-RSCO	6
Chromium	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	47.2	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Chromium	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	43.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Chromium	BSB-4	BSB-04-8-10	4/3/2002	8	10	ft	399		mg/Kg	0 - 0	NYSDEC-RSCO	40
Chromium	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	14.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	2210	J	mg/Kg	0 - 0	NYSDEC-RSCO	221

Exceedances of Screening Criteria
Building Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Units	Range of Detection	Minimum	Exceed Quotient
Chromium	BSB-5	BSB-05-8-10	4/3/2002	8	10	ft	115		mg/Kg	0 - 0	NYSDEC-RSCO	12
Chromium	BSB-3	BSB-03-8-10	4/3/2002	8	10	ft	39.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Chromium	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	45.4	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Chromium	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	43.1		mg/Kg	0 - 0	NYSDEC-RSCO	4
Chromium	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	231	J	mg/Kg	0 - 0	NYSDEC-RSCO	23
Copper	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	32.7		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	30		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	32.5		mg/Kg	0 - 0	NYSDEC-RSCO	1
Iron	BSB-1	BSB-01-8-10	4/2/2002	8	10	ft	4540	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Iron	BSB-4	BSB-04-8-10	4/3/2002	8	10	ft	9000		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	BSB-3	BSB-03-8-10	4/3/2002	8	10	ft	5380	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	23900	J	mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	13400		mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	23300	J	mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	8370	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	BSB-5	BSB-05-8-10	4/3/2002	8	10	ft	15100		mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	11300	J	mg/Kg	0 - 0	NYSDEC-RSCO	6
Iron	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	22400	J	mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	BSB-2	BSB-02-8-10	4/2/2002	8	10	ft	5830	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	21400	J	mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	13100	J	mg/Kg	0 - 0	NYSDEC-RSCO	7
Lead	BSB-4	BSB-04-8-10	4/3/2002	8	10	ft	24.8	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	141	J	mg/Kg	0 - 0	,BKGD-SUBSUR	7
Lead	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	32.9	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Lead	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	23.8	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	23	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Magnesium	BSB-3	BSB-03-8-10	4/3/2002	8	10	ft	8160	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Magnesium	BSB-1	BSB-01-8-10	4/2/2002	8	10	ft	8600	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Magnesium	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	29900	J	mg/Kg	0 - 0	,BKGD-SUBSUR	5
Magnesium	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	21600		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Manganese	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	956	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Manganese	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	909	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Mercury	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	0.23		mg/Kg	0.04 - 0.11	NYSDEC-RSCO	2
Mercury	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	0.13		mg/Kg	0.04 - 0.11	NYSDEC-RSCO	1
Nickel	BSB-5	BSB-05-8-10	4/3/2002	8	10	ft	17.8		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	18.4	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	30.7	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	18.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	25.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Potassium	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	1400		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Potassium	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	1520		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Potassium	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	1580		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Selenium	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	1.2	B	mg/Kg	0.92 - 2.1	NYSDEC-RSCO,BKGD-SUBSUR	1
Sodium	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	6640	J	mg/Kg	0 - 0	,BKGD-SUBSUR	30

Exceedances [illegible]eening Criteria
Building Boring S[illegible]face Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Units	Range of Detection	Minimum	Exceed Quotient
Sodium	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	245	B	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Sodium	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	1250		mg/Kg	0 - 0	,BKGD-SUBSUR	6
Sodium	BSB-4	BSB-04-8-10	4/3/2002	8	10	ft	2520		mg/Kg	0 - 0	,BKGD-SUBSUR	11
Sodium	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	492	B	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Sodium	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	286	B	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Zinc	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	61.1	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	BSB-4	BSB-04-2-4	4/2/2002	2	4	ft	96.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Zinc	BSB-4	BSB-04-8-10	4/3/2002	8	10	ft	42.4	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Zinc	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	40.1	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Zinc	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	219	J	mg/Kg	0 - 0	NYSDEC-RSCO	11
Zinc	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	62.3	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	BSB-3	BSB-03-0-2	4/3/2002	0	2	ft	59.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	BSB-1	BSB-01-0-2	4/2/2002	0	2	ft	68.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	BSB-3	BSB-03-8-10	4/3/2002	8	10	ft	21.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Zinc	BSB-5	BSB-05-0-2	4/3/2002	0	2	ft	73	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Zinc	BSB-5	BSB-05-8-10	4/3/2002	8	10	ft	61.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Cyanide	BSB-2	BSB-02-6-8	4/2/2002	6	8	ft	0.3	B	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Cyanide	BSB-2	BSB-02-0-2	4/2/2002	0	2	ft	1		mg/Kg	0 - 0	,BKGD-SUBSUR	5
Cyanide	BSB-4	BSB-04-0-2	4/2/2002	0	2	ft	0.35	BJ	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Cyanide	BSB-1	BSB-01-8-10	4/2/2002	8	10	ft	0.25	B	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Cyanide	BSB-5	BSB-05-0-2-DUP	4/3/2002	0	2	ft	0.34	B	mg/Kg	0 - 0	,BKGD-SUBSUR	2

Exceedances of Screening Criteria
Lagoon Boring Surface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Antimony	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	5.7	B	mg/Kg	1	-	1	,BKGD-SURF	8
Antimony	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	22.8		mg/Kg	1	-	1	,BKGD-SURF	33
Arsenic	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	8.2		mg/Kg	0	-	0	NYSDEC-RSCO	1
Barium	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	80		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	1
Beryllium	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	0.42	B	mg/Kg	0	-	0	NYSDEC-RSCO	3
Beryllium	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	0.41	B	mg/Kg	0	-	0	NYSDEC-RSCO	3
Beryllium	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	0.71	B	mg/Kg	0	-	0	NYSDEC-RSCO	4
Cadmium	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	0.5	B	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	6
Cadmium	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	2.9		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	32
Cadmium	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	1.1		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	12
Chromium	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	1670		mg/Kg	0	-	0	NYSDEC-RSCO	167
Chromium	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	2180		mg/Kg	0	-	0	NYSDEC-RSCO	218
Chromium	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	8550		mg/Kg	0	-	0	NYSDEC-RSCO	855
Copper	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	34.8		mg/Kg	0	-	0	NYSDEC-RSCO	1
Iron	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	17900		mg/Kg	0	-	0	NYSDEC-RSCO	9
Iron	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	19700		mg/Kg	0	-	0	NYSDEC-RSCO	10
Iron	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	27100		mg/Kg	0	-	0	NYSDEC-RSCO	14
Lead	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	47.7		mg/Kg	0	-	0	,BKGD-SURF	2
Lead	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	106		mg/Kg	0	-	0	,BKGD-SURF	5
Lead	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	33.5		mg/Kg	0	-	0	,BKGD-SURF	1
Mercury	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	0.11	B	mg/Kg	0.04	-	0.04	NYSDEC-RSCO	1
Nickel	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	19.8		mg/Kg	0	-	0	NYSDEC-RSCO	2
Nickel	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	18		mg/Kg	0	-	0	NYSDEC-RSCO	1
Nickel	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	33.8		mg/Kg	0	-	0	NYSDEC-RSCO	3
Selenium	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	2.2		mg/Kg	0.58	-	0.58	NYSDEC-RSCO,BKGD-SURF	2
Silver	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	0.6	B	mg/Kg	0.1	-	0.14	,BKGD-SURF	2
Sodium	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	600	BJ	mg/Kg	0	-	0	,BKGD-SURF	2
Thallium	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	2.4	B	mg/Kg	0.44	-	0.6	,BKGD-SURF	2
Zinc	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	57	J	mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	83.7		mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	84.3	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Cyanide	LSB-1	LSB-01-0-2	4/22/2002	0	2	ft	0.2	B	mg/Kg	0	-	0	,BKGD-SURF	1
Cyanide	LSB-2	LSB-02-0-2	4/11/2002	0	2	ft	0.26	B	mg/Kg	0	-	0	,BKGD-SURF	2
Cyanide	LSB-3	LSB-03-0-2	4/11/2002	0	2	ft	0.81		mg/Kg	0	-	0	,BKGD-SURF	5

Exceedances [redacted]ening Criteria
Lagoon Boring Su[redacted]ce Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Pentachlorophenol	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	8000	J	ug/Kg	890	-	1300	NYSDEC-RSCO	2
Antimony	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	27.6		mg/Kg	0.43	-	0.92	,BKGD-SUBSUR	45
Antimony	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	29.8		mg/Kg	0.43	-	0.92	,BKGD-SUBSUR	48
Arsenic	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	9		mg/Kg	0	-	0	NYSDEC-RSCO	1
Arsenic	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	9.1		mg/Kg	0	-	0	NYSDEC-RSCO	1
Beryllium	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	0.34	B	mg/Kg	0	-	0	NYSDEC-RSCO	2
Beryllium	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	0.34	B	mg/Kg	0	-	0	NYSDEC-RSCO	2
Beryllium	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	0.35	B	mg/Kg	0	-	0	NYSDEC-RSCO	2
Beryllium	LSB-1	LSB-01-10-12	4/22/2002	10	12	ft	0.17	B	mg/Kg	0	-	0	NYSDEC-RSCO	1
Beryllium	LSB-2	LSB-02-4-6	4/11/2002	4	6	ft	0.48	B	mg/Kg	0	-	0	NYSDEC-RSCO	3
Cadmium	LSB-2	LSB-02-4-6	4/11/2002	4	6	ft	0.51	B	mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	LSB-2	LSB-02-16-18	4/11/2002	16	18	ft	0.22	B	mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	2.8		mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	29
Cadmium	LSB-3	LSB-03-14-16	4/11/2002	14	16	ft	0.23	B	mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	LSB-3	LSB-03-12-14	4/11/2002	12	14	ft	0.2	B	mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	0.14	B	mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	1
Cadmium	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	2.8		mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	29
Cadmium	LSB-2	LSB-02-14-16	4/11/2002	14	16	ft	0.17	B	mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	LSB-1	LSB-01-18-20	4/22/2002	18	20	ft	0.11	B	mg/Kg	0.11	-	0.11	NYSDEC-RSCO,BKGD-SUBSUR	1
Calcium	LSB-2	LSB-02-14-16	4/11/2002	14	16	ft	297000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	4
Calcium	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	88800	J	mg/Kg	0	-	0	,BKGD-SUBSUR	1
Calcium	LSB-3	LSB-03-14-16	4/11/2002	14	16	ft	183000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	2
Calcium	LSB-1	LSB-01-18-20	4/22/2002	18	20	ft	182000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	2
Calcium	LSB-1	LSB-01-10-12	4/22/2002	10	12	ft	194000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	2
Calcium	LSB-3	LSB-03-12-14	4/11/2002	12	14	ft	206000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	3
Calcium	LSB-1	LSB-01-18-20-DU	4/22/2002	18	20	ft	190000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	2
Calcium	LSB-2	LSB-02-16-18	4/11/2002	16	18	ft	194000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	2
Chromium	LSB-2	LSB-02-4-6	4/11/2002	4	6	ft	230		mg/Kg	0	-	0	NYSDEC-RSCO	23
Chromium	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	10200		mg/Kg	0	-	0	NYSDEC-RSCO	1020
Chromium	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	69.6		mg/Kg	0	-	0	NYSDEC-RSCO	7
Chromium	LSB-3	LSB-03-14-16	4/11/2002	14	16	ft	74.3		mg/Kg	0	-	0	NYSDEC-RSCO	7
Chromium	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	11100		mg/Kg	0	-	0	NYSDEC-RSCO	1110
Copper	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	29.2		mg/Kg	0	-	0	NYSDEC-RSCO	1
Copper	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	29.2		mg/Kg	0	-	0	NYSDEC-RSCO	1
Iron	LSB-3	LSB-03-14-16	4/11/2002	14	16	ft	6020		mg/Kg	0	-	0	NYSDEC-RSCO	3
Iron	LSB-2	LSB-02-4-6	4/11/2002	4	6	ft	17000		mg/Kg	0	-	0	NYSDEC-RSCO	9
Iron	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	9530		mg/Kg	0	-	0	NYSDEC-RSCO	5
Iron	LSB-3	LSB-03-12-14	4/11/2002	12	14	ft	4800		mg/Kg	0	-	0	NYSDEC-RSCO	2
Iron	LSB-2	LSB-02-16-18	4/11/2002	16	18	ft	5190		mg/Kg	0	-	0	NYSDEC-RSCO	3
Iron	LSB-2	LSB-02-14-16	4/11/2002	14	16	ft	4640		mg/Kg	0	-	0	NYSDEC-RSCO	2
Iron	LSB-1	LSB-01-10-12	4/22/2002	10	12	ft	4900		mg/Kg	0	-	0	NYSDEC-RSCO	2
Iron	LSB-1	LSB-01-18-20	4/22/2002	18	20	ft	4800		mg/Kg	0	-	0	NYSDEC-RSCO	2
Iron	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	14200		mg/Kg	0	-	0	NYSDEC-RSCO	7
Iron	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	18300		mg/Kg	0	-	0	NYSDEC-RSCO	9
Iron	LSB-1	LSB-01-18-20-DU	4/22/2002	18	20	ft	4180		mg/Kg	0	-	0	NYSDEC-RSCO	2

Exceedances of Screening Criteria
Lagoon Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Lead	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	113		mg/Kg	0	-	0	,BKGD-SUBSUR	5
Lead	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	118		mg/Kg	0	-	0	,BKGD-SUBSUR	6
Magnesium	LSB-3	LSB-03-14-16	4/11/2002	14	16	ft	8340		mg/Kg	0	-	0	,BKGD-SUBSUR	1
Magnesium	LSB-2	LSB-02-14-16	4/11/2002	14	16	ft	9330		mg/Kg	0	-	0	,BKGD-SUBSUR	1
Nickel	LSB-2	LSB-02-4-6	4/11/2002	4	6	ft	15.6		mg/Kg	0	-	0	NYSDEC-RSCO	1
Nickel	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	14.6		mg/Kg	0	-	0	NYSDEC-RSCO	1
Selenium	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	1.8		mg/Kg	0.41	-	0.53	NYSDEC-RSCO,BKGD-SUBSUR	2
Selenium	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	1.9		mg/Kg	0.41	-	0.53	NYSDEC-RSCO,BKGD-SUBSUR	2
Sodium	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	288	B	mg/Kg	0	-	0	,BKGD-SUBSUR	1
Sodium	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	256	B	mg/Kg	0	-	0	,BKGD-SUBSUR	1
Sodium	LSB-1	LSB-01-18-20-DU	4/22/2002	18	20	ft	239	BJ	mg/Kg	0	-	0	,BKGD-SUBSUR	1
Sodium	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	267	BJ	mg/Kg	0	-	0	,BKGD-SUBSUR	1
Thallium	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	1.1	B	mg/Kg	0.43	-	0.8	,BKGD-SUBSUR	2
Thallium	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	1.1	B	mg/Kg	0.43	-	0.8	,BKGD-SUBSUR	2
Thallium	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	1	B	mg/Kg	0.43	-	0.8	,BKGD-SUBSUR	1
Zinc	LSB-2	LSB-02-4-6	4/11/2002	4	6	ft	42.6	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	LSB-1	LSB-01-2-4	4/22/2002	2	4	ft	37.6		mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	86.9	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	82.8	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Cyanide	LSB-3	LSB-03-4-6	4/11/2002	4	6	ft	1.2		mg/Kg	0.03	-	0.04	,BKGD-SUBSUR	6
Cyanide	LSB-3	LSB-03-4-6-DUP	4/11/2002	4	6	ft	1.1		mg/Kg	0.03	-	0.04	,BKGD-SUBSUR	6

Exceedances of [redacted]ing Criteria
Onsite Soil Boring S[redacted]e Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Benzo(a)anthracene	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	1200	J	ug/Kg	370 - 4000	NYSDEC-RSCO	1
Benzo(a)anthracene	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	6500	J	ug/Kg	370 - 4000	NYSDEC-RSCO	6
Benzo(a)anthracene	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	15000	J	ug/Kg	370 - 4000	NYSDEC-RSCO	13
Benzo(a)anthracene	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	3000	J	ug/Kg	370 - 4000	NYSDEC-RSCO	3
Benzo(a)anthracene	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	3600	J	ug/Kg	370 - 4000	NYSDEC-RSCO	3
Chrysene	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	6000	J	ug/Kg	380 - 4000	NYSDEC-RSCO	3
Chrysene	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	3700	J	ug/Kg	380 - 4000	NYSDEC-RSCO	2
Chrysene	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	14000	J	ug/Kg	380 - 4000	NYSDEC-RSCO	7
Chrysene	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	2900	J	ug/Kg	380 - 4000	NYSDEC-RSCO	1
Benzo(b)fluoranthene	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	13000	J	ug/Kg	380 - 4000	NYSDEC-RSCO	2
Benzo(k)fluoranthene	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	9300	J	ug/Kg	370 - 4000	NYSDEC-RSCO	2
Benzo(a)pyrene	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	14000	J	ug/Kg	370 - 4000	NYSDEC-RSCO	44
Benzo(a)pyrene	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	2700	J	ug/Kg	370 - 4000	NYSDEC-RSCO	8
Benzo(a)pyrene	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	560	J	ug/Kg	370 - 4000	NYSDEC-RSCO	2
Benzo(a)pyrene	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	1100	J	ug/Kg	370 - 4000	NYSDEC-RSCO	3
Benzo(a)pyrene	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	3300	J	ug/Kg	370 - 4000	NYSDEC-RSCO	10
Benzo(a)pyrene	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	5000	J	ug/Kg	370 - 4000	NYSDEC-RSCO	16
Dibenz(a,h)anthracene	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	79	J	ug/Kg	370 - 11000	NYSDEC-RSCO	1
Dibenz(a,h)anthracene	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	2300	J	ug/Kg	370 - 11000	NYSDEC-RSCO	32
Antimony	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	260	J	mg/Kg	0.45 - 1.2	,BKGD-SURF	377
Antimony	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	84.8	J	mg/Kg	0.45 - 1.2	,BKGD-SURF	123
Antimony	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	1.3	BJ	mg/Kg	0.45 - 1.2	,BKGD-SURF	2
Antimony	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	59.4		mg/Kg	0.45 - 1.2	,BKGD-SURF	86
Antimony	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	24.5		mg/Kg	0.45 - 1.2	,BKGD-SURF	36
Antimony	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	17.2	J	mg/Kg	0.45 - 1.2	,BKGD-SURF	25
Antimony	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	1.6	BJ	mg/Kg	0.45 - 1.2	,BKGD-SURF	2
Antimony	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	11.5	B	mg/Kg	0.45 - 1.2	,BKGD-SURF	17
Antimony	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	34.1		mg/Kg	0.45 - 1.2	,BKGD-SURF	49
Antimony	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	27.5		mg/Kg	0.45 - 1.2	,BKGD-SURF	40
Arsenic	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	16		mg/Kg	0 - 0	NYSDEC-RSCO	2
Arsenic	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	7.7		mg/Kg	0 - 0	NYSDEC-RSCO	1
Arsenic	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	19.5		mg/Kg	0 - 0	NYSDEC-RSCO	3
Arsenic	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	12.6	*	mg/Kg	0 - 0	NYSDEC-RSCO	2
Arsenic	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	9.4		mg/Kg	0 - 0	NYSDEC-RSCO	1
Arsenic	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	18.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Arsenic	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	41		mg/Kg	0 - 0	NYSDEC-RSCO	5
Arsenic	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	36.5		mg/Kg	0 - 0	NYSDEC-RSCO	5
Arsenic	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	10.2		mg/Kg	0 - 0	NYSDEC-RSCO	1
Barium	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	114		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	103		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	153		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Barium	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	84.6		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1

Exceedances of Screening Criteria
Onsite Soil Boring Surface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Barium	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	112		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	400		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	5
Barium	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	118		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	201		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Barium	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	92.7		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	138		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Barium	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	91.6		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	100		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	84.2		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	101		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Beryllium	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	0.45	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	0.6	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	4
Beryllium	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	0.45	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-49	RSB-49-0-2	10/24/2002	0	2	ft	0.22	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	1
Beryllium	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	0.42	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	0.29	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	2
Beryllium	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	0.53	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	0.65	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	4
Beryllium	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	0.74	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	5
Beryllium	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	0.56	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	4
Beryllium	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	0.45	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	0.84	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	5
Beryllium	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	0.4	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-14	RSB-14-0-2	4/5/2002	0	2	ft	0.42	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	0.26	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	2
Beryllium	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	0.49	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	0.58	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	4
Beryllium	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	0.54	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-5	RSB-05-0-2	4/10/2002	0	2	ft	0.54	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	0.21	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	1
Beryllium	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	0.51	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	3
Beryllium	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	0.38	B	mg/Kg	0.09 - 0.09	NYSDEC-RSCO	2
Cadmium	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	2		mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	22
Cadmium	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	1.1	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	12
Cadmium	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	0.53	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	6
Cadmium	RSB-14	RSB-14-0-2	4/5/2002	0	2	ft	0.57	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	6
Cadmium	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	0.74	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	8
Cadmium	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	3.8		mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	42
Cadmium	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	0.47	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	5
Cadmium	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	4.1		mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	46
Cadmium	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	2.1	BJ	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	23
Cadmium	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	0.42	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	5

Exceedances o ning Criteria
Onsite Soil Boring S e Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Cadmium	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	0.6	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	7
Cadmium	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	0.33	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	4
Cadmium	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	0.67	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	7
Cadmium	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	2.3		mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	26
Cadmium	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	0.66	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	7
Cadmium	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	0.33	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	4
Cadmium	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	0.56	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	6
Cadmium	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	3		mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	33
Cadmium	RSB-5	RSB-05-0-2	4/10/2002	0	2	ft	0.54	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	6
Cadmium	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	3.1		mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	34
Cadmium	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	0.32	B	mg/Kg	0.08 - 0.12	NYSDEC-RSCO,BKGD-SURF	4
Calcium	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	165000	J	mg/Kg	0 - 0	,BKGD-SURF	1
Calcium	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	163000	J	mg/Kg	0 - 0	,BKGD-SURF	1
Calcium	RSB-49	RSB-49-0-2	10/24/2002	0	2	ft	263000	*	mg/Kg	0 - 0	,BKGD-SURF	2
Chromium	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	30300		mg/Kg	0 - 0	NYSDEC-RSCO	3030
Chromium	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	18.7		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-14	RSB-14-0-2	4/5/2002	0	2	ft	17.8		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	11200		mg/Kg	0 - 0	NYSDEC-RSCO	1120
Chromium	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	8930		mg/Kg	0 - 0	NYSDEC-RSCO	893
Chromium	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	2750		mg/Kg	0 - 0	NYSDEC-RSCO	275
Chromium	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	13.6		mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	75800	J	mg/Kg	0 - 0	NYSDEC-RSCO	7580
Chromium	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	8800		mg/Kg	0 - 0	NYSDEC-RSCO	880
Chromium	RSB-5	RSB-05-0-2	4/10/2002	0	2	ft	29.7		mg/Kg	0 - 0	NYSDEC-RSCO	3
Chromium	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	23.1		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	173		mg/Kg	0 - 0	NYSDEC-RSCO	17
Chromium	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	183	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	18
Chromium	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	660		mg/Kg	0 - 0	NYSDEC-RSCO	66
Chromium	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	6110		mg/Kg	0 - 0	NYSDEC-RSCO	611
Chromium	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	65.1		mg/Kg	0 - 0	NYSDEC-RSCO	7
Chromium	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	21900		mg/Kg	0 - 0	NYSDEC-RSCO	2190
Chromium	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	482		mg/Kg	0 - 0	NYSDEC-RSCO	48
Chromium	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	492		mg/Kg	0 - 0	NYSDEC-RSCO	49
Cobalt	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	13.4		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Cobalt	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	13.4		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Cobalt	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	23.8		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Copper	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	96.3		mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	59.1		mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	107	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	29.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	31		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	71.2		mg/Kg	0 - 0	NYSDEC-RSCO	3

Exceedances of Screening Criteria
Onsite Soil Boring Surface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Copper	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	50.3		mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	27.8		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	34.8		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	34.5		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	41.9		mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	42.8		mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	35.9		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-5	RSB-05-0-2	4/10/2002	0	2	ft	27.4		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	59.9		mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	123		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-49	RSB-49-0-2	10/24/2002	0	2	ft	5370	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	21000		mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	5360	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-5	RSB-05-0-2	4/10/2002	0	2	ft	19900		mg/Kg	0 - 0	NYSDEC-RSCO	10
Iron	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	27500		mg/Kg	0 - 0	NYSDEC-RSCO	14
Iron	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	9830		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	19700		mg/Kg	0 - 0	NYSDEC-RSCO	10
Iron	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	13400	*	mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	7410		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	27900		mg/Kg	0 - 0	NYSDEC-RSCO	14
Iron	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	24800		mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	18700		mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	128000		mg/Kg	0 - 0	NYSDEC-RSCO	64
Iron	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	20100		mg/Kg	0 - 0	NYSDEC-RSCO	10
Iron	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	28500		mg/Kg	0 - 0	NYSDEC-RSCO	14
Iron	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	11800		mg/Kg	0 - 0	NYSDEC-RSCO	6
Iron	RSB-14	RSB-14-0-2	4/5/2002	0	2	ft	20400		mg/Kg	0 - 0	NYSDEC-RSCO	10
Iron	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	22300		mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	13000		mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	11300		mg/Kg	0 - 0	NYSDEC-RSCO	6
Iron	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	14700		mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	15200		mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	16000		mg/Kg	0 - 0	NYSDEC-RSCO	8
Lead	RSB-14	RSB-14-0-2	4/5/2002	0	2	ft	54.2		mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	155	J	mg/Kg	0 - 0	,BKGD-SURF	7
Lead	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	49.6		mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	300	J	mg/Kg	0 - 0	,BKGD-SURF	13
Lead	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	62.7	J	mg/Kg	0 - 0	,BKGD-SURF	3
Lead	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	79.8		mg/Kg	0 - 0	,BKGD-SURF	3
Lead	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	50.7		mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	161		mg/Kg	0 - 0	,BKGD-SURF	7
Lead	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	202	J	mg/Kg	0 - 0	,BKGD-SURF	9

Exceedances of [redacted]ing Criteria
Onsite Soil Boring S[redacted]e Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Lead	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	189		mg/Kg	0 - 0	,BKGD-SURF	8
Lead	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	319		mg/Kg	0 - 0	,BKGD-SURF	14
Lead	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	112		mg/Kg	0 - 0	,BKGD-SURF	5
Lead	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	56.4		mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	42.7		mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	29.7		mg/Kg	0 - 0	,BKGD-SURF	1
Lead	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	129		mg/Kg	0 - 0	,BKGD-SURF	5
Lead	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	34.4		mg/Kg	0 - 0	,BKGD-SURF	1
Lead	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	99.6		mg/Kg	0 - 0	,BKGD-SURF	4
Lead	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	125		mg/Kg	0 - 0	,BKGD-SURF	5
Lead	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	84.4	J	mg/Kg	0 - 0	,BKGD-SURF	4
Mercury	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	0.2		mg/Kg	0.04 - 0.05	NYSDEC-RSCO	2
Mercury	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	0.39	J	mg/Kg	0.04 - 0.05	NYSDEC-RSCO	4
Mercury	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	0.26		mg/Kg	0.04 - 0.05	NYSDEC-RSCO	3
Mercury	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	0.6		mg/Kg	0.04 - 0.05	NYSDEC-RSCO	6
Mercury	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	0.46		mg/Kg	0.04 - 0.05	NYSDEC-RSCO	5
Mercury	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	0.12	J	mg/Kg	0.04 - 0.05	NYSDEC-RSCO	1
Mercury	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	0.24	J	mg/Kg	0.04 - 0.05	NYSDEC-RSCO	2
Mercury	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	0.43	J	mg/Kg	0.04 - 0.05	NYSDEC-RSCO	4
Mercury	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	0.18		mg/Kg	0.04 - 0.05	NYSDEC-RSCO	2
Mercury	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	0.23		mg/Kg	0.04 - 0.05	NYSDEC-RSCO	2
Mercury	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	0.8		mg/Kg	0.04 - 0.05	NYSDEC-RSCO	8
Mercury	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	0.41	J	mg/Kg	0.04 - 0.05	NYSDEC-RSCO	4
Mercury	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	0.24	J	mg/Kg	0.04 - 0.05	NYSDEC-RSCO	2
Mercury	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	0.16	J	mg/Kg	0.04 - 0.05	NYSDEC-RSCO	2
Nickel	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	13.1		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-5	RSB-05-0-2	4/10/2002	0	2	ft	25.7		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	13.9	B	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	22.6		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	13.7		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	18.6		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	23		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	20.4		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	43.1		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	25.6		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	16.5		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	15.2		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	14.5		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-14	RSB-14-0-2	4/5/2002	0	2	ft	21.4		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	13.5		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	40		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	32.8		mg/Kg	0 - 0	NYSDEC-RSCO	3

Exceedances of Screening Criteria
Onsite Soil Boring Surface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Selenium	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	1.1	B	mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	4.9		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	5
Selenium	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	2.2		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	2
Selenium	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	5.4		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	6
Selenium	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	3.3		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	3
Selenium	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	3.5		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	4
Selenium	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	1	B	mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	1.4		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	3.4		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	3
Selenium	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	1.4		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	8.1		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	8
Selenium	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	1.9		mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	2
Selenium	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	1.4	B	mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	4.4	J	mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	4
Selenium	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	1	B	mg/Kg	0.43 - 1	NYSDEC-RSCO,BKGD-SURF	1
Silver	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	0.36	B	mg/Kg	0.1 - 0.33	,BKGD-SURF	1
Sodium	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	351	B	mg/Kg	96.9 - 143	,BKGD-SURF	1
Sodium	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	385	B	mg/Kg	96.9 - 143	,BKGD-SURF	1
Sodium	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	336	B	mg/Kg	96.9 - 143	,BKGD-SURF	1
Sodium	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	519	B	mg/Kg	96.9 - 143	,BKGD-SURF	2
Sodium	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	718	BJ	mg/Kg	96.9 - 143	,BKGD-SURF	2
Sodium	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	412	B	mg/Kg	96.9 - 143	,BKGD-SURF	1
Sodium	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	456	B	mg/Kg	96.9 - 143	,BKGD-SURF	2
Sodium	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	542	BJ	mg/Kg	96.9 - 143	,BKGD-SURF	2
Thallium	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	5.6		mg/Kg	0.45 - 1.7	,BKGD-SURF	5
Thallium	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	3.6		mg/Kg	0.45 - 1.7	,BKGD-SURF	3
Thallium	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	17.2	J	mg/Kg	0.45 - 1.7	,BKGD-SURF	16
Thallium	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	1.2	B	mg/Kg	0.45 - 1.7	,BKGD-SURF	1
Vanadium	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	57.1	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Zinc	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	121	J	mg/Kg	0 - 0	NYSDEC-RSCO	6
Zinc	RSB-26	RSB-26-0-2	4/10/2002	0	2	ft	63	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-5	RSB-05-0-2	4/10/2002	0	2	ft	61.4	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-15	RSB-15-0-2	4/8/2002	0	2	ft	28.2		mg/Kg	0 - 0	NYSDEC-RSCO	1
Zinc	RSB-10	RSB-10-0-2	4/9/2002	0	2	ft	100		mg/Kg	0 - 0	NYSDEC-RSCO	5
Zinc	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	218	J	mg/Kg	0 - 0	NYSDEC-RSCO	11
Zinc	RSB-49	RSB-49-0-2	10/24/2002	0	2	ft	31.4		mg/Kg	0 - 0	NYSDEC-RSCO	2
Zinc	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	223	J	mg/Kg	0 - 0	NYSDEC-RSCO	11
Zinc	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	46.7	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Zinc	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	59.5	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	66.9	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	89	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Zinc	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	119	J	mg/Kg	0 - 0	NYSDEC-RSCO	6

Exceedances of [illegible]ing Criteria
Onsite Soil Boring S[illegible] Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Zinc	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	248		mg/Kg	0 - 0	NYSDEC-RSCO	12
Zinc	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	132	J	mg/Kg	0 - 0	NYSDEC-RSCO	7
Zinc	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	80.2		mg/Kg	0 - 0	NYSDEC-RSCO	4
Zinc	*RSB-11*	*RSB-11-0-2*	*4/9/2002*	*0*	*2*	*ft*	*111*	*J*	*mg/Kg*	*0 - 0*	*NYSDEC-RSCO*	*6*
Zinc	RSB-26	RSB-26-0-2-DUP	4/10/2002	0	2	ft	51.7	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-14	RSB-14-0-2	4/5/2002	0	2	ft	103		mg/Kg	0 - 0	NYSDEC-RSCO	5
Zinc	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	118		mg/Kg	0 - 0	NYSDEC-RSCO	6
Zinc	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	90.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Zinc	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	114	J	mg/Kg	0 - 0	NYSDEC-RSCO	6
Zinc	RSB-9	RSB-09-0-2	4/10/2002	0	2	ft	74.3	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Cyanide	RSB-49	RSB-49-0-2	10/24/2002	0	2	ft	0.35	B	mg/Kg	0 - 0	,BKGD-SURF	2
Cyanide	RSB-12	RSB-12-0-2	4/5/2002	0	2	ft	0.32	B	mg/Kg	0 - 0	,BKGD-SURF	2
Cyanide	RSB-3	RSB-03-0-2	4/5/2002	0	2	ft	0.62		mg/Kg	0 - 0	,BKGD-SURF	4
Cyanide	RSB-8	RSB-08-0-2	4/12/2002	0	2	ft	0.98	BJ	mg/Kg	0 - 0	,BKGD-SURF	7
Cyanide	RSB-7	RSB-07-0-2	4/12/2002	0	2	ft	0.47	B	mg/Kg	0 - 0	,BKGD-SURF	3
Cyanide	RSB-6	RSB-06-0-2	4/10/2002	0	2	ft	0.25	B	mg/Kg	0 - 0	,BKGD-SURF	2
Cyanide	RSB-2	RSB-02-0-2	4/8/2002	0	2	ft	0.99		mg/Kg	0 - 0	,BKGD-SURF	7
Cyanide	RSB-13	RSB-13-0-2	4/4/2002	0	2	ft	0.19	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-48	RSB-48-0-2	10/24/2002	0	2	ft	0.17	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-4	RSB-04-0-2	4/9/2002	0	2	ft	0.85		mg/Kg	0 - 0	,BKGD-SURF	6
Cyanide	RSB-1	RSB-01-0-2	4/8/2002	0	2	ft	3.1		mg/Kg	0 - 0	,BKGD-SURF	21
Cyanide	RSB-19	RSB-19-0-2	4/4/2002	0	2	ft	0.35	B	mg/Kg	0 - 0	,BKGD-SURF	2
Cyanide	RSB-18	RSB-18-0-2	4/22/2002	0	2	ft	1		mg/Kg	0 - 0	,BKGD-SURF	7
Cyanide	RSB-17	RSB-17-0-2	4/9/2002	0	2	ft	1.3		mg/Kg	0 - 0	,BKGD-SURF	9
Cyanide	RSB-16	RSB-16-0-2	4/9/2002	0	2	ft	1.3		mg/Kg	0 - 0	,BKGD-SURF	9
Cyanide	RSB-11	RSB-11-0-2	4/9/2002	0	2	ft	0.2	B	mg/Kg	0 - 0	,BKGD-SURF	1

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Benzo(a)anthracene	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	5800	J	ug/Kg	350	-	4200	NYSDEC-RSCO	5
Benzo(a)anthracene	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	1500	J	ug/Kg	350	-	4200	NYSDEC-RSCO	1
Benzo(a)anthracene	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	3800	J	ug/Kg	350	-	4200	NYSDEC-RSCO	3
Benzo(a)anthracene	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	2300	J	ug/Kg	350	-	4200	NYSDEC-RSCO	2
Benzo(a)anthracene	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	4700	J	ug/Kg	350	-	4200	NYSDEC-RSCO	4
Benzo(a)anthracene	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	1500	J	ug/Kg	350	-	4200	NYSDEC-RSCO	1
Benzo(a)anthracene	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	1300	J	ug/Kg	350	-	4200	NYSDEC-RSCO	1
Benzo(a)anthracene	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	8200		ug/Kg	350	-	4200	NYSDEC-RSCO	7
Chrysene	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	2500	J	ug/Kg	350	-	1800	NYSDEC-RSCO	1
Chrysene	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	8400		ug/Kg	350	-	1800	NYSDEC-RSCO	4
Chrysene	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	4200	J	ug/Kg	350	-	1800	NYSDEC-RSCO	2
Chrysene	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	5000		ug/Kg	350	-	1800	NYSDEC-RSCO	2
Chrysene	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	6100	J	ug/Kg	350	-	1800	NYSDEC-RSCO	3
Chrysene	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	2400	J	ug/Kg	350	-	1800	NYSDEC-RSCO	1
Benzo(b)fluoranthene	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	7900		ug/Kg	350	-	4200	NYSDEC-RSCO	1
Benzo(k)fluoranthene	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	6300		ug/Kg	350	-	4200	NYSDEC-RSCO	1
Benzo(a)pyrene	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	1200	J	ug/Kg	350	-	4200	NYSDEC-RSCO	4
Benzo(a)pyrene	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	5200	J	ug/Kg	350	-	4200	NYSDEC-RSCO	16
Benzo(a)pyrene	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	620	J	ug/Kg	350	-	4200	NYSDEC-RSCO	2
Benzo(a)pyrene	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	370	J	ug/Kg	350	-	4200	NYSDEC-RSCO	1
Benzo(a)pyrene	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	4500	J	ug/Kg	350	-	4200	NYSDEC-RSCO	14
Benzo(a)pyrene	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	3400	J	ug/Kg	350	-	4200	NYSDEC-RSCO	11
Benzo(a)pyrene	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	2100	J	ug/Kg	350	-	4200	NYSDEC-RSCO	7
Benzo(a)pyrene	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	450	J	ug/Kg	350	-	4200	NYSDEC-RSCO	1
Benzo(a)pyrene	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	4900	J	ug/Kg	350	-	4200	NYSDEC-RSCO	15
Benzo(a)pyrene	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	1300	J	ug/Kg	350	-	4200	NYSDEC-RSCO	4
Benzo(a)pyrene	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	8000		ug/Kg	350	-	4200	NYSDEC-RSCO	25
Dibenz(a,h)anthracene	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	1100	J	ug/Kg	350	-	4300	NYSDEC-RSCO	15
Dibenz(a,h)anthracene	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	91	J	ug/Kg	350	-	4300	NYSDEC-RSCO	1
Dibenz(a,h)anthracene	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	1400	J	ug/Kg	350	-	4300	NYSDEC-RSCO	19
Dibenz(a,h)anthracene	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	1100	J	ug/Kg	350	-	4300	NYSDEC-RSCO	15
Dibenz(a,h)anthracene	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	990	J	ug/Kg	350	-	4300	NYSDEC-RSCO	14
Dibenz(a,h)anthracene	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	200	J	ug/Kg	350	-	4300	NYSDEC-RSCO	3
Dibenz(a,h)anthracene	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	610	J	ug/Kg	350	-	4300	NYSDEC-RSCO	8
Antimony	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	225	J	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	363
Antimony	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	45.4	J	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	73
Antimony	RSB-8	RSB-08-2-4	4/12/2002	2	4	ft	0.95	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	2
Antimony	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	1.6	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	3
Antimony	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	0.7	B	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	1
Antimony	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	3.3	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	5
Antimony	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	1.9	B	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	3
Antimony	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	11	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	18

Exceedances [redacted]ening Criteria
Onsite Soil Boring S[redacted]rface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Antimony	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	192	J	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	310
Antimony	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	7.6	B	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	12
Antimony	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	3.3	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	5
Antimony	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	8.6	B	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	14
Antimony	RSB-17	RSB-17-6-8	4/9/2002	6	8	ft	5.5	B	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	9
Antimony	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	86.3	J	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	139
Antimony	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	20.4		mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	33
Antimony	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	10.7	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	17
Antimony	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	7.9	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	13
Antimony	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	18.2		mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	29
Antimony	RSB-7	RSB-07-8-10	4/12/2002	8	10	ft	0.66	BJ	mg/Kg	0.45	-	1.1	,BKGD-SUBSUR	1
Arsenic	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	28.1		mg/Kg	0	-	0	NYSDEC-RSCO	4
Arsenic	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	12.5	*J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Arsenic	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	32		mg/Kg	0	-	0	NYSDEC-RSCO	4
Arsenic	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	19.7		mg/Kg	0	-	0	NYSDEC-RSCO	3
Arsenic	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	25		mg/Kg	0	-	0	NYSDEC-RSCO	3
Arsenic	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	8		mg/Kg	0	-	0	NYSDEC-RSCO	1
Arsenic	RSB-15	RSB-15-4-6	4/8/2002	4	6	ft	45		MG/KG	0	-	0	NYSDEC-RSCO	6
Arsenic	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	15.9		mg/Kg	0	-	0	NYSDEC-RSCO	2
Arsenic	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	32.5	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Arsenic	RSB-7	RSB-07-8-10	4/12/2002	8	10	ft	8		mg/Kg	0	-	0	NYSDEC-RSCO	1
Arsenic	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	15.9		mg/Kg	0	-	0	NYSDEC-RSCO	2
Arsenic	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	11.2	*	mg/Kg	0	-	0	NYSDEC-RSCO	1
Arsenic	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	9.7		mg/Kg	0	-	0	NYSDEC-RSCO	1
Barium	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	247		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	115		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	1
Barium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	161	J	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	219		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	174	J	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	105	J	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	1
Barium	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	243	J	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	667		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	7
Barium	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	158		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	168		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SUBSUR	2
Beryllium	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	0.18	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	0.5	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	1.5		mg/Kg	0.09	-	0.09	NYSDEC-RSCO	9
Beryllium	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	1.1	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	7
Beryllium	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	0.2	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	0.67	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	4
Beryllium	RSB-49	RSB-49-8-10-Dup	10/24/2002	8	10	ft	0.21	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	0.21	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Beryllium	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	0.58	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	4
Beryllium	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	0.45	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	0.32	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	2
Beryllium	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	0.86	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	5
Beryllium	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	0.27	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	2
Beryllium	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	0.46	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	0.53	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-8	RSB-08-8-10-DUP	4/12/2002	8	10	ft	0.18	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	0.41	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	0.45	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-18	RSB-18-2-4	4/22/2002	2	4	ft	0.24	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	2
Beryllium	RSB-6	RSB-06-2-4	4/10/2002	2	4	ft	0.54	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	0.2	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-6	RSB-06-8-10	4/10/2002	8	10	ft	0.18	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-18	RSB-18-8-10	4/22/2002	8	10	ft	0.19	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-3	RSB-03-8-10	4/5/2002	8	10	ft	0.17	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	0.63	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	4
Beryllium	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	0.69	BJ	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	4
Beryllium	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	0.43	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-14	RSB-14-2-4	4/5/2002	2	4	ft	0.58	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	4
Beryllium	RSB-13	RSB-13-2-4	4/4/2002	2	4	ft	0.67	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	4
Beryllium	RSB-49	RSB-49-8-10	10/24/2002	8	10	ft	0.23	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Beryllium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	0.41	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	0.4	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	0.32	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	2
Beryllium	RSB-19	RSB-19-2-4	4/4/2002	2	4	ft	0.52	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	0.45	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	0.58	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	4
Beryllium	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	0.49	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	0.5	BJ	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	0.36	BJ	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	2
Beryllium	RSB-11	RSB-11-8-10	4/9/2002	8	10	ft	0.45	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	0.46	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	3
Beryllium	RSB-48	RSB-48-8-10	10/24/2002	8	10	ft	0.18	B	mg/Kg	0.09	-	0.09	NYSDEC-RSCO	1
Cadmium	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	0.58	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	0.52	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	RSB-7	RSB-07-10-12	4/12/2002	10	12	ft	0.41	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	4
Cadmium	RSB-11	RSB-11-8-10	4/9/2002	8	10	ft	0.54	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-8	RSB-08-2-4	4/12/2002	2	4	ft	0.25	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	2.2	J	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	23
Cadmium	RSB-8	RSB-08-8-10-DUP	4/12/2002	8	10	ft	0.32	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	0.66	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	7

Exceedances [illegible]ening Criteria
Onsite Soil Boring S[illegible]rface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Cadmium	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	0.38	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	4
Cadmium	RSB-7	RSB-07-8-10	4/12/2002	8	10	ft	0.32	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	0.57	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-15	RSB-15-8-10	4/8/2002	8	10	ft	0.17	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	0.48	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	RSB-13	RSB-13-2-4	4/4/2002	2	4	ft	0.51	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	RSB-14	RSB-14-2-4	4/5/2002	2	4	ft	0.66	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	7
Cadmium	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	1.2	BJ	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	13
Cadmium	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	1.1	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	12
Cadmium	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	0.61	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	0.59	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	1	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	11
Cadmium	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	0.98	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	10
Cadmium	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	1.2	BJ	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	13
Cadmium	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	0.2	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-6	RSB-06-8-10	4/10/2002	8	10	ft	0.25	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	0.95	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	10
Cadmium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	1.7	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	18
Cadmium	RSB-6	RSB-06-2-4	4/10/2002	2	4	ft	0.44	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	0.57	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	0.4	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	4
Cadmium	RSB-3	RSB-03-8-10	4/5/2002	8	10	ft	0.28	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	0.85	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	9
Cadmium	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	11.8	J	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	124
Cadmium	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	6.2	J	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	65
Cadmium	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	0.56	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	1.1	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	12
Cadmium	RSB-5	RSB-05-2-4	4/12/2002	2	4	ft	0.23	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	0.51	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	3.5	J	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	37
Cadmium	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	0.6	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-19	RSB-19-8-10	4/4/2002	8	10	ft	0.16	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	0.43	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	0.55	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	0.6	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	6
Cadmium	RSB-19	RSB-19-2-4	4/4/2002	2	4	ft	0.45	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	5
Cadmium	RSB-18	RSB-18-8-10	4/22/2002	8	10	ft	0.15	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-5	RSB-05-8-10	4/12/2002	8	10	ft	0.24	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-17	RSB-17-6-8	4/9/2002	6	8	ft	0.33	B	mg/Kg	0.09	-	0.13	NYSDEC-RSCO,BKGD-SUBSUR	3
Calcium	RSB-7	RSB-07-8-10	4/12/2002	8	10	ft	209000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	3
Calcium	RSB-7	RSB-07-10-12	4/12/2002	10	12	ft	190000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	2
Calcium	RSB-8	RSB-08-8-10-DUP	4/12/2002	8	10	ft	176000	J	mg/Kg	0	-	0	,BKGD-SUBSUR	2

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Calcium	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	114000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Calcium	RSB-3	RSB-03-8-10	4/5/2002	8	10	ft	210000		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	126000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-18	RSB-18-2-4	4/22/2002	2	4	ft	111000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Calcium	RSB-49	RSB-49-8-10-Dup	10/24/2002	8	10	ft	240000		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	123000		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-8	RSB-08-2-4	4/12/2002	2	4	ft	192000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	148000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	170000		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-6	RSB-06-8-10	4/10/2002	8	10	ft	249000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-19	RSB-19-8-10	4/4/2002	8	10	ft	229000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	242000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-18	RSB-18-8-10	4/22/2002	8	10	ft	156000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	122000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	121000	*	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Calcium	RSB-49	RSB-49-8-10	10/24/2002	8	10	ft	253000	*	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	218000		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	207000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-48	RSB-48-8-10	10/24/2002	8	10	ft	124000	*	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-5	RSB-05-2-4	4/12/2002	2	4	ft	236000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-17	RSB-17-6-8	4/9/2002	6	8	ft	186000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	92900		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Calcium	RSB-15	RSB-15-8-10	4/8/2002	8	10	ft	216000		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	180000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	175000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-5	RSB-05-8-10	4/12/2002	8	10	ft	195000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Chromium	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	15.9	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	1020		mg/Kg	0 - 0	NYSDEC-RSCO	102
Chromium	RSB-7	RSB-07-8-10	4/12/2002	8	10	ft	219		mg/Kg	0 - 0	NYSDEC-RSCO	22
Chromium	RSB-6	RSB-06-8-10	4/10/2002	8	10	ft	156		mg/Kg	0 - 0	NYSDEC-RSCO	16
Chromium	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	1350		mg/Kg	0 - 0	NYSDEC-RSCO	135
Chromium	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	12.4		mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-7	RSB-07-10-12	4/12/2002	10	12	ft	18.3		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-15	RSB-15-4-6	4/8/2002	4	6	ft	693		mg/Kg	0 - 0	NYSDEC-RSCO	69
Chromium	RSB-8	RSB-08-2-4	4/12/2002	2	4	ft	209		mg/Kg	0 - 0	NYSDEC-RSCO	21
Chromium	RSB-6	RSB-06-2-4	4/10/2002	2	4	ft	26.2		mg/Kg	0 - 0	NYSDEC-RSCO	3
Chromium	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	160		mg/Kg	0 - 0	NYSDEC-RSCO	16
Chromium	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	16900		mg/Kg	0 - 0	NYSDEC-RSCO	1690
Chromium	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	59.3		mg/Kg	0 - 0	NYSDEC-RSCO	6
Chromium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	65900		mg/Kg	0 - 0	NYSDEC-RSCO	6590
Chromium	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	3020		mg/Kg	0 - 0	NYSDEC-RSCO	302
Chromium	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	12.8		mg/Kg	0 - 0	NYSDEC-RSCO	1

Exceedances [illegible]ening Criteria
Onsite Soil Boring S[illegible]face Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Chromium	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	130	J	mg/Kg	0 - 0	NYSDEC-RSCO	13
Chromium	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	35.4		mg/Kg	0 - 0	NYSDEC-RSCO	4
Chromium	RSB-19	RSB-19-2-4	4/4/2002	2	4	ft	18		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	74600	J	mg/Kg	0 - 0	NYSDEC-RSCO	7460
Chromium	RSB-8	RSB-08-8-10-DUP	4/12/2002	8	10	ft	132		mg/Kg	0 - 0	NYSDEC-RSCO	13
Chromium	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	68.1		mg/Kg	0 - 0	NYSDEC-RSCO	7
Chromium	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	25.2		mg/Kg	0 - 0	NYSDEC-RSCO	3
Chromium	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	45.9		mg/Kg	0 - 0	NYSDEC-RSCO	5
Chromium	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	3250		mg/Kg	0 - 0	NYSDEC-RSCO	325
Chromium	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	4100		mg/Kg	0 - 0	NYSDEC-RSCO	410
Chromium	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	565		mg/Kg	0 - 0	NYSDEC-RSCO	57
Chromium	RSB-3	RSB-03-8-10	4/5/2002	8	10	ft	36.2		mg/Kg	0 - 0	NYSDEC-RSCO	4
Chromium	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	17.1		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	30.7		mg/Kg	0 - 0	NYSDEC-RSCO	3
Chromium	RSB-13	RSB-13-2-4	4/4/2002	2	4	ft	19.5		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-14	RSB-14-2-4	4/5/2002	2	4	ft	19.6		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	13.4	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	15.2		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-17	RSB-17-6-8	4/9/2002	6	8	ft	1930		mg/Kg	0 - 0	NYSDEC-RSCO	193
Chromium	RSB-18	RSB-18-2-4	4/22/2002	2	4	ft	27.1		mg/Kg	0 - 0	NYSDEC-RSCO	3
Chromium	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	2760		mg/Kg	0 - 0	NYSDEC-RSCO	276
Chromium	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	125	J	mg/Kg	0 - 0	NYSDEC-RSCO	13
Chromium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	2240		mg/Kg	0 - 0	NYSDEC-RSCO	224
Chromium	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	230		mg/Kg	0 - 0	NYSDEC-RSCO	23
Chromium	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	29800	J	mg/Kg	0 - 0	NYSDEC-RSCO	2980
Chromium	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	720		mg/Kg	0 - 0	NYSDEC-RSCO	72
Chromium	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	5910		mg/Kg	0 - 0	NYSDEC-RSCO	591
Chromium	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	6920		mg/Kg	0 - 0	NYSDEC-RSCO	692
Chromium	RSB-11	RSB-11-8-10	4/9/2002	8	10	ft	17.9		mg/Kg	0 - 0	NYSDEC-RSCO	2
Cobalt	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	49.5		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	4
Cobalt	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	25.3		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	2
Cobalt	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	25.6	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	2
Cobalt	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	22.2		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	2
Cobalt	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	16.4		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	1
Copper	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	426		mg/Kg	0 - 0	NYSDEC-RSCO	17
Copper	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	412		mg/Kg	0 - 0	NYSDEC-RSCO	16
Copper	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	105		mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	123	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Copper	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	33.6		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	89		mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	92.4	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	106		mg/Kg	0 - 0	NYSDEC-RSCO	4

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Copper	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	32.2		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	145		mg/Kg	0 - 0	NYSDEC-RSCO	6
Copper	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	25.4		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	25.8		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-49	RSB-49-8-10-Dup	10/24/2002	8	10	ft	44.7	*J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	27.9		mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	71.3	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Copper	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	33.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Copper	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	62.3		mg/Kg	0 - 0	NYSDEC-RSCO	2
Iron	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	18500		mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	23600		mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	RSB-49	RSB-49-8-10	10/24/2002	8	10	ft	5330	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-19	RSB-19-2-4	4/4/2002	2	4	ft	19700		mg/Kg	0 - 0	NYSDEC-RSCO	10
Iron	RSB-13	RSB-13-2-4	4/4/2002	2	4	ft	28300		mg/Kg	0 - 0	NYSDEC-RSCO	14
Iron	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	26000		mg/Kg	0 - 0	NYSDEC-RSCO	13
Iron	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	19100		mg/Kg	0 - 0	NYSDEC-RSCO	10
Iron	RSB-8	RSB-08-2-4	4/12/2002	2	4	ft	4080		mg/Kg	0 - 0	NYSDEC-RSCO	2
Iron	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	16900		mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-49	RSB-49-8-10-Dup	10/24/2002	8	10	ft	6070	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-19	RSB-19-8-10	4/4/2002	8	10	ft	5010		mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	11300		mg/Kg	0 - 0	NYSDEC-RSCO	6
Iron	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	14500	*	mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-48	RSB-48-8-10	10/24/2002	8	10	ft	4590	*	mg/Kg	0 - 0	NYSDEC-RSCO	2
Iron	RSB-6	RSB-06-8-10	4/10/2002	8	10	ft	8000		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	5670		mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	17400		mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSB-6	RSB-06-2-4	4/10/2002	2	4	ft	23200		mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	RSB-5	RSB-05-2-4	4/12/2002	2	4	ft	6650		mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	9680		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	30400		mg/Kg	0 - 0	NYSDEC-RSCO	15
Iron	RSB-14	RSB-14-2-4	4/5/2002	2	4	ft	28500		mg/Kg	0 - 0	NYSDEC-RSCO	14
Iron	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	21300		mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	9570		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	16200		mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	54300	J	mg/Kg	0 - 0	NYSDEC-RSCO	27
Iron	RSB-3	RSB-03-8-10	4/5/2002	8	10	ft	6870		mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-7	RSB-07-10-12	4/12/2002	10	12	ft	8160		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-5	RSB-05-8-10	4/12/2002	8	10	ft	5880		mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	10700		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	15100	*	mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-17	RSB-17-6-8	4/9/2002	6	8	ft	8260		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	15600	J	mg/Kg	0 - 0	NYSDEC-RSCO	8

Exceedances of Cleaning Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Iron	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	15200	J	mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	189000	J	mg/Kg	0 - 0	NYSDEC-RSCO	95
Iron	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	21800		mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	8770	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	23600		mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	14800		mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	18900		mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSB-18	RSB-18-2-4	4/22/2002	2	4	ft	10400		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-11	RSB-11-8-10	4/9/2002	8	10	ft	17300		mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSB-7	RSB-07-8-10	4/12/2002	8	10	ft	8460		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	8560		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	19400		mg/Kg	0 - 0	NYSDEC-RSCO	10
Iron	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	31400		mg/Kg	0 - 0	NYSDEC-RSCO	16
Iron	RSB-18	RSB-18-8-10	4/22/2002	8	10	ft	7950		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-8	RSB-08-8-10-DUP	4/12/2002	8	10	ft	10900		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	22200		mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	32800	J	mg/Kg	0 - 0	NYSDEC-RSCO	16
Iron	RSB-15	RSB-15-8-10	4/8/2002	8	10	ft	5160		mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	14100		mg/Kg	0 - 0	NYSDEC-RSCO	7
Lead	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	29.6		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	45.7	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Lead	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	45		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Lead	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	28.9	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	86.9		mg/Kg	0 - 0	,BKGD-SUBSUR	4
Lead	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	56		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Lead	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	24.6	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	30.8		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	165		mg/Kg	0 - 0	,BKGD-SUBSUR	8
Lead	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	417		mg/Kg	0 - 0	,BKGD-SUBSUR	20
Lead	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	210	J	mg/Kg	0 - 0	,BKGD-SUBSUR	10
Lead	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	31.8		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	201	J	mg/Kg	0 - 0	,BKGD-SUBSUR	9
Lead	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	325		mg/Kg	0 - 0	,BKGD-SUBSUR	15
Lead	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	336	J	mg/Kg	0 - 0	,BKGD-SUBSUR	16
Lead	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	849		mg/Kg	0 - 0	,BKGD-SUBSUR	40
Lead	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	203		mg/Kg	0 - 0	,BKGD-SUBSUR	10
Lead	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	70.1		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Lead	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	26.6		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	25.8		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	184		mg/Kg	0 - 0	,BKGD-SUBSUR	9
Lead	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	87.6		mg/Kg	0 - 0	,BKGD-SUBSUR	4
Lead	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	54.5		mg/Kg	0 - 0	,BKGD-SUBSUR	3

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Magnesium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	7360		mg/Kg	0	-	0	,BKGD-SUBSUR	1
Magnesium	RSB-5	RSB-05-2-4	4/12/2002	2	4	ft	7350		mg/Kg	0	-	0	,BKGD-SUBSUR	1
Magnesium	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	9270		mg/Kg	0	-	0	,BKGD-SUBSUR	1
Magnesium	RSB-5	RSB-05-8-10	4/12/2002	8	10	ft	6770		mg/Kg	0	-	0	,BKGD-SUBSUR	1
Magnesium	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	7350		mg/Kg	0	-	0	,BKGD-SUBSUR	1
Magnesium	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	9320	J	mg/Kg	0	-	0	,BKGD-SUBSUR	1
Magnesium	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	20700		mg/Kg	0	-	0	,BKGD-SUBSUR	3
Manganese	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	1090		mg/Kg	0	-	0	,BKGD-SUBSUR	2
Mercury	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	0.32		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	3
Mercury	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	0.3	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	3
Mercury	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	0.46	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	5
Mercury	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	0.27	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	3
Mercury	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	0.15	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	2
Mercury	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	0.46	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	5
Mercury	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	0.39		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	4
Mercury	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	0.14	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	1
Mercury	RSB-17	RSB-17-6-8	4/9/2002	6	8	ft	0.11	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	1
Mercury	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	0.24		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	2
Mercury	RSB-13	RSB-13-2-4	4/4/2002	2	4	ft	0.11		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	1
Mercury	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	0.38		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	4
Mercury	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	0.23	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	2
Mercury	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	0.14	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	1
Mercury	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	0.18	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	2
Mercury	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	0.11	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	1
Mercury	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	0.23		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	2
Mercury	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	0.73	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	7
Mercury	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	0.12	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	1
Mercury	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	0.27	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	3
Mercury	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	0.86		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	9
Mercury	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	0.3		mg/Kg	0.04	-	0.07	NYSDEC-RSCO	3
Mercury	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	0.13	J	mg/Kg	0.04	-	0.07	NYSDEC-RSCO	1
Nickel	RSB-13	RSB-13-2-4	4/4/2002	2	4	ft	35.1		mg/Kg	0	-	0	NYSDEC-RSCO	3
Nickel	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	17.8	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Nickel	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	20.8		mg/Kg	0	-	0	NYSDEC-RSCO	2
Nickel	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	25.4		mg/Kg	0	-	0	NYSDEC-RSCO	2
Nickel	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	60.8	J	mg/Kg	0	-	0	NYSDEC-RSCO	5
Nickel	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	21.6		mg/Kg	0	-	0	NYSDEC-RSCO	2
Nickel	RSB-11	RSB-11-8-10	4/9/2002	8	10	ft	24.6		mg/Kg	0	-	0	NYSDEC-RSCO	2
Nickel	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	30.2	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Nickel	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	30.9		mg/Kg	0	-	0	NYSDEC-RSCO	2
Nickel	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	17.5		mg/Kg	0	-	0	NYSDEC-RSCO	1
Nickel	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	21.8		mg/Kg	0	-	0	NYSDEC-RSCO	2

Exceedances ening Criteria
Onsite Soil Boring S rface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Nickel	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	20		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	25.6		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	15		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	23.3		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	38.4		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	17.1	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	17.2	BJ	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	29.1		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-19	RSB-19-2-4	4/4/2002	2	4	ft	18.6		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	26.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	16.9		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	34.3		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-6	RSB-06-2-4	4/10/2002	2	4	ft	25.6		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-14	RSB-14-2-4	4/5/2002	2	4	ft	33.3		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	22.8		mg/Kg	0 - 0	NYSDEC-RSCO	2
Selenium	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	1.5		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	2
Selenium	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	1	B	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	1.1		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	0.92	BJ	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-14	RSB-14-2-4	4/5/2002	2	4	ft	1.3		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	2
Selenium	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	1.2	B	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	2.9		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	3
Selenium	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	8	J	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	9
Selenium	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	4.9	J	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	6
Selenium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	5.2		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	6
Selenium	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	1	B	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-6	RSB-06-2-4	4/10/2002	2	4	ft	1	B	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	1.5		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	2
Selenium	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	0.96	B	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	1.2	BJ	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	5.2	J	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	6
Selenium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	5.2	J	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	6
Selenium	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	1.8		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	2
Selenium	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	2.8		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	3
Selenium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	1.4		mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	2
Selenium	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	4.8	J	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	6
Selenium	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	0.91	B	mg/Kg	0.41 - 1.2	NYSDEC-RSCO,BKGD-SUBSUR	1
Silver	RSB-7	RSB-07-10-12	4/12/2002	10	12	ft	2.1		mg/Kg	0.1 - 0.26	,BKGD-SUBSUR	6
Silver	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	0.37	BJ	mg/Kg	0.1 - 0.26	,BKGD-SUBSUR	1
Silver	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	0.41	B	mg/Kg	0.1 - 0.26	,BKGD-SUBSUR	1
Silver	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	0.45	B	mg/Kg	0.1 - 0.26	,BKGD-SUBSUR	1
Sodium	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	294	B	mg/Kg	101 - 149	,BKGD-SUBSUR	1

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Sodium	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	485	B	mg/Kg	101	-	149	,BKGD-SUBSUR	2
Sodium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	626	B	mg/Kg	101	-	149	,BKGD-SUBSUR	3
Sodium	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	501	B	mg/Kg	101	-	149	,BKGD-SUBSUR	2
Sodium	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	539	BJ	mg/Kg	101	-	149	,BKGD-SUBSUR	2
Sodium	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	1040	B	mg/Kg	101	-	149	,BKGD-SUBSUR	5
Sodium	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	428	B	mg/Kg	101	-	149	,BKGD-SUBSUR	2
Sodium	RSB-15	RSB-15-8-10	4/8/2002	8	10	ft	289	B	mg/Kg	101	-	149	,BKGD-SUBSUR	1
Sodium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	757	BJ	mg/Kg	101	-	149	,BKGD-SUBSUR	3
Sodium	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	277	B	mg/Kg	101	-	149	,BKGD-SUBSUR	1
Sodium	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	366	BJ	mg/Kg	101	-	149	,BKGD-SUBSUR	2
Sodium	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	288	B	mg/Kg	101	-	149	,BKGD-SUBSUR	1
Sodium	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	364	B	mg/Kg	101	-	149	,BKGD-SUBSUR	2
Sodium	RSB-18	RSB-18-2-4	4/22/2002	2	4	ft	354	BJ	mg/Kg	101	-	149	,BKGD-SUBSUR	2
Sodium	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	321	B	mg/Kg	101	-	149	,BKGD-SUBSUR	1
Sodium	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	675	BJ	mg/Kg	101	-	149	,BKGD-SUBSUR	3
Thallium	RSB-18	RSB-18-2-4	4/22/2002	2	4	ft	1.1	B	mg/Kg	0.43	-	1.6	,BKGD-SUBSUR	2
Thallium	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	17.1	J	mg/Kg	0.43	-	1.6	,BKGD-SUBSUR	24
Thallium	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	14.8		mg/Kg	0.43	-	1.6	,BKGD-SUBSUR	21
Thallium	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	3.4		mg/Kg	0.43	-	1.6	,BKGD-SUBSUR	5
Thallium	RSB-18	RSB-18-8-10	4/22/2002	8	10	ft	1.2	B	mg/Kg	0.43	-	1.6	,BKGD-SUBSUR	2
Thallium	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	5.6	J	mg/Kg	0.43	-	1.6	,BKGD-SUBSUR	8
Zinc	RSB-17	RSB-17-8-10	4/9/2002	8	10	ft	44.3	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-8	RSB-08-8-10	4/12/2002	8	10	ft	82	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	230		mg/Kg	0	-	0	NYSDEC-RSCO	12
Zinc	RSB-7	RSB-07-10-12	4/12/2002	10	12	ft	22.1	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-17	RSB-17-6-8	4/9/2002	6	8	ft	35.4	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-16	RSB-16-8-10	4/9/2002	8	10	ft	48.9	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-8	RSB-08-8-10-DUP	4/12/2002	8	10	ft	27.9	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-6	RSB-06-8-10	4/10/2002	8	10	ft	22	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-26	RSB-26-2-4	4/10/2002	2	4	ft	79.4	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-13	RSB-13-2-4	4/4/2002	2	4	ft	81.7	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-9	RSB-09-2-4	4/10/2002	2	4	ft	59.4	J	mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	162		mg/Kg	0	-	0	NYSDEC-RSCO	8
Zinc	RSB-19	RSB-19-2-4	4/4/2002	2	4	ft	69.2	J	mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	279	J	mg/Kg	0	-	0	NYSDEC-RSCO	14
Zinc	RSB-9	RSB-09-8-10	4/10/2002	8	10	ft	158	J	mg/Kg	0	-	0	NYSDEC-RSCO	8
Zinc	RSB-18	RSB-18-2-4	4/22/2002	2	4	ft	33.5		mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	57.6		mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	41.2		mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	166	J	mg/Kg	0	-	0	NYSDEC-RSCO	8
Zinc	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	85.6	J	mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	34.7		mg/Kg	0	-	0	NYSDEC-RSCO	2

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Zinc	RSB-3	RSB-03-8-10	4/5/2002	8	10	ft	25.7		mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-15	RSB-15-8-10	4/8/2002	8	10	ft	37.4		mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-7	RSB-07-8-10	4/12/2002	8	10	ft	21.4	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-48	RSB-48-8-10	10/24/2002	8	10	ft	25.3		mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	723	J	mg/Kg	0	-	0	NYSDEC-RSCO	36
Zinc	RSB-7	RSB-07-2-4	4/12/2002	2	4	ft	31.6	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-14	RSB-14-2-4	4/5/2002	2	4	ft	81.8		mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	73.5		mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	189	J	mg/Kg	0	-	0	NYSDEC-RSCO	9
Zinc	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	293		mg/Kg	0	-	0	NYSDEC-RSCO	15
Zinc	RSB-4	RSB-04-8-10	4/9/2002	8	10	ft	30.2	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-10	RSB-10-8-10	4/9/2002	8	10	ft	126		mg/Kg	0	-	0	NYSDEC-RSCO	6
Zinc	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	268	J	mg/Kg	0	-	0	NYSDEC-RSCO	13
Zinc	RSB-49	RSB-49-8-10	10/24/2002	8	10	ft	33.8		mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-49	RSB-49-8-10-Dup	10/24/2002	8	10	ft	36.8	*	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-10	RSB-10-2-4	4/9/2002	2	4	ft	148		mg/Kg	0	-	0	NYSDEC-RSCO	7
Zinc	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	113		mg/Kg	0	-	0	NYSDEC-RSCO	6
Zinc	RSB-12	RSB-12-2-4	4/5/2002	2	4	ft	69.2	J	mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	291	J	mg/Kg	0	-	0	NYSDEC-RSCO	15
Zinc	RSB-11	RSB-11-2-4	4/9/2002	2	4	ft	120	J	mg/Kg	0	-	0	NYSDEC-RSCO	6
Zinc	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	70.4		mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-11	RSB-11-8-10	4/9/2002	8	10	ft	69.9	J	mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-6	RSB-06-2-4	4/10/2002	2	4	ft	56.5	J	mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	58.6	J	mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-12	RSB-12-8-10	4/5/2002	8	10	ft	63.5		mg/Kg	0	-	0	NYSDEC-RSCO	3
Zinc	RSB-14	RSB-14-8-10	4/5/2002	8	10	ft	68.4		mg/Kg	0	-	0	NYSDEC-RSCO	3
Cyanide	RSB-1	RSB-01-2-4-DUP	4/8/2002	2	4	ft	6.1		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	31
Cyanide	RSB-48	RSB-48-2-4	10/24/2002	2	4	ft	0.53	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	3
Cyanide	RSB-1	RSB-01-2-4	4/8/2002	2	4	ft	6.8	J	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	34
Cyanide	RSB-3	RSB-03-2-4	4/5/2002	2	4	ft	0.93		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	5
Cyanide	RSB-16	RSB-16-2-4-DUP	4/9/2002	2	4	ft	2.1		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	11
Cyanide	RSB-4	RSB-04-2-4	4/9/2002	2	4	ft	0.51	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	3
Cyanide	RSB-26	RSB-26-8-10	4/10/2002	8	10	ft	0.22	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	1
Cyanide	RSB-48	RSB-48-8-10	10/24/2002	8	10	ft	0.37	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	2
Cyanide	RSB-2	RSB-02-8-10	4/8/2002	8	10	ft	0.43	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	2
Cyanide	RSB-11	RSB-11-5-7	4/9/2002	5	7	ft	0.37	BJ	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	2
Cyanide	RSB-3	RSB-03-4-6	4/8/2002	4	6	ft	4.2		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	21
Cyanide	RSB-6	RSB-06-4-6	4/10/2002	4	6	ft	0.72		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	4
Cyanide	RSB-17	RSB-17-2-4	4/9/2002	2	4	ft	1.7	J	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	9
Cyanide	RSB-49	RSB-49-8-10	10/24/2002	8	10	ft	0.35	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	2
Cyanide	RSB-1	RSB-01-8-10	4/8/2002	8	10	ft	3.4		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	17
Cyanide	RSB-2	RSB-02-2-4	4/8/2002	2	4	ft	0.34	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	2

Exceedances of Screening Criteria
Onsite Soil Boring Subsurface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Cyanide	RSB-49	RSB-49-2-4	10/24/2002	2	4	ft	0.37	B	mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	2
Cyanide	RSB-16	RSB-16-2-4	4/9/2002	2	4	ft	1.9		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	10
Cyanide	RSB-15	RSB-15-2-4	4/8/2002	2	4	ft	1.3		mg/Kg	0.03	-	0.05	,BKGD-SUBSUR	7

Exceedances [illegible]eening Criteria
Offsite Soil Bori[illegible]urface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Antimony	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	2.7	B	mg/Kg	0.43 - 0.94	,BKGD-SURF	4
Antimony	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	7.2	BJ	mg/Kg	0.43 - 0.94	,BKGD-SURF	10
Antimony	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	9.9	B	mg/Kg	0.43 - 0.94	,BKGD-SURF	14
Antimony	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	3.1	BJ	mg/Kg	0.43 - 0.94	,BKGD-SURF	4
Antimony	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	1	BJ	mg/Kg	0.43 - 0.94	,BKGD-SURF	1
Arsenic	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	80.9		mg/Kg	0 - 0	NYSDEC-RSCO	11
Arsenic	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	14.5		mg/Kg	0 - 0	NYSDEC-RSCO	2
Arsenic	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	18.1	*	mg/Kg	0 - 0	NYSDEC-RSCO	2
Arsenic	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	45.7		mg/Kg	0 - 0	NYSDEC-RSCO	6
Barium	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	116	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	245		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Barium	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	242	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Barium	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	219		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Barium	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	349		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	4
Beryllium	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	0.17	B	mg/Kg	0 - 0	NYSDEC-RSCO	1
Beryllium	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	0.25	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	0.55	B	mg/Kg	0 - 0	NYSDEC-RSCO	3
Beryllium	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	0.49	B	mg/Kg	0 - 0	NYSDEC-RSCO	3
Beryllium	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	0.38	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	RSB-24	RSB-24-0-2	4/4/2002	0	2	ft	0.43	B	mg/Kg	0 - 0	NYSDEC-RSCO	3
Beryllium	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	0.33	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	0.36	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	0.36	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	0.37	B	mg/Kg	0 - 0	NYSDEC-RSCO	2
Beryllium	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	0.44	B	mg/Kg	0 - 0	NYSDEC-RSCO	3
Beryllium	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	0.44	B	mg/Kg	0 - 0	NYSDEC-RSCO	3
Beryllium	RSB-23	RSB-23-0-2	4/3/2002	0	2	ft	0.22	B	mg/Kg	0 - 0	NYSDEC-RSCO	1
Cadmium	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	1.8		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	20
Cadmium	RSB-40	RSB-40-0-2	10/22/2002	0	2	ft	0.19	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Cadmium	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	2.2		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	24
Cadmium	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	0.41	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	5
Cadmium	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	3.3		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	37
Cadmium	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	1.5	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	17
Cadmium	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	0.27	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Cadmium	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	0.25	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Cadmium	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	5		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	56
Cadmium	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	0.54	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	6
Cadmium	RSB-24	RSB-24-0-2	4/4/2002	0	2	ft	0.43	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	5
Cadmium	RSB-23	RSB-23-0-2	4/3/2002	0	2	ft	0.29	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Cadmium	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	0.35	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	4
Cadmium	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	0.38	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	4

Exceedances of Screening Criteria
Offsite Soil Boring Surface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Calcium	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	192000	J	mg/Kg	0 - 0	,BKGD-SURF	1
Calcium	RSB-40	RSB-40-0-2	10/22/2002	0	2	ft	276000	EJ	mg/Kg	0 - 0	,BKGD-SURF	2
Chromium	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	14.8	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	49.1		mg/Kg	0 - 0	NYSDEC-RSCO	5
Chromium	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	1210	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	121
Chromium	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	866	J	mg/Kg	0 - 0	NYSDEC-RSCO	87
Chromium	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	106		mg/Kg	0 - 0	NYSDEC-RSCO	11
Chromium	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	19.7		mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	1160	J	mg/Kg	0 - 0	NYSDEC-RSCO	116
Chromium	RSB-23	RSB-23-0-2	4/3/2002	0	2	ft	24.3	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	1430		mg/Kg	0 - 0	NYSDEC-RSCO	143
Chromium	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	11.3	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	19.5	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-24	RSB-24-0-2	4/4/2002	0	2	ft	10.5		mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	27.9		mg/Kg	0 - 0	NYSDEC-RSCO	3
Copper	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	57.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	56.3		mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	634	*	mg/Kg	0 - 0	NYSDEC-RSCO	25
Copper	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	39.4	*	mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	99.4		mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	188	J	mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	13800	*	mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	17600		mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	16800	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-23	RSB-23-0-2	4/3/2002	0	2	ft	7890	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	18400	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	26400	J	mg/Kg	0 - 0	NYSDEC-RSCO	13
Iron	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	26900	J	mg/Kg	0 - 0	NYSDEC-RSCO	13
Iron	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	38800	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	19
Iron	RSB-40	RSB-40-0-2	10/22/2002	0	2	ft	5330	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	9690	*	mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	47400	*	mg/Kg	0 - 0	NYSDEC-RSCO	24
Iron	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	13600		mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	12700	*	mg/Kg	0 - 0	NYSDEC-RSCO	6
Iron	RSB-24	RSB-24-0-2	4/4/2002	0	2	ft	18500		mg/Kg	0 - 0	NYSDEC-RSCO	9
Lead	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	818		mg/Kg	0 - 0	,BKGD-SURF	35
Lead	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	216	J	mg/Kg	0 - 0	,BKGD-SURF	9
Lead	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	44.7		mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	145	J	mg/Kg	0 - 0	,BKGD-SURF	6
Lead	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	39.7	*	mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	428	J	mg/Kg	0 - 0	,BKGD-SURF	18

Exceedances [redacted]eening Criteria
Offsite Soil Bor[redacted]urface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Lead	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	1820	*	mg/Kg	0 - 0	,BKGD-SURF	77
Lead	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	29.4	*	mg/Kg	0 - 0	,BKGD-SURF	1
Lead	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	469		mg/Kg	0 - 0	,BKGD-SURF	20
Lead	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	84.6	*	mg/Kg	0 - 0	,BKGD-SURF	4
Manganese	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	820		mg/Kg	0 - 0	,BKGD-SURF	1
Manganese	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	766		mg/Kg	0 - 0	,BKGD-SURF	1
Mercury	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	0.3	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Mercury	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	0.85	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	9
Mercury	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	0.24		mg/Kg	0 - 0	NYSDEC-RSCO	2
Mercury	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	0.42		mg/Kg	0 - 0	NYSDEC-RSCO	4
Mercury	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	0.16		mg/Kg	0 - 0	NYSDEC-RSCO	2
Mercury	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	0.49		mg/Kg	0 - 0	NYSDEC-RSCO	5
Mercury	RSB-24	RSB-24-0-2	4/4/2002	0	2	ft	0.13		mg/Kg	0 - 0	NYSDEC-RSCO	1
Mercury	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	0.2		mg/Kg	0 - 0	NYSDEC-RSCO	2
Mercury	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	1.1		mg/Kg	0 - 0	NYSDEC-RSCO	11
Nickel	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	33.6		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	26	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	22.1		mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	16.4	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	17.5	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	14.9	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	13.9		mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	18.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Selenium	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	1.6		mg/Kg	0.54 - 1	NYSDEC-RSCO,BKGD-SURF	2
Selenium	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	1.1		mg/Kg	0.54 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	16		mg/Kg	0.54 - 1	NYSDEC-RSCO,BKGD-SURF	16
Selenium	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	1.2		mg/Kg	0.54 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	3		mg/Kg	0.54 - 1	NYSDEC-RSCO,BKGD-SURF	3
Selenium	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	1.2	J	mg/Kg	0.54 - 1	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	4.1		mg/Kg	0.54 - 1	NYSDEC-RSCO,BKGD-SURF	4
Silver	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	0.42	B	mg/Kg	0.17 - 0.2	,BKGD-SURF	1
Silver	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	1	B	mg/Kg	0.17 - 0.2	,BKGD-SURF	3
Silver	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	1.9	B	mg/Kg	0.17 - 0.2	,BKGD-SURF	6
Silver	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	4		mg/Kg	0.17 - 0.2	,BKGD-SURF	13
Silver	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	2.7		mg/Kg	0.17 - 0.2	,BKGD-SURF	9
Silver	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	1.3	B	mg/Kg	0.17 - 0.2	,BKGD-SURF	4
Silver	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	0.55	B	mg/Kg	0.17 - 0.2	,BKGD-SURF	2
Silver	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	0.33	B	mg/Kg	0.17 - 0.2	,BKGD-SURF	1
Sodium	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	490	B	mg/Kg	111 - 127	,BKGD-SURF	2
Sodium	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	975	B	mg/Kg	111 - 127	,BKGD-SURF	3
Thallium	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	3.2		mg/Kg	0.7 - 2	,BKGD-SURF	3

Exceedances of Screening Criteria
Offsite Soil Boring Surface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Thallium	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	1.6	B	mg/Kg	0.7 - 2	,BKGD-SURF	2
Zinc	RSB-40	RSB-40-0-2	10/22/2002	0	2	ft	89.3		mg/Kg	0 - 0	NYSDEC-RSCO	4
Zinc	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	119	*	mg/Kg	0 - 0	NYSDEC-RSCO	6
Zinc	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	71.7		mg/Kg	0 - 0	NYSDEC-RSCO	4
Zinc	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	61	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-23	RSB-23-0-2	4/3/2002	0	2	ft	36.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Zinc	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	53.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	68.3	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-24	RSB-24-0-2	4/4/2002	0	2	ft	59	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Zinc	RSB-20	RSB-20-0-2	4/4/2002	0	2	ft	71.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Zinc	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	471		mg/Kg	0 - 0	NYSDEC-RSCO	24
Zinc	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	282	J	mg/Kg	0 - 0	NYSDEC-RSCO	14
Zinc	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	602	J	mg/Kg	0 - 0	NYSDEC-RSCO	30
Zinc	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	1170	*	mg/Kg	0 - 0	NYSDEC-RSCO	59
Zinc	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	645		mg/Kg	0 - 0	NYSDEC-RSCO	32
Cyanide	RSB-21	RSB-21-0-2	4/3/2002	0	2	ft	0.74		mg/Kg	0 - 0	,BKGD-SURF	5
Cyanide	RSB-46	RSB-46-0-2	10/23/2002	0	2	ft	0.19	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-45	RSB-45-0-2	10/23/2002	0	2	ft	0.19	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-47	RSB-47-0-2	10/23/2002	0	2	ft	0.19	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-44	RSB-44-0-2	10/24/2002	0	2	ft	0.16	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-43	RSB-43-0-2	10/24/2002	0	2	ft	0.21	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-42	RSB-42-0-2	10/23/2002	0	2	ft	0.18	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-41	RSB-41-0-2	10/22/2002	0	2	ft	0.21	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-24	RSB-24-0-2	4/4/2002	0	2	ft	0.17	B	mg/Kg	0 - 0	,BKGD-SURF	1
Cyanide	RSB-22	RSB-22-0-2	4/3/2002	0	2	ft	1.7		mg/Kg	0 - 0	,BKGD-SURF	11
Cyanide	RSB-25	RSB-25-0-2	4/4/2002	0	2	ft	0.34	B	mg/Kg	0 - 0	,BKGD-SURF	2

Exceedances [redacted]eening Criteria
Off Site Soil Borin[redacted]osurface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Antimony	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	2.3	BJ	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	4
Antimony	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	1.2	B	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	2
Antimony	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	3.6	B	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	6
Antimony	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	2.4	B	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	4
Antimony	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	5.2	B	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	8
Antimony	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	0.65	B	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	1
Antimony	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	5.8	BJ	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	9
Antimony	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	5.4	BJ	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	9
Antimony	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	1	B	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	2
Antimony	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	3.6	B	mg/Kg	0.41 - 1.1	,BKGD-SUBSUR	6
Arsenic	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	22.8	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Arsenic	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	19.8	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Arsenic	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	10		mg/Kg	0 - 0	NYSDEC-RSCO	1
Arsenic	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	11.1		mg/Kg	0 - 0	NYSDEC-RSCO	1
Arsenic	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	11.4	*	mg/Kg	0 - 0	NYSDEC-RSCO	2
Arsenic	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	11.6		mg/Kg	0 - 0	NYSDEC-RSCO	2
Arsenic	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	19.1		mg/Kg	0 - 0	NYSDEC-RSCO	3
Arsenic	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	26.7		mg/Kg	0 - 0	NYSDEC-RSCO	4
Arsenic	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	11.3		mg/Kg	0 - 0	NYSDEC-RSCO	2
Barium	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	2600		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	26
Barium	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	279	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	3
Barium	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	171		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	110		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	1
Barium	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	202	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	2
Barium	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	462		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	5
Barium	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	666		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	7
Barium	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	423	J	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SUBSUR	4
Beryllium	RSB-46	RSB-46-8-10	10/23/2002	8	10	ft	0.21	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-25	RSB-25-2-4	4/4/2002	2	4	ft	0.26	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	2
Beryllium	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	0.2	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	0.46	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	3
Beryllium	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	0.44	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	3
Beryllium	RSB-47	RSB-47-4-6	10/23/2002	4	6	ft	0.21	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	0.41	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	3
Beryllium	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	0.45	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	3
Beryllium	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	0.17	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-44	RSB-44-8-10	10/24/2002	8	10	ft	0.22	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	0.49	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	3
Beryllium	RSB-40	RSB-40-2-4	10/22/2002	2	4	ft	0.18	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-20	RSB-20-8-10	4/4/2002	8	10	ft	0.23	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-24	RSB-24-2-4	4/4/2002	2	4	ft	0.18	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1

Exceedances of Screening Criteria
Off Site Soil Boring Subsurface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Beryllium	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	0.24	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	2
Beryllium	RSB-24	RSB-24-8-10	4/4/2002	8	10	ft	0.17	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-20	RSB-20-2-4	4/4/2002	2	4	ft	0.19	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-46	RSB-46-2-4	10/23/2002	2	4	ft	0.22	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-23	RSB-23-2-4	4/3/2002	2	4	ft	0.27	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	2
Beryllium	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	0.29	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	2
Beryllium	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	0.2	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-25	RSB-25-8-10	4/4/2002	8	10	ft	0.21	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	0.45	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	3
Beryllium	RSB-44	RSB-44-2-4	10/24/2002	2	4	ft	0.47	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	3
Beryllium	RSB-47	RSB-47-2-4	10/23/2002	2	4	ft	0.23	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Beryllium	RSB-40	RSB-40-8-10	10/22/2002	8	10	ft	0.2	B	mg/Kg	0.09 - 0.1	NYSDEC-RSCO	1
Cadmium	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	0.74	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	8
Cadmium	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	3.1		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	33
Cadmium	RSB-44	RSB-44-2-4	10/24/2002	2	4	ft	0.22	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	6.7		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	71
Cadmium	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	0.31	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-20	RSB-20-8-10	4/4/2002	8	10	ft	0.23	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-22	RSB-22-8-10	4/3/2002	8	10	ft	0.21	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-25	RSB-25-8-10	4/4/2002	8	10	ft	0.21	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-23	RSB-23-2-4	4/3/2002	2	4	ft	0.38	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	4
Cadmium	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	5.3		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	56
Cadmium	RSB-23	RSB-23-8-10	4/3/2002	8	10	ft	0.19	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	0.36	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	4
Cadmium	RSB-44	RSB-44-8-10	10/24/2002	8	10	ft	0.33	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	1.9		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	20
Cadmium	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	2.2		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	23
Cadmium	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	0.82	BJ	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	9
Cadmium	RSB-24	RSB-24-8-10	4/4/2002	8	10	ft	0.16	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-20	RSB-20-2-4	4/4/2002	2	4	ft	0.19	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	2.1		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	22
Cadmium	RSB-24	RSB-24-2-4	4/4/2002	2	4	ft	0.15	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Cadmium	RSB-25	RSB-25-2-4	4/4/2002	2	4	ft	0.25	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	3
Cadmium	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	2.9		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	31
Cadmium	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	1	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	11
Cadmium	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	4		mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	42
Cadmium	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	0.21	B	mg/Kg	0.08 - 0.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Calcium	RSB-40	RSB-40-8-10	10/22/2002	8	10	ft	228000	EJ	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-47	RSB-47-2-4	10/23/2002	2	4	ft	233000		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	188000	EJ	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-46	RSB-46-8-10	10/23/2002	8	10	ft	223000		mg/Kg	0 - 0	,BKGD-SUBSUR	3

Exceedances [illegible]eening Criteria
Off Site Soil Borin[illegible]bsurface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Calcium	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	92900	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Calcium	RSB-47	RSB-47-4-6	10/23/2002	4	6	ft	225000		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-23	RSB-23-8-10	4/3/2002	8	10	ft	222000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-25	RSB-25-8-10	4/4/2002	8	10	ft	207000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-24	RSB-24-2-4	4/4/2002	2	4	ft	202000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	179000		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-44	RSB-44-8-10	10/24/2002	8	10	ft	192000		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-40	RSB-40-2-4	10/22/2002	2	4	ft	177000	EJ	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-22	RSB-22-8-10	4/3/2002	8	10	ft	241000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	184000		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	198000		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	226000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-23	RSB-23-2-4	4/3/2002	2	4	ft	197000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	181000	EJ	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-24	RSB-24-8-10	4/4/2002	8	10	ft	215000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-20	RSB-20-2-4	4/4/2002	2	4	ft	181000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Calcium	RSB-46	RSB-46-2-4	10/23/2002	2	4	ft	242000		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	206000	EJ	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Calcium	RSB-25	RSB-25-2-4	4/4/2002	2	4	ft	159000	J	mg/Kg	0 - 0	,BKGD-SUBSUR	2
Chromium	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	339	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	34
Chromium	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	1070	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	107
Chromium	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	164		mg/Kg	0 - 0	NYSDEC-RSCO	16
Chromium	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	81.6	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	8
Chromium	RSB-44	RSB-44-2-4	10/24/2002	2	4	ft	11	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	102	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	10
Chromium	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	12.9	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	10.3	N*J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Chromium	RSB-23	RSB-23-2-4	4/3/2002	2	4	ft	24.9	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Chromium	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	380		mg/Kg	0 - 0	NYSDEC-RSCO	38
Chromium	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	463	J	mg/Kg	0 - 0	NYSDEC-RSCO	46
Chromium	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	1190	J	mg/Kg	0 - 0	NYSDEC-RSCO	119
Chromium	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	172	J	mg/Kg	0 - 0	NYSDEC-RSCO	17
Chromium	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	206		mg/Kg	0 - 0	NYSDEC-RSCO	21
Chromium	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	63.5		mg/Kg	0 - 0	NYSDEC-RSCO	6
Chromium	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	17.1	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Copper	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	104		mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	121		mg/Kg	0 - 0	NYSDEC-RSCO	5
Copper	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	101	J	mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	643	J	mg/Kg	0 - 0	NYSDEC-RSCO	26
Copper	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	105		mg/Kg	0 - 0	NYSDEC-RSCO	4
Copper	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	43	J	mg/Kg	0 - 0	NYSDEC-RSCO	2

Exceedances of Screening Criteria
Off Site Soil Boring Subsurface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Copper	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	62.7	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Copper	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	120	*	mg/Kg	0 - 0	NYSDEC-RSCO	5
Copper	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	114	*	mg/Kg	0 - 0	NYSDEC-RSCO	5
Copper	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	204	*	mg/Kg	0 - 0	NYSDEC-RSCO	8
Copper	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	31	*	mg/Kg	0 - 0	NYSDEC-RSCO	1
Iron	RSB-25	RSB-25-8-10	4/4/2002	8	10	ft	9890		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-44	RSB-44-8-10	10/24/2002	8	10	ft	6610	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	22000	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	RSB-47	RSB-47-2-4	10/23/2002	2	4	ft	7050	*	mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-20	RSB-20-8-10	4/4/2002	8	10	ft	10900		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-23	RSB-23-8-10	4/3/2002	8	10	ft	6720	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	23200	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	RSB-22	RSB-22-8-10	4/3/2002	8	10	ft	4880	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Iron	RSB-46	RSB-46-2-4	10/23/2002	2	4	ft	6880	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	56300	J	mg/Kg	0 - 0	NYSDEC-RSCO	28
Iron	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	24000	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	6850	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-47	RSB-47-4-6	10/23/2002	4	6	ft	6500	*	mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	9420	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	22600	*	mg/Kg	0 - 0	NYSDEC-RSCO	11
Iron	RSB-40	RSB-40-2-4	10/22/2002	2	4	ft	4830	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	2
Iron	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	36500	J	mg/Kg	0 - 0	NYSDEC-RSCO	18
Iron	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	63500	*	mg/Kg	0 - 0	NYSDEC-RSCO	32
Iron	RSB-25	RSB-25-2-4	4/4/2002	2	4	ft	9960		mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	15300	*	mg/Kg	0 - 0	NYSDEC-RSCO	8
Iron	RSB-24	RSB-24-2-4	4/4/2002	2	4	ft	6940		mg/Kg	0 - 0	NYSDEC-RSCO	3
Iron	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	41300	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	21
Iron	RSB-23	RSB-23-2-4	4/3/2002	2	4	ft	10400	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Iron	RSB-20	RSB-20-2-4	4/4/2002	2	4	ft	7670		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-40	RSB-40-8-10	10/22/2002	8	10	ft	4920	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	2
Iron	RSB-44	RSB-44-2-4	10/24/2002	2	4	ft	13200	*	mg/Kg	0 - 0	NYSDEC-RSCO	7
Iron	RSB-46	RSB-46-8-10	10/23/2002	8	10	ft	7380	*	mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-24	RSB-24-8-10	4/4/2002	8	10	ft	7220		mg/Kg	0 - 0	NYSDEC-RSCO	4
Iron	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	95700	*	mg/Kg	0 - 0	NYSDEC-RSCO	48
Iron	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	36000	J	mg/Kg	0 - 0	NYSDEC-RSCO	18
Iron	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	56500	*	mg/Kg	0 - 0	NYSDEC-RSCO	28
Lead	RSB-22	RSB-22-8-10	4/3/2002	8	10	ft	22.6	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Lead	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	374	J	mg/Kg	0 - 0	,BKGD-SUBSUR	18
Lead	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	1490	*	mg/Kg	0 - 0	,BKGD-SUBSUR	70
Lead	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	62.4	*	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Lead	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	270	J	mg/Kg	0 - 0	,BKGD-SUBSUR	13

Exceedances of Screening Criteria
Off Site Soil Borings Subsurface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Lead	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	346		mg/Kg	0 - 0	,BKGD-SUBSUR	16
Lead	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	1360	*	mg/Kg	0 - 0	,BKGD-SUBSUR	64
Lead	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	621		mg/Kg	0 - 0	,BKGD-SUBSUR	29
Lead	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	201		mg/Kg	0 - 0	,BKGD-SUBSUR	9
Lead	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	59.6	J	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Lead	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	570	*	mg/Kg	0 - 0	,BKGD-SUBSUR	27
Lead	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	227		mg/Kg	0 - 0	,BKGD-SUBSUR	11
Lead	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	57.3	*	mg/Kg	0 - 0	,BKGD-SUBSUR	3
Lead	RSB-44	RSB-44-2-4	10/24/2002	2	4	ft	138	*	mg/Kg	0 - 0	,BKGD-SUBSUR	6
Lead	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	1280	J	mg/Kg	0 - 0	,BKGD-SUBSUR	60
Lead	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	91.4	*	mg/Kg	0 - 0	,BKGD-SUBSUR	4
Magnesium	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	7090		mg/Kg	0 - 0	,BKGD-SUBSUR	1
Magnesium	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	7560	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Magnesium	RSB-44	RSB-44-8-10	10/24/2002	8	10	ft	17400		mg/Kg	0 - 0	,BKGD-SUBSUR	3
Magnesium	RSB-20	RSB-20-8-10	4/4/2002	8	10	ft	14500		mg/Kg	0 - 0	,BKGD-SUBSUR	2
Mercury	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	0.34		mg/Kg	0.04 - 0.06	NYSDEC-RSCO	3
Mercury	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	0.55		mg/Kg	0.04 - 0.06	NYSDEC-RSCO	6
Mercury	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	0.37		mg/Kg	0.04 - 0.06	NYSDEC-RSCO	4
Mercury	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	0.92		mg/Kg	0.04 - 0.06	NYSDEC-RSCO	9
Mercury	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	30.3	N*J	mg/Kg	0.04 - 0.06	NYSDEC-RSCO	303
Mercury	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	0.41	N*J	mg/Kg	0.04 - 0.06	NYSDEC-RSCO	4
Mercury	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	1	N*J	mg/Kg	0.04 - 0.06	NYSDEC-RSCO	10
Mercury	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	0.25		mg/Kg	0.04 - 0.06	NYSDEC-RSCO	3
Nickel	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	31.1	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	15.9	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	21.9	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	68.8	J	mg/Kg	0 - 0	NYSDEC-RSCO	5
Nickel	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	38.4		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	14.3	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	44.3		mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	48.8		mg/Kg	0 - 0	NYSDEC-RSCO	4
Nickel	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	22	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	41.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	3
Nickel	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	31.6		mg/Kg	0 - 0	NYSDEC-RSCO	2
Potassium	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	1410	J	mg/Kg	0 - 0	,BKGD-SUBSUR	1
Selenium	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	2.5	J	mg/Kg	0.52 - 1.1	NYSDEC-RSCO,BKGD-SUBSUR	3
Selenium	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	2		mg/Kg	0.52 - 1.1	NYSDEC-RSCO,BKGD-SUBSUR	2
Selenium	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	0.88	BJ	mg/Kg	0.52 - 1.1	NYSDEC-RSCO,BKGD-SUBSUR	1
Selenium	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	3.1	J	mg/Kg	0.52 - 1.1	NYSDEC-RSCO,BKGD-SUBSUR	4
Selenium	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	2.5		mg/Kg	0.52 - 1.1	NYSDEC-RSCO,BKGD-SUBSUR	3
Selenium	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	9.1		mg/Kg	0.52 - 1.1	NYSDEC-RSCO,BKGD-SUBSUR	11

Exceedances of Screening Criteria
Off Site Soil Boring Subsurface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Selenium	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	2.2		mg/Kg	0.52	-	1.1	NYSDEC-RSCO,BKGD-SUBSUR	3
Selenium	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	2.8		mg/Kg	0.52	-	1.1	NYSDEC-RSCO,BKGD-SUBSUR	3
Selenium	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	3.4		mg/Kg	0.52	-	1.1	NYSDEC-RSCO,BKGD-SUBSUR	4
Silver	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	2.4		mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	7
Silver	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	3.3		mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	10
Silver	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	0.39	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	1
Silver	RSB-44	RSB-44-2-4	10/24/2002	2	4	ft	0.7	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	2
Silver	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	0.59	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	2
Silver	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	0.88	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	3
Silver	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	2.1	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	6
Silver	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	1.7	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	5
Silver	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	3.6		mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	11
Silver	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	0.77	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	2
Silver	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	2.5	B	mg/Kg	0.17	-	0.23	,BKGD-SUBSUR	7
Sodium	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	1140	B	mg/Kg	106	-	114	,BKGD-SUBSUR	5
Sodium	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	354	B	mg/Kg	106	-	114	,BKGD-SUBSUR	2
Sodium	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	271	B	mg/Kg	106	-	114	,BKGD-SUBSUR	1
Sodium	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	937	B	mg/Kg	106	-	114	,BKGD-SUBSUR	4
Sodium	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	254	B	mg/Kg	106	-	114	,BKGD-SUBSUR	1
Sodium	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	2110		mg/Kg	106	-	114	,BKGD-SUBSUR	9
Sodium	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	330	B	mg/Kg	106	-	114	,BKGD-SUBSUR	1
Sodium	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	287	B	mg/Kg	106	-	114	,BKGD-SUBSUR	1
Sodium	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	308	B	mg/Kg	106	-	114	,BKGD-SUBSUR	1
Thallium	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	4.4	J	mg/Kg	0.64	-	1.7	,BKGD-SUBSUR	6
Thallium	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	1	B	mg/Kg	0.64	-	1.7	,BKGD-SUBSUR	1
Thallium	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	4.2		mg/Kg	0.64	-	1.7	,BKGD-SUBSUR	6
Thallium	RSB-40	RSB-40-2-4	10/22/2002	2	4	ft	1.7	B	mg/Kg	0.64	-	1.7	,BKGD-SUBSUR	2
Thallium	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	2.1	B	mg/Kg	0.64	-	1.7	,BKGD-SUBSUR	3
Thallium	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	6.6		mg/Kg	0.64	-	1.7	,BKGD-SUBSUR	9
Zinc	RSB-42	RSB-42-8-10	10/23/2002	8	10	ft	506		mg/Kg	0	-	0	NYSDEC-RSCO	25
Zinc	RSB-42	RSB-42-2-4	10/23/2002	2	4	ft	182		mg/Kg	0	-	0	NYSDEC-RSCO	9
Zinc	RSB-40	RSB-40-2-4	10/22/2002	2	4	ft	34.1		mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	5000	*	mg/Kg	0	-	0	NYSDEC-RSCO	250
Zinc	RSB-24	RSB-24-8-10	4/4/2002	8	10	ft	25.3	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-22	RSB-22-8-10	4/3/2002	8	10	ft	28.9	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-43	RSB-43-2-4	10/24/2002	2	4	ft	492	*	mg/Kg	0	-	0	NYSDEC-RSCO	25
Zinc	RSB-47	RSB-47-4-6	10/23/2002	4	6	ft	26.3	*	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	532	J	mg/Kg	0	-	0	NYSDEC-RSCO	27
Zinc	RSB-41	RSB-41-8-10	10/22/2002	8	10	ft	708		mg/Kg	0	-	0	NYSDEC-RSCO	35
Zinc	RSB-46	RSB-46-8-10	10/23/2002	8	10	ft	30	*	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-44	RSB-44-2-4	10/24/2002	2	4	ft	79.4	*	mg/Kg	0	-	0	NYSDEC-RSCO	4

Exceedances [illegible]eening Criteria
Off Site Soil Borin[illegible]bsurface Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Zinc	RSB-40	RSB-40-8-10	10/22/2002	8	10	ft	43.3		mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-47	RSB-47-2-4	10/23/2002	2	4	ft	34.3	*	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-23	RSB-23-2-4	4/3/2002	2	4	ft	48.1	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-24	RSB-24-2-4	4/4/2002	2	4	ft	23.6	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-41	RSB-41-4-6	10/22/2002	4	6	ft	876		mg/Kg	0	-	0	NYSDEC-RSCO	44
Zinc	RSB-20	RSB-20-8-10	4/4/2002	8	10	ft	39.5	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-45	RSB-45-4-6	10/23/2002	4	6	ft	94.7	*	mg/Kg	0	-	0	NYSDEC-RSCO	5
Zinc	RSB-46	RSB-46-2-4	10/23/2002	2	4	ft	26.2	*	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-23	RSB-23-8-10	4/3/2002	8	10	ft	20.4	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-43	RSB-43-8-10	10/24/2002	8	10	ft	191	*	mg/Kg	0	-	0	NYSDEC-RSCO	10
Zinc	RSB-45	RSB-45-8-10	10/23/2002	8	10	ft	83	*	mg/Kg	0	-	0	NYSDEC-RSCO	4
Zinc	RSB-20	RSB-20-2-4	4/4/2002	2	4	ft	29.8	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Zinc	RSB-44	RSB-44-8-10	10/24/2002	8	10	ft	144	*	mg/Kg	0	-	0	NYSDEC-RSCO	7
Zinc	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	100	J	mg/Kg	0	-	0	NYSDEC-RSCO	5
Zinc	RSB-25	RSB-25-2-4	4/4/2002	2	4	ft	33.4	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-25	RSB-25-8-10	4/4/2002	8	10	ft	30.7	J	mg/Kg	0	-	0	NYSDEC-RSCO	2
Zinc	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	1580	*	mg/Kg	0	-	0	NYSDEC-RSCO	79
Zinc	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	733	J	mg/Kg	0	-	0	NYSDEC-RSCO	37
Zinc	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	1350	J	mg/Kg	0	-	0	NYSDEC-RSCO	68
Cyanide	RSB-22	RSB-22-2-4	4/3/2002	2	4	ft	1.2		mg/Kg	0.04	-	0.04	,BKGD-SUBSUR	6
Cyanide	RSB-21	RSB-21-8-10	4/3/2002	8	10	ft	0.21	B	mg/Kg	0.04	-	0.04	,BKGD-SUBSUR	1
Cyanide	RSB-21	RSB-21-2-4	4/3/2002	2	4	ft	1.5		mg/Kg	0.04	-	0.04	,BKGD-SUBSUR	8
Cyanide	RSB-22	RSB-22-6-8	4/3/2002	6	8	ft	0.74		mg/Kg	0.04	-	0.04	,BKGD-SUBSUR	4
Cyanide	RSB-42	RSB-42-4-6	10/23/2002	4	6	ft	0.23	B	mg/Kg	0.04	-	0.04	,BKGD-SUBSUR	1
Cyanide	RSB-45	RSB-45-2-4	10/23/2002	2	4	ft	0.23	B	mg/Kg	0.04	-	0.04	,BKGD-SUBSUR	1

Exceedances of Screening Criteria
Southbank Front Lot Surface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Antimony	RSS-02	RSS-02	10/23/2002				0.75	B	mg/Kg	0.6	-	0.7	,BKGD-SURF	1
Antimony	RSS-01	RSS-01	10/23/2002				1.6	B	mg/Kg	0.6	-	0.7	,BKGD-SURF	2
Arsenic	RSS-01	RSS-01	10/23/2002				9.6		mg/Kg	0	-	0	NYSDEC-RSCO	1
Arsenic	RSS-03	RSS-03-Dup	10/23/2002				9.6		mg/Kg	0	-	0	NYSDEC-RSCO	1
Arsenic	RSS-02	RSS-02	10/23/2002				9.7		mg/Kg	0	-	0	NYSDEC-RSCO	1
Arsenic	RSS-06	RSS-06	10/23/2002				16.5		mg/Kg	0	-	0	NYSDEC-RSCO	2
Arsenic	RSS-03	RSS-03	10/23/2002				7.9		mg/Kg	0	-	0	NYSDEC-RSCO	1
Barium	RSS-01	RSS-01	10/23/2002				144		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	2
Barium	RSS-03	RSS-03-Dup	10/23/2002				216		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	3
Barium	RSS-02	RSS-02	10/23/2002				94.7		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	1
Barium	RSS-03	RSS-03	10/23/2002				209		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	3
Barium	RSS-06	RSS-06	10/23/2002				196		mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	2
Beryllium	RSS-02	RSS-02	10/23/2002				0.2	B	mg/Kg	0	-	0	NYSDEC-RSCO	1
Beryllium	RSS-03	RSS-03-Dup	10/23/2002				0.57	B	mg/Kg	0	-	0	NYSDEC-RSCO	4
Beryllium	RSS-01	RSS-01	10/23/2002				0.45	B	mg/Kg	0	-	0	NYSDEC-RSCO	3
Beryllium	RSS-04	RSS-04	10/23/2002				0.41	B	mg/Kg	0	-	0	NYSDEC-RSCO	3
Beryllium	RSS-03	RSS-03	10/23/2002				0.7	B	mg/Kg	0	-	0	NYSDEC-RSCO	4
Beryllium	RSS-05	RSS-05	10/23/2002				0.28	B	mg/Kg	0	-	0	NYSDEC-RSCO	2
Beryllium	RSS-06	RSS-06	10/23/2002				0.63	B	mg/Kg	0	-	0	NYSDEC-RSCO	4
Cadmium	RSS-06	RSS-06	10/23/2002				0.53	B	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	6
Cadmium	RSS-02	RSS-02	10/23/2002				0.38	BJ	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	4
Cadmium	RSS-01	RSS-01	10/23/2002				0.41	B	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	5
Cadmium	RSS-03	RSS-03	10/23/2002				0.76	B	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	8
Cadmium	RSS-05	RSS-05	10/23/2002				0.18	B	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	2
Cadmium	RSS-03	RSS-03-Dup	10/23/2002				0.92	B	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	10
Cadmium	RSS-04	RSS-04	10/23/2002				0.59	B	mg/Kg	0	-	0	NYSDEC-RSCO,BKGD-SURF	7
Chromium	RSS-06	RSS-06	10/23/2002				143		mg/Kg	0	-	0	NYSDEC-RSCO	14
Chromium	RSS-04	RSS-04	10/23/2002				131		mg/Kg	0	-	0	NYSDEC-RSCO	13
Chromium	RSS-03	RSS-03	10/23/2002				104		mg/Kg	0	-	0	NYSDEC-RSCO	10
Chromium	RSS-01	RSS-01	10/23/2002				474		mg/Kg	0	-	0	NYSDEC-RSCO	47
Chromium	RSS-02	RSS-02	10/23/2002				371		mg/Kg	0	-	0	NYSDEC-RSCO	37
Chromium	RSS-03	RSS-03-Dup	10/23/2002				109		mg/Kg	0	-	0	NYSDEC-RSCO	11
Chromium	RSS-05	RSS-05	10/23/2002				200		mg/Kg	0	-	0	NYSDEC-RSCO	20
Copper	RSS-03	RSS-03-Dup	10/23/2002				28.7	J	mg/Kg	0	-	0	NYSDEC-RSCO	1
Iron	RSS-01	RSS-01	10/23/2002				12300	EJ	mg/Kg	0	-	0	NYSDEC-RSCO	6
Iron	RSS-05	RSS-05	10/23/2002				9630	EJ	mg/Kg	0	-	0	NYSDEC-RSCO	5
Iron	RSS-02	RSS-02	10/23/2002				13300	EJ	mg/Kg	0	-	0	NYSDEC-RSCO	7

Exceedances [redacted]eening Criteria
Southbank Front Lot [redacted]rface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Iron	RSS-04	RSS-04	10/23/2002				12100	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	6
Iron	RSS-03	RSS-03	10/23/2002				18700	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	9
Iron	RSS-03	RSS-03-Dup	10/23/2002				24700	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	12
Iron	RSS-06	RSS-06	10/23/2002				17900	EJ	mg/Kg	0 - 0	NYSDEC-RSCO	9
Lead	RSS-02	RSS-02	10/23/2002				86.7		mg/Kg	0 - 0	,BKGD-SURF	4
Lead	RSS-01	RSS-01	10/23/2002				48.9		mg/Kg	0 - 0	,BKGD-SURF	2
Lead	RSS-04	RSS-04	10/23/2002				27.4		mg/Kg	0 - 0	,BKGD-SURF	1
Lead	RSS-06	RSS-06	10/23/2002				94.1		mg/Kg	0 - 0	,BKGD-SURF	4
Lead	RSS-03	RSS-03	10/23/2002				175		mg/Kg	0 - 0	,BKGD-SURF	7
Lead	RSS-03	RSS-03-Dup	10/23/2002				189		mg/Kg	0 - 0	,BKGD-SURF	8
Manganese	RSS-03	RSS-03-Dup	10/23/2002				1360		mg/Kg	0 - 0	,BKGD-SURF	2
Manganese	RSS-03	RSS-03	10/23/2002				1210		mg/Kg	0 - 0	,BKGD-SURF	2
Manganese	RSS-06	RSS-06	10/23/2002				836		mg/Kg	0 - 0	,BKGD-SURF	1
Nickel	RSS-02	RSS-02	10/23/2002				13.7	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSS-03	RSS-03	10/23/2002				16.9	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSS-06	RSS-06	10/23/2002				18.7	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSS-03	RSS-03-Dup	10/23/2002				21.3	J	mg/Kg	0 - 0	NYSDEC-RSCO	2
Nickel	RSS-01	RSS-01	10/23/2002				13.6	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Nickel	RSS-04	RSS-04	10/23/2002				14.7	J	mg/Kg	0 - 0	NYSDEC-RSCO	1
Potassium	RSS-03	RSS-03	10/23/2002				1360	B	mg/Kg	0 - 0	,BKGD-SURF	1
Potassium	RSS-03	RSS-03-Dup	10/23/2002				1480	B	mg/Kg	0 - 0	,BKGD-SURF	1
Selenium	RSS-05	RSS-05	10/23/2002				1.2	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSS-06	RSS-06	10/23/2002				1.6		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Selenium	RSS-01	RSS-01	10/23/2002				1.9		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Selenium	RSS-03	RSS-03-Dup	10/23/2002				3.2		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	3
Selenium	RSS-02	RSS-02	10/23/2002				1.8		mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	2
Selenium	RSS-04	RSS-04	10/23/2002				1.3	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Selenium	RSS-03	RSS-03	10/23/2002				1.4	B	mg/Kg	0 - 0	NYSDEC-RSCO,BKGD-SURF	1
Silver	RSS-06	RSS-06	10/23/2002				1.3	B	mg/Kg	0 - 0	,BKGD-SURF	4
Silver	RSS-03	RSS-03-Dup	10/23/2002				2.3	B	mg/Kg	0 - 0	,BKGD-SURF	8
Silver	RSS-03	RSS-03	10/23/2002				0.81	B	mg/Kg	0 - 0	,BKGD-SURF	3
Silver	RSS-01	RSS-01	10/23/2002				0.55	B	mg/Kg	0 - 0	,BKGD-SURF	2
Silver	RSS-05	RSS-05	10/23/2002				0.6	B	mg/Kg	0 - 0	,BKGD-SURF	2
Silver	RSS-04	RSS-04	10/23/2002				0.54	B	mg/Kg	0 - 0	,BKGD-SURF	2
Silver	RSS-02	RSS-02	10/23/2002				1.5	B	mg/Kg	0 - 0	,BKGD-SURF	5
Zinc	RSS-06	RSS-06	10/23/2002				201		mg/Kg	0 - 0	NYSDEC-RSCO	10
Zinc	RSS-02	RSS-02	10/23/2002				110		mg/Kg	0 - 0	NYSDEC-RSCO	6

Exceedances of Screening Criteria
Southbank Front Lot Surface Soil Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Zinc	RSS-03	RSS-03-Dup	10/23/2002				329		mg/Kg	0 - 0	NYSDEC-RSCO	16
Zinc	RSS-01	RSS-01	10/23/2002				98.8		mg/Kg	0 - 0	NYSDEC-RSCO	5
Zinc	RSS-04	RSS-04	10/23/2002				126		mg/Kg	0 - 0	NYSDEC-RSCO	6
Zinc	RSS-03	RSS-03	10/23/2002				252		mg/Kg	0 - 0	NYSDEC-RSCO	13
Zinc	RSS-05	RSS-05	10/23/2002				66.2		mg/Kg	0 - 0	NYSDEC-RSCO	3
Cyanide	RSS-03	RSS-03-Dup	10/23/2002				0.23	B	mg/Kg	0 - 0	,BKGD-SURF	2
Cyanide	RSS-04	RSS-04	10/23/2002				0.26	B	mg/Kg	0 - 0	,BKGD-SURF	2
Cyanide	RSS-05	RSS-05	10/23/2002				0.26	B	mg/Kg	0 - 0	,BKGD-SURF	2
Cyanide	RSS-03	RSS-03	10/23/2002				0.23	B	mg/Kg	0 - 0	,BKGD-SURF	2

Onsite Wetland Sediment Sample Exceedances Tables

Exceedance [redacted]ing Criteria
Onsite Wetland [redacted]ent Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
4-Methylphenol	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	250	J	ug/Kg	470	-	2400	NYSED-AC-LELW,NYSED-AC-SELW	5
Benzo(a)anthracene	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	160	J	ug/Kg	470	-	2400	NYSED-HFW	1
Benzo(a)anthracene	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	210	J	ug/Kg	470	-	2400	NYSED-HFW	1
Chrysene	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	240	J	ug/Kg	470	-	2400	NYSED-HFW	2
Chrysene	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	160	J	ug/Kg	470	-	2400	NYSED-HFW	1
Chrysene	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	200	J	ug/Kg	470	-	2400	NYSED-HFW	1
Benzo(b)fluoranthene	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	190	J	ug/Kg	470	-	2400	NYSED-HFW	1
Benzo(b)fluoranthene	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	430	J	ug/Kg	470	-	2400	NYSED-HFW	3
Benzo(b)fluoranthene	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	180	J	ug/Kg	470	-	2400	NYSED-HFW	1
Benzo(k)fluoranthene	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	150	J	ug/Kg	470	-	2400	NYSED-HFW	1
Benzo(k)fluoranthene	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	160	J	ug/Kg	470	-	2400	NYSED-HFW	1
Benzo(k)fluoranthene	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	220	J	ug/Kg	470	-	2400	NYSED-HFW	2
Benzo(a)pyrene	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	180	J	ug/Kg	470	-	2400	NYSED-HFW	1
Benzo(a)pyrene	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	260	J	ug/Kg	470	-	2400	NYSED-HFW	2
Indeno(1,2,3-cd)pyrene	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	180	J	ug/Kg	470	-	2400	NYSED-HFW	1
Indeno(1,2,3-cd)pyrene	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	160	J	ug/Kg	470	-	2400	NYSED-HFW	1
Heptachlor	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	0.23	J	ug/Kg	2.4	-	12	NYSED-HFW	3
4,4'-DDE	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	2.3	J	ug/Kg	4.7	-	24	NYSED-HFW	2
4,4'-DDE	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	10	J	ug/Kg	4.7	-	24	NYSED-HFW	9
4,4'-DDE	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	38	J	ug/Kg	4.7	-	24	NYSED-HFW	34
4,4'-DDE	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	16	J	ug/Kg	4.7	-	24	NYSED-HFW	14
4,4'-DDE	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	6.8	J	ug/Kg	4.7	-	24	NYSED-HFW	6
4,4'-DDE	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	24	J	ug/Kg	4.7	-	24	NYSED-HFW	22
4,4'-DDD	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	5.9	J	ug/Kg	4.7	-	24	NYSED-HFW	5
4,4'-DDD	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	15	J	ug/Kg	4.7	-	24	NYSED-HFW	14
4,4'-DDD	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	9.8	J	ug/Kg	4.7	-	24	NYSED-HFW	9
4,4'-DDT	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	73	J	ug/Kg	4.7	-	24	NYSED-HFW	66
4,4'-DDT	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	4.8	J	ug/Kg	4.7	-	24	NYSED-HFW	4
alpha-Chlordane	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	10	J	ug/Kg	2.4	-	12	NYSED-HFW	90
alpha-Chlordane	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	4.9	NJ	ug/Kg	2.4	-	12	NYSED-HFW	44
alpha-Chlordane	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	2	J	ug/Kg	2.4	-	12	NYSED-HFW	18
alpha-Chlordane	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	0.44	J	ug/Kg	2.4	-	12	NYSED-HFW	4
alpha-Chlordane	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	25	NJ	ug/Kg	2.4	-	12	NYSED-HFW	226
alpha-Chlordane	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	6.6	J	ug/Kg	2.4	-	12	NYSED-HFW	60
alpha-Chlordane	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	18	J	ug/Kg	2.4	-	12	NYSED-HFW	163
alpha-Chlordane	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	5.7	NJ	ug/Kg	2.4	-	12	NYSED-HFW	52
alpha-Chlordane	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	22	J	ug/Kg	2.4	-	12	NYSED-HFW	199
alpha-Chlordane	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	17	J	ug/Kg	2.4	-	12	NYSED-HFW	154
alpha-Chlordane	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	25	J	ug/Kg	2.4	-	12	NYSED-HFW	226
alpha-Chlordane	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	4.3	NJ	ug/Kg	2.4	-	12	NYSED-HFW	39
alpha-Chlordane	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	22	J	ug/Kg	2.4	-	12	NYSED-HFW	199
alpha-Chlordane	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	8.6	NJ	ug/Kg	2.4	-	12	NYSED-HFW	78
alpha-Chlordane	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	4.5	NJ	ug/Kg	2.4	-	12	NYSED-HFW	41
gamma-Chlordane	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	18	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	163
gamma-Chlordane	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	22	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	199
gamma-Chlordane	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	15	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	136
gamma-Chlordane	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	2.9	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	26
gamma-Chlordane	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	1.9	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	17
gamma-Chlordane	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	5.3	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	48
gamma-Chlordane	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	16	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	145

Exceedances of Screening Criteria
Onsite Wetland Sediment Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
gamma-Chlordane	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	4.5	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	41
gamma-Chlordane	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	2.8	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	25
gamma-Chlordane	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	3.7	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	33
gamma-Chlordane	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	12	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	109
gamma-Chlordane	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	6.6	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	60
gamma-Chlordane	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	17	J	ug/Kg	2.4	-	12	NYSED-HFW,NYSED-AC-LELW,NYSED-AC-SELW	154
Aroclor-1254	WTSD-2	WTSD-02-18-24	5/17/2001	18	24	ft	130	J	ug/Kg	47	-	240	NYSED-HFW	1471
Antimony	WTSD-8	WTSD-08-18-24	5/17/2001	18	24	inch	21.6	BJ	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	11
Antimony	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	318	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	159
Antimony	WTSD-6	WTSD-06-18-24	5/18/2001	18	24	inch	19.6	B	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	10
Antimony	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	24.5		mg/Kg	0.93	-	7.6	NYSED-AC-LELW	12
Antimony	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	54.3	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	27
Antimony	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	33.3	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	17
Antimony	WTSD-1	WTSD-01-18-24	5/17/2001	18	24	ft	23.6		mg/Kg	0.93	-	7.6	NYSED-AC-LELW	12
Antimony	WTSD-2	WTSD-02-18-24	5/17/2001	18	24	ft	19.9	BJ	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	10
Antimony	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	238	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	119
Antimony	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	795	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	398
Antimony	WTSD-3	WTSD-03-18-24	5/17/2001	18	24	ft	30		mg/Kg	0.93	-	7.6	NYSED-AC-LELW	15
Antimony	WTSD-16	WTSD-16-18-24	11/7/2001	18	24	inch	11.1	B	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	6
Antimony	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	47.2	BJ	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	24
Antimony	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	3.5	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	2
Antimony	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	2.1	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	1
Antimony	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	54.2	BJ	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	27
Antimony	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	659	J	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	330
Antimony	WTSD-13	WTSD-13-18-24	11/7/2001	18	24	inch	23.5		mg/Kg	0.93	-	7.6	NYSED-AC-LELW	12
Antimony	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	124		mg/Kg	0.93	-	7.6	NYSED-AC-LELW	62
Antimony	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	20	BJ	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	10
Antimony	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	13.3	BJ	mg/Kg	0.93	-	7.6	NYSED-AC-LELW	7
Arsenic	WTSD-13	WTSD-13-18-24	11/7/2001	18	24	inch	17		mg/Kg	0	-	0	NYSED-AC-LELW	3
Arsenic	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	16.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Arsenic	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	7.6	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	16.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Arsenic	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	12.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Arsenic	WTSD-1	WTSD-01-18-24	5/17/2001	18	24	ft	6.4		mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	188	J	mg/Kg	0	-	0	NYSED-AC-LELW	31
Arsenic	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	22	J	mg/Kg	0	-	0	NYSED-AC-LELW	4
Arsenic	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	6.9	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	38.4		mg/Kg	0	-	0	NYSED-AC-LELW	6
Arsenic	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	97.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	16
Arsenic	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	7.1	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-8	WTSD-08-0-6	5/16/2001	0	6	inch	6.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	159	J	mg/Kg	0	-	0	NYSED-AC-LELW	27
Arsenic	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	10	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Arsenic	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	7.9	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	18.2		mg/Kg	0	-	0	NYSED-AC-LELW	3
Arsenic	WTSD-2	WTSD-02-0-6	5/16/2001	0	6	ft	17.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Arsenic	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	7.3	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	16.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Arsenic	WTSD-16	WTSD-16-18-24	11/7/2001	18	24	inch	10.3		mg/Kg	0	-	0	NYSED-AC-LELW	2
Arsenic	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	106	J	mg/Kg	0	-	0	NYSED-AC-LELW	18

Exceedance [redacted]ing Criteria
Onsite Wetland S[redacted]ent Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Arsenic	WTSD-6	WTSD-06-18-24	5/18/2001	18	24	inch	6.7		mg/Kg	0	-	0	NYSED-AC-LELW	1
Arsenic	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	59.8	J	mg/Kg	0	-	0	NYSED-AC-LELW	10
Arsenic	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	10.1	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	2
Arsenic	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	10.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Arsenic	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	7.7	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Cadmium	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	4.2	J	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	7
Cadmium	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	2.3	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	4
Cadmium	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	0.77	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	1
Cadmium	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	1.6	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	3
Cadmium	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	2.1	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	4
Cadmium	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	0.68	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	1
Cadmium	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	0.89	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	1
Cadmium	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	3.2	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	5
Cadmium	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	1.4	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	2
Cadmium	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	5.6	J	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	9
Cadmium	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	6.2	J	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	10
Cadmium	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	5	J	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	8
Cadmium	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	3		mg/Kg	0.11	-	1.3	NYSED-AC-LELW	5
Cadmium	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	0.94	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	2
Cadmium	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	5.6	J	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	9
Cadmium	WTSD-8	WTSD-08-18-24	5/17/2001	18	24	inch	1.4	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	2
Cadmium	WTSD-8	WTSD-08-0-6	5/16/2001	0	6	inch	3.4	J	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	6
Cadmium	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	4.4	J	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	7
Cadmium	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	1.5	BJ	mg/Kg	0.11	-	1.3	NYSED-AC-LELW	3
Chromium	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	6690	J	mg/Kg	0	-	0	NYSED-AC-LELW	257
Chromium	WTSD-8	WTSD-08-0-6	5/16/2001	0	6	inch	9170	J	mg/Kg	0	-	0	NYSED-AC-LELW	353
Chromium	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	5270	J	mg/Kg	0	-	0	NYSED-AC-LELW	203
Chromium	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	89900	J	mg/Kg	0	-	0	NYSED-AC-LELW	3458
Chromium	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	338		mg/Kg	0	-	0	NYSED-AC-LELW	13
Chromium	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	13400	J	mg/Kg	0	-	0	NYSED-AC-LELW	515
Chromium	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	21000	J	mg/Kg	0	-	0	NYSED-AC-LELW	808
Chromium	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	35500	J	mg/Kg	0	-	0	NYSED-AC-LELW	1365
Chromium	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	69400	J	mg/Kg	0	-	0	NYSED-AC-LELW	2669
Chromium	WTSD-13	WTSD-13-18-24	11/7/2001	18	24	inch	2640		mg/Kg	0	-	0	NYSED-AC-LELW	102
Chromium	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	18900	J	mg/Kg	0	-	0	NYSED-AC-LELW	727
Chromium	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	14800	J	mg/Kg	0	-	0	NYSED-AC-LELW	569
Chromium	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	6330	J	mg/Kg	0	-	0	NYSED-AC-LELW	243
Chromium	WTSD-3	WTSD-03-18-24	5/17/2001	18	24	ft	259		mg/Kg	0	-	0	NYSED-AC-LELW	10
Chromium	WTSD-2	WTSD-02-18-24	5/17/2001	18	24	ft	2170	J	mg/Kg	0	-	0	NYSED-AC-LELW	83
Chromium	WTSD-8	WTSD-08-18-24	5/17/2001	18	24	inch	1890	J	mg/Kg	0	-	0	NYSED-AC-LELW	73
Chromium	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	13700		mg/Kg	0	-	0	NYSED-AC-LELW	527
Chromium	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	27400	J	mg/Kg	0	-	0	NYSED-AC-LELW	1054
Chromium	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	26.8	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Chromium	WTSD-16	WTSD-16-18-24	11/7/2001	18	24	inch	1270		mg/Kg	0	-	0	NYSED-AC-LELW	49
Chromium	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	45.9	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Chromium	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	5060	J	mg/Kg	0	-	0	NYSED-AC-LELW	195
Chromium	WTSD-1	WTSD-01-18-24	5/17/2001	18	24	ft	37.3		mg/Kg	0	-	0	NYSED-AC-LELW	1
Chromium	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	56000	J	mg/Kg	0	-	0	NYSED-AC-LELW	2154
Chromium	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	62200	J	mg/Kg	0	-	0	NYSED-AC-LELW	2392
Chromium	WTSD-2	WTSD-02-0-6	5/16/2001	0	6	ft	7840	J	mg/Kg	0	-	0	NYSED-AC-LELW	302

Exceedances of Screening Criteria
Onsite Wetland Sediment Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Chromium	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	41.2	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Chromium	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	23500	J	mg/Kg	0	-	0	NYSED-AC-LELW	904
Chromium	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	7460	J	mg/Kg	0	-	0	NYSED-AC-LELW	287
Chromium	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	79300	J	mg/Kg	0	-	0	NYSED-AC-LELW	3050
Copper	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	42.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Copper	WTSD-8	WTSD-08-0-6	5/16/2001	0	6	inch	26.8	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-2	WTSD-02-0-6	5/16/2001	0	6	ft	17.7	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Copper	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	24.6	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	55.1	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Copper	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	51	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Copper	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	47.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Copper	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	94.9	J	mg/Kg	0	-	0	NYSED-AC-LELW	6
Copper	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	635	J	mg/Kg	0	-	0	NYSED-AC-LELW	40
Copper	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	93.7	J	mg/Kg	0	-	0	NYSED-AC-LELW	6
Copper	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	26.8	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	81.6	J	mg/Kg	0	-	0	NYSED-AC-LELW	5
Copper	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	75.8	J	mg/Kg	0	-	0	NYSED-AC-LELW	5
Copper	WTSD-8	WTSD-08-18-24	5/17/2001	18	24	inch	30.9	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	41.6	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Copper	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	42	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Copper	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	22.8	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Copper	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	24.2	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	47.6	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Copper	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	36.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	27.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-6	WTSD-06-18-24	5/18/2001	18	24	inch	18.3		mg/Kg	0	-	0	NYSED-AC-LELW	1
Copper	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	26.9	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	2
Copper	WTSD-2	WTSD-02-18-24	5/17/2001	18	24	ft	23.2	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Copper	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	21.9	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Copper	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	49.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Iron	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	88500	J	mg/Kg	0	-	0	NYSED-AC-LELW	4
Iron	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	54500	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Iron	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	20200	*J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Iron	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	39000	*	mg/Kg	0	-	0	NYSED-AC-LELW	2
Iron	WTSD-16	WTSD-16-18-24	11/7/2001	18	24	inch	25900		mg/Kg	0	-	0	NYSED-AC-LELW	1
Iron	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	91300	J	mg/Kg	0	-	0	NYSED-AC-LELW	5
Iron	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	26200	*J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Iron	WTSD-1	WTSD-01-18-24	5/17/2001	18	24	ft	27500		mg/Kg	0	-	0	NYSED-AC-LELW	1
Iron	WTSD-13	WTSD-13-18-24	11/7/2001	18	24	inch	24600		mg/Kg	0	-	0	NYSED-AC-LELW	1
Iron	WTSD-3	WTSD-03-18-24	5/17/2001	18	24	ft	23400		mg/Kg	0	-	0	NYSED-AC-LELW	1
Iron	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	58000	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Iron	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	29100	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Iron	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	37800	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Iron	WTSD-6	WTSD-06-18-24	5/18/2001	18	24	inch	28500	*	mg/Kg	0	-	0	NYSED-AC-LELW	1
Lead	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	117	J	mg/Kg	0	-	0	NYSED-AC-LELW	4
Lead	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	46.9	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Lead	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	307	J	mg/Kg	0	-	0	NYSED-AC-LELW	10
Lead	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	91.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Lead	WTSD-2	WTSD-02-0-6	5/16/2001	0	6	ft	65.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Lead	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	38.6	J	mg/Kg	0	-	0	NYSED-AC-LELW	1

Exceedance [redacted]ing Criteria
Onsite Wetland [redacted]ent Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Lead	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	218	J	mg/Kg	0	-	0	NYSED-AC-LELW	7
Lead	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	316	J	mg/Kg	0	-	0	NYSED-AC-LELW	10
Lead	WTSD-2	WTSD-02-18-24	5/17/2001	18	24	ft	41	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Lead	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	36.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Lead	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	94.4		mg/Kg	0	-	0	NYSED-AC-LELW	3
Lead	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	146	J	mg/Kg	0	-	0	NYSED-AC-LELW	5
Lead	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	289	J	mg/Kg	0	-	0	NYSED-AC-LELW	9
Lead	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	252	J	mg/Kg	0	-	0	NYSED-AC-LELW	8
Lead	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	77.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Lead	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	223	J	mg/Kg	0	-	0	NYSED-AC-LELW	7
Lead	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	251	J	mg/Kg	0	-	0	NYSED-AC-LELW	8
Lead	WTSD-8	WTSD-08-18-24	5/17/2001	18	24	inch	40.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Lead	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	51.2	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Lead	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	173	J	mg/Kg	0	-	0	NYSED-AC-LELW	6
Lead	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	65.5	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Lead	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	208	J	mg/Kg	0	-	0	NYSED-AC-LELW	7
Lead	WTSD-8	WTSD-08-0-6	5/16/2001	0	6	inch	114	J	mg/Kg	0	-	0	NYSED-AC-LELW	4
Lead	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	200	J	mg/Kg	0	-	0	NYSED-AC-LELW	6
Lead	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	47.2	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Lead	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	196	J	mg/Kg	0	-	0	NYSED-AC-LELW	6
Manganese	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	1070	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Manganese	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	556	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Manganese	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	5860	J	mg/Kg	0	-	0	NYSED-AC-LELW	13
Manganese	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	5880	J	mg/Kg	0	-	0	NYSED-AC-LELW	13
Manganese	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	809	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Manganese	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	1320	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Manganese	WTSD-13	WTSD-13-18-24	11/7/2001	18	24	inch	606		mg/Kg	0	-	0	NYSED-AC-LELW	1
Manganese	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	1340	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Manganese	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	1560	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Manganese	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	856		mg/Kg	0	-	0	NYSED-AC-LELW	2
Mercury	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	0.21	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	0.52	BJ	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	3
Mercury	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	0.2	BJ	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	0.77	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	5
Mercury	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	0.82	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	5
Mercury	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	0.21	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-3	WTSD-03-18-24	5/17/2001	18	24	ft	0.2	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	0.52	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	3
Mercury	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	0.66	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	4
Mercury	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	0.26	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	2
Mercury	WTSD-2	WTSD-02-0-6	5/16/2001	0	6	ft	0.49	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	3
Mercury	WTSD-2	WTSD-02-18-24	5/17/2001	18	24	ft	0.35	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	2
Mercury	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	0.35	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	2
Mercury	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	0.73	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	5
Mercury	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	0.18		mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	0.59	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	4
Mercury	WTSD-1	WTSD-01-18-24	5/17/2001	18	24	ft	0.2	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-6	WTSD-06-18-24	5/18/2001	18	24	inch	0.19		mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	0.3	BJ	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	2
Mercury	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	0.8	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	5

Exceedances of Screening Criteria
Onsite Wetland Sediment Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Mercury	WTSD-8	WTSD-08-18-24	5/17/2001	18	24	inch	0.38	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	3
Mercury	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	0.24	BJ	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	2
Mercury	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	0.46	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	3
Mercury	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	0.19	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	1
Mercury	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	0.77	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	5
Mercury	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	0.27	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	2
Mercury	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	0.34	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	2
Mercury	WTSD-8	WTSD-08-0-6	5/16/2001	0	6	inch	0.41	J	mg/Kg	0.07	-	0.38	NYSED-AC-LELW	3
Nickel	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	17.1	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	17	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	19.5	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-3	WTSD-03-18-24	5/17/2001	18	24	ft	22.1		mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	20.4	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-2	WTSD-02-18-24	5/17/2001	18	24	ft	25.4	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Nickel	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	25.5	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	2
Nickel	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	20.6	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-16	WTSD-16-18-24	11/7/2001	18	24	inch	17.7		mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-15	WTSD-15-18-24	11/7/2001	18	24	inch	18.2	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-1	WTSD-01-18-24	5/17/2001	18	24	ft	26.1		mg/Kg	0	-	0	NYSED-AC-LELW	2
Nickel	WTSD-13	WTSD-13-18-24	11/7/2001	18	24	inch	21.8		mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	18.6	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-8	WTSD-08-18-24	5/17/2001	18	24	inch	16.8	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	16.9		mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-7	WTSD-07-18-24	5/17/2001	18	24	inch	37.3	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Nickel	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	17.3	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-2	WTSD-02-0-6	5/16/2001	0	6	ft	16.5	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Nickel	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	17	BJ	mg/Kg	0	-	0	NYSED-AC-LELW	1
Silver	WTSD-6	WTSD-06-0-6	5/18/2001	0	6	inch	2.7	BJ	mg/Kg	0.26	-	3.8	NYSED-AC-LELW	3
Silver	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	1.3	J	mg/Kg	0.26	-	3.8	NYSED-AC-LELW	1
Silver	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	1.6	BJ	mg/Kg	0.26	-	3.8	NYSED-AC-LELW	2
Zinc	WTSD-10	WTSD-10-18-24-DUP	5/18/2001	18	24	inch	156	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Zinc	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	378	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Zinc	WTSD-2	WTSD-02-0-6	5/16/2001	0	6	ft	230	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Zinc	WTSD-4	WTSD-04-0-6	11/5/2001	0	6	inch	536	J	mg/Kg	0	-	0	NYSED-AC-LELW	4
Zinc	WTSD-10	WTSD-10-18-24	5/18/2001	18	24	inch	164	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Zinc	WTSD-1	WTSD-01-0-6	5/16/2001	0	6	ft	1190	J	mg/Kg	0	-	0	NYSED-AC-LELW	10
Zinc	WTSD-9	WTSD-09-0-6	5/18/2001	0	6	inch	349	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Zinc	WTSD-4	WTSD-04-18-24	5/17/2001	18	24	inch	219	J	mg/Kg	0	-	0	NYSED-AC-LELW	2
Zinc	WTSD-10	WTSD-10-0-6	5/18/2001	0	6	inch	338	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Zinc	WTSD-9	WTSD-09-18-24	5/18/2001	18	24	inch	135		mg/Kg	0	-	0	NYSED-AC-LELW	1
Zinc	WTSD-3	WTSD-03-0-6	5/16/2001	0	6	ft	144	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Zinc	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	552	J	mg/Kg	0	-	0	NYSED-AC-LELW	5
Zinc	WTSD-7	WTSD-07-0-6	5/17/2001	0	6	inch	142	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Zinc	WTSD-5	WTSD-05-18-24	5/17/2001	18	24	inch	132	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Zinc	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	365	J	mg/Kg	0	-	0	NYSED-AC-LELW	3
Zinc	WTSD-4	WTSD-04-0-6-DUP	11/5/2001	0	6	inch	527	J	mg/Kg	0	-	0	NYSED-AC-LELW	4
Zinc	WTSD-5	WTSD-05-0-6	5/16/2001	0	6	inch	150	J	mg/Kg	0	-	0	NYSED-AC-LELW	1
Chromium (Hexavalent Compounds)	WTSD-16	WTSD-16-0-6	11/7/2001	0	6	inch	80	J	mg/Kg	5	-	500	NYSED-AC-LELW	3
Chromium (Hexavalent Compounds)	WTSD-14	WTSD-14-18-24	11/7/2001	18	24	inch	27	J	mg/Kg	5	-	500	NYSED-AC-LELW	1
Chromium (Hexavalent Compounds)	WTSD-14	WTSD-14-0-6	11/7/2001	0	6	inch	28	J	mg/Kg	5	-	500	NYSED-AC-LELW	1

Exceedances of Screening Criteria
Onsite Wetland Sediment Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Chromium (Hexavalent Compounds)	WTSD-13	WTSD-13-0-6	11/7/2001	0	6	inch	60	J	mg/Kg	5	-	500	NYSED-AC-LELW	2
Chromium (Hexavalent Compounds)	WTSD-17	WTSD-17-0-6	11/7/2001	0	6	inch	160	J	mg/Kg	5	-	500	NYSED-AC-LELW	6
Chromium (Hexavalent Compounds)	WTSD-17	WTSD-17-18-24	11/7/2001	18	24	inch	120	J	mg/Kg	5	-	500	NYSED-AC-LELW	5
Chromium (Hexavalent Compounds)	WTSD-15	WTSD-15-0-6	11/7/2001	0	6	inch	61	J	mg/Kg	5	-	500	NYSED-AC-LELW	2

Unadilla River Sediment, Surface Water, and Forage Fish Sample Exceedance Tables

Exceedances of [redacted]g Criteria
Unadilla River Sed[redacted] Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
4-Methylphenol	URSD-4	URSD-4	5/14/2001	0	6	inch	79	J	ug/Kg	430	-	830	NYSED-AC-LELR,NYSED-AC-SELR	7
Benzo(a)anthracene	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	450	J	ug/Kg	460	-	520	NYSED-HFW	3
Benzo(a)anthracene	URSD-6	URSD-6	5/15/2001	0	6	inch	250	J	ug/Kg	460	-	520	NYSED-HFW	2
Benzo(a)anthracene	URSD-2	URSD-2	5/15/2001	0	6	inch	450	J	ug/Kg	460	-	520	NYSED-HFW	3
Chrysene	URSD-6	URSD-6	5/15/2001	0	6	inch	330	J	ug/Kg	460	-	520	NYSED-HFW	2
Chrysene	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	540		ug/Kg	460	-	520	NYSED-HFW	4
Chrysene	URSD-5	URSD-5	5/14/2001	0	6	inch	150	J	ug/Kg	460	-	520	NYSED-HFW	1
Chrysene	URSD-4	URSD-4	5/14/2001	0	6	inch	160	J	ug/Kg	460	-	520	NYSED-HFW	1
Chrysene	URSD-2	URSD-2	5/15/2001	0	6	inch	540		ug/Kg	460	-	520	NYSED-HFW	4
Chrysene	URSD-3	URSD-3	5/14/2001	0	6	inch	160	J	ug/Kg	460	-	520	NYSED-HFW	1
Benzo(b)fluoranthene	URSD-6	URSD-6	5/15/2001	0	6	inch	460	J	ug/Kg	460	-	520	NYSED-HFW	3
Benzo(b)fluoranthene	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	760	J	ug/Kg	460	-	520	NYSED-HFW	5
Benzo(b)fluoranthene	URSD-10	URSD-10	11/6/2001	0	6	inch	150	J	ug/Kg	460	-	520	NYSED-HFW	1
Benzo(b)fluoranthene	URSD-3	URSD-3	5/14/2001	0	6	inch	210	J	ug/Kg	460	-	520	NYSED-HFW	1
Benzo(b)fluoranthene	URSD-2	URSD-2	5/15/2001	0	6	inch	650	J	ug/Kg	460	-	520	NYSED-HFW	5
Benzo(b)fluoranthene	URSD-4	URSD-4	5/14/2001	0	6	inch	200	J	ug/Kg	460	-	520	NYSED-HFW	1
Benzo(k)fluoranthene	URSD-5	URSD-5	5/14/2001	0	6	inch	150	J	ug/Kg	430	-	540	NYSED-HFW	1
Benzo(a)pyrene	URSD-3	URSD-3	5/14/2001	0	6	inch	150	J	ug/Kg	460	-	520	NYSED-HFW	1
Benzo(a)pyrene	URSD-6	URSD-6	5/15/2001	0	6	inch	300	J	ug/Kg	460	-	520	NYSED-HFW	2
Benzo(a)pyrene	URSD-2	URSD-2	5/15/2001	0	6	inch	460	J	ug/Kg	460	-	520	NYSED-HFW	3
Benzo(a)pyrene	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	520		ug/Kg	460	-	520	NYSED-HFW	4
Indeno(1,2,3-cd)pyrene	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	280	J	ug/Kg	460	-	830	NYSED-HFW	2
Indeno(1,2,3-cd)pyrene	URSD-2	URSD-2	5/15/2001	0	6	inch	240	J	ug/Kg	460	-	830	NYSED-HFW	2
Indeno(1,2,3-cd)pyrene	URSD-6	URSD-6	5/15/2001	0	6	inch	170	J	ug/Kg	460	-	830	NYSED-HFW	1
beta-BHC	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	11		ug/Kg	2.2	-	2.7	NYSED-HFW,NYSED-AC-LELR,NYSE	8
beta-BHC	URSD-6	URSD-6	5/15/2001	0	6	inch	5.3	NJ	ug/Kg	2.2	-	2.7	NYSED-HFW,NYSED-AC-LELR,NYSE	4
beta-BHC	URSD-5	URSD-5	5/14/2001	0	6	inch	4.3	J	ug/Kg	2.2	-	2.7	NYSED-HFW,NYSED-AC-LELR,NYSE	3
Endosulfan I	URSD-2	URSD-2	5/15/2001	0	6	inch	0.71	J	ug/Kg	2.2	-	4.3	,NYSED-AC-LELR,NYSED-AC-SELR	1
gamma-Chlordane	URSD-6	URSD-6	5/15/2001	0	6	inch	1.1	J	ug/Kg	2.2	-	4.3	NYSED-HFW,NYSED-AC-LELR,NYSE	48
gamma-Chlordane	URSD-9	URSD-9	11/6/2001	0	6	inch	5.6	J	ug/Kg	2.2	-	4.3	NYSED-HFW,NYSED-AC-LELR,NYSE	245
Antimony	URSD-2	URSD-2	5/15/2001	0	6	inch	5.6	B	mg/Kg	0.66	-	0.8	,NYSED-AC-LELR	3
Antimony	URSD-5	URSD-5	5/14/2001	0	6	inch	15	BJ	mg/Kg	0.66	-	0.8	,NYSED-AC-LELR	8
Antimony	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	8.1	B	mg/Kg	0.66	-	0.8	,NYSED-AC-LELR	4
Antimony	URSD-4	URSD-4	5/14/2001	0	6	inch	5.7	B	mg/Kg	0.66	-	0.8	,NYSED-AC-LELR	3
Antimony	URSD-3	URSD-3	5/14/2001	0	6	inch	6.3	B	mg/Kg	0.66	-	0.8	,NYSED-AC-LELR	3
Antimony	URSD-6	URSD-6	5/15/2001	0	6	inch	14.7	B	mg/Kg	0.66	-	0.8	,NYSED-AC-LELR	7
Arsenic	URSD-5	URSD-5	5/14/2001	0	6	inch	7.2	J	mg/Kg	0.54	-	0.54	,NYSED-AC-LELR	1
Chromium	URSD-10	URSD-10	11/6/2001	0	6	inch	30.4		mg/Kg	0	-	0	,NYSED-AC-LELR	1
Chromium	URSD-6	URSD-6	5/15/2001	0	6	inch	136		mg/Kg	0	-	0	,NYSED-AC-LELR	5
Chromium	URSD-9	URSD-9	11/6/2001	0	6	inch	140		mg/Kg	0	-	0	,NYSED-AC-LELR	5

Exceedances of Screening Criteria
Unadilla River Sediment Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Chromium	URSD-2	URSD-2	5/15/2001	0	6	inch	1670		mg/Kg	0 - 0	,NYSED-AC-LELR	64
Chromium	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	1340		mg/Kg	0 - 0	,NYSED-AC-LELR	52
Chromium	URSD-4	URSD-4	5/14/2001	0	6	inch	39.2		mg/Kg	0 - 0	,NYSED-AC-LELR	2
Chromium	URSD-5	URSD-5	5/14/2001	0	6	inch	45.5	J	mg/Kg	0 - 0	,NYSED-AC-LELR	2
Copper	URSD-6	URSD-6	5/15/2001	0	6	inch	17.6		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Copper	URSD-2	URSD-2	5/15/2001	0	6	inch	21.8		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Copper	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	22.7		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Iron	URSD-6	URSD-6	5/15/2001	0	6	inch	20200		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Lead	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	53.1		mg/Kg	0 - 0	,NYSED-AC-LELR	2
Lead	URSD-2	URSD-2	5/15/2001	0	6	inch	46.2		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Lead	URSD-6	URSD-6	5/15/2001	0	6	inch	58.3		mg/Kg	0 - 0	,NYSED-AC-LELR	2
Manganese	URSD-5	URSD-5	5/14/2001	0	6	inch	559	J	mg/Kg	0 - 0	,NYSED-AC-LELR	1
Mercury	URSD-6	URSD-6	5/15/2001	0	6	inch	0.25	J	mg/Kg	0.07 - 0.09	,NYSED-AC-LELR	2
Mercury	URSD-5	URSD-5	5/14/2001	0	6	inch	0.25	BJ	mg/Kg	0.07 - 0.09	,NYSED-AC-LELR	2
Mercury	URSD-2	URSD-2	5/15/2001	0	6	inch	0.23	J	mg/Kg	0.07 - 0.09	,NYSED-AC-LELR	2
Mercury	URSD-2	URSD-2-DUP	5/15/2001	0	6	inch	0.17	J	mg/Kg	0.07 - 0.09	,NYSED-AC-LELR	1
Nickel	URSD-8	URSD-8	11/6/2001	0	6	inch	17.1		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Nickel	URSD-7	URSD-7	11/6/2001	0	6	inch	18.8		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Nickel	URSD-7	URSD-8-DUP	11/6/2001	0	6	inch	17.7		mg/Kg	0 - 0	,NYSED-AC-LELR	1
Nickel	URSD-5	URSD-5	5/14/2001	0	6	inch	16.5	BJ	mg/Kg	0 - 0	,NYSED-AC-LELR	1

Exceedances [redacted]aning Criteria
Unadilla RiverSur[redacted] Water Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Tetrachloroethene	URSW-10	URSW-10	11/6/2001				6	J	ug/L	10 - 10	EPASW-HHORG,NYSW-C-HFC	6
bis(2-Ethylhexyl)phthalate	URSW-2	URSW-2	5/15/2001				3	J	ug/l	10 - 10	EPASW-HHORG,NYSW-C-AC	5
Aluminum	URSW-7	URSW-7	11/6/2001				133	B	ug/L	12 - 12	,EPASW-AFRESHCC	2
Aluminum	URSW-8	URSW-8	11/6/2001				109	B	ug/L	12 - 12	,EPASW-AFRESHCC	1
Aluminum	URSW-8	URSW-8-DUP	11/6/2001				103	B	ug/L	12 - 12	,EPASW-AFRESHCC	1
Aluminum	URSW-10	URSW-10	11/6/2001				150	B	ug/L	12 - 12	,EPASW-AFRESHCC	2
Aluminum	URSW-9	URSW-9	11/6/2001				119	B	ug/L	12 - 12	,EPASW-AFRESHCC	1

Exceedances of Screening Criteria
Unadilla River Forage Fish Tissue Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit	Minimum	Exceed Quotient
Methylene Chloride	URFF-5	URFF-5-B	11/13/2001				850	J	UG/KG	0 - 0	USEPA-FISH	2
Methylene Chloride	URFF-2	URFF-2-A	11/13/2001				880	J	UG/KG	0 - 0	USEPA-FISH	2
Methylene Chloride	URFF-2	URFF-2-B	11/14/2001				420	J	UG/KG	0 - 0	USEPA-FISH	1
Methylene Chloride	URFF-4	URFF-4-B	11/14/2001				420		UG/KG	0 - 0	USEPA-FISH	1
Methylene Chloride	URFF-3	URFF-3-B	11/14/2001				900	J	UG/KG	0 - 0	USEPA-FISH	2
Benzene	URFF-4	URFF-4-B	11/14/2001				62		UG/KG	330 - 1000	USEPA-FISH	1
Aldrin	URFF-5	URFF-5-A	11/13/2001				7.6	J	UG/KG	4.8 - 10	USEPA-FISH	40
Aldrin	URFF-4	URFF-4-A	11/14/2001				5.7	JN	UG/KG	4.8 - 10	USEPA-FISH	30
Heptachlor epoxide	URFF-3	URFF-3-A	11/14/2001				5.5	J	UG/KG	4.8 - 10	USEPA-FISH	18

Groundwater Sample Exceedance Tables

Exceedances of Sc[redacted]g Criteria
Shallow Monitoring Well Samples
Field Activity 1
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
bis(2-Ethylhexyl)phthalate	MW-13S	MW-13S	5/22/2001				48		ug/L	10	-	11	EPAPDW-MCL,NYSDEC-GW-GA	10
Chromium	MW-8S	MW-8S	5/22/2001				469		ug/L	2	-	2	EPAPDW-MCL,NYSDEC-GW-GA	9
Chromium	MW-5S	MW-5S-DUP	5/23/2001				196	J	ug/L	2	-	2	EPAPDW-MCL,NYSDEC-GW-GA	4
Chromium	MW-6S	MW-6S	5/24/2001				88.2		ug/L	2	-	2	EPAPDW-MCL,NYSDEC-GW-GA	2
Chromium	MW-5S	MW-5S	5/23/2001				610	J	ug/L	2	-	2	EPAPDW-MCL,NYSDEC-GW-GA	12
Iron	MW-8S	MW-8S	5/22/2001				3230	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	11
Iron	MW-4S	MW-4S	5/23/2001				386	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	1
Iron	MW-2S	MW-2S	5/22/2001				627	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	2
Iron	MW-5S	MW-5S	5/23/2001				10100	*J	ug/L	0	-	0	,NYSDOH-DW-MCLS	34
Iron	MW-14S	MW-14S	5/23/2001				1260	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	4
Iron	MW-12S	MW-12S	5/22/2001				4770	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	16
Iron	MW-11S	MW-11S	5/23/2001				2210	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	7
Iron	MW-5S	MW-5S-DUP	5/23/2001				5340	*J	ug/L	0	-	0	,NYSDOH-DW-MCLS	18
Iron	MW-3S	MW-3S	5/23/2001				349	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	1
Iron	MW-10S	MW-10S	5/21/2001				900		ug/L	0	-	0	,NYSDOH-DW-MCLS	3
Iron	MW-13S	MW-13S	5/22/2001				5900	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	20
Iron	MW-7S	MW-7S	5/24/2001				737	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	2
Iron	MW-6S	MW-6S	5/24/2001				2640		ug/L	0	-	0	,NYSDOH-DW-MCLS	9
Magnesium	MW-8S	MW-8S	5/22/2001				62200		ug/L	0	-	0	,NYSDEC-GW-GA	2
Manganese	MW-5S	MW-5S-DUP	5/23/2001				1350		ug/L	0	-	0	,NYSDOH-DW-MCLS	5
Manganese	MW-5S	MW-5S	5/23/2001				1550		ug/L	0	-	0	,NYSDOH-DW-MCLS	5
Manganese	MW-13S	MW-13S	5/22/2001				1150		ug/L	0	-	0	,NYSDOH-DW-MCLS	4
Manganese	MW-14S	MW-14S	5/23/2001				1180		ug/L	0	-	0	,NYSDOH-DW-MCLS	4
Manganese	MW-15S	MW-15S	5/22/2001				369		ug/L	0	-	0	,NYSDOH-DW-MCLS	1
Manganese	MW-12S	MW-12S	5/22/2001				367		ug/L	0	-	0	,NYSDOH-DW-MCLS	1
Manganese	MW-11S	MW-11S	5/23/2001				480		ug/L	0	-	0	,NYSDOH-DW-MCLS	2
Manganese	MW-6S	MW-6S	5/24/2001				511		ug/L	0	-	0	,NYSDOH-DW-MCLS	2
Manganese	MW-10S	MW-10S	5/21/2001				1150		ug/L	0	-	0	,NYSDOH-DW-MCLS	4
Nickel	MW-2S	MW-2S	5/22/2001				111		ug/L	1	-	1	,NYSDEC-GW-GA	1
Nickel	MW-5S	MW-5S-DUP	5/23/2001				244	J	ug/L	1	-	1	,NYSDEC-GW-GA	2
Nickel	MW-8S	MW-8S	5/22/2001				477		ug/L	1	-	1	,NYSDEC-GW-GA	5
Nickel	MW-5S	MW-5S	5/23/2001				450	J	ug/L	1	-	1	,NYSDEC-GW-GA	5
Nickel	MW-14S	MW-14S	5/23/2001				164		ug/L	1	-	1	,NYSDEC-GW-GA	2
Nickel	MW-7S	MW-7S	5/24/2001				120		ug/L	1	-	1	,NYSDEC-GW-GA	1
Nickel	MW-13S	MW-13S	5/22/2001				123		ug/L	1	-	1	,NYSDEC-GW-GA	1
Sodium	MW-14S	MW-14S	5/23/2001				60200		ug/L	0	-	0	,NYSDEC-GW-GA	3
Sodium	MW-3S	MW-3S	5/23/2001				51600		ug/L	0	-	0	,NYSDEC-GW-GA	3
Sodium	MW-2S	MW-2S	5/22/2001				22000		ug/L	0	-	0	,NYSDEC-GW-GA	1
Sodium	MW-13S	MW-13S	5/22/2001				50300		ug/L	0	-	0	,NYSDEC-GW-GA	3
Sodium	MW-12S	MW-12S	5/22/2001				47300		ug/L	0	-	0	,NYSDEC-GW-GA	2
Sodium	MW-8S	MW-8S	5/22/2001				46000		ug/L	0	-	0	,NYSDEC-GW-GA	2
Thallium	MW-3S	MW-3S	5/23/2001				3.5	B	ug/L	3	-	5	EPAPDW-MCL,NYSDEC-GW-GA	7
Thallium	MW-7S	MW-7S	5/24/2001				3.3	B	ug/L	3	-	5	EPAPDW-MCL,NYSDEC-GW-GA	7

Exceedances of Screening Criteria
Shallow Monitoring Well Samples
Field Activity 1
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Thallium	MW-8S	MW-8S	5/22/2001				3.9	B	ug/L	3	-	5	EPAPDW-MCL,NYSDEC-GW-GA	8
Thallium	MW-12S	MW-12S	5/22/2001				3.3	B	ug/L	3	-	5	EPAPDW-MCL,NYSDEC-GW-GA	7
Zinc	MW-10S	MW-10S	5/21/2001				5.9	B	ug/L	2	-	2	,NYSDEC-GW-GA,NYSDOH-DW-M	1
Zinc	MW-5S	MW-5S	5/23/2001				19.6	B	ug/L	2	-	2	,NYSDEC-GW-GA,NYSDOH-DW-M	4
Zinc	MW-5S	MW-5S-DUP	5/23/2001				6.3	B	ug/L	2	-	2	,NYSDEC-GW-GA,NYSDOH-DW-M	1
Zinc	MW-14S	MW-14S	5/23/2001				8.4	B	ug/L	2	-	2	,NYSDEC-GW-GA,NYSDOH-DW-M	2
Zinc	MW-12S	MW-12S	5/22/2001				7.5	B	ug/L	2	-	2	,NYSDEC-GW-GA,NYSDOH-DW-M	2

Exceedances of S[illegible]ng Criteria
Shallow Monitoring Wells Samples
Field Activity 2
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
bis(2-Ethylhexyl)phthalate	MW-8S	MW-8S-R2	5/21/2002				140	D	ug/L	10	-	10	EPAPDW-MCL,NYSDEC-GW-GA	28
bis(2-Ethylhexyl)phthalate	MW-5S	MW-5S-R2	5/16/2002				6	J	ug/L	10	-	10	EPAPDW-MCL,NYSDEC-GW-GA	1
Iron	MW-11S	MW-11S-R2	5/14/2002				2300		ug/L	17	-	17	,NYSDOH-DW-MCLS	8
Iron	MW-6S	MW-6S-R2	5/16/2002				1290		ug/L	17	-	17	,NYSDOH-DW-MCLS	4
Iron	MW-3S	MW-3S-R2	5/15/2002				684		ug/L	17	-	17	,NYSDOH-DW-MCLS	2
Iron	RMW-17S	RMW-17S-R1	5/21/2002				412		ug/L	17	-	17	,NYSDOH-DW-MCLS	1
Iron	MW-13S	MW-13S-R2	5/14/2002				3500		ug/L	17	-	17	,NYSDOH-DW-MCLS	12
Iron	MW-9S	MW-9S-R2	5/15/2002				1000		ug/L	17	-	17	,NYSDOH-DW-MCLS	3
Iron	MW-12S	MW-12S-R2	5/15/2002				8710		ug/L	17	-	17	,NYSDOH-DW-MCLS	29
Iron	MW-15S	MW-15S-R2	5/15/2002				342		ug/L	17	-	17	,NYSDOH-DW-MCLS	1
Iron	MW-14S	MW-14S-R2	5/14/2002				1100		ug/L	17	-	17	,NYSDOH-DW-MCLS	4
Iron	MW-5S	MW-5S-R2	5/16/2002				2190		ug/L	17	-	17	,NYSDOH-DW-MCLS	7
Iron	MW-10S	MW-10S-R2	5/15/2002				1460		ug/L	17	-	17	,NYSDOH-DW-MCLS	5
Magnesium	MW-8S	MW-8S-R2	5/21/2002				38700		ug/L	0	-	0	,NYSDEC-GW-GA	1
Magnesium	RMW-17S	RMW-17S-R1	5/21/2002				137000		ug/L	0	-	0	,NYSDEC-GW-GA	4
Manganese	MW-4S	MW-4S-R2	5/16/2002				446		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	1
Manganese	MW-5S	MW-5S-R2	5/16/2002				870		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	3
Manganese	RMW-17S	RMW-17S-R1	5/21/2002				1000		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	3
Manganese	MW-13S	MW-13S-R2	5/14/2002				734		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	2
Manganese	MW-10S	MW-10S-R2	5/15/2002				1250		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	4
Manganese	MW-3S	MW-3S-R2	5/15/2002				325		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	1
Manganese	MW-11S	MW-11S-R2	5/14/2002				513		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	2
Manganese	MW-15S	MW-15S-R2	5/15/2002				735		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	2
Manganese	MW-14S	MW-14S-R2	5/14/2002				1960		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	7
Manganese	MW-12S	MW-12S-R2	5/15/2002				390		ug/L	0.4	-	0.4	,NYSDOH-DW-MCLS	1
Sodium	MW-15S	MW-15S-R2	5/15/2002				20700		ug/L	0	-	0	,NYSDEC-GW-GA	1
Sodium	MW-14S	MW-14S-R2	5/14/2002				69900		ug/L	0	-	0	,NYSDEC-GW-GA	3
Sodium	MW-13S	MW-13S-R2	5/14/2002				44600		ug/L	0	-	0	,NYSDEC-GW-GA	2
Sodium	MW-2S	MW-2S-R2	5/16/2002				24000		ug/L	0	-	0	,NYSDEC-GW-GA	1
Sodium	MW-3S	MW-3S-R2	5/15/2002				48600		ug/L	0	-	0	,NYSDEC-GW-GA	2
Sodium	MW-12S	MW-12S-R2	5/15/2002				35300		ug/L	0	-	0	,NYSDEC-GW-GA	2
Sodium	MW-8S	MW-8S-R2	5/21/2002				20700		ug/L	0	-	0	,NYSDEC-GW-GA	1
Sodium	RMW-17S	RMW-17S-R1	5/21/2002				86100		ug/L	0	-	0	,NYSDEC-GW-GA	4
Thallium	MW-12S	MW-12S-R2	5/15/2002				4	B	ug/L	3.5	-	3.5	EPAPDW-MCL,NYSDEC-GW-GA	8
Thallium	MW-15S	MW-15S-R2	5/15/2002				6	B	ug/L	3.5	-	3.5	EPAPDW-MCL,NYSDEC-GW-GA	12
Thallium	MW-14S	MW-14S-R2	5/14/2002				4	B	ug/L	3.5	-	3.5	EPAPDW-MCL,NYSDEC-GW-GA	8
Thallium	MW-13S	MW-13S-R2	5/14/2002				5.1	B	ug/L	3.5	-	3.5	EPAPDW-MCL,NYSDEC-GW-GA	10
Zinc	MW-12S	MW-12S-R2	5/15/2002				57.7		ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-M	12
Zinc	MW-6S	MW-6S-R2	5/16/2002				5.6	B	ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-M	1
Zinc	MW-9S	MW-9S-R2	5/15/2002				5.4	B	ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-M	1
Zinc	MW-14S	MW-14S-R2	5/14/2002				29		ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-M	6

Exceedances of Screening Criteria
Deep Monitoring Wells
Field Activity 1
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Units	Range of Detection			Minimum	Exceed Quotient
Antimony	MW-13D	MW-13D	5/21/2001				6.9	B	ug/L	2	-	6	EPAPDW-MCL,NYSDEC-GW-GA	2
Antimony	MW-4D	MW-4D	5/23/2001				4.9	B	ug/L	2	-	6	EPAPDW-MCL,NYSDEC-GW-GA	2
Antimony	MW-5D	MW-5D	5/23/2001				3.3	B	ug/L	2	-	6	EPAPDW-MCL,NYSDEC-GW-GA	1
Arsenic	MW-11D	MW-11D	11/8/2001				12.5		ug/L	2	-	3	EPAPDW-MCL	1
Arsenic	MW-11D	MW-11D-DUP	11/8/2001				12.3		ug/L	2	-	3	EPAPDW-MCL	1
Chromium	MW-11D	MW-11D-DUP	11/8/2001				304	J	ug/L	2	-	2	EPAPDW-MCL,NYSDEC-GW-GA	6
Chromium	MW-11D	MW-11D	11/8/2001				238	J	ug/L	2	-	2	EPAPDW-MCL,NYSDEC-GW-GA	5
Iron	MW-10D	MW-10D-DUP	5/21/2001				756		ug/L	0	-	0	,NYSDOH-DW-MCLS	3
Iron	MW-4D	MW-4D	5/23/2001				3400	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	11
Iron	MW-11D	MW-11D-DUP	11/8/2001				41200	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	137
Iron	MW-10D	MW-10D	5/22/2001				847		ug/L	0	-	0	,NYSDOH-DW-MCLS	3
Iron	MW-11D	MW-11D	11/8/2001				37000	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	123
Iron	MW-13D	MW-13D	5/21/2001				5270		ug/L	0	-	0	,NYSDOH-DW-MCLS	18
Iron	MW-5D	MW-5D	5/23/2001				3500	*	ug/L	0	-	0	,NYSDOH-DW-MCLS	12
Lead	MW-11D	MW-11D-DUP	11/8/2001				19.5		ug/L	1	-	2	EPAPDW-MCL,NYSDOH-DW-MCLS	1
Lead	MW-11D	MW-11D	11/8/2001				18.2		ug/L	1	-	2	EPAPDW-MCL,NYSDOH-DW-MCLS	1
Magnesium	MW-11D	MW-11D	11/8/2001				37600	J	ug/L	0	-	0	,NYSDEC-GW-GA	1
Magnesium	MW-11D	MW-11D-DUP	11/8/2001				40500	J	ug/L	0	-	0	,NYSDEC-GW-GA	1
Manganese	MW-11D	MW-11D	11/8/2001				698	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	2
Manganese	MW-11D	MW-11D-DUP	11/8/2001				799	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	3
Thallium	MW-4D	MW-4D	5/23/2001				4.2	B	ug/L	3	-	5	EPAPDW-MCL,NYSDEC-GW-GA	8
Thallium	MW-5D	MW-5D	5/23/2001				3	B	ug/L	3	-	5	EPAPDW-MCL,NYSDEC-GW-GA	6
Thallium	MW-13D	MW-13D	5/21/2001				5.4	B	ug/L	3	-	5	EPAPDW-MCL,NYSDEC-GW-GA	11
Zinc	MW-10D	MW-10D-DUP	5/21/2001				5.1	B	ug/L	1	-	2	,NYSDEC-GW-GA,NYSDOH-DW-MCL	1
Zinc	MW-5D	MW-5D	5/23/2001				5.4	B	ug/L	1	-	2	,NYSDEC-GW-GA,NYSDOH-DW-MCL	1
Zinc	MW-11D	MW-11D-DUP	11/8/2001				126	J	ug/L	1	-	2	,NYSDEC-GW-GA,NYSDOH-DW-MCL	25
Zinc	MW-13D	MW-13D	5/21/2001				18.7	B	ug/L	1	-	2	,NYSDEC-GW-GA,NYSDOH-DW-MCL	4
Zinc	MW-11D	MW-11D	11/8/2001				104	J	ug/L	1	-	2	,NYSDEC-GW-GA,NYSDOH-DW-MCL	21
Zinc	MW-4D	MW-4D	5/23/2001				7.9	B	ug/L	1	-	2	,NYSDEC-GW-GA,NYSDOH-DW-MCL	2

Exceedances of S[redacted]ng Criteria
Deep Monitoring Wells
Field Activity 2
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Arsenic	RMW-9D	RMW-9D-R1	5/21/2002				48.2	J	ug/L	3	-	3	EPAPDW-MCL	5
Arsenic	MW-13D	MW-13D-R2	5/14/2002				184	J	ug/L	3	-	3	EPAPDW-MCL	18
Beryllium	MW-13D	MW-13D-R2	5/14/2002				9.7	J	ug/L	0.3	-	0.3	EPAPDW-MCL,NYSDEC-GW-GA	3
Beryllium	RMW-9D	RMW-9D-R1	5/21/2002				3.5	BJ	ug/L	0.3	-	0.3	EPAPDW-MCL,NYSDEC-GW-GA	1
Chromium	RMW-9D	RMW-9D-R1	5/21/2002				139	J	ug/L	0.8	-	0.8	EPAPDW-MCL,NYSDEC-GW-GA	3
Chromium	MW-13D	MW-13D-R2	5/14/2002				185	J	ug/L	0.8	-	0.8	EPAPDW-MCL,NYSDEC-GW-GA	4
Copper	MW-13D	MW-13D-R2	5/14/2002				452	J	ug/L	1.4	-	1.4	EPAPDW-MCL,NYSDEC-GW-GA	2
Iron	MW-6D	MW-6D-R2	5/16/2002				1390		ug/L	0	-	0	,NYSDOH-DW-MCLS	5
Iron	RMW-18D	RMW-18D-R1	5/23/2002				1830	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	6
Iron	MW-13D	MW-13D-R2	5/14/2002				293000	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	977
Iron	RMW-9D	RMW-9D-R1	5/21/2002				100000	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	333
Iron	MW-5D	MW-5D-R2	5/15/2002				4830		ug/L	0	-	0	,NYSDOH-DW-MCLS	16
Iron	MW-4D	MW-4D-R2	5/22/2002				12400		ug/L	0	-	0	,NYSDOH-DW-MCLS	41
Iron	MW-10D	MW-10D-R2	5/15/2002				2180		ug/L	0	-	0	,NYSDOH-DW-MCLS	7
Lead	RMW-9D	RMW-9D-R1	5/21/2002				53.1	J	ug/L	2.8	-	2.8	EPAPDW-MCL,NYSDOH-DW-MCLS	4
Lead	MW-13D	MW-13D-R2	5/14/2002				176	J	ug/L	2.8	-	2.8	EPAPDW-MCL,NYSDOH-DW-MCLS	12
Magnesium	MW-13D	MW-13D-R2	5/14/2002				491000	J	ug/L	0	-	0	,NYSDEC-GW-GA	14
Magnesium	RMW-9D	RMW-9D-R1	5/21/2002				244000	J	ug/L	0	-	0	,NYSDEC-GW-GA	7
Manganese	MW-4D	MW-4D-R2	5/22/2002				384		ug/L	0	-	0	,NYSDOH-DW-MCLS	1
Manganese	RMW-9D	RMW-9D-R1	5/21/2002				3870	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	13
Manganese	MW-13D	MW-13D-R2	5/14/2002				9230	J	ug/L	0	-	0	,NYSDOH-DW-MCLS	31
Nickel	MW-13D	MW-13D-R2	5/14/2002				323	J	ug/L	1.7	-	1.7	,NYSDEC-GW-GA	3
Nickel	RMW-9D	RMW-9D-R1	5/21/2002				154	J	ug/L	1.7	-	1.7	,NYSDEC-GW-GA	2
Zinc	RMW-9D	RMW-9D-R1	5/21/2002				253	J	ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	51
Zinc	MW-4D	MW-4D-R2	5/22/2002				38.5		ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	8
Zinc	MW-13D	MW-13D-R2	5/14/2002				760	J	ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	152
Zinc	RMW-18D	RMW-18D-R1	5/23/2002				6	B	ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	1
Zinc	MW-5D	MW-5D-R2	5/15/2002				11.8	B	ug/L	1.4	-	1.4	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	2

Exceedances of Screening Criteria
Residential Well Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Lead	TAP-371MILL	TAP-371MILL-GW	5/16/2002				41.5		ug/L	2.8	-	2.8	EPAPDW-MCL,NYSDOH-DW-MCLS	3
Zinc	TAP-123SOUTH	TAP-123SOUTH-GW	5/16/2002				11.5	B	ug/L	0	-	0	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	2
Zinc	TAP-371MILL	TAP-371MILL-GW	5/16/2002				22.5		ug/L	0	-	0	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	5

Exceedances of Screening Criteria
Municipal Supply Well Samples
Hiteman Leather Site
West Winfield, New York

Chemical Name	Location Code	Sample ID	Sample Date	Start Depth	End Depth	Depth Unit	Result	Interpreted Qualifiers	Unit	Range of Detection Limit			Minimum	Exceed Quotient
Zinc	MUNI-2TAP	MUNI-2TAP	5/24/2001				16.5	B	ug/L	0	-	0	,NYSDEC-GW-GA,NYSDOH-DW-MCLS	3.3

Appendix L

APPENDIX L

FULL DATA TABLES

Soil Sample Results

Hiteman Leather Site
Lagoon Boring Surface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		LSB-01-0-2 LSB-1 4/22/2002 0 to 2 ft		LSB-02-0-2 LSB-2 4/11/2002 0 to 2 ft		LSB-03-0-2 LSB-3 4/11/2002 0 to 2 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	analyzed		analyzed		analyzed		11	UJ	10	UJ	13	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	for metals		for metals		for metals		11	U	10	UJ	13	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	only		only		only		11	U	10	UJ	13	UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg							11	U	10	UJ	13	UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg							3	J	7	J	13	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg							11	U	10	U	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg							11	U	10	U	13	U
67-64-1	Acetone	OLM04-2-V	ug/kg							3	J	10	U	15	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg							11	U	10	U	13	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg							11	U	10	U	13	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg							11	UJ	24	U	17	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg							11	U	10	U	13	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg							11	UJ	10	UJ	13	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg							11	U	10	U	13	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg							11	U	10	UJ	13	UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg							11	U	10	U	13	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg							11	U	10	U	13	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg							11	U	10	U	13	U
71-43-2	Benzene	OLM04-2-V	ug/kg							11	U	10	U	13	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg							11	U	10	U	13	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg							11	U	10	U	13	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg							11	U	10	U	13	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg							11	U	10	U	13	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg							11	U	10	U	13	U
108-88-3	Toluene	OLM04-2-V	ug/kg							11	U	2	J	13	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg							11	U	10	U	13	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg							11	U	10	U	13	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg							11	U	10	U	13	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg							11	U	10	U	13	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 / RSB-35 / 7/25/2002 / Background		RSB-36-0-2 / RSB-36 / 7/25/2002 / Background		RSB-36-0-2-DUP / RSB-36 / 7/25/2002 / Background		LSB-01-0-2 / LSB-1 / 4/22/2002 / 0 to 2 ft		LSB-02-0-2 / LSB-2 / 4/11/2002 / 0 to 2 ft		LSB-03-0-2 / LSB-3 / 4/11/2002 / 0 to 2 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg							11	U	10	U	13	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	analyzed		analyzed		analyzed		11	U	10	U	13	U
100-42-5	Styrene	OLM04-2-V	ug/kg	for metals		for metals		for metals		11	U	10	U	13	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	only		only		only		11	U	10	U	13	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg							11	U	10	U	13	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg							11	U	10	U	13	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg							11	U	10	U	13	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg							11	U	10	U	13	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg							11	U	10	U	13	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg							11	U	10	U	13	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg							11	U	10	U	13	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 / RSB-35 / 7/25/2002 / Background		RSB-36-0-2 / RSB-36 / 7/25/2002 / Background		RSB-36-0-2-DUP / RSB-36 / 7/25/2002 / Background		LSB-01-0-2 / LSB-1 / 4/22/2002 / 0 to 2 ft		LSB-02-0-2 / LSB-2 / 4/11/2002 / 0 to 2 ft		LSB-03-0-2 / LSB-3 / 4/11/2002 / 0 to 2 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	analyzed		analyzed		analyzed		120	J	460	UJ	430	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	for metals		for metals		for metals		420	UJ	460	UJ	430	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	only		only		only		420	UJ	460	UJ	430	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg							1100	UJ	1200	UJ	1100	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg							1100	UJ	1200	UJ	1100	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg							1100	UJ	1200	UJ	1100	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		LSB-01-0-2 LSB-1 4/22/2002 0 to 2 ft		LSB-02-0-2 LSB-2 4/11/2002 0 to 2 ft		LSB-03-0-2 LSB-3 4/11/2002 0 to 2 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	analyzed		analyzed		analyzed		1100	UJ	1200	UJ	1100	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	for metals		for metals		for metals		1100	UJ	1200	UJ	1100	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	only		only		only		420	UJ	460	UJ	430	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg							1100	UJ	1200	UJ	1100	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg							1100	UJ	1200	UJ	1100	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg							1100	UJ	1200	UJ	1100	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg							54	J	460	UJ	430	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg							81	J	460	UJ	68	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg							73	J	460	UJ	65	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg							52	J	460	UJ	45	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg							420	UJ	460	UJ	800	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg							420	UJ	460	UJ	430	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		LSB-01-0-2 LSB-1 4/22/2002 0 to 2 ft		LSB-02-0-2 LSB-2 4/11/2002 0 to 2 ft		LSB-03-0-2 LSB-3 4/11/2002 0 to 2 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	analyzed		analyzed		analyzed		2.1	UJ	2.4	UJ	2.3	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	for metals		for metals		for metals		2.1	UJ	2.4	UJ	2.3	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	only		only		only		2.1	UJ	2.4	UJ	2.3	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg							2.1	UJ	2.4	UJ	2.3	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg							2.1	UJ	2.4	UJ	2.3	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg							2.1	UJ	2.4	UJ	2.3	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg							2.1	UJ	2.4	UJ	2.3	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg							2.1	UJ	2.4	UJ	2.3	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg							21	UJ	24	UJ	23	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg							4.1	UJ	4.6	UJ	4.4	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg							2.1	UJ	2.4	UJ	2.3	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg							2.1	UJ	2.4	UJ	2.3	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg							210	UJ	240	UJ	230	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg							41	UJ	46	UJ	44	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg							84	UJ	93	UJ	89	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg							41	UJ	46	UJ	44	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg							41	UJ	46	UJ	44	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg							41	UJ	46	UJ	44	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg							41	UJ	46	UJ	44	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg							41	UJ	46	UJ	44	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 / RSB-35 / 7/25/2002 / Background		RSB-36-0-2 / RSB-36 / 7/25/2002 / Background		RSB-36-0-2-DUP / RSB-36 / 7/25/2002 / Background		LSB-01-0-2 / LSB-1 / 4/22/2002 / 0 to 2 ft		LSB-02-0-2 / LSB-2 / 4/11/2002 / 0 to 2 ft		LSB-03-0-2 / LSB-3 / 4/11/2002 / 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3340		16200		15800		12600		8300		8750	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.33	UJ	0.36	UJ	0.36	UJ	1	UJ	5.7	B	22.8	
7440-38-2	Arsenic	ILM04-1-M	mg/kg	5.3		7.6		7.7		6.3		5.7		8.2	
7440-39-3	Barium	ILM04-1-M	mg/kg	24.8	B	54.3		53.8		61.7		45.9		80	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.32	B	0.89	B	0.85	B	0.71	B	0.41	B	0.42	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.04	U	0.05	U	0.05	U	0.5	B	1.1		2.9	
7440-70-2	Calcium	ILM04-1-M	mg/kg	153000		3380		3280		9290	J	7180	J	49800	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	5.7	J	17.4	J	17.3	J	1670		2180		8550	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	3.2	B	9.8	B	10	B	12.4	B	7.1	B	7.9	B
7440-50-8	Copper	ILM04-1-M	mg/kg	11.9		13.2		13		24.2	J	16.6		34.8	
7439-89-6	Iron	ILM04-1-M	mg/kg	9050		24600		24700		27100		17900		19700	
7439-92-1	Lead	ILM04-1-M	mg/kg	8.2		15.3		15.3		33.5		47.7		106	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	10600		2530		2560		3610	J	2200		2830	
7439-96-5	Manganese	ILM04-1-M	mg/kg	276		422		414		376	J	270		362	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.05	U	0.11	BJ	0.08	BJ	0.11	B	0.04	UJ	0.06	BJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	8.9	J	26.5	J	26.5	J	33.8		18		19.8	
7440-09-7	Potassium	ILM04-1-M	mg/kg	767	B	564	B	509	B	1080	B	662	B	784	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.59	U	0.67	B	1.3		0.58	UJ	0.73	B	2.2	
7440-22-4	Silver	ILM04-1-M	mg/kg	0.14	U	0.16	U	0.16	U	0.6	B	0.1	U	0.14	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	208	B	86.9	B	87.3	B	600	BJ	124	B	262	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.53	U	0.94	R	1.4	R	2.4	B	0.44	U	0.6	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	9.1	B	23.1		22.4		24.4		15.1		23.7	
7440-66-6	Zinc	ILM04-1-M	mg/kg	35.7		62.7		63.2		83.7		57	J	84.3	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.08	U	0.11	B	0.11	B	0.2	B	0.26	B	0.81	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background	RSB-36-0-2 RSB-36 7/25/2002 Background	RSB-36-0-2-DUP RSB-36 7/25/2002 Background	LSB-01-0-2 LSB-1 4/22/2002 0 to 2 ft	LSB-02-0-2 LSB-2 4/11/2002 0 to 2 ft	LSB-03-0-2 LSB-3 4/11/2002 0 to 2 ft
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	analyzed	analyzed	analyzed	6	9	8 U
pH	pH	SW9045C	S.U.	for metals	for metals	for metals	7.9	8.1	7.9
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	only	only	only	38600	20500	71100
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%	analyzed	analyzed	analyzed	4.8	20	77
Grain-10	No. 10 Sieve	ASTM-D421	%	for metals	for metals	for metals	18	23	5
Grain-20	No. 20 Sieve	ASTM-D421	%	only	only	only	27	18	5.6
Grain-40	No. 40 Sieve	ASTM-D421	%				14	11	3.8
Grain-60	No. 60 Sieve	ASTM-D421	%				6.9	7.7	2.1
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%				8.7	8.3	2.5
Grain-200	No. 200 Sieve	ASTM-D421	%				3	2.1	0.8
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						
	Summed						82.4	90.1	96.8

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		LSB-01-2-4 LSB-1 4/22/2002 2 to 4 ft		LSB-01-10-12 LSB-1 4/22/2002 10 to 12 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	analyzed		analyzed		analyzed		analyzed		13	UJ	11	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	for metals		for metals		for metals		for metals		13	U	11	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	only		only		only		only		13	U	11	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg									13	U	11	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg									13	U	11	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg									3	J	4	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg									13	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg									13	U	11	U
67-64-1	Acetone	OLM04-2-V	ug/kg									5	J	7	J
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg									13	U	11	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg									13	U	11	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg									13	UJ	11	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg									13	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg									13	UJ	11	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg									13	U	11	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg									13	U	11	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg									13	U	11	U
67-66-3	Chloroform	OLM04-2-V	ug/kg									13	U	11	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg									13	U	11	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg									13	U	11	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg									13	U	11	U
71-43-2	Benzene	OLM04-2-V	ug/kg									13	U	11	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg									13	U	11	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg									13	U	11	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg									13	U	11	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg									13	U	11	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg									13	U	11	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg									13	U	11	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg									13	U	11	U
108-88-3	Toluene	OLM04-2-V	ug/kg									13	U	1	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg									13	U	11	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg									13	U	11	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg									13	U	11	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg									13	U	11	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg									13	U	11	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg									13	U	11	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg									13	U	11	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		LSB-01-2-4 LSB-1 4/22/2002 2 to 4 ft		LSB-01-10-12 LSB-1 4/22/2002 10 to 12 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg									13	U	11	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg									13	U	11	U
100-42-5	Styrene	OLM04-2-V	ug/kg									13	U	11	U
75-25-2	Bromoform	OLM04-2-V	ug/kg									13	U	11	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg									13	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg									13	U	11	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg									13	U	11	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg									13	U	11	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg									13	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg									13	U	11	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg									13	U	11	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	LSB-01-2-4 LSB-1 4/22/2002 2 to 4 ft	LSB-01-10-12 LSB-1 4/22/2002 10 to 12 ft
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	analyzed	analyzed	analyzed	analyzed	410 UJ	400 UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	for metals	for metals	for metals	for metals	410 UJ	400 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	only	only	only	only	410 UJ	400 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg					410 UJ	400 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg					410 UJ	42 J
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg					410 UJ	400 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg					410 UJ	400 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg					410 UJ	400 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg					410 UJ	400 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg					410 UJ	400 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg					45 J	400 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg					410 UJ	400 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg					1000 UJ	1000 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg					410 UJ	400 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg					1000 UJ	1000 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg					410 UJ	400 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg					410 UJ	400 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg					1000 UJ	1000 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg					410 UJ	400 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		LSB-01-2-4 LSB-1 4/22/2002 2 to 4 ft		LSB-01-10-12 LSB-1 4/22/2002 10 to 12 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	analyzed		analyzed		analyzed		analyzed		1000	UJ	1000	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	for metals		for metals		for metals		for metals		120	J	1000	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	only		only		only		only		410	UJ	400	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg									410	UJ	400	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg									410	UJ	400	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg									1000	UJ	1000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg									1000	UJ	1000	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg									410	UJ	400	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg									410	UJ	400	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg									410	UJ	400	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg									8000	J	600	J
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg									410	UJ	400	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg									410	UJ	400	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg									410	UJ	400	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg									410	UJ	400	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg									410	UJ	400	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg									410	UJ	400	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg									410	UJ	400	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg									410	UJ	400	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	LSB-01-2-4 LSB-1 4/22/2002 2 to 4 ft	LSB-01-10-12 LSB-1 4/22/2002 10 to 12 ft
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	analyzed for metals only	analyzed for metals only	analyzed for metals only	analyzed for metals only	2.1 UJ	2.1 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg					21 UJ	21 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg					4.1 UJ	4 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg					2.1 UJ	2.1 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg					210 UJ	210 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg					41 UJ	40 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg					84 UJ	81 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg					41 UJ	40 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg					41 UJ	40 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg					41 UJ	40 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg					41 UJ	40 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg					41 UJ	40 UJ

Hiteman Leather Site
Lagoon Boring Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		LSB-01-2-4 LSB-1 4/22/2002 2 to 4 ft		LSB-01-10-12 LSB-1 4/22/2002 10 to 12 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	12300		7140		11100		7630		3790		1640	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.43	BJ	0.48	BJ	0.36	UJ	0.33	UJ	0.92	UJ	0.85	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	10.2		8.5		8.7		7.5		2.6		1.4	B
7440-39-3	Barium	ILM04-1-M	mg/kg	72.3		39.7	B	53.2		35	B	15.8	B	11.3	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	1	B	0.61	B	0.96	B	0.65	B	0.34	B	0.17	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.05	U	0.05	U	0.05	U	0.04	U	0.14	B	0.11	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	26200		70200		10200		55600		88800	J	194000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	18.8	J	11.4	J	17.8	J	13.4	J	69.6		5.4	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	8.6	B	5.5	B	7.3	B	5.8	B	1.9	B	0.27	U
7440-50-8	Copper	ILM04-1-M	mg/kg	13.7		15.3		14.7		13.9		8.2	J	5.1	B
7439-89-6	Iron	ILM04-1-M	mg/kg	24600		18100		20600		16900		9530		4900	
7439-92-1	Lead	ILM04-1-M	mg/kg	13.2		7.8		11.4		10.1		6.9		2.9	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3140		3550		2990		3540		3860	J	5130	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	230		211		554		440		165	J	280	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.16	J	0.09	B	0.15	J	0.08	BJ	0.09	B	0.06	U
7440-02-0	Nickel	ILM04-1-M	mg/kg	25.4	J	16.6	J	23.9	J	18.7	J	9.4	B	6.4	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	674	B	813	B	625	B	686	B	469	B	336	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.74	U	0.78	UJ	0.67	B	0.6	U	0.53	U	0.49	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.18	U	0.19	U	0.16	U	0.14	U	0.32	B	0.24	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	110	B	172	B	54.8	B	112	B	267	BJ	218	BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.3	R	0.7	U	1.5	R	1.1	R	1.1	B	0.78	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	22		16		19.2		16		8.4	B	4.9	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	60.3		46.3		53.2		50.4		37.6		15.1	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.1	U	0.1	U	0.23	B	0.08	B	0.05	B	0.06	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	LSB-01-2-4 LSB-1 4/22/2002 2 to 4 ft	LSB-01-10-12 LSB-1 4/22/2002 10 to 12 ft
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	analyzed	analyzed	analyzed	analyzed	6	4 U
pH	pH	SW9045C	S.U.	for metals	for metals	for metals	for metals	8.1	8.3
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	only	only	only	only	49600	62900
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%	analyzed	analyzed	analyzed	analyzed	43	44
Grain-10	No. 10 Sieve	ASTM-D421	%	for metals	for metals	for metals	for metals	13	17
Grain-20	No. 20 Sieve	ASTM-D421	%	only	only	only	only	16	17
Grain-40	No. 40 Sieve	ASTM-D421	%					9.1	12
Grain-60	No. 60 Sieve	ASTM-D421	%					4.2	3.6
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%					5.2	3.4
Grain-200	No. 200 Sieve	ASTM-D421	%					1.8	0.9
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						
	grain percentages summed							92.3	97.9

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-01-18-20 LSB-1 4/22/2002 18 to 20 ft		LSB-01-18-20-DUP LSB-1 4/22/2002 18 to 20 ft		LSB-02-4-6 LSB-2 4/11/2002 4 to 6 ft		LSB-02-14-16 LSB-2 4/11/2002 14 to 16 ft		LSB-02-16-18 LSB-2 4/11/2002 16 to 18 ft		LSB-03-4-6 LSB-3 4/11/2002 4 to 6 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	10	UJ	10	UJ	12	UJ	10	UJ	11	UJ	18	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	10	U	10	U	12	UJ	10	UJ	11	UJ	18	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	10	U	10	U	12	UJ	10	UJ	11	UJ	18	UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	10	U	10	U	12	UJ	10	UJ	11	UJ	18	UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	3	J	3	J	12	U	10	U	11	U	18	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
67-64-1	Acetone	OLM04-2-V	ug/kg	5	J	6	J	18	U	12	U	14	U	48	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	10	U	10	U	12	U	1	J	11	U	18	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	10	UJ	10	UJ	19	U	13	U	20	U	28	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	10	UJ	10	UJ	12	UJ	10	UJ	11	UJ	18	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	10	U	10	U	12	UJ	10	UJ	11	UJ	18	UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
71-43-2	Benzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
108-88-3	Toluene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-01-18-20 LSB-1 4/22/2002 18 to 20 ft		LSB-01-18-20-DUP LSB-1 4/22/2002 18 to 20 ft		LSB-02-4-6 LSB-2 4/11/2002 4 to 6 ft		LSB-02-14-16 LSB-2 4/11/2002 14 to 16 ft		LSB-02-16-18 LSB-2 4/11/2002 16 to 18 ft		LSB-03-4-6 LSB-3 4/11/2002 4 to 6 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
100-42-5	Styrene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	10	U	10	U	12	U	10	U	11	U	18	U

Cas Rn—	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-01-18-20 LSB-1 4/22/2002 18 to 20 ft	LSB-01-18-20-DUP LSB-1 4/22/2002 18 to 20 ft	LSB-02-4-6 LSB-2 4/11/2002 4 to 6 ft	LSB-02-14-16 LSB-2 4/11/2002 14 to 16 ft	LSB-02-16-18 LSB-2 4/11/2002 16 to 18 ft	LSB-03-4-6 LSB-3 4/11/2002 4 to 6 ft
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	40 J	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	72 J	77 J	390 UJ	360 UJ	360 UJ	380 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	910 UJ	930 UJ	990 UJ	900 UJ	910 UJ	950 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	910 UJ	930 UJ	990 UJ	900 UJ	910 UJ	950 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	910 UJ	930 UJ	990 UJ	900 UJ	910 UJ	950 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	360 UJ	370 UJ	390 UJ	360 UJ	360 UJ	380 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-01-18-20 LSB-1 4/22/2002 18 to 20 ft		LSB-01-18-20-DUP LSB-1 4/22/2002 18 to 20 ft		LSB-02-4-6 LSB-2 4/11/2002 4 to 6 ft		LSB-02-14-16 LSB-2 4/11/2002 14 to 16 ft		LSB-02-16-18 LSB-2 4/11/2002 16 to 18 ft		LSB-03-4-6 LSB-3 4/11/2002 4 to 6 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	910	UJ	930	UJ	990	UJ	900	UJ	910	UJ	950	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	910	UJ	930	UJ	990	UJ	900	UJ	910	UJ	950	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	910	UJ	930	UJ	990	UJ	900	UJ	910	UJ	950	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	910	UJ	930	UJ	990	UJ	900	UJ	910	UJ	950	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1900	J	440	J	990	UJ	900	UJ	910	UJ	950	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	360	UJ	370	UJ	460	UJ	390	UJ	360	UJ	380	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	360	UJ	370	UJ	390	UJ	360	UJ	360	UJ	380	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-01-18-20 LSB-1 4/22/2002 18 to 20 ft	LSB-01-18-20-DUP LSB-1 4/22/2002 18 to 20 ft	LSB-02-4-6 LSB-2 4/11/2002 4 to 6 ft	LSB-02-14-16 LSB-2 4/11/2002 14 to 16 ft	LSB-02-16-18 LSB-2 4/11/2002 16 to 18 ft	LSB-03-4-6 LSB-3 4/11/2002 4 to 6 ft
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	19 UJ	19 UJ	20 UJ	18 UJ	19 UJ	20 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	3.6 UJ	3.7 UJ	4 UJ	3.6 UJ	3.6 UJ	3.8 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	1.9 UJ	1.9 UJ	2 UJ	1.8 UJ	1.9 UJ	2 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	190 UJ	190 UJ	200 UJ	180 UJ	190 UJ	200 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	36 UJ	37 UJ	40 UJ	36 UJ	36 UJ	38 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	73 UJ	75 UJ	80 UJ	73 UJ	74 UJ	77 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	36 UJ	37 UJ	40 UJ	36 UJ	36 UJ	38 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	36 UJ	37 UJ	40 UJ	36 UJ	36 UJ	38 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	36 UJ	37 UJ	40 UJ	36 UJ	36 UJ	38 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	36 UJ	37 UJ	40 UJ	36 UJ	36 UJ	38 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	36 UJ	37 UJ	40 UJ	36 UJ	36 UJ	38 UJ

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	LSB-01-18-20		LSB-01-18-20-DUP		LSB-02-4-6		LSB-02-14-16		LSB-02-16-18		LSB-03-4-6	
				Location	LSB-1		LSB-1		LSB-2		LSB-2		LSB-2		LSB-3	
				Sample Date	4/22/2002		4/22/2002		4/11/2002		4/11/2002		4/11/2002		4/11/2002	
					18 to 20 ft		18 to 20 ft		4 to 6 ft		14 to 16 ft		16 to 18 ft		4 to 6 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**															
7429-90-5	Aluminum	ILM04-1-M	mg/kg		1740		1430		7150		1380		1660		6360	
7440-36-0	Antimony	ILM04-1-M	mg/kg		0.87	UJ	0.83	UJ	0.56	B	0.46	U	0.46	U	29.8	
7440-38-2	Arsenic	ILM04-1-M	mg/kg		3.7		1.7	B	5.3		0.98	B	1.3	B	9	
7440-39-3	Barium	ILM04-1-M	mg/kg		8.3	B	7.9	B	34.8	B	8.7	B	6.9	B	74.2	
7440-41-7	Beryllium	ILM04-1-M	mg/kg		0.15	B	0.12	B	0.48	B	0.08	B	0.1	B	0.34	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg		0.11	B	0.11	U	0.51	B	0.17	B	0.22	B	2.8	
7440-70-2	Calcium	ILM04-1-M	mg/kg		182000	J	190000	J	79300	J	297000	J	194000	J	67300	J
7440-47-3	Chromium	ILM04-1-M	mg/kg		8.1		5.7		230		5.5		5.4		11100	
7440-48-4	Cobalt	ILM04-1-M	mg/kg		0.27	U	0.26	U	5.5	B	1.8	B	1.4	B	5.6	B
7440-50-8	Copper	ILM04-1-M	mg/kg		5.9	J	4.4	B	12.2		4.4	B	4.5	B	29.2	
7439-89-6	Iron	ILM04-1-M	mg/kg		4800		4180		17000		4640		5190		14200	
7439-92-1	Lead	ILM04-1-M	mg/kg		2.9		1.9	J	11.7		3		2.1		118	
7439-95-4	Magnesium	ILM04-1-M	mg/kg		6110	J	5160	J	2760		9330		3950		2330	
7439-96-5	Manganese	ILM04-1-M	mg/kg		183	J	164	J	255		245		175		349	
7439-97-6	Mercury	ILM04-1-M	mg/kg		0.06	U	0.05	U	0.05	UJ	0.05	UJ	0.04	UJ	0.07	UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg		5.4	B	4.2	B	15.6		5	B	5.3	B	13	
7440-09-7	Potassium	ILM04-1-M	mg/kg		369	B	366	B	696	B	502	B	430	B	633	B
7782-49-2	Selenium	ILM04-1-M	mg/kg		0.5	U	0.48	UJ	0.68	B	0.44	U	0.44	U	1.9	
7440-22-4	Silver	ILM04-1-M	mg/kg		0.25	U	0.24	U	0.11	U	0.11	U	0.1	U	0.16	U
7440-23-5	Sodium	ILM04-1-M	mg/kg		203	BJ	239	BJ	145	B	186	B	141	B	288	B
7440-28-0	Thallium	ILM04-1-M	mg/kg		0.8	U	0.76	U	0.5	U	0.46	U	0.46	U	1	B
7440-62-2	Vanadium	ILM04-1-M	mg/kg		4.7	B	3.6	B	12.8		3.8	B	4.2	B	19	
7440-66-6	Zinc	ILM04-1-M	mg/kg		14.7		13.9		42.6	J	13.6	J	16.4	J	82.8	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg		0.06	B	0.04	U	0.1	B	0.03	U	0.06	B	1.2	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-01-18-20 LSB-1 4/22/2002 18 to 20 ft	LSB-01-18-20-DUP LSB-1 4/22/2002 18 to 20 ft	LSB-02-4-6 LSB-2 4/11/2002 4 to 6 ft	LSB-02-14-16 LSB-2 4/11/2002 14 to 16 ft	LSB-02-16-18 LSB-2 4/11/2002 16 to 18 ft	LSB-03-4-6 LSB-3 4/11/2002 4 to 6 ft
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4 U	4 U	4 U	4 U	4 U	6 U
pH	pH	SW9045C	S.U.	8.3	8.3	8.2	8.4	8.4	7.7
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	56000	65000	42800	53400	68400	73100
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%	79	73	82	71	22	76
Grain-10	No. 10 Sieve	ASTM-D421	%	8.7	8.1	6.5	11	19	3.2
Grain-20	No. 20 Sieve	ASTM-D421	%	6	8	4.5	7.9	35	5.2
Grain-40	No. 40 Sieve	ASTM-D421	%	3	4.4	2.5	4.5	15	4.3
Grain-60	No. 60 Sieve	ASTM-D421	%	0.9	1.5	1.1	1.9	3.2	2.9
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%	1	2	1.2	1.7	2.3	3.6
Grain-200	No. 200 Sieve	ASTM-D421	%	0.4	0.6	0.3	0.5	1	1.1
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						
	grain percentages summed			99	97.6	98.1	98.5	97.5	96.3

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-03-4-6-DUP / LSB-3 / 4/11/2002 / 4 to 6 ft		LSB-03-12-14 / LSB-3 / 4/11/2002 / 12 to 14 ft		LSB-03-14-16 / LSB-3 / 4/11/2002 / 14 to 16 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**								
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	18	UJ	11	UJ	11	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	18	UJ	11	UJ	11	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	18	UJ	11	UJ	11	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	18	UJ	11	UJ	11	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	5	J	2	J	2	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	18	U	11	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	18	U	11	U	11	U
67-64-1	Acetone	OLM04-2-V	ug/kg	34	U	96		19	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	18	U	2	J	11	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	18	U	11	U	11	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	43	U	30	U	28	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	18	U	11	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	18	UJ	11	UJ	11	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	18	U	11	U	11	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	18	UJ	11	UJ	11	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	18	U	11	U	11	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	18	U	11	U	11	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	18	U	11	U	11	U
71-43-2	Benzene	OLM04-2-V	ug/kg	18	U	11	U	11	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	18	U	11	U	11	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	18	U	11	U	11	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	18	U	11	U	11	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	18	U	11	U	11	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	18	U	11	U	11	U
108-88-3	Toluene	OLM04-2-V	ug/kg	18	U	11	U	11	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	18	U	11	U	11	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	18	U	11	U	11	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	18	U	11	U	11	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	18	U	11	U	11	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	18	U	11	U	11	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-03-4-6-DUP / LSB-3 / 4/11/2002 / 4 to 6 ft			LSB-03-12-14 / LSB-3 / 4/11/2002 / 12 to 14 ft			LSB-03-14-16 / LSB-3 / 4/11/2002 / 14 to 16 ft		
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	18	U		11	U		11	U	
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	18	U		11	U		11	U	
100-42-5	Styrene	OLM04-2-V	ug/kg	18	U		11	U		11	U	
75-25-2	Bromoform	OLM04-2-V	ug/kg	18	U		11	U		11	U	
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	18	U		11	U		11	U	
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	18	U		11	U		11	U	
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	18	U		11	U		11	U	
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	18	U		11	U		11	U	
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	18	U		11	U		11	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	18	U		11	U		11	U	
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	18	U		11	U		11	U	

Hiteman Leather Site
Lagoon Boring Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-03-4-6-DUP LSB-3 4/11/2002 4 to 6 ft		LSB-03-12-14 LSB-3 4/11/2002 12 to 14 ft		LSB-03-14-16 LSB-3 4/11/2002 14 to 16 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-03-4-6-DUP / LSB-3 / 4/11/2002 / 4 to 6 ft		LSB-03-12-14 / LSB-3 / 4/11/2002 / 12 to 14 ft		LSB-03-14-16 / LSB-3 / 4/11/2002 / 14 to 16 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1300	UJ	890	UJ	890	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	520	UJ	360	UJ	840	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	520	UJ	360	UJ	360	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-03-4-6-DUP / LSB-3 / 4/11/2002 / 4 to 6 ft		LSB-03-12-14 / LSB-3 / 4/11/2002 / 12 to 14 ft		LSB-03-14-16 / LSB-3 / 4/11/2002 / 14 to 16 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	27	UJ	18	UJ	19	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	5.2	UJ	3.5	UJ	3.6	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.7	UJ	1.8	UJ	1.9	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	270	UJ	180	UJ	190	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	52	UJ	35	UJ	36	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	100	UJ	72	UJ	74	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	52	UJ	35	UJ	36	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	52	UJ	35	UJ	36	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	52	UJ	35	UJ	36	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	52	UJ	35	UJ	36	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	52	UJ	35	UJ	36	UJ

Hiteman Leather Site
Lagoon Boring Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	LSB-03-4-6-DUP / LSB-3 / 4/11/2002 / 4 to 6 ft		LSB-03-12-14 / LSB-3 / 4/11/2002 / 12 to 14 ft		LSB-03-14-16 / LSB-3 / 4/11/2002 / 14 to 16 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**								
7429-90-5	Aluminum	ILM04-1-M	mg/kg	7060		1590		1950	
7440-36-0	Antimony	ILM04-1-M	mg/kg	27.6		0.43	U	0.43	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	9.1		1.3	B	2.7	
7440-39-3	Barium	ILM04-1-M	mg/kg	72.4		8.9	B	14.5	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.35	B	0.11	B	0.09	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	2.8		0.2	B	0.23	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	52500	J	206000	J	183000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	10200		6.4		74.3	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	6.1	B	1.4	B	1.5	B
7440-50-8	Copper	ILM04-1-M	mg/kg	29.2		4.4	B	6.7	
7439-89-6	Iron	ILM04-1-M	mg/kg	18300		4800		6020	
7439-92-1	Lead	ILM04-1-M	mg/kg	113		2.4		3.4	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2240		5120		8340	
7439-96-5	Manganese	ILM04-1-M	mg/kg	347		216		171	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.1	BJ	0.04	UJ	0.05	UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	14.6		4.6	B	5.6	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	614	B	585	B	458	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.8		0.41	U	0.41	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.15	U	0.1	U	0.1	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	256	B	154	B	141	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.1	B	0.43	U	0.43	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	20.6		3.7	B	5	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	86.9	J	16.8	J	19.2	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	1.1		0.03	B	0.03	U

Hiteman Leather Site
Lagoon Boring Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	LSB-03-4-6-DUP LSB-3 4/11/2002 4 to 6 ft		LSB-03-12-14 LSB-3 4/11/2002 12 to 14 ft		LSB-03-14-16 LSB-3 4/11/2002 14 to 16 ft	
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	7	U	4	U	4	U
pH	pH	SW9045C	S.U.	7.8		8.3		8.6	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	78700		67500		71300	
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%	52		76		64	
Grain-10	No. 10 Sieve	ASTM-D421	%	6.4		11		14	
Grain-20	No. 20 Sieve	ASTM-D421	%	10		7.8		10	
Grain-40	No. 40 Sieve	ASTM-D421	%	8.5		2.3		4.8	
Grain-60	No. 60 Sieve	ASTM-D421	%	6		0.7		1.7	
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%	7.7		0.7		1.4	
Grain-200	No. 200 Sieve	ASTM-D421	%	2.4		0.2		0.4	
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						
	grain percentages summed			93		98.7		96.3	

Hiteman Leather Site
Building Boring Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		BSB-01-0-2 BSB-1 4/2/2002 0 to 2 ft		BSB-01-8-10 BSB-1 4/2/2002 8 to 10 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	analyzed		analyzed		analyzed		analyzed		12	U	14	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	for metals		for metals		for metals		for metals		12	UJ	14	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	only		only		only		only		12	U	14	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg									12	U	14	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg									12	U	14	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg									12	U	14	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg									12	U	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg									12	U	14	U
67-64-1	Acetone	OLM04-2-V	ug/kg									33	U	14	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg									12	U	14	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg									12	UJ	14	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg									12	UJ	14	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg									12	U	14	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg									12	U	14	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg									12	U	14	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg									12	U	14	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg									12	U	14	U
67-66-3	Chloroform	OLM04-2-V	ug/kg									12	U	14	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg									12	U	14	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg									12	U	14	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg									12	U	14	U
71-43-2	Benzene	OLM04-2-V	ug/kg									12	U	14	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg									12	UJ	14	UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg									12	U	14	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg									12	U	14	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg									12	U	14	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg									12	U	14	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg									12	U	14	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg									12	UJ	14	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg									12	U	14	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg									12	U	14	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg									12	U	14	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg									12	U	14	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg									12	U	14	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg									12	U	14	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg									12	U	14	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg									12	U	14	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-35-2-4		RSB-35-4-6		RSB-36-2-4		RSB-36-4-6		BSB-01-0-2		BSB-01-8-10	
			Location	RSB-35		RSB-35		RSB-36		RSB-36		BSB-1		BSB-1	
			Sample Date	7/25/2002		7/25/2002		7/25/2002		7/25/2002		4/2/2002		4/2/2002	
			Unit \\ Depth	Background		Background		Background		Background		0 to 2 ft		8 to 10 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg									12	U	14	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg									12	U	14	U
100-42-5	Styrene	OLM04-2-V	ug/kg									12	U	14	U
75-25-2	Bromoform	OLM04-2-V	ug/kg									12	U	14	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg									12	U	14	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg									12	U	14	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg									12	U	14	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg									12	U	14	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg									12	U	14	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg									12	R	14	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg									12	U	14	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	BSB-01-0-2 BSB-1 4/2/2002 0 to 2 ft	BSB-01-8-10 BSB-1 4/2/2002 8 to 10 ft
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	analyzed	analyzed	analyzed	analyzed	400 UJ	370 UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	for metals	for metals	for metals	for metals	400 UJ	370 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	only	only	only	only	400 UJ	370 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg					400 UJ	370 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg					400 UJ	370 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg					400 UJ	370 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg					400 UJ	370 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg					400 UJ	370 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg					400 UJ	370 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg					400 UJ	370 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg					400 UJ	44 J
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg					400 UJ	370 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg					1000 UJ	930 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg					400 UJ	370 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg					1000 UJ	930 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg					400 UJ	370 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg					1000 UJ	930 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg					400 UJ	370 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	BSB-01-0-2 BSB-1 4/2/2002 0 to 2 ft	BSB-01-8-10 BSB-1 4/2/2002 8 to 10 ft
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	analyzed for metals only	analyzed for metals only	analyzed for metals only	analyzed for metals only	1000 UJ	930 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg					1000 UJ	930 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg					400 UJ	370 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg					400 UJ	370 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg					400 UJ	370 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg					1000 UJ	930 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg					1000 UJ	930 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg					400 UJ	370 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg					400 UJ	370 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg					400 UJ	370 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg					1000 UJ	930 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg					400 UJ	370 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg					400 UJ	370 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg					400 UJ	370 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg					400 UJ	370 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg					400 UJ	370 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg					400 UJ	370 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg					400 UJ	370 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg					400 UJ	370 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	BSB-01-0-2 BSB-1 4/2/2002 0 to 2 ft	BSB-01-8-10 BSB-1 4/2/2002 8 to 10 ft
4-P/PCBs-I	**Pestcide/PCB Organics - OLM04.2**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	analyzed for metals only	analyzed for metals only	analyzed for metals only	analyzed for metals only	2.1 UJ	1.9 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg					21 UJ	19 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg					4 UJ	3.7 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg					2.1 UJ	1.9 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg					210 UJ	190 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg					40 UJ	37 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg					82 UJ	75 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg					40 UJ	37 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg					40 UJ	37 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg					40 UJ	37 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg					40 UJ	37 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg					40 UJ	37 UJ

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	RSB-35-2-4		RSB-35-4-6		RSB-36-2-4		RSB-36-4-6		BSB-01-0-2		BSB-01-8-10	
				Location	RSB-35		RSB-35		RSB-36		RSB-36		BSB-1		BSB-1	
				Sample Date	7/25/2002		7/25/2002		7/25/2002		7/25/2002		4/2/2002		4/2/2002	
					Background		Background		Background		Background		0 to 2 ft		8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**															
7429-90-5	Aluminum	ILM04-1-M	mg/kg		12300		7140		11100		7630		11100		1700	
7440-36-0	Antimony	ILM04-1-M	mg/kg		0.43	BJ	0.48	BJ	0.36	UJ	0.33	UJ	0.99	UJ	0.82	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg		10.2		8.5		8.7		7.5		7.8		2	B
7440-39-3	Barium	ILM04-1-M	mg/kg		72.3		39.7	B	53.2		35	B	57.4	J	12	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg		1	B	0.61	B	0.96	B	0.65	B	0.78	B	0.13	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg		0.05	U	0.05	U	0.05	U	0.04	U	0.58	B	0.14	B
7440-70-2	Calcium	ILM04-1-M	mg/kg		26200		70200		10200		55600		8210	J	232000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg		18.8	J	11.4	J	17.8	J	13.4	J	14.6	J	4.5	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg		8.6	B	5.5	B	7.3	B	5.8	B	11.6	B	1.9	B
7440-50-8	Copper	ILM04-1-M	mg/kg		13.7		15.3		14.7		13.9		32.7		4.5	B
7439-89-6	Iron	ILM04-1-M	mg/kg		24600		18100		20600		16900		22400	J	4540	J
7439-92-1	Lead	ILM04-1-M	mg/kg		13.2		7.8		11.4		10.1		23	J	2.8	
7439-95-4	Magnesium	ILM04-1-M	mg/kg		3140		3550		2990		3540		2880	J	8600	J
7439-96-5	Manganese	ILM04-1-M	mg/kg		230		211		554		440		406	J	181	J
7439-97-6	Mercury	ILM04-1-M	mg/kg		0.16	J	0.09	B	0.15	J	0.08	BJ	0.13		0.05	U
7440-02-0	Nickel	ILM04-1-M	mg/kg		25.4	J	16.6	J	23.9	J	18.7	J	30.7	J	4.4	B
7440-09-7	Potassium	ILM04-1-M	mg/kg		674	B	813	B	625	B	686	B	1230	B	688	B
7782-49-2	Selenium	ILM04-1-M	mg/kg		0.74	U	0.78	UJ	0.67	B	0.6	U	1.1	U	0.94	U
7440-22-4	Silver	ILM04-1-M	mg/kg		0.18	U	0.19	U	0.16	U	0.14	U	0.22	U	0.18	U
7440-23-5	Sodium	ILM04-1-M	mg/kg		110	B	172	B	54.8	B	112	B	216	B	184	B
7440-28-0	Thallium	ILM04-1-M	mg/kg		1.3	R	0.7	U	1.5	R	1.1	R	1.5	U	1.2	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg		22		16		19.2		16		18.6	J	4.3	B
7440-66-6	Zinc	ILM04-1-M	mg/kg		60.3		46.3		53.2		50.4		68.8	J	17.8	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg		0.1	U	0.1	U	0.23	B	0.08	B	0.14	B	0.25	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	BSB-01-0-2 BSB-1 4/2/2002 0 to 2 ft	BSB-01-8-10 BSB-1 4/2/2002 8 to 10 ft
6WetChem	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	analyzed	analyzed	analyzed	analyzed	4 U	4 U
pH	pH	SW9045C	S.U.	for metals	for metals	for metals	for metals	9.1	8.5
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	only	only	only	only	6630	95600
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%	analyzed	analyzed	analyzed	analyzed	2.8	55
Grain-10	No. 10 Sieve	ASTM-D421	%	for metals	for metals	for metals	for metals	17	15
Grain-20	No. 20 Sieve	ASTM-D421	%	only	only	only	only	22	14
Grain-40	No. 40 Sieve	ASTM-D421	%					12	6.4
Grain-60	No. 60 Sieve	ASTM-D421	%					7.1	2.7
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%					13	3.1
Grain-200	No. 200 Sieve	ASTM-D421	%					5.5	1
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-02-0-2 BSB-2 4/2/2002 0 to 2 ft		BSB-02-6-8 BSB-2 4/2/2002 6 to 8 ft		BSB-02-8-10 BSB-2 4/2/2002 8 to 10 ft		BSB-03-0-2 BSB-3 4/3/2002 0 to 2 ft		BSB-03-8-10 BSB-3 4/3/2002 8 to 10 ft		BSB-04-0-2 BSB-4 4/2/2002 0 to 2 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	12	UJ	14	UJ	12	UJ	10	UJ	11	UJ	51	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	12	U	2	J	12	U	0.9	J	1	J	51	UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	12	U	100	U	46	U	10	UJ	11	U	220	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	12	UJ	14	UJ	12	UJ	10	UJ	11	UJ	51	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	12	UJ	14	UJ	12	UJ	10	UJ	11	UJ	51	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	12	UJ	14	UJ	12	UJ	10	UJ	11	UJ	51	UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	12	UJ	14	UJ	12	UJ	10	UJ	11	UJ	51	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	3	J	11	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	UJ	11	U	51	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	BSB-02-0-2		BSB-02-6-8		BSB-02-8-10		BSB-03-0-2		BSB-03-8-10		BSB-04-0-2	
			Location	BSB-2		BSB-2		BSB-2		BSB-3		BSB-3		BSB-4	
			Sample Date	4/2/2002		4/2/2002		4/2/2002		4/3/2002		4/3/2002		4/2/2002	
			Unit \\ Depth	0 to 2 ft		6 to 8 ft		8 to 10 ft		0 to 2 ft		8 to 10 ft		0 to 2 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	8	J
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	12	R	14	R	12	R	10	R	11	R	51	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	12	U	14	U	12	U	10	U	11	U	51	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-02-0-2 BSB-2 4/2/2002 0 to 2 ft		BSB-02-6-8 BSB-2 4/2/2002 6 to 8 ft		BSB-02-8-10 BSB-2 4/2/2002 8 to 10 ft		BSB-03-0-2 BSB-3 4/3/2002 0 to 2 ft		BSB-03-8-10 BSB-3 4/3/2002 8 to 10 ft		BSB-04-0-2 BSB-4 4/2/2002 0 to 2 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	420	UJ	63	J	40	J	43	J	360	UJ	910	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-02-0-2 BSB-2 4/2/2002 0 to 2 ft		BSB-02-6-8 BSB-2 4/2/2002 6 to 8 ft		BSB-02-8-10 BSB-2 4/2/2002 8 to 10 ft		BSB-03-0-2 BSB-3 4/3/2002 0 to 2 ft		BSB-03-8-10 BSB-3 4/3/2002 8 to 10 ft		BSB-04-0-2 BSB-4 4/2/2002 0 to 2 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1000	UJ	940	UJ	970	UJ	1000	UJ	890	UJ	2300	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	90	J	52	J	77	J	420	UJ	360	UJ	910	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	170	J	71	J	90	J	420	UJ	360	UJ	150	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	160	J	72	J	83	J	420	UJ	360	UJ	110	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	83	J	38	J	42	J	420	UJ	360	UJ	910	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	110	J	50	J	45	J	420	UJ	360	UJ	97	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	820	UJ	390	UJ	390	UJ	420	UJ	360	UJ	2100	J
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	78	J	41	J	390	UJ	420	UJ	360	UJ	910	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	110	J	46	J	390	UJ	420	UJ	360	UJ	910	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	85	J	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	420	UJ	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	73	J	370	UJ	390	UJ	420	UJ	360	UJ	910	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-02-0-2 BSB-2 4/2/2002 0 to 2 ft		BSB-02-6-8 BSB-2 4/2/2002 6 to 8 ft		BSB-02-8-10 BSB-2 4/2/2002 8 to 10 ft		BSB-03-0-2 BSB-3 4/3/2002 0 to 2 ft		BSB-03-8-10 BSB-3 4/3/2002 8 to 10 ft		BSB-04-0-2 BSB-4 4/2/2002 0 to 2 ft	
4-P/PCBs-: Pestcide/PCB Organics - OLM04.2															
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	22	UJ	19	UJ	20	UJ	21	UJ	18	UJ	47	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	4.2	UJ	3.7	UJ	3.9	UJ	4.1	UJ	3.6	UJ	9.1	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.2	UJ	1.9	UJ	2	UJ	2.1	UJ	1.8	UJ	4.7	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	220	UJ	190	UJ	200	UJ	210	UJ	180	UJ	470	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	42	UJ	37	UJ	39	UJ	41	UJ	36	UJ	91	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	85	UJ	76	UJ	79	UJ	84	UJ	73	UJ	190	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	42	UJ	37	UJ	39	UJ	41	UJ	36	UJ	91	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	42	UJ	37	UJ	39	UJ	41	UJ	36	UJ	91	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	42	UJ	37	UJ	39	UJ	41	UJ	36	UJ	91	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	42	UJ	37	UJ	39	UJ	41	UJ	36	UJ	91	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	42	UJ	37	UJ	39	UJ	41	UJ	36	UJ	91	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-02-0-2 BSB-2 4/2/2002 0 to 2 ft		BSB-02-6-8 BSB-2 4/2/2002 6 to 8 ft		BSB-02-8-10 BSB-2 4/2/2002 8 to 10 ft		BSB-03-0-2 BSB-3 4/3/2002 0 to 2 ft		BSB-03-8-10 BSB-3 4/3/2002 8 to 10 ft		BSB-04-0-2 BSB-4 4/2/2002 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	8860		5020		1520		13600		2000		4130	J
7440-36-0	Antimony	ILM04-1-M	mg/kg	1.1	BJ	0.98	UJ	0.86	UJ	0.92	UJ	0.8	UJ	7	BJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	8.8		5.7		2.6		4.8		1.7	B	3.2	BJ
7440-39-3	Barium	ILM04-1-M	mg/kg	140	J	50.2	J	17.2	B	58	J	8.5	B	68.6	BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.55	B	0.29	B	0.16	B	0.8	B	0.14	B	0.32	BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.75	B	0.44	B	0.23	B	0.54	B	0.2	B	0.41	BJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	27400	J	129000	J	258000	J	37000	J	200000	J	39700	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	231	J	45.4	J	8.7	J	47.2	J	39.5	J	2210	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	6.9	B	4	B	2.1	B	10	B	2.2	B	2.5	BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	32.5		15.4		6.9		24.6		8.5		21.8	J
7439-89-6	Iron	ILM04-1-M	mg/kg	21400	J	13100	J	5830	J	23300	J	5380	J	8370	J
7439-92-1	Lead	ILM04-1-M	mg/kg	141	J	23.8	J	5.6	J	12.1	J	2.6		32.9	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3170	J	5160	J	3820	J	5160	J	8160	J	2150	BJ
7439-96-5	Manganese	ILM04-1-M	mg/kg	956	J	520	J	322	J	187	J	232	J	114	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.23		0.05	U	0.05	U	0.07	B	0.04	U	0.11	UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	18.6	J	10.9	J	6.5	B	25.5	J	6.5	B	6.7	BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	1350		975	B	646	B	1580		630	B	844	BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.2	B	1.1	U	0.99	U	1.1	U	0.92	U	2.1	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.22	U	0.22	U	0.19	U	0.21	U	0.18	U	0.41	UJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	492	B	202	B	187	B	286	B	171	B	6640	J
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.5	U	1.5	U	1.3	U	1.4	U	1.2	U	2.8	UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg	19.4	J	11.9	B	4.4	B	22.3	J	10	B	7.7	BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	219	J	62.3	J	19.3	J	59.5	J	21.6	J	40.1	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	1		0.3	B	0.2	B	0.12	B	0.07	B	0.35	BJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-02-0-2 BSB-2 4/2/2002 0 to 2 ft		BSB-02-6-8 BSB-2 4/2/2002 6 to 8 ft		BSB-02-8-10 BSB-2 4/2/2002 8 to 10 ft		BSB-03-0-2 BSB-3 4/3/2002 0 to 2 ft		BSB-03-8-10 BSB-3 4/3/2002 8 to 10 ft		BSB-04-0-2 BSB-4 4/2/2002 0 to 2 ft	
6WetChem	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	8	U	4	J	4	U	4	U	8	U	20	U
pH	pH	SW9045C	S.U.	8.7		9.4		9		11		8.3		8.4	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	28100		71400		58500		6600		92000		211000	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	30		44		45		10		57		26	
Grain-10	No. 10 Sieve	ASTM-D421	%	13		11		14		21		18		18	
Grain-20	No. 20 Sieve	ASTM-D421	%	19		14		15		20		11		16	
Grain-40	No. 40 Sieve	ASTM-D421	%	12		10		8.8		11		4.5		16	
Grain-60	No. 60 Sieve	ASTM-D421	%	6.7		5.9		4.5		6.5		2.1		7.3	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	8.3		6.8		5		10		2.6		8.1	
Grain-200	No. 200 Sieve	ASTM-D421	%	2.2		1.8		1.5		4		1		2	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Hiteman Leather Site
Building Boring Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-04-2-4 BSB-4 4/2/2002 2 to 4 ft		BSB-04-8-10 BSB-4 4/3/2002 8 to 10 ft		BSB-05-0-2 BSB-5 4/3/2002 0 to 2 ft		BSB-05-0-2-DUP BSB-5 4/3/2002 0 to 2 ft		BSB-05-8-10 BSB-5 4/3/2002 8 to 10 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**												
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	R	10	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	15	UJ	25	UJ	10	U	25	UJ	10	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	15	U	25	UJ	25	U	10	U	10	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	15	U	5	J	3	J	10	J	10	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
67-64-1	Acetone	OLM04-2-V	ug/kg	65	U	29	UJ	10	UJ	25	UJ	170	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	10	J	6	J	10	U	25	U	2	J
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	15	UJ	25	UJ	10	U	25	UJ	10	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	15	UJ	25	UJ	48	UJ	150	J	10	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	UJ	10	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
71-43-2	Benzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	15	UJ	25	UJ	10	U	25	U	10	UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	15	UJ	25	UJ	10	U	25	U	10	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	15	U	5	J	10	U	25	U	10	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	15	U	25	UJ	25	U	10	U	10	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-04-2-4 / BSB-4 / 4/2/2002 / 2 to 4 ft		BSB-04-8-10 / BSB-4 / 4/3/2002 / 8 to 10 ft		BSB-05-0-2 / BSB-5 / 4/3/2002 / 0 to 2 ft		BSB-05-0-2-DUP / BSB-5 / 4/3/2002 / 0 to 2 ft		BSB-05-8-10 / BSB-5 / 4/3/2002 / 8 to 10 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
100-42-5	Styrene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	15	R	25	R	10	R	25	U	10	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	15	U	25	UJ	10	U	25	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-04-2-4 BSB-4 4/2/2002 2 to 4 ft		BSB-04-8-10 BSB-4 4/3/2002 8 to 10 ft		BSB-05-0-2 BSB-5 4/3/2002 0 to 2 ft		BSB-05-0-2-DUP BSB-5 4/3/2002 0 to 2 ft		BSB-05-8-10 BSB-5 4/3/2002 8 to 10 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**												
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	440	UJ	170	J	380	UJ	150	J	420	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	56	J
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	440	UJ	69	J	380	UJ	530	UJ	49	J
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	69	J	47	J	380	UJ	530	UJ	310	J
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	440	UJ	73	J	380	UJ	530	UJ	64	J
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-04-2-4 BSB-4 4/2/2002 2 to 4 ft		BSB-04-8-10 BSB-4 4/3/2002 8 to 10 ft		BSB-05-0-2 BSB-5 4/3/2002 0 to 2 ft		BSB-05-0-2-DUP BSB-5 4/3/2002 0 to 2 ft		BSB-05-8-10 BSB-5 4/3/2002 8 to 10 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**												
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	52	J	440	UJ	380	UJ	530	UJ	420	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1100	UJ	1100	UJ	960	UJ	1300	UJ	1100	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	52	J	440	UJ	380	UJ	530	UJ	200	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	59	J
86-74-8	Carbazole	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	240	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	230	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	150	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	150	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	440	UJ	650	UJ	470	UJ	530	UJ	450	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	100	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	120	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	140	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	64	J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	440	UJ	440	UJ	380	UJ	530	UJ	420	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-04-2-4 BSB-4 4/2/2002 2 to 4 ft		BSB-04-8-10 BSB-4 4/3/2002 8 to 10 ft		BSB-05-0-2 BSB-5 4/3/2002 0 to 2 ft		BSB-05-0-2-DUP BSB-5 4/3/2002 0 to 2 ft		BSB-05-8-10 BSB-5 4/3/2002 8 to 10 ft	
4-P/PCBs-: Pestcide/PCB Organics - OLM04.2													
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	22	UJ	20	UJ	20	UJ	28	UJ	22	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	4.3	UJ	3.8	UJ	3.8	UJ	5.4	UJ	4.3	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.2	UJ	2	UJ	2	UJ	2.8	UJ	2.2	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	220	UJ	200	UJ	200	UJ	280	UJ	220	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	43	UJ	38	UJ	38	UJ	54	UJ	43	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	88	UJ	78	UJ	77	UJ	110	UJ	87	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	43	UJ	38	UJ	38	UJ	54	UJ	43	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	43	UJ	38	UJ	38	UJ	54	UJ	43	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	43	UJ	38	UJ	38	UJ	54	UJ	43	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	43	UJ	38	UJ	38	UJ	54	UJ	43	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	43	UJ	38	UJ	38	UJ	54	UJ	43	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-04-2-4 / BSB-4 / 4/2/2002 / 2 to 4 ft		BSB-04-8-10 / BSB-4 / 4/3/2002 / 8 to 10 ft		BSB-05-0-2 / BSB-5 / 4/3/2002 / 0 to 2 ft		BSB-05-0-2-DUP / BSB-5 / 4/3/2002 / 0 to 2 ft		BSB-05-8-10 / BSB-5 / 4/3/2002 / 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**												
7429-90-5	Aluminum	ILM04-1-M	mg/kg	10200		3300		5400		4860		3560	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.97	UJ	1.2	UJ	0.87	UJ	0.83	UJ	0.88	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	7.8		4.6	R	12.2	R	9.9		8.3	R
7440-39-3	Barium	ILM04-1-M	mg/kg	104	J	44.4	B	37.6	B	28.3	B	40	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.7	B	0.3	B	0.3	B	0.28	B	0.36	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.77	B	0.29	B	0.46	B	0.5	B	0.45	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	8710	J	57100	J	95700	J	119000	J	97500	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	59	J	399		43.1		43.6	J	115	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	7.7	B	2.8	B	4.5	B	4.2	B	5.6	B
7440-50-8	Copper	ILM04-1-M	mg/kg	24.2		14.2		30		23.8		24.4	
7439-89-6	Iron	ILM04-1-M	mg/kg	23900	J	9000		13400		11300	J	15100	
7439-92-1	Lead	ILM04-1-M	mg/kg	14	J	24.8	J	9.4	J	10	J	10.1	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3020	J	3830		21600		29900	J	3880	
7439-96-5	Manganese	ILM04-1-M	mg/kg	909	J	382		381		344	J	548	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.09	B	0.09	B	0.08	B	0.07	B	0.06	B
7440-02-0	Nickel	ILM04-1-M	mg/kg	18.4	J	7.4	B	12.4		12.4	J	17.8	
7440-09-7	Potassium	ILM04-1-M	mg/kg	1520		778	B	1210		1400		973	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.1	U	1.4	U	1	U	0.96	U	1	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.22	U	0.27	U	0.2	U	0.19	U	0.2	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	1250		2520		206	B	245	B	201	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.4	U	1.8	U	1.3	U	1.2	U	1.3	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	21.4	J	8.1	B	11		9.7	B	13.8	
7440-66-6	Zinc	ILM04-1-M	mg/kg	96.8	J	42.4	J	73	J	61.1	J	61.8	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.14	B	0.2	B	0.15	B	0.34	B	0.11	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	BSB-04-2-4 / BSB-4 / 4/2/2002 / 2 to 4 ft		BSB-04-8-10 / BSB-4 / 4/3/2002 / 8 to 10 ft		BSB-05-0-2 / BSB-5 / 4/3/2002 / 0 to 2 ft		BSB-05-0-2-DUP / BSB-5 / 4/3/2002 / 0 to 2 ft		BSB-05-8-10 / BSB-5 / 4/3/2002 / 8 to 10 ft	
6WetChem	**Wet Chemistry**												
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4	U	15	U	4	U	4	J	4	J
pH	pH	SW9045C	S.U.	8.4		11		11		11		9.7	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	38200		101000		52800		87200		48400	
Grain Size	**Grain Size Analysis**												
Grain-4	No. 4 Sieve	ASTM-D421	%	3.6		47		53		67		31	
Grain-10	No. 10 Sieve	ASTM-D421	%	21		14		13		8.8		21	
Grain-20	No. 20 Sieve	ASTM-D421	%	21		10		10		6.9		13	
Grain-40	No. 40 Sieve	ASTM-D421	%	12		8		7.8		5.5		10	
Grain-60	No. 60 Sieve	ASTM-D421	%	9		4.9		4.6		3.3		6.5	
Grain-120	No. 120 Sieve	ASTM-D421	%										
Grain-140	No. 140 Sieve	ASTM-D421	%	15		6.6		5.1		3.8		7.4	
Grain-200	No. 200 Sieve	ASTM-D421	%	4.2		2		1.4		1		2.2	
Grain-270	No. 270 Sieve	ASTM-D421	%										
Grain-325	No. 325 Sieve	ASTM-D421	%										
Grain-400	No. 400 Sieve	ASTM-D421	%										

Cas Rn	Chemical Name	Analytic Method	Sample Code / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 / RSB-35 / 7/25/2002 / Background	RSB-36-0-2 / RSB-36 / 7/25/2002 / Background	RSB-36-0-2-DUP / RSB-36 / 7/25/2002 / Background	RSB-01-0-2 / RSB-1 / 4/8/2002 / 0 to 2 ft	RSB-02-0-2 / RSB-2 / 4/8/2002 / 0 to 2 ft	RSB-03-0-2 / RSB-3 / 4/5/2002 / 0 to 2 ft
1-VOA-s	**Volatile Organic Compounds - OLM04.2**								
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	not analyzed for Organics	not analyzed for Organics	not analyzed for Organics	39 UJ	14 U	10 UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
74-83-9	Bromomethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
75-00-3	Chloroethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg				10 J	14 U	3 J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
67-64-1	Acetone	OLM04-2-V	ug/kg				39 UJ	14 UJ	42 U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg				41 UJ	14 UJ	12 U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg				39 UJ	14 U	10 UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
78-93-3	2-Butanone	OLM04-2-V	ug/kg				39 UJ	14 UJ	10 U
67-66-3	Chloroform	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
71-43-2	Benzene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
108-88-3	Toluene	OLM04-2-V	ug/kg				4 J	14 U	10 U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg				39 UJ	14 UJ	10 U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg				39 UJ	14 U	10 U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg				39 UJ	14 U	10 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-35-0-2		RSB-36-0-2		RSB-36-0-2-DUP		RSB-01-0-2		RSB-02-0-2		RSB-03-0-2	
			Location	RSB-35		RSB-36		RSB-36		RSB-1		RSB-2		RSB-3	
			Sample Date	7/25/2002		7/25/2002		7/25/2002		4/8/2002		4/8/2002		4/5/2002	
		Unit \\ Depth		Background		Background		Background		0 to 2 ft		0 to 2 ft		0 to 2 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
100-42-5	Styrene	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
75-25-2	Bromoform	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg							39	UJ	14	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg							39	UJ	14	U	10	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg							39	UJ	14	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 / RSB-35 / 7/25/2002 / Background		RSB-36-0-2 / RSB-36 / 7/25/2002 / Background		RSB-36-0-2-DUP / RSB-36 / 7/25/2002 / Background		RSB-01-0-2 / RSB-1 / 4/8/2002 / 0 to 2 ft		RSB-02-0-2 / RSB-2 / 4/8/2002 / 0 to 2 ft		RSB-03-0-2 / RSB-3 / 4/5/2002 / 0 to 2 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	not analyzed		not analyzed		not analyzed		230	J	380	J	4000	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	for		for		for		610	UJ	820	UJ	4000	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	Organics		Organics		Organics		610	UJ	820	UJ	4000	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg							520	J	820	UJ	4000	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg							400	J	220	J	4000	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg							130	J	820	UJ	4000	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg							120	J	820	UJ	4000	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg							200	J	140	J	720	J
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg							1500	UJ	2100	UJ	10000	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg							1500	UJ	2100	UJ	10000	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg							1500	UJ	2100	UJ	10000	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg							610	UJ	820	UJ	4000	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background	RSB-36-0-2 RSB-36 7/25/2002 Background	RSB-36-0-2-DUP RSB-36 7/25/2002 Background	RSB-01-0-2 RSB-1 4/8/2002 0 to 2 ft	RSB-02-0-2 RSB-2 4/8/2002 0 to 2 ft	RSB-03-0-2 RSB-3 4/5/2002 0 to 2 ft
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	not analyzed for Organics	not analyzed for Organics	not analyzed for Organics	1500 UJ	2100 UJ	10000 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg				1500 UJ	2100 UJ	10000 UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg				72 J	820 UJ	4000 UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg				1500 UJ	2100 UJ	10000 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg				1500 UJ	2100 UJ	10000 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg				1500 UJ	2100 UJ	10000 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg				610 J	380 J	430 J
120-12-7	Anthracene	OLM04-2-SV	ug/kg				65 J	820 UJ	4000 UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg				570 J	640 J	4000 UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg				520 J	490 J	4000 UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg				260 J	220 J	4000 UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg				540 J	790 J	4000 UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg				610 UJ	90 J	4000 UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg				610 UJ	820 UJ	4000 UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg				290 J	290 J	4000 UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg				220 J	130 J	4000 UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg				230 J	180 J	4000 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg				170 J	100 J	4000 UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg				79 J	820 UJ	4000 UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg				170 J	100 J	4000 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		RSB-01-0-2 RSB-1 4/8/2002 0 to 2 ft		RSB-02-0-2 RSB-2 4/8/2002 0 to 2 ft		RSB-03-0-2 RSB-3 4/5/2002 0 to 2 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	not analyzed		not analyzed		not analyzed		3.1	UJ	2.1	UJ	2.1	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	for		for		for		3.1	UJ	2.1	UJ	2.1	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	Organics		Organics		Organics		3.1	UJ	2.1	UJ	2.1	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg							3.1	UJ	2.1	UJ	2.1	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg							3.1	UJ	2.1	UJ	2.1	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg							3.1	UJ	2.1	UJ	2.1	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg							3.1	UJ	2.1	UJ	2.1	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg							3.1	UJ	2.1	UJ	2.1	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg							33	J	22	J	21	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg							10	NJ	8.3	NJ	6.7	J
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg							6.1	UJ	4.1	UJ	4	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg							3.1	UJ	2.1	UJ	2.1	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg							3.1	UJ	2.1	UJ	2.1	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg							310	UJ	210	UJ	210	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg							61	UJ	41	UJ	40	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg							120	UJ	83	UJ	81	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg							61	UJ	41	UJ	40	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg							61	UJ	41	UJ	40	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg							61	UJ	41	UJ	40	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg							61	UJ	41	UJ	40	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg							61	UJ	41	UJ	40	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		RSB-01-0-2 RSB-1 4/8/2002 0 to 2 ft		RSB-02-0-2 RSB-2 4/8/2002 0 to 2 ft		RSB-03-0-2 RSB-3 4/5/2002 0 to 2 ft	
5-inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3340		16200		15800		7540		4930		5040	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.33	UJ	0.36	UJ	0.36	UJ	84.8	J	17.2	J	1.6	BJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	5.3		7.6		7.7		36.5		41		15.8	R
7440-39-3	Barium	ILM04-1-M	mg/kg	24.8	B	54.3		53.8		100		153		138	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.32	B	0.89	B	0.85	B	0.84	B	0.74	B	0.58	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.04	U	0.05	U	0.05	U	2.3		3		0.6	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	153000		3380		3280		21200		60400		55200	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	5.7	J	17.4	J	17.3	J	30300		6110		492	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	3.2	B	9.8	B	10	B	23.8		7.1	B	4	B
7440-50-8	Copper	ILM04-1-M	mg/kg	11.9		13.2		13		123		71.2		50.3	
7439-89-6	Iron	ILM04-1-M	mg/kg	9050		24600		24700		24800		20100		13000	
7439-92-1	Lead	ILM04-1-M	mg/kg	8.2		15.3		15.3		125		161		202	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	10600		2530		2560		999	B	1950		2550	
7439-96-5	Manganese	ILM04-1-M	mg/kg	276		422		414		314	J	254	J	248	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.05	U	0.11	BJ	0.08	BJ	0.24	J	0.46		0.18	
7440-02-0	Nickel	ILM04-1-M	mg/kg	8.9	J	26.5	J	26.5	J	43.1		16.5		11	
7440-09-7	Potassium	ILM04-1-M	mg/kg	767	B	564	B	509	B	698	B	782	B	767	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.59	U	0.67	B	1.3		4.9		5.4		1.4	
7440-22-4	Silver	ILM04-1-M	mg/kg	0.14	U	0.16	U	0.16	U	0.14	U	0.13	U	0.21	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	208	B	86.9	B	87.3	B	456	B	385	B	268	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.53	U	0.94	R	1.4	R	5.6		0.57	U	1.4	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	9.1	B	23.1		22.4		16.6		14.4		16	
7440-66-6	Zinc	ILM04-1-M	mg/kg	35.7		62.7		63.2		248		118		114	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.08	U	0.11	B	0.11	B	3.1		0.99		0.62	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		RSB-01-0-2 RSB-1 4/8/2002 0 to 2 ft		RSB-02-0-2 RSB-2 4/8/2002 0 to 2 ft		RSB-03-0-2 RSB-3 4/5/2002 0 to 2 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg							35	UJ	36	J	4	UJ
pH	pH	SW9045C	S.U.							7.1		7.9		8	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg							38600		87900		1E+05	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%							8.9		3.8		14	
Grain-10	No. 10 Sieve	ASTM-D421	%							11		17		16	
Grain-20	No. 20 Sieve	ASTM-D421	%							21		22		17	
Grain-40	No. 40 Sieve	ASTM-D421	%							16		17		13	
Grain-60	No. 60 Sieve	ASTM-D421	%							10		10		7.9	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%							15		13		11	
Grain-200	No. 200 Sieve	ASTM-D421	%							4.6		4.2		4.3	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-0-2 RSB-4 4/9/2002 0 to 2 ft		RSB-05-0-2 RSB-5 4/10/2002 0 to 2 ft		RSB-06-0-2 RSB-6 4/10/2002 0 to 2 ft		RSB-07-0-2 RSB-7 4/12/2002 0 to 2 ft		RSB-08-0-2 RSB-8 4/12/2002 0 to 2 ft		RSB-09-0-2 RSB-9 4/10/2002 0 to 2 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	R	10	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	UJ	33	UJ	10	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	8	J	3	J	4	J	13	U	15	J	3	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
67-64-1	Acetone	OLM04-2-V	ug/kg	31	UJ	10	UJ	11	UJ	13	U	33	UJ	10	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	UJ	33	UJ	10	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	39	UJ	48	UJ	45	UJ	13	UJ	180	J	43	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
71-43-2	Benzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	UJ	33	UJ	10	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	UJ	33	UJ	10	U
108-88-3	Toluene	OLM04-2-V	ug/kg	22	U	10	U	1	J	13	U	12	J	10	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-04-0-2		RSB-05-0-2		RSB-06-0-2		RSB-07-0-2		RSB-08-0-2		RSB-09-0-2	
			Location	RSB-4		RSB-5		RSB-6		RSB-7		RSB-8		RSB-9	
			Sample Date	4/9/2002		4/10/2002		4/10/2002		4/12/2002		4/12/2002		4/10/2002	
			Unit \\ Depth	0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	7	J	10	U
100-42-5	Styrene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	22	U	10	R	11	R	13	R	33	UJ	10	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	22	U	10	U	11	U	13	U	33	UJ	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-0-2 RSB-4 4/9/2002 0 to 2 ft		RSB-05-0-2 RSB-5 4/10/2002 0 to 2 ft		RSB-06-0-2 RSB-6 4/10/2002 0 to 2 ft		RSB-07-0-2 RSB-7 4/12/2002 0 to 2 ft		RSB-08-0-2 RSB-8 4/12/2002 0 to 2 ft		RSB-09-0-2 RSB-9 4/10/2002 0 to 2 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	47	J	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	110	J	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	54	J	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1100	U	960	UJ	1100	UJ	29000	UJ	1900	UJ	920	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1100	U	960	UJ	1100	UJ	29000	UJ	1900	UJ	920	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1100	U	960	UJ	1100	UJ	29000	UJ	1900	UJ	920	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	2900	J	780	UJ	370	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-0-2 RSB-4 4/9/2002 0 to 2 ft		RSB-05-0-2 RSB-5 4/10/2002 0 to 2 ft		RSB-06-0-2 RSB-6 4/10/2002 0 to 2 ft		RSB-07-0-2 RSB-7 4/12/2002 0 to 2 ft		RSB-08-0-2 RSB-8 4/12/2002 0 to 2 ft		RSB-09-0-2 RSB-9 4/10/2002 0 to 2 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1100	U	960	UJ	1100	UJ	29000	UJ	1900	UJ	920	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1100	U	960	UJ	1100	UJ	29000	UJ	1900	UJ	920	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	62	J	380	UJ	460	UJ	1500	J	780	UJ	370	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	74	J	380	UJ	460	UJ	2500	J	780	UJ	370	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1100	U	960	UJ	1100	UJ	29000	UJ	1900	UJ	920	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1100	U	960	UJ	1100	UJ	29000	UJ	1900	UJ	920	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1100	U	960	UJ	67	J	29000	UJ	1900	UJ	920	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	620		380	UJ	460	UJ	19000	J	780	UJ	370	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	92	J	380	UJ	460	UJ	5600	J	780	UJ	370	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	65	J	380	UJ	460	UJ	3100	J	780	UJ	370	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	610		380	UJ	53	J	25000	J	780	UJ	56	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	500		380	UJ	48	J	22000	J	780	UJ	53	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	230	J	380	UJ	460	UJ	15000	J	780	UJ	370	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	300	J	380	UJ	460	UJ	14000	J	780	UJ	44	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	280	J	470	UJ	460	UJ	11000	UJ	2100	UJ	370	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	11000	UJ	780	UJ	370	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	220	J	380	UJ	460	UJ	13000	J	780	UJ	37	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	180	J	380	UJ	460	UJ	9300	J	780	UJ	370	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	210	J	380	UJ	460	UJ	14000	J	780	UJ	370	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	110	J	380	UJ	460	UJ	7700	J	780	UJ	370	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	450	U	380	UJ	460	UJ	2300	J	780	UJ	370	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	100	J	380	UJ	460	UJ	7800	J	780	UJ	370	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	RSB-04-0-2 RSB-4 4/9/2002 0 to 2 ft		RSB-05-0-2 RSB-5 4/10/2002 0 to 2 ft		RSB-06-0-2 RSB-6 4/10/2002 0 to 2 ft		RSB-07-0-2 RSB-7 4/12/2002 0 to 2 ft		RSB-08-0-2 RSB-8 4/12/2002 0 to 2 ft		RSB-09-0-2 RSB-9 4/10/2002 0 to 2 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.6	J	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	4	UJ	1.9	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.5	U	3.8	UJ	4.5	UJ	3.7	UJ	8.7	J	3.7	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.5	U	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.5	U	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	23	NJ	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.5	U	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.5	U	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.5	U	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	23	U	20	UJ	23	UJ	19	UJ	40	UJ	19	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.5	U	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	11	R	3.8	UJ	4.5	UJ	3.7	UJ	7.9	UJ	3.7	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	28	J	1.9	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.3	U	2	UJ	2.3	UJ	1.9	UJ	16	J	1.9	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	230	U	200	UJ	230	UJ	190	UJ	400	UJ	190	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	45	U	38	UJ	45	UJ	37	UJ	79	UJ	37	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	91	U	77	UJ	92	UJ	76	UJ	160	UJ	75	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	45	U	38	UJ	45	UJ	37	UJ	79	UJ	37	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	45	U	38	UJ	45	UJ	37	UJ	79	UJ	37	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	45	U	38	UJ	45	UJ	37	UJ	79	UJ	37	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	45	U	38	UJ	45	UJ	37	UJ	79	UJ	37	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	45	U	38	UJ	45	UJ	37	UJ	79	UJ	37	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-0-2 RSB-4 4/9/2002 0 to 2 ft		RSB-05-0-2 RSB-5 4/10/2002 0 to 2 ft		RSB-06-0-2 RSB-6 4/10/2002 0 to 2 ft		RSB-07-0-2 RSB-7 4/12/2002 0 to 2 ft		RSB-08-0-2 RSB-8 4/12/2002 0 to 2 ft		RSB-09-0-2 RSB-9 4/10/2002 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	2930		8780		12400		7950		5110	J	7680	
7440-36-0	Antimony	ILM04-1-M	mg/kg	11.5	B	0.55	U	24.5		59.4		260	J	0.5	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	138	R	4		9.4		10.2		18.5	J	7.7	
7440-39-3	Barium	ILM04-1-M	mg/kg	400		58.1		64.7		84.2		54.4	BJ	54.7	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.21	B	0.54	B	0.65	B	0.38	B	0.09	UJ	0.45	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	3.8		0.54	B	1.1	B	3.1		2.1	BJ	0.53	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	####	J	21800	J	23900	J	53200	J	2E+05	J	61700	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	2750		29.7		8800		21900		75800	J	13.6	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	10.9	B	10.3	B	13.4		6.4	B	8.7	BJ	8.7	B
7440-50-8	Copper	ILM04-1-M	mg/kg	96.3		27.4		35.9		41.9		107	J	18.7	
7439-89-6	Iron	ILM04-1-M	mg/kg	####		19900		27500		15200		5360	J	21000	
7439-92-1	Lead	ILM04-1-M	mg/kg	99.6		14.1		56.4		129		300	J	42.7	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3180		3310		3520		2320		2240	J	3570	
7439-96-5	Manganese	ILM04-1-M	mg/kg	637		424		399		166		112	J	379	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.43	J	0.04	UJ	0.05	UJ	0.8		0.41	J	0.04	UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	25.6		25.7		32.8		13.9	B	10.7	BJ	23	
7440-09-7	Potassium	ILM04-1-M	mg/kg	555	B	809	B	806	B	860	B	561	BJ	951	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	3.3		0.56	B	1.4		2.2		4.4	J	1	B
7440-22-4	Silver	ILM04-1-M	mg/kg	0.13	U	0.12	U	0.12	U	0.18	U	0.22	UJ	0.11	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	519	B	150	B	214	B	351	B	718	BJ	173	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.58	U	0.55	U	0.54	U	3.6		17.2	J	0.5	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	13.9		16.9		28.4		28.1		57.1	J	14.5	
7440-66-6	Zinc	ILM04-1-M	mg/kg	218	J	61.4	J	89	J	90.5	J	132	J	74.3	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.85		0.06	B	0.25	B	0.47	B	0.98	BJ	0.08	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-0-2 RSB-4 4/9/2002 0 to 2 ft			RSB-05-0-2 RSB-5 4/10/2002 0 to 2 ft			RSB-06-0-2 RSB-6 4/10/2002 0 to 2 ft			RSB-07-0-2 RSB-7 4/12/2002 0 to 2 ft			RSB-08-0-2 RSB-8 4/12/2002 0 to 2 ft			RSB-09-0-2 RSB-9 4/10/2002 0 to 2 ft		
6WetChem-s	**Wet Chemistry**																				
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	16	U		4	U		6			5	U		10	U		4	U	
pH	pH	SW9045C	S.U.	7.8			7.8			7.9			7.6			7.4			8.1		
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	####			19000			18700			49600			1E+05			20800		
Grain Size	**Grain Size Analysis**																				
Grain-4	No. 4 Sieve	ASTM-D421	%	44			24			16			10			0			13		
Grain-10	No. 10 Sieve	ASTM-D421	%	8.5			20			26			6.1			4.4			25		
Grain-20	No. 20 Sieve	ASTM-D421	%	13			11			22			28			25			26		
Grain-40	No. 40 Sieve	ASTM-D421	%	11			5.3			11			17			17			11		
Grain-60	No. 60 Sieve	ASTM-D421	%	6.1			20			5.1			10			11			5.4		
Grain-120	No. 120 Sieve	ASTM-D421	%																		
Grain-140	No. 140 Sieve	ASTM-D421	%	7.6			3.8			5.8			12			16			6.5		
Grain-200	No. 200 Sieve	ASTM-D421	%	2.4			2.1			2			3.5			6.4			2.5		
Grain-270	No. 270 Sieve	ASTM-D421	%																		
Grain-325	No. 325 Sieve	ASTM-D421	%																		
Grain-400	No. 400 Sieve	ASTM-D421	%																		

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-10-0-2 RSB-10 4/9/2002 0 to 2 ft	RSB-11-0-2 RSB-11 4/9/2002 0 to 2 ft	RSB-12-0-2 RSB-12 4/5/2002 0 to 2 ft	RSB-13-0-2 RSB-13 4/4/2002 0 to 2 ft	RSB-14-0-2 RSB-14 4/5/2002 0 to 2 ft	RSB-15-0-2 RSB-15 4/8/2002 0 to 2 ft
1-VOA-s	**Volatile Organic Compounds - OLM04.2**								
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 UJ	15 U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 UJ	11 U	15 U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	1 J	4 J	11 J	3 J	3 J	6 J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
67-64-1	Acetone	OLM04-2-V	ug/kg	42 UJ	15 UJ	10 UJ	13 U	42 U	16 UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 UJ	11 U	15 U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	50 UJ	36 UJ	17 UJ	20 UJ	11 U	15 UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	4 J	15 U	10 UJ	13 U	11 U	15 UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
71-43-2	Benzene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 UJ	11 U	15 U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 UJ	11 U	15 UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 UJ
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	10 U	15 U	10 UJ	13 U	11 U	15 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-10-0-2 RSB-10 4/9/2002 0 to 2 ft		RSB-11-0-2 RSB-11 4/9/2002 0 to 2 ft		RSB-12-0-2 RSB-12 4/5/2002 0 to 2 ft		RSB-13-0-2 RSB-13 4/4/2002 0 to 2 ft		RSB-14-0-2 RSB-14 4/5/2002 0 to 2 ft		RSB-15-0-2 RSB-15 4/8/2002 0 to 2 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	10	R	15	R	10	R	13	R	11	U	15	UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	10	U	15	U	10	UJ	13	U	11	U	15	UJ

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	RSB-10-0-2		RSB-11-0-2		RSB-12-0-2		RSB-13-0-2		RSB-14-0-2		RSB-15-0-2	
				Location	RSB-10		RSB-11		RSB-12		RSB-13		RSB-14		RSB-15	
				Sample Date	4/9/2002		4/9/2002		4/5/2002		4/4/2002		4/5/2002		4/8/2002	
					0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**															
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	UJ	400	UJ	280	J
108-95-2	Phenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	UJ	400	UJ	1900	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg		1900	R	110	J	11000	UJ	4200	U	400	UJ	510	J
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg		1900	R	52	J	11000	UJ	4200	U	400	UJ	550	J
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg		1900	R	210	J	11000	UJ	4200	U	400	UJ	810	J
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg		4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg		4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg		4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg		1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-10-0-2 RSB-10 4/9/2002 0 to 2 ft		RSB-11-0-2 RSB-11 4/9/2002 0 to 2 ft		RSB-12-0-2 RSB-12 4/5/2002 0 to 2 ft		RSB-13-0-2 RSB-13 4/4/2002 0 to 2 ft		RSB-14-0-2 RSB-14 4/5/2002 0 to 2 ft		RSB-15-0-2 RSB-15 4/8/2002 0 to 2 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	1900	R	63	J	11000	UJ	4200	U	400	UJ	260	J
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	4800	R	1200	UJ	29000	UJ	10000	U	990	UJ	4800	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	1900	R	390	J	4200	J	2500	J	66	J	1300	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	1900	R	430	J	6800	J	3400	J	110	J	1000	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	1900	R	400	J	6100	J	2800	J	92	J	780	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	1900	R	210	J	3600	J	1200	J	43	J	410	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	1900	R	330	J	3700	J	1300	J	58	J	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	1900	UJ	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	1900	R	230	J	2700	J	1000	J	50	J	490	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	1900	R	230	J	3300	J	1100	J	400	UJ	260	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	1900	R	210	J	3300	J	1100	J	45	J	290	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	1900	R	110	J	2200	J	750	J	400	UJ	1900	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	1900	R	480	UJ	11000	UJ	4200	U	400	UJ	1900	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	1900	R	96	J	2300	J	580	J	400	UJ	1900	UJ

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	RSB-10-0-2	RSB-11-0-2	RSB-12-0-2	RSB-13-0-2	RSB-14-0-2	RSB-15-0-2
				Location	RSB-10	RSB-11	RSB-12	RSB-13	RSB-14	RSB-15
				Sample Date	4/9/2002	4/9/2002	4/5/2002	4/4/2002	4/5/2002	4/8/2002
					0 to 2 ft	0 to 2 ft	0 to 2 ft	0 to 2 ft	0 to 2 ft	0 to 2 ft
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**									
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg		2 UJ	2.6 J	1.9 UJ	2.1 U	2 UJ	2 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg		3.8 UJ	4.8 UJ	3.8 UJ	4.1 U	4 UJ	3.8 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg		3.8 UJ	8.9 J	3.8 UJ	4.1 U	4 UJ	3.8 UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg		3.8 UJ	4.8 UJ	3.8 UJ	4.1 U	4 UJ	3.8 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg		3.8 UJ	4.8 UJ	3.8 UJ	4.7 R	4 UJ	3.8 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg		3.8 UJ	4.9 J	3.8 UJ	4.1 U	4 UJ	3.8 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg		3.8 UJ	4.8 UJ	3.8 UJ	6.2 J	4 UJ	3.8 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg		3.8 UJ	9.2 J	3.8 UJ	4 J	4 UJ	3.8 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg		20 UJ	25 UJ	19 UJ	21 U	20 UJ	52 J
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg		3.8 UJ	5.3 J	12 J	2.6 J	4 UJ	13 R
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg		3.8 UJ	4.8 UJ	3.8 UJ	4.1 U	4 UJ	3.8 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg		2 UJ	2.5 UJ	1.9 UJ	2.1 U	2 UJ	2 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg		200 UJ	250 UJ	190 UJ	210 U	200 UJ	200 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg		38 UJ	48 UJ	38 UJ	41 U	40 UJ	38 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg		78 UJ	98 UJ	77 UJ	83 U	81 UJ	77 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg		38 UJ	48 UJ	38 UJ	41 U	40 UJ	38 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg		38 UJ	48 UJ	38 UJ	41 U	40 UJ	38 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg		38 UJ	48 UJ	38 UJ	41 U	40 UJ	38 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg		38 UJ	48 UJ	38 UJ	41 U	40 UJ	38 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg		38 UJ	48 UJ	38 UJ	41 U	40 UJ	38 UJ

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	RSB-10-0-2		RSB-11-0-2		RSB-12-0-2		RSB-13-0-2		RSB-14-0-2		RSB-15-0-2	
				Location	RSB-10		RSB-11		RSB-12		RSB-13		RSB-14		RSB-15	
				Sample Date	4/9/2002		4/9/2002		4/5/2002		4/4/2002		4/5/2002		4/8/2002	
					0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**															
7429-90-5	Aluminum	ILM04-1-M	mg/kg		11300		5520		3650		9080		9070		1000	
7440-36-0	Antimony	ILM04-1-M	mg/kg		0.5	UJ	0.49	U	0.91	UJ	0.95	UJ	0.49	UJ	1.3	BJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg		5.7		24.6	R	11.3	R	8.1	R	5.5		19.5	
7440-39-3	Barium	ILM04-1-M	mg/kg		91.6		84.6		103		112		51.8		56.2	
7440-41-7	Beryllium	ILM04-1-M	mg/kg		0.6	B	0.54	B	0.42	B	0.49	B	0.42	B	0.53	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg		0.66	B	0.56	B	0.32	B	0.74	B	0.57	B	0.33	B
7440-70-2	Calcium	ILM04-1-M	mg/kg		5250		52700	J	106000	J	28000	J	21900		8130	
7440-47-3	Chromium	ILM04-1-M	mg/kg		18.7		10		65.1		23.1		17.8		482	
7440-48-4	Cobalt	ILM04-1-M	mg/kg		13.4		5.1	B	2.3	B	8.2	B	7.1	B	2.7	B
7440-50-8	Copper	ILM04-1-M	mg/kg		22.5		59.1		34.8		31		17.8		27.8	
7439-89-6	Iron	ILM04-1-M	mg/kg		28500		14700		7410		22300		20400		19700	
7439-92-1	Lead	ILM04-1-M	mg/kg		112		79.8		84.4	J	155	J	54.2		29.7	
7439-95-4	Magnesium	ILM04-1-M	mg/kg		3630		2550		2990		3550		3380		491	B
7439-96-5	Manganese	ILM04-1-M	mg/kg		366	J	205		132		439		390	J	48.8	J
7439-97-6	Mercury	ILM04-1-M	mg/kg		0.09	BJ	0.16	J	0.6		0.26		0.07	BJ	0.1	BJ
7440-02-0	Nickel	ILM04-1-M	mg/kg		40		14.5		7	B	22.6		21.4		6.3	B
7440-09-7	Potassium	ILM04-1-M	mg/kg		975	B	1020	B	734	B	1110	B	713	B	280	B
7782-49-2	Selenium	ILM04-1-M	mg/kg		1.1	B	1	B	1	U	1.9		0.8	B	3.4	
7440-22-4	Silver	ILM04-1-M	mg/kg		0.11	U	0.11	U	0.2	U	0.21	U	0.11	U	0.11	U
7440-23-5	Sodium	ILM04-1-M	mg/kg		196	B	221	B	292	B	336	B	200	B	210	B
7440-28-0	Thallium	ILM04-1-M	mg/kg		0.5	U	0.49	U	1.4	U	1.4	U	0.49	U	0.49	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg		17.1		14.7		15.1		18		15.4		9	B
7440-66-6	Zinc	ILM04-1-M	mg/kg		100		111	J	66.9	J	223	J	103		28.2	
57-12-5	Cyanide	ILM04-1-CN	mg/kg		0.07	B	0.2	B	0.32	B	0.19	B	0.1	B	0.13	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-10-0-2 / RSB-10 / 4/9/2002 / 0 to 2 ft		RSB-11-0-2 / RSB-11 / 4/9/2002 / 0 to 2 ft		RSB-12-0-2 / RSB-12 / 4/5/2002 / 0 to 2 ft		RSB-13-0-2 / RSB-13 / 4/4/2002 / 0 to 2 ft		RSB-14-0-2 / RSB-14 / 4/5/2002 / 0 to 2 ft		RSB-15-0-2 / RSB-15 / 4/8/2002 / 0 to 2 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compounds)	SW7196A	mg/kg	4	U	4	U	4	UJ	8	U	4	UJ	9	J
pH	pH	SW9045C	S.U.	7.7		7.9		7.8		7.9		7.9		7.2	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	10300		71600		61000		31300		18500		72300	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	27		37		34		5.5		5.4		13	
Grain-10	No. 10 Sieve	ASTM-D421	%	28		8.7		26		12		21		17	
Grain-20	No. 20 Sieve	ASTM-D421	%	21		17		14		25		24		14	
Grain-40	No. 40 Sieve	ASTM-D421	%	8.4		11		6.3		17		13		12	
Grain-60	No. 60 Sieve	ASTM-D421	%	3.8		5.5		2.9		9.1		8.5		9	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	4.2		6.8		5.1		12		12		13	
Grain-200	No. 200 Sieve	ASTM-D421	%	1.4		2.1		2.1		3.6		3.7		4.9	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-0-2 RSB-16 4/9/2002 0 to 2 ft		RSB-17-0-2 RSB-17 4/9/2002 0 to 2 ft		RSB-18-0-2 RSB-18 4/22/2002 0 to 2 ft		RSB-19-0-2 RSB-19 4/4/2002 0 to 2 ft		RSB-26-0-2 RSB-26 4/10/2002 0 to 2 ft		RSB-26-0-2-DUF RSB-26 4/10/2002 0 to 2 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	14	U	23	U	not analyzed		not analyzed		10	U	10	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	14	U	23	U	for		for		10	U	10	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	14	U	23	U	Organics		Organics		10	U	10	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	2	J	4	J					10	U	2	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
67-64-1	Acetone	OLM04-2-V	ug/kg	33	UJ	23	UJ					10	UJ	10	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	30	UJ	26	UJ					13	UJ	23	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	14	U	23	UJ					10	U	10	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
71-43-2	Benzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
108-88-3	Toluene	OLM04-2-V	ug/kg	14	U	5	J					10	U	10	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	14	U	23	UJ					10	U	10	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U

Cas Rn	Chemical Name	Analytic Method	Sample Code	RSB-16-0-2		RSB-17-0-2		RSB-18-0-2		RSB-19-0-2		RSB-26-0-2		RSB-26-0-2-DUP	
			Location	RSB-16		RSB-17		RSB-18		RSB-19		RSB-26		RSB-26	
			Sample Date	4/9/2002		4/9/2002		4/22/2002		4/4/2002		4/10/2002		4/10/2002	
			Unit \\ Depth	0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft		0 to 2 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	14	U	3	J					10	U	10	U
100-42-5	Styrene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	14	R	23	U					10	R	10	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	14	U	23	U					10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-0-2 RSB-16 4/9/2002 0 to 2 ft		RSB-17-0-2 RSB-17 4/9/2002 0 to 2 ft		RSB-18-0-2 RSB-18 4/22/2002 0 to 2 ft		RSB-19-0-2 RSB-19 4/4/2002 0 to 2 ft		RSB-26-0-2 RSB-26 4/10/2002 0 to 2 ft		RSB-26-0-2-DUF RSB-26 4/10/2002 0 to 2 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	82	J	81	J	not analyzed		not analyzed		3600	UJ	11000	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	76	J	500	U	for		for		3600	UJ	11000	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	370	UJ	500	U	Organics		Organics		3600	UJ	11000	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	180	J	500	U					3600	UJ	11000	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	460	J	210	J					3600	UJ	11000	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	100	J	500	U					3600	UJ	11000	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	260	J	110	J					3600	UJ	11000	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	930	UJ	1300	U					9000	UJ	28000	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	50	J	500	U					3600	UJ	11000	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	930	UJ	1300	U					9000	UJ	28000	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	930	UJ	1300	U					9000	UJ	28000	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	220	J	500	U					3600	UJ	11000	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-0-2 RSB-16 4/9/2002 0 to 2 ft		RSB-17-0-2 RSB-17 4/9/2002 0 to 2 ft		RSB-18-0-2 RSB-18 4/22/2002 0 to 2 ft		RSB-19-0-2 RSB-19 4/4/2002 0 to 2 ft		RSB-26-0-2 RSB-26 4/10/2002 0 to 2 ft		RSB-26-0-2-DUF RSB-26 4/10/2002 0 to 2 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	930	UJ	1300	U	not analyzed		not analyzed		9000	UJ	28000	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	930	UJ	1300	U	for		for		9000	UJ	28000	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	170	J	500	U	Organics		Organics		3600	UJ	1400	J
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	260	J	500	U					570	J	2900	J
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	930	UJ	1300	U					9000	UJ	28000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	930	UJ	1300	U					9000	UJ	28000	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	930	UJ	1300	U					9000	UJ	28000	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	2000	J	250	J					3700	J	13000	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	480	J	500	U					770	J	2600	J
86-74-8	Carbazole	OLM04-2-SV	ug/kg	220	J	500	U					3600	UJ	11000	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	1500	J	290	J					5500	J	13000	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	1400	J	230	J					4300	J	9300	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	760	J	140	J					3000	J	6500	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	1000	J	240	J					2900	J	6000	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	370	UJ	540						3600	UJ	11000	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	370	UJ	500	U					3600	UJ	11000	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	680	J	170	J					2000	J	4300	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	550	J	130	J					3000	J	5100	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	560	J	120	J					2700	J	5000	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	110	J	67	J					1600	J	3000	J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	53	J	500	U					3600	UJ	11000	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	83	J	56	J					1500	J	11000	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-0-2 RSB-16 4/9/2002 0 to 2 ft		RSB-17-0-2 RSB-17 4/9/2002 0 to 2 ft		RSB-18-0-2 RSB-18 4/22/2002 0 to 2 ft		RSB-19-0-2 RSB-19 4/4/2002 0 to 2 ft		RSB-26-0-2 RSB-26 4/10/2002 0 to 2 ft		RSB-26-0-2-DUF RSB-26 4/10/2002 0 to 2 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U	not analyzed		not analyzed		1.9	UJ	1.9	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U	for		for		1.9	UJ	1.9	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U	Organics		Organics		1.9	UJ	1.9	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	1.9	UJ	1.9	J					1.9	UJ	1.9	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U					1.9	UJ	1.9	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U					1.9	UJ	1.9	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U					1.9	UJ	1.9	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U					1.9	UJ	1.9	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	3.8	UJ	5	U					4.4	NJ	3.8	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	3.8	UJ	5	U					3.6	UJ	3.8	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	3.8	UJ	5	U					3.6	UJ	3.8	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	3.8	UJ	5	U					3.6	UJ	3.8	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	3.8	UJ	5	U					3.6	UJ	3.8	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	3.8	UJ	5	U					3.6	UJ	3.8	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	3.8	UJ	5	U					6.6	J	3.8	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	19	UJ	26	U					19	UJ	19	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	18	J	5	U					14	J	9.6	J
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	3.8	UJ	5	U					3.6	UJ	3.8	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U					1.9	UJ	1.9	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	1.9	UJ	2.6	U					1.9	UJ	1.9	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	190	UJ	260	U					190	UJ	190	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	38	UJ	50	U					36	UJ	38	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	76	UJ	100	U					74	UJ	77	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	38	UJ	50	U					36	UJ	38	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	38	UJ	50	U					36	UJ	38	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	38	UJ	50	U					36	UJ	38	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	38	UJ	50	U					36	UJ	38	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	38	UJ	50	U					36	UJ	38	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-0-2 RSB-16 4/9/2002 0 to 2 ft		RSB-17-0-2 RSB-17 4/9/2002 0 to 2 ft		RSB-18-0-2 RSB-18 4/22/2002 0 to 2 ft		RSB-19-0-2 RSB-19 4/4/2002 0 to 2 ft		RSB-26-0-2 RSB-26 4/10/2002 0 to 2 ft		RSB-26-0-2-DUF RSB-26 4/10/2002 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	1230		5770		6530		7040		4840		4990	
7440-36-0	Antimony	ILM04-1-M	mg/kg	34.1		27.5		1.1	UJ	1.2	UJ	0.46	U	0.45	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	52.9	R	31.9	R	16		14	R	3.8		4.4	R
7440-39-3	Barium	ILM04-1-M	mg/kg	201		92.7		118		114		38.1	B	36.7	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.45	B	0.4	B	0.45	B	0.51	B	0.26	B	0.29	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	2		4.1		0.33	B	0.67	B	0.42	B	0.47	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	####	J	####	J	56400	J	62700	J	145000	J	151000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	####		8930		660		173		8.8		8.6	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	8	B	3.9	B	5.4	B	6.4	B	4.6	B	4.5	B
7440-50-8	Copper	ILM04-1-M	mg/kg	59.9		42.8		29.5	J	34.5		12.8		12.6	
7439-89-6	Iron	ILM04-1-M	mg/kg	####		9830		16000		18700		11800		11300	
7439-92-1	Lead	ILM04-1-M	mg/kg	319		189		50.7		62.7	J	49.6		34.4	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	105	B	3360		3110	J	3610		5550		7880	
7439-96-5	Manganese	ILM04-1-M	mg/kg	59.7		123		452	J	595		272		359	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.24	J	0.39	J	0.23		0.2		0.05	UJ	0.12	J
7440-02-0	Nickel	ILM04-1-M	mg/kg	9.5	B	20.4		15.2		18.6		13.7		13.5	
7440-09-7	Potassium	ILM04-1-M	mg/kg	143	B	1140	B	705	B	992	B	774	B	895	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	8.1		3.5		0.66	UJ	1.4	B	0.59	B	0.43	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.13	U	0.16	U	0.33	U	0.26	U	0.1	U	0.1	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	173	B	412	B	542	BJ	209	B	169	B	171	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.56	U	1.2	B	1.1	U	1.7	U	0.46	U	0.45	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	11.3	B	19.2		14.3	B	16.5		11.9		11.3	
7440-66-6	Zinc	ILM04-1-M	mg/kg	46.7	J	121	J	80.2		119	J	63	J	51.7	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	1.3		1.3		1		0.35	B	0.09	B	0.08	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-0-2 / RSB-16 / 4/9/2002 / 0 to 2 ft		RSB-17-0-2 / RSB-17 / 4/9/2002 / 0 to 2 ft		RSB-18-0-2 / RSB-18 / 4/22/2002 / 0 to 2 ft		RSB-19-0-2 / RSB-19 / 4/4/2002 / 0 to 2 ft		RSB-26-0-2 / RSB-26 / 4/10/2002 / 0 to 2 ft		RSB-26-0-2-DUF / RSB-26 / 4/10/2002 / 0 to 2 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	7	U	19	U	4	U	8	U	4	U	4	U
pH	pH	SW9045C	S.U.	6.2		7.8		7.9		7.8		8.3		8.1	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	####		####		115000		43900		44100		40200	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	5.5		5.8		18		33		25		34	
Grain-10	No. 10 Sieve	ASTM-D421	%	16		24		13		18		20		19	
Grain-20	No. 20 Sieve	ASTM-D421	%	22		25		27		23		24		20	
Grain-40	No. 40 Sieve	ASTM-D421	%	15		14		15		11		13		10	
Grain-60	No. 60 Sieve	ASTM-D421	%	9.4		7.7		8.2		5		5.1		4.3	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	13		9.3		9.2		5.2		5		4.5	
Grain-200	No. 200 Sieve	ASTM-D421	%	4.3		3.7		2.5		1.5		1.6		1.7	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-48-0-2 RSB-48 10/24/2002 0 to 2 ft	RSB-49-0-2 RSB-49 10/24/2002 0 to 2 ft
1-VOA-s	**Volatile Organic Compounds - OLM04.2**				
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	not analyzed for Organics	not analyzed for Organics
74-87-3	Chloromethane	OLM04-2-V	ug/kg		
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg		
74-83-9	Bromomethane	OLM04-2-V	ug/kg		
75-00-3	Chloroethane	OLM04-2-V	ug/kg		
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg		
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg		
67-64-1	Acetone	OLM04-2-V	ug/kg		
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg		
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg		
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg		
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg		
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg		
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg		
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg		
78-93-3	2-Butanone	OLM04-2-V	ug/kg		
67-66-3	Chloroform	OLM04-2-V	ug/kg		
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg		
110-82-7	Cyclohexane	OLM04-2-V	ug/kg		
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg		
71-43-2	Benzene	OLM04-2-V	ug/kg		
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg		
79-01-6	Trichloroethene	OLM04-2-V	ug/kg		
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg		
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg		
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg		
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg		
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg		
108-88-3	Toluene	OLM04-2-V	ug/kg		
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg		
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg		
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg		
591-78-6	2-Hexanone	OLM04-2-V	ug/kg		
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg		
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg		
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg		

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-48-0-2 RSB-48 10/24/2002 0 to 2 ft			RSB-49-0-2 RSB-49 10/24/2002 0 to 2 ft		
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg						
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg						
100-42-5	Styrene	OLM04-2-V	ug/kg						
75-25-2	Bromoform	OLM04-2-V	ug/kg						
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg						
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg						
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg						
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg						
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg						
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg						
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg						

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-48-0-2 / RSB-48 / 10/24/2002 / 0 to 2 ft	RSB-49-0-2 / RSB-49 / 10/24/2002 / 0 to 2 ft
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**				
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg		
108-95-2	Phenol	OLM04-2-SV	ug/kg		
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg		
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg		
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg		
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg		
98-86-2	Acetophenone	OLM04-2-SV	ug/kg		
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg		
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg		
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg		
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg		
78-59-1	Isophorone	OLM04-2-SV	ug/kg		
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg		
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg		
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg		
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg		
91-20-3	Naphthalene	OLM04-2-SV	ug/kg		
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg		
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg		
105-60-2	Caprolactam	OLM04-2-SV	ug/kg		
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg		
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg		
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg		
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg		
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg		
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg		
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg		
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg		
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg		
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg		
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg		
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg		
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg		

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	RSB-48-0-2 RSB-48 10/24/2002 0 to 2 ft			RSB-49-0-2 RSB-49 10/24/2002 0 to 2 ft		
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg						
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg						
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg						
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg						
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg						
86-73-7	Fluorene	OLM04-2-SV	ug/kg						
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg						
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg						
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg						
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg						
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg						
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg						
1912-24-9	Atrazine	OLM04-2-SV	ug/kg						
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg						
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg						
120-12-7	Anthracene	OLM04-2-SV	ug/kg						
86-74-8	Carbazole	OLM04-2-SV	ug/kg						
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg						
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg						
129-00-0	Pyrene	OLM04-2-SV	ug/kg						
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg						
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg						
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg						
218-01-9	Chrysene	OLM04-2-SV	ug/kg						
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg						
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg						
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg						
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg						
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg						
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg						
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg						
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg						

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-48-0-2 / RSB-48 / 10/24/2002 / 0 to 2 ft	RSB-49-0-2 / RSB-49 / 10/24/2002 / 0 to 2 ft
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**				
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg		
319-85-7	beta-BHC	OLM04-2-PP	ug/kg		
319-86-8	delta-BHC	OLM04-2-PP	ug/kg		
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg		
76-44-8	Heptachlor	OLM04-2-PP	ug/kg		
309-00-2	Aldrin	OLM04-2-PP	ug/kg		
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg		
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg		
60-57-1	Dieldrin	OLM04-2-PP	ug/kg		
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg		
72-20-8	Endrin	OLM04-2-PP	ug/kg		
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg		
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg		
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg		
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg		
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg		
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg		
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg		
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg		
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg		
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg		
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg		
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg		
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg		
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg		
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg		
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg		
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg		

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-48-0-2 RSB-48 10/24/2002 0 to 2 ft		RSB-49-0-2 RSB-49 10/24/2002 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**						
7429-90-5	Aluminum	ILM04-1-M	mg/kg	5330	*	1720	
7440-36-0	Antimony	ILM04-1-M	mg/kg	1.1	U	0.72	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	12.6	*	3.1	*J
7440-39-3	Barium	ILM04-1-M	mg/kg	101		12.5	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.56	B	0.22	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.12	U	0.08	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	14200		263000	*
7440-47-3	Chromium	ILM04-1-M	mg/kg	183	N*J	5.2	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	6.2	B	1.9	B
7440-50-8	Copper	ILM04-1-M	mg/kg	16.5	*	7.8	R
7439-89-6	Iron	ILM04-1-M	mg/kg	13400	*	5370	*
7439-92-1	Lead	ILM04-1-M	mg/kg	22.8	*	5.8	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	1850		9800	*
7439-96-5	Manganese	ILM04-1-M	mg/kg	519	*	179	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.14	R	0.11	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	13.1		8.7	
7440-09-7	Potassium	ILM04-1-M	mg/kg	214	BE	430	BE
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.91	UJ	0.61	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.36	B	0.23	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	143	U	96.9	U
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.94	U	0.64	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	11	B	10.8	J
7440-66-6	Zinc	ILM04-1-M	mg/kg	59.5	*	31.4	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.17	B	0.35	B

Hiteman Leather Site
Onsite Surface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-48-0-2 RSB-48 10/24/2002 0 to 2 ft			RSB-49-0-2 RSB-49 10/24/2002 0 to 2 ft		
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	6.28	UJ		4.12	UJ	
pH	pH	SW9045C	S.U.	7.5			7.8		
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg						
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%						
Grain-10	No. 10 Sieve	ASTM-D421	%						
Grain-20	No. 20 Sieve	ASTM-D421	%						
Grain-40	No. 40 Sieve	ASTM-D421	%						
Grain-60	No. 60 Sieve	ASTM-D421	%						
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%						
Grain-200	No. 200 Sieve	ASTM-D421	%						
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 / RSB-35 / 7/25/2002 / Background		RSB-35-4-6 / RSB-35 / 7/25/2002 / Background		RSB-36-2-4 / RSB-36 / 7/25/2002 / Background		RSB-36-4-6 / RSB-36 / 7/25/2002 / Background		RSB-01-2-4 / RSB-1 / 4/8/2002 / 2 to 4 ft		RSB-01-2-4-DUP / RSB-1 / 4/8/2002 / 2 to 4 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg									21	U	26	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg									21	U	26	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg									21	U	26	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg									21	U	26	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg									21	U	26	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg									11	J	7	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg									21	U	26	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg									21	U	26	U
67-64-1	Acetone	OLM04-2-V	ug/kg									21	UJ	39	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg									21	U	26	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg									21	U	26	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg									48	UJ	47	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg									21	U	26	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg									21	U	26	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg									21	U	26	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg									21	U	26	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg									21	UJ	26	UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg									21	U	26	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg									21	U	26	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg									21	U	26	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg									21	U	26	U
71-43-2	Benzene	OLM04-2-V	ug/kg									21	U	26	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg									21	U	26	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg									21	U	26	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg									21	U	26	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg									21	U	26	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg									21	U	26	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg									21	U	26	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg									21	U	26	U
108-88-3	Toluene	OLM04-2-V	ug/kg									4	J	26	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg									21	U	26	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg									21	U	26	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg									21	U	26	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg									21	UJ	26	UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg									21	U	26	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg									21	U	26	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg									21	U	26	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		RSB-01-2-4 RSB-1 4/8/2002 2 to 4 ft		RSB-01-2-4-DUP RSB-1 4/8/2002 2 to 4 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg									21	U	26	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg									2	J	26	U
100-42-5	Styrene	OLM04-2-V	ug/kg									21	U	26	U
75-25-2	Bromoform	OLM04-2-V	ug/kg									21	U	26	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg									21	U	26	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg									21	U	26	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg									21	U	26	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg									21	U	26	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg									21	U	26	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg									21	U	26	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg									21	U	26	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		RSB-01-2-4 RSB-1 4/8/2002 2 to 4 ft		RSB-01-2-4-DUP RSB-1 4/8/2002 2 to 4 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg									1500	UJ	53	J
108-95-2	Phenol	OLM04-2-SV	ug/kg									150	J	480	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg									620	J	110	J
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg									5600	J	1500	J
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg									1500	UJ	56	J
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg									1200	J	340	J
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg									160	J	480	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		RSB-01-2-4 RSB-1 4/8/2002 2 to 4 ft		RSB-01-2-4-DUP RSB-1 4/8/2002 2 to 4 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg									3800	UJ	1200	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg									710	J	180	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg									170	J	65	J
86-74-8	Carbazole	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg									630	J	180	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg									540	J	150	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg									330	J	96	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg									390	J	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg									290	J	110	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg									230	J	87	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg									290	J	100	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg									1500	UJ	480	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		RSB-01-2-4 RSB-1 4/8/2002 2 to 4 ft		RSB-01-2-4-DUP RSB-1 4/8/2002 2 to 4 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg									39	UJ	39	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg									7.5	UJ	7.5	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg									3.9	UJ	3.9	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg									390	UJ	390	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg									75	UJ	75	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg									150	UJ	150	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg									75	UJ	75	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg									75	UJ	75	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg									75	UJ	75	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg									75	UJ	75	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg									75	UJ	75	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		RSB-01-2-4 RSB-1 4/8/2002 2 to 4 ft		RSB-01-2-4-DUP RSB-1 4/8/2002 2 to 4 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	12300		7140		11100		7630		11700	J	9390	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.43	BJ	0.48	BJ	0.36	UJ	0.33	UJ	225	J	192	J
7440-38-2	Arsenic	ILM04-1-M	mg/kg	10.2		8.5		8.7		7.5		32.5	J	28.1	
7440-39-3	Barium	ILM04-1-M	mg/kg	72.3		39.7	B	53.2		35	B	161	J	168	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	1	B	0.61	B	0.96	B	0.65	B	0.5	BJ	0.45	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.05	U	0.05	U	0.05	U	0.04	U	2.2	J	1.7	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	26200		70200		10200		55600		148000	J	123000	
7440-47-3	Chromium	ILM04-1-M	mg/kg	18.8	J	11.4	J	17.8	J	13.4	J	74600	J	65900	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	8.6	B	5.5	B	7.3	B	5.8	B	25.6	J	22.2	
7440-50-8	Copper	ILM04-1-M	mg/kg	13.7		15.3		14.7		13.9		123	J	145	
7439-89-6	Iron	ILM04-1-M	mg/kg	24600		18100		20600		16900		15600	J	16900	
7439-92-1	Lead	ILM04-1-M	mg/kg	13.2		7.8		11.4		10.1		210	J	203	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3140		3550		2990		3540		1420	BJ	1270	B
7439-96-5	Manganese	ILM04-1-M	mg/kg	230		211		554		440		204	J	175	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.16	J	0.09	B	0.15	J	0.08	BJ	0.46	J	0.38	
7440-02-0	Nickel	ILM04-1-M	mg/kg	25.4	J	16.6	J	23.9	J	18.7	J	30.2	J	25.4	
7440-09-7	Potassium	ILM04-1-M	mg/kg	674	B	813	B	625	B	686	B	193	BJ	254	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.74	U	0.78	UJ	0.67	B	0.6	U	5.2	J	5.2	
7440-22-4	Silver	ILM04-1-M	mg/kg	0.18	U	0.19	U	0.16	U	0.14	U	0.2	UJ	0.19	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	110	B	172	B	54.8	B	112	B	757	BJ	626	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.3	R	0.7	U	1.5	R	1.1	R	17.1	J	14.8	
7440-62-2	Vanadium	ILM04-1-M	mg/kg	22		16		19.2		16		24.5	J	26.6	
7440-66-6	Zinc	ILM04-1-M	mg/kg	60.3		46.3		53.2		50.4		268	J	230	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.1	U	0.1	U	0.23	B	0.08	B	6.8	J	6.1	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background			RSB-35-4-6 RSB-35 7/25/2002 Background			RSB-36-2-4 RSB-36 7/25/2002 Background			RSB-36-4-6 RSB-36 7/25/2002 Background			RSB-01-2-4 RSB-1 4/8/2002 2 to 4 ft			RSB-01-2-4-DUP RSB-1 4/8/2002 2 to 4 ft		
6WetChem-s	**Wet Chemistry**																				
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg													14	UJ		7	UJ	
pH	pH	SW9045C	S.U.													7.2			7.2		
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg													49600			111000		
Grain Size	**Grain Size Analysis**																				
Grain-4	No. 4 Sieve	ASTM-D421	%													9.4			5.8		
Grain-10	No. 10 Sieve	ASTM-D421	%													8			6.1		
Grain-20	No. 20 Sieve	ASTM-D421	%													15			15		
Grain-40	No. 40 Sieve	ASTM-D421	%													13			13		
Grain-60	No. 60 Sieve	ASTM-D421	%													9.2			10		
Grain-120	No. 120 Sieve	ASTM-D421	%																		
Grain-140	No. 140 Sieve	ASTM-D421	%													17			18		
Grain-200	No. 200 Sieve	ASTM-D421	%													6.2			7		
Grain-270	No. 270 Sieve	ASTM-D421	%																		
Grain-325	No. 325 Sieve	ASTM-D421	%																		
Grain-400	No. 400 Sieve	ASTM-D421	%																		

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-01-8-10 RSB-1 4/8/2002 8 to 10 ft		RSB-02-2-4 RSB-2 4/8/2002 2 to 4 ft		RSB-02-8-10 RSB-2 4/8/2002 8 to 10 ft		RSB-03-2-4 RSB-3 4/5/2002 2 to 4 ft		RSB-03-4-6 RSB-3 4/8/2002 4 to 6 ft		RSB-03-8-10 RSB-3 4/5/2002 8 to 10 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	UJ	13	U	1300	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	UJ	13	UJ	1300	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	3	J	3	J	3	J	4	J	13	U	1300	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
67-64-1	Acetone	OLM04-2-V	ug/kg	31	UJ	140	UJ	100	UJ	15	U	42	U	1300	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	20	U	16	U	2	J	15	U	13	U	1300	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	UJ	1300	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	22	UJ	16	UJ	22	UJ	15	U	13	UJ	1300	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	UJ	13	UJ	1300	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	20	U	9	J	10	J	15	U	13	U	1300	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
71-43-2	Benzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	UJ	1300	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	UJ	1300	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	20	U	16	U	16		15	U	13	U	1300	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	20	U	16	U	2	J	15	U	13	UJ	1300	U
108-88-3	Toluene	OLM04-2-V	ug/kg	20	U	16	U	26		15	U	13	U	1300	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	20	U	16	UJ	14	UJ	15	U	13	U	1300	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-01-8-10 RSB-1 4/8/2002 8 to 10 ft		RSB-02-2-4 RSB-2 4/8/2002 2 to 4 ft		RSB-02-8-10 RSB-2 4/8/2002 8 to 10 ft		RSB-03-2-4 RSB-3 4/5/2002 2 to 4 ft		RSB-03-4-6 RSB-3 4/8/2002 4 to 6 ft		RSB-03-8-10 RSB-3 4/5/2002 8 to 10 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
100-42-5	Styrene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	R	13	R	1300	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	20	U	16	U	14	U	15	U	13	U	1300	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-01-8-10 RSB-1 4/8/2002 8 to 10 ft		RSB-02-2-4 RSB-2 4/8/2002 2 to 4 ft		RSB-02-8-10 RSB-2 4/8/2002 8 to 10 ft		RSB-03-2-4 RSB-3 4/5/2002 2 to 4 ft		RSB-03-4-6 RSB-3 4/8/2002 4 to 6 ft		RSB-03-8-10 RSB-3 4/5/2002 8 to 10 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	240	J	120	J	76	J	3900	UJ	4200	UJ	350	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	100	J	3900	UJ	4200	U	350	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	400	J	390	UJ	84	J	3900	UJ	4200	U	350	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
78-59-1	Isophorone	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	2600	J	150	J	5700	DJ	3900	UJ	4200	U	350	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	99	J
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	410	J	390	UJ	390	UJ	870	J	4200	U	350	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	140	J	240	J	76	J	3900	UJ	4200	U	350	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	1000	UJ	66	J	390	UJ	3900	UJ	4200	U	350	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	400	J	4200	U	350	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-01-8-10 RSB-1 4/8/2002 8 to 10 ft		RSB-02-2-4 RSB-2 4/8/2002 2 to 4 ft		RSB-02-8-10 RSB-2 4/8/2002 8 to 10 ft		RSB-03-2-4 RSB-3 4/5/2002 2 to 4 ft		RSB-03-4-6 RSB-3 4/8/2002 4 to 6 ft		RSB-03-8-10 RSB-3 4/5/2002 8 to 10 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	1000	UJ	92	J	390	UJ	450	J	4200	U	350	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
86-73-7	Fluorene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	670	J	4200	U	350	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	2600	UJ	990	UJ	980	UJ	9700	UJ	11000	U	880	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	300	J	370	J	210	J	6900	J	1300	J	350	U
120-12-7	Anthracene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	41	J	1300	J	4200	U	350	U
86-74-8	Carbazole	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	590	J	4200	U	350	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	470	J	290	J	150	J	9100	J	1300	J	350	U
129-00-0	Pyrene	OLM04-2-SV	ug/kg	340	J	260	J	130	J	7800	J	1200	J	350	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	120	J	150	J	68	J	3800	J	740	J	350	U
218-01-9	Chrysene	OLM04-2-SV	ug/kg	740	J	320	J	86	J	4200	J	910	J	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	1000	UJ	180	J	210	J	3900	UJ	4200	U	460	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	3900	UJ	4200	U	350	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	230	J	140	J	59	J	3200	J	630	J	350	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	1000	UJ	110	J	50	J	3000	J	4200	U	350	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	120	J	130	J	60	J	3400	J	620	J	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	1000	UJ	61	J	390	UJ	1600	J	4200	U	350	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	1000	UJ	390	UJ	390	UJ	610	J	4200	U	350	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	1000	UJ	58	J	390	UJ	660	J	4200	U	350	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-01-8-10 RSB-1 4/8/2002 8 to 10 ft	RSB-02-2-4 RSB-2 4/8/2002 2 to 4 ft	RSB-02-8-10 RSB-2 4/8/2002 8 to 10 ft	RSB-03-2-4 RSB-3 4/5/2002 2 to 4 ft	RSB-03-4-6 RSB-3 4/8/2002 4 to 6 ft	RSB-03-8-10 RSB-3 4/5/2002 8 to 10 ft
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	4.2 U	3.6 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	4.2 U	3.6 U
72-20-8	Endrin	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	4.2 U	3.6 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	4.2 U	3.6 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	4.2 U	3.6 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	7.5 NJ	3.6 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	4.2 U	3.6 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	26 UJ	20 UJ	20 UJ	20 UJ	22 U	18 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	5.1 UJ	4.4 R	4 UJ	19 J	9.8 J	3.6 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	5.1 UJ	4 UJ	4 UJ	3.9 UJ	4.2 U	3.6 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.6 UJ	2 UJ	2 UJ	2 UJ	2.2 U	1.8 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	260 UJ	200 UJ	200 UJ	200 UJ	220 U	180 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	51 UJ	40 UJ	40 UJ	39 UJ	42 U	36 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	100 UJ	81 UJ	80 UJ	79 UJ	86 U	73 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	51 UJ	40 UJ	40 UJ	39 UJ	42 U	36 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	51 UJ	40 UJ	40 UJ	39 UJ	42 U	36 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	51 UJ	40 UJ	40 UJ	39 UJ	42 U	36 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	51 UJ	40 UJ	40 UJ	39 UJ	42 U	36 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	51 UJ	40 UJ	40 UJ	39 UJ	42 U	36 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-01-8-10 RSB-1 4/8/2002 8 to 10 ft		RSB-02-2-4 RSB-2 4/8/2002 2 to 4 ft		RSB-02-8-10 RSB-2 4/8/2002 8 to 10 ft		RSB-03-2-4 RSB-3 4/5/2002 2 to 4 ft		RSB-03-4-6 RSB-3 4/8/2002 4 to 6 ft		RSB-03-8-10 RSB-3 4/5/2002 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	7970		4430		1680		4900		5900		2270	
7440-36-0	Antimony	ILM04-1-M	mg/kg	45.4	J	3.3	BJ	7.9	BJ	1.6	BJ	11	BJ	0.48	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	32		25		3.6		15.9		15.9		2.8	
7440-39-3	Barium	ILM04-1-M	mg/kg	47.2	B	92.3		28.8	B	64		74.7		15.1	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.86	B	0.53	B	0.11	B	0.67	B	0.45	B	0.17	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	1.1	B	0.56	B	0.61	B	0.4	B	0.55	B	0.28	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	170000		49700		218000		17800		28500		210000	
7440-47-3	Chromium	ILM04-1-M	mg/kg	16900		1350		3020		565		4100		36.2	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	16.4		4.8	B	1.7	B	3.2	B	3.8	B	2.6	B
7440-50-8	Copper	ILM04-1-M	mg/kg	62.3		32.2		18		106		105		8.2	
7439-89-6	Iron	ILM04-1-M	mg/kg	21800		17400		5670		8560		10700		6870	
7439-92-1	Lead	ILM04-1-M	mg/kg	70.1		45		29.6		31.8		56		3.3	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3510		2060		6470		1020	B	1440		4460	
7439-96-5	Manganese	ILM04-1-M	mg/kg	232	J	259	J	122	J	180	J	195	J	314	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.3		0.23		0.39		0.06	BJ	0.18	J	0.05	U
7440-02-0	Nickel	ILM04-1-M	mg/kg	38.4		12.4		5.1	B	8.5	B	9.8	B	8	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	601	B	784	B	344	B	328	B	455	B	647	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	2.8		2.9		0.5	U	0.57	B	1.2	B	0.46	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.14	U	0.12	U	0.12	U	0.12	U	0.12	U	0.11	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	428	B	288	B	294	B	187	B	198	B	193	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	3.4		0.51	U	0.52	U	0.54	U	0.55	U	0.48	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	13.5	B	12.6		6.3	B	14.5		16.3		5.6	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	162		70.4		34.7		41.2		57.6		25.7	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	3.4		0.34	B	0.43	B	0.93		4.2		0.03	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-01-8-10 RSB-1 4/8/2002 8 to 10 ft		RSB-02-2-4 RSB-2 4/8/2002 2 to 4 ft		RSB-02-8-10 RSB-2 4/8/2002 8 to 10 ft		RSB-03-2-4 RSB-3 4/5/2002 2 to 4 ft		RSB-03-4-6 RSB-3 4/8/2002 4 to 6 ft		RSB-03-8-10 RSB-3 4/5/2002 8 to 10 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	31	J	13	J	4	UJ	5	J	7	J	4	UJ
pH	pH	SW9045C	S.U.	7.3		10		8.7		8		7.9		8.3	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	63800		74100		81200		64200		56200		52400	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	21		31		49		29		22		54	
Grain-10	No. 10 Sieve	ASTM-D421	%	14		16		20		15		15		15	
Grain-20	No. 20 Sieve	ASTM-D421	%	16		17		10		17		19		11	
Grain-40	No. 40 Sieve	ASTM-D421	%	13		13		5.5		10		12		5.4	
Grain-60	No. 60 Sieve	ASTM-D421	%	7.4		6.4		3.2		5.5		7.1		2.7	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	11		7.2		4.4		7.7		9.1		3.4	
Grain-200	No. 200 Sieve	ASTM-D421	%	4		2.3		1.5		2.8		3.1		1.3	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-2-4 RSB-4 4/9/2002 2 to 4 ft		RSB-04-8-10 RSB-4 4/9/2002 8 to 10 ft		RSB-05-2-4 RSB-5 4/12/2002 2 to 4 ft		RSB-05-8-10 RSB-5 4/12/2002 8 to 10 ft		RSB-06-2-4 RSB-6 4/10/2002 2 to 4 ft		RSB-06-4-6 RSB-6 4/10/2002 4 to 6 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	2	J	3	J	2	J	2	J	3	J	2	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
67-64-1	Acetone	OLM04-2-V	ug/kg	41	UJ	10	UJ	16	UJ	10	UJ	29	UJ	17	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	15	U	1	J	16	U	10	U	12	U	11	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	32	UJ	20	UJ	42	UJ	29	UJ	110	UJ	41	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	6	J	10	UJ	16	U	10	U	12	U	11	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
71-43-2	Benzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
108-88-3	Toluene	OLM04-2-V	ug/kg	15	U	5	J	16	U	10	U	12	U	11	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	15	UJ	10	UJ	16	U	10	U	12	U	11	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-04-2-4 RSB-4 4/9/2002 2 to 4 ft		RSB-04-8-10 RSB-4 4/9/2002 8 to 10 ft		RSB-05-2-4 RSB-5 4/12/2002 2 to 4 ft		RSB-05-8-10 RSB-5 4/12/2002 8 to 10 ft		RSB-06-2-4 RSB-6 4/10/2002 2 to 4 ft		RSB-06-4-6 RSB-6 4/10/2002 4 to 6 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	15	U	1	J	16	U	10	U	12	U	11	U
100-42-5	Styrene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	15	U	10	U	16	R	10	R	12	R	11	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	15	U	10	U	16	U	10	U	12	U	11	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-2-4 RSB-4 4/9/2002 2 to 4 ft		RSB-04-8-10 RSB-4 4/9/2002 8 to 10 ft		RSB-05-2-4 RSB-5 4/12/2002 2 to 4 ft		RSB-05-8-10 RSB-5 4/12/2002 8 to 10 ft		RSB-06-2-4 RSB-6 4/10/2002 2 to 4 ft		RSB-06-4-6 RSB-6 4/10/2002 4 to 6 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	68	J	380	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	46	J	410	UJ	380	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-2-4 RSB-4 4/9/2002 2 to 4 ft		RSB-04-8-10 RSB-4 4/9/2002 8 to 10 ft		RSB-05-2-4 RSB-5 4/12/2002 2 to 4 ft		RSB-05-8-10 RSB-5 4/12/2002 8 to 10 ft		RSB-06-2-4 RSB-6 4/10/2002 2 to 4 ft		RSB-06-4-6 RSB-6 4/10/2002 4 to 6 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1100	U	980	UJ	900	UJ	960	UJ	1000	UJ	940	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	530		390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	66	J	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	440	U	390	UJ	360	UJ	380	UJ	410	UJ	380	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-2-4 RSB-4 4/9/2002 2 to 4 ft		RSB-04-8-10 RSB-4 4/9/2002 8 to 10 ft		RSB-05-2-4 RSB-5 4/12/2002 2 to 4 ft		RSB-05-8-10 RSB-5 4/12/2002 8 to 10 ft		RSB-06-2-4 RSB-6 4/10/2002 2 to 4 ft		RSB-06-4-6 RSB-6 4/10/2002 4 to 6 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.3	UJ	2	U	1.9	UJ	2	UJ	2.1	UJ	2	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.3	UJ	2	U	1.9	UJ	2	UJ	2.1	UJ	2	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.3	UJ	1.9	J	1.9	UJ	2	UJ	2.1	UJ	2	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.3	UJ	2	U	1.9	UJ	2	UJ	2.1	UJ	2	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.3	UJ	2	U	1.9	UJ	2	UJ	2.1	UJ	2	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.3	UJ	2	U	1.9	UJ	2	UJ	2.1	UJ	2	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.3	UJ	2	U	1.9	UJ	2	UJ	2.1	UJ	2	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.3	UJ	2	U	1.9	UJ	2	UJ	2.1	UJ	2	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.4	UJ	3.9	U	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.4	UJ	3.1	J	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.4	UJ	3.9	U	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	4.4	UJ	3.9	U	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.4	UJ	3.9	U	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.4	UJ	3.9	U	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.4	UJ	3.9	U	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	23	UJ	20	U	19	UJ	20	UJ	21	UJ	20	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.4	UJ	2.4	J	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	4.4	UJ	3.9	U	3.6	UJ	3.8	UJ	4.1	UJ	3.8	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.3	UJ	5	J	1.9	UJ	2	UJ	2.1	UJ	2	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.3	UJ	6	J	1.9	UJ	2	UJ	2.1	UJ	2	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	230	UJ	200	U	190	UJ	200	UJ	210	UJ	200	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	44	UJ	39	U	36	UJ	38	UJ	41	UJ	38	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	90	UJ	78	U	73	UJ	78	UJ	82	UJ	78	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	44	UJ	39	U	36	UJ	38	UJ	41	UJ	38	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	44	UJ	39	U	36	UJ	38	UJ	41	UJ	38	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	44	UJ	39	U	36	UJ	38	UJ	41	UJ	38	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	44	UJ	39	U	36	UJ	38	UJ	41	UJ	38	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	44	UJ	23	J	36	UJ	38	UJ	41	UJ	38	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-2-4 RSB-4 4/9/2002 2 to 4 ft		RSB-04-8-10 RSB-4 4/9/2002 8 to 10 ft		RSB-05-2-4 RSB-5 4/12/2002 2 to 4 ft		RSB-05-8-10 RSB-5 4/12/2002 8 to 10 ft		RSB-06-2-4 RSB-6 4/10/2002 2 to 4 ft		RSB-06-4-6 RSB-6 4/10/2002 4 to 6 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	10500		3210		1960		1720		9690		8330	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.58	U	0.7	B	0.48	U	0.5	U	0.54	U	8.6	B
7440-38-2	Arsenic	ILM04-1-M	mg/kg	8.6	R	6.9	R	4.4		4.5		4.1		4.5	
7440-39-3	Barium	ILM04-1-M	mg/kg	115		40	B	16.3	B	12.5	B	47.2	B	44.6	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.63	B	0.2	B	0.13	B	0.11	B	0.54	B	0.46	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.98	B	0.48	B	0.23	B	0.24	B	0.44	B	0.57	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	7040	J	180000	J	236000	J	195000	J	1510	J	28500	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	59.3		160		6.7		4.8		26.2		3250	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	7.7	B	2.9	B	1.9	B	2.1	B	10.6	B	8.3	B
7440-50-8	Copper	ILM04-1-M	mg/kg	24		9.4		9.1		6.7		23		25.4	
7439-89-6	Iron	ILM04-1-M	mg/kg	23600		9570		6650		5880		23200		19100	
7439-92-1	Lead	ILM04-1-M	mg/kg	13		8.5		2.5		3.2		10.2		26.6	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2760		7350		7350		6770		2920		3580	
7439-96-5	Manganese	ILM04-1-M	mg/kg	1090		564		211		289		347		296	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.13	J	0.12	J	0.05	UJ	0.06	UJ	0.06	UJ	0.04	UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	20.8		9.3		6.3	B	6.2	B	25.6		23.3	
7440-09-7	Potassium	ILM04-1-M	mg/kg	833	B	605	B	633	B	533	B	721	B	656	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.5		0.48	U	0.46	U	0.48	U	1	B	1	B
7440-22-4	Silver	ILM04-1-M	mg/kg	0.13	U	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	143	B	176	B	174	B	142	B	135	B	167	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.58	U	0.5	U	0.48	U	0.5	U	0.54	U	0.53	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	21.4		8.5	B	4.9	B	4.5	B	16.7		18.2	
7440-66-6	Zinc	ILM04-1-M	mg/kg	85.6	J	30.2	J	18	J	17.5	J	56.5	J	58.6	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.51	B	0.14	B	0.06	B	0.03	U	0.04	U	0.72	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-04-2-4 RSB-4 4/9/2002 2 to 4 ft		RSB-04-8-10 RSB-4 4/9/2002 8 to 10 ft		RSB-05-2-4 RSB-5 4/12/2002 2 to 4 ft		RSB-05-8-10 RSB-5 4/12/2002 8 to 10 ft		RSB-06-2-4 RSB-6 4/10/2002 2 to 4 ft		RSB-06-4-6 RSB-6 4/10/2002 4 to 6 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4	U	4	U	4	U	4	U	4	U	86	
pH	pH	SW9045C	S.U.	7.6		8		8.4		8.4		7.4		7.8	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	25200		52500		84900		67300		3670		7290	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	13		70		42		40		2.3		8	
Grain-10	No. 10 Sieve	ASTM-D421	%	8		9.2		20		26		15		20	
Grain-20	No. 20 Sieve	ASTM-D421	%	23		6.8		16		20		13		14	
Grain-40	No. 40 Sieve	ASTM-D421	%	16		4.4		7.8		6.3		7.2		7.2	
Grain-60	No. 60 Sieve	ASTM-D421	%	11		2.3		3.2		1.9		6		6	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	14		2.7		4.3		2		12		16	
Grain-200	No. 200 Sieve	ASTM-D421	%	3.7		0.8		1.4		0.6		5.8		5	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-06-8-10 RSB-6 4/10/2002 8 to 10 ft		RSB-07-2-4 RSB-7 4/12/2002 2 to 4 ft		RSB-07-8-10 RSB-7 4/12/2002 8 to 10 ft		RSB-07-10-12 RSB-7 4/12/2002 10 to 12 ft		RSB-08-2-4 RSB-8 4/12/2002 2 to 4 ft		RSB-08-8-10 RSB-8 4/12/2002 8 to 10 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	12	U	15	R	15	R	10	R	13	R	12	R
74-87-3	Chloromethane	OLM04-2-V	ug/kg	12	U	15	UJ	15	UJ	10	UJ	13	UJ	12	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	12	U	2	J	4	J	10	U	3	J	12	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	12	U	15	UJ	15	U	10	U	13	U	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
67-64-1	Acetone	OLM04-2-V	ug/kg	12	UJ	15	UJ	15	UJ	10	UJ	13	UJ	12	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	12	U	15	UJ	15	UJ	10	UJ	13	UJ	12	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	16	UJ	59	UJ	72	UJ	43	UJ	41	UJ	57	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	1	J
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	12	U	15	U	15	UJ	10	U	13	U	12	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	UJ	13	UJ	12	UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
71-43-2	Benzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
108-88-3	Toluene	OLM04-2-V	ug/kg	12	U	5	J	3	J	10	U	13	U	12	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-06-8-10 RSB-6 4/10/2002 8 to 10 ft		RSB-07-2-4 RSB-7 4/12/2002 2 to 4 ft		RSB-07-8-10 RSB-7 4/12/2002 8 to 10 ft		RSB-07-10-12 RSB-7 4/12/2002 10 to 12 ft		RSB-08-2-4 RSB-8 4/12/2002 2 to 4 ft		RSB-08-8-10 RSB-8 4/12/2002 8 to 10 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	12	U	3	J	15	U	10	U	13	U	12	U
100-42-5	Styrene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	12	R	15	U	15	U	10	U	13	U	12	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	12	U	15	U	15	U	10	U	13	U	12	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-06-8-10 RSB-6 4/10/2002 8 to 10 ft		RSB-07-2-4 RSB-7 4/12/2002 2 to 4 ft		RSB-07-8-10 RSB-7 4/12/2002 8 to 10 ft		RSB-07-10-12 RSB-7 4/12/2002 10 to 12 ft		RSB-08-2-4 RSB-8 4/12/2002 2 to 4 ft		RSB-08-8-10 RSB-8 4/12/2002 8 to 10 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	66	J	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	47	J	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	980	UJ	960	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	970	UJ	960	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	970	UJ	960	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-06-8-10 RSB-6 4/10/2002 8 to 10 ft		RSB-07-2-4 RSB-7 4/12/2002 2 to 4 ft		RSB-07-8-10 RSB-7 4/12/2002 8 to 10 ft		RSB-07-10-12 RSB-7 4/12/2002 10 to 12 ft		RSB-08-2-4 RSB-8 4/12/2002 2 to 4 ft		RSB-08-8-10 RSB-8 4/12/2002 8 to 10 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	970	UJ	960	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	970	UJ	960	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	970	UJ	960	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	970	UJ	960	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	890	UJ	970	UJ	930	UJ	900	UJ	970	UJ	960	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	400	UJ	390	UJ	370	UJ	550	UJ	390	UJ	380	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	350	UJ	390	UJ	370	UJ	360	UJ	390	UJ	380	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-06-8-10 RSB-6 4/10/2002 8 to 10 ft		RSB-07-2-4 RSB-7 4/12/2002 2 to 4 ft		RSB-07-8-10 RSB-7 4/12/2002 8 to 10 ft		RSB-07-10-12 RSB-7 4/12/2002 10 to 12 ft		RSB-08-2-4 RSB-8 4/12/2002 2 to 4 ft		RSB-08-8-10 RSB-8 4/12/2002 8 to 10 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	18	UJ	20	UJ	19	UJ	19	UJ	20	UJ	20	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	3.5	UJ	3.8	UJ	3.7	UJ	3.6	UJ	3.9	UJ	3.8	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	1.8	UJ	2	UJ	1.9	UJ	1.9	UJ	2	UJ	2	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	180	UJ	200	UJ	190	UJ	190	UJ	200	UJ	200	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	35	UJ	38	UJ	37	UJ	36	UJ	39	UJ	38	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	71	UJ	78	UJ	75	UJ	74	UJ	78	UJ	78	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	35	UJ	38	UJ	37	UJ	36	UJ	39	UJ	38	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	35	UJ	38	UJ	37	UJ	36	UJ	39	UJ	38	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	35	UJ	38	UJ	37	UJ	36	UJ	39	UJ	38	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	35	UJ	38	UJ	37	UJ	36	UJ	39	UJ	38	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	35	UJ	38	UJ	37	UJ	36	UJ	39	UJ	38	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-06-8-10 RSB-6 4/10/2002 8 to 10 ft		RSB-07-2-4 RSB-7 4/12/2002 2 to 4 ft		RSB-07-8-10 RSB-7 4/12/2002 8 to 10 ft		RSB-07-10-12 RSB-7 4/12/2002 10 to 12 ft		RSB-08-2-4 RSB-8 4/12/2002 2 to 4 ft		RSB-08-8-10 RSB-8 4/12/2002 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	2530		3780		1860		1790		1400		3850	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.55	B	3.3	BJ	0.66	BJ	0.46	UJ	0.95	BJ	0.45	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	3.8		6		8		7		1.4	B	9.7	
7440-39-3	Barium	ILM04-1-M	mg/kg	17.5	B	25.8	B	12.3	B	41.9		11.5	B	23.3	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.18	B	0.27	B	0.14	B	0.13	B	0.08	B	0.21	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.25	B	0.52	B	0.32	B	0.41	B	0.25	B	0.57	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	249000	J	126000	J	209000	J	190000	J	192000	J	114000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	156		1020		219		18.3		209		68.1	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	2.4	B	3.3	B	1.6	B	1.6	B	1.5	B	3.3	B
7440-50-8	Copper	ILM04-1-M	mg/kg	9.2		10.2		7		8.1		3.8	B	14.8	
7439-89-6	Iron	ILM04-1-M	mg/kg	8000		11300		8460		8160		4080		14100	
7439-92-1	Lead	ILM04-1-M	mg/kg	4.6		12.6	J	3.9	J	2.8	J	4.2	J	8.9	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	4490		20700		5470		4320		3560		9320	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	294		209		240		616		375		241	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.05	UJ	0.06	U	0.05	U	0.05	U	0.04	U	0.05	U
7440-02-0	Nickel	ILM04-1-M	mg/kg	8	B	9.1	B	6.3	B	8.8		5.3	B	11.7	
7440-09-7	Potassium	ILM04-1-M	mg/kg	676	B	607	B	483	B	511	B	330	B	661	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.46	U	0.58	B	0.45	U	0.5	B	0.41	U	0.7	B
7440-22-4	Silver	ILM04-1-M	mg/kg	0.11	U	0.12	U	0.11	U	2.1		0.1	U	0.1	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	171	B	163	B	190	B	166	B	151	B	216	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.49	U	0.54	U	0.48	U	0.46	U	0.43	U	0.45	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	6.7	B	10.8	B	5.2	B	5.1	B	5.4	B	8.1	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	22	J	31.6	J	21.4	J	22.1	J	13.3	J	82	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.03	U	0.06	B	0.04	U	0.04	B	0.03	U	0.03	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-06-8-10 RSB-6 4/10/2002 8 to 10 ft		RSB-07-2-4 RSB-7 4/12/2002 2 to 4 ft		RSB-07-8-10 RSB-7 4/12/2002 8 to 10 ft		RSB-07-10-12 RSB-7 4/12/2002 10 to 12 ft		RSB-08-2-4 RSB-8 4/12/2002 2 to 4 ft		RSB-08-8-10 RSB-8 4/12/2002 8 to 10 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4	U	5	U	5	U	4	U	4		4	U
pH	pH	SW9045C	S.U.	8		7.9		8.1		8.2		8		8	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	28000		62900		56000		65000		14200		2400	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	32		67		40		53		47		47	
Grain-10	No. 10 Sieve	ASTM-D421	%	21		7.2		18		17		20		21	
Grain-20	No. 20 Sieve	ASTM-D421	%	15		7.5		20		14		12		13	
Grain-40	No. 40 Sieve	ASTM-D421	%	4.9		4.8		10		8		5.7		6	
Grain-60	No. 60 Sieve	ASTM-D421	%	1.5		2.7		3.3		2.5		2.8		2.9	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	2.7		3.3		3.1		2.1		4.2		3.4	
Grain-200	No. 200 Sieve	ASTM-D421	%	0.8		1.3		0.9		0.7		1.4		1	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-08-8-10-DUP		RSB-09-2-4		RSB-09-8-10		RSB-10-2-4		RSB-10-8-10		RSB-11-2-4	
			Location	RSB-8		RSB-9		RSB-9		RSB-10		RSB-10		RSB-11	
			Sample Date	4/12/2002		4/10/2002		4/10/2002		4/9/2002		4/9/2002		4/9/2002	
			Unit \\ Depth	8 to 10 ft		2 to 4 ft		8 to 10 ft		2 to 4 ft		8 to 10 ft		2 to 4 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	13	R	1300	UJ	45	UJ	11	U	13	U	10	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	13	UJ	1300	UJ	45	UJ	11	U	13	U	10	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	3	J	1300	U	11	J	2	J	2	J	10	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
67-64-1	Acetone	OLM04-2-V	ug/kg	13	UJ	1300	UJ	340	J	11	UJ	13	UJ	24	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	13	UJ	1300	UJ	45	UJ	11	U	13	U	10	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	55	UJ	1300	U	250	UJ	26	UJ	31	UJ	15	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	13	UJ	1300	U	63	J	11	U	13	U	10	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
71-43-2	Benzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
108-88-3	Toluene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	13	U	1300	UJ	45	UJ	11	U	13	U	10	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-08-8-10-DUP / RSB-8 / 4/12/2002 / 8 to 10 ft		RSB-09-2-4 / RSB-9 / 4/10/2002 / 2 to 4 ft		RSB-09-8-10 / RSB-9 / 4/10/2002 / 8 to 10 ft		RSB-10-2-4 / RSB-10 / 4/9/2002 / 2 to 4 ft		RSB-10-8-10 / RSB-10 / 4/9/2002 / 8 to 10 ft		RSB-11-2-4 / RSB-11 / 4/9/2002 / 2 to 4 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
100-42-5	Styrene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	13	U	1300	R	45	R	11	R	13	R	10	R
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	13	U	1300	U	45	UJ	11	U	13	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-08-8-10-DUP / RSB-8 / 4/12/2002 / 8 to 10 ft		RSB-09-2-4 / RSB-9 / 4/10/2002 / 2 to 4 ft		RSB-09-8-10 / RSB-9 / 4/10/2002 / 8 to 10 ft		RSB-10-2-4 / RSB-10 / 4/9/2002 / 2 to 4 ft		RSB-10-8-10 / RSB-10 / 4/9/2002 / 8 to 10 ft		RSB-11-2-4 / RSB-11 / 4/9/2002 / 2 to 4 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	87	J
108-95-2	Phenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	50	J	440	UJ	42	J
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	42	J	440	UJ	410	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	370	UJ	410	J	1600	UJ	65	J	440	UJ	410	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-08-8-10-DUP / RSB-8 / 4/12/2002 / 8 to 10 ft		RSB-09-2-4 / RSB-9 / 4/10/2002 / 2 to 4 ft		RSB-09-8-10 / RSB-9 / 4/10/2002 / 8 to 10 ft		RSB-10-2-4 / RSB-10 / 4/9/2002 / 2 to 4 ft		RSB-10-8-10 / RSB-10 / 4/9/2002 / 8 to 10 ft		RSB-11-2-4 / RSB-11 / 4/9/2002 / 2 to 4 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	50	J	440	UJ	410	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	920	UJ	9300	UJ	4000	UJ	1000	UJ	1100	UJ	1000	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	370	UJ	1600	J	290	J	880	J	74	J	380	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	44	J	440	UJ	410	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	370	UJ	550	J	1600	UJ	98	J	440	UJ	410	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	370	UJ	1900	J	390	J	1100	J	230	J	550	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	370	UJ	2400	J	330	J	930	J	210	J	480	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	520	J	410	UJ	440	UJ	410	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	370	UJ	1500	J	1600	UJ	320	J	73	J	130	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	370	UJ	2500	J	230	J	570	J	170	J	270	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	370	UJ	3700	UJ	1600	UJ	410	UJ	440	UJ	410	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	370	UJ	5200	J	250	J	390	J	130	J	170	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	370	UJ	4500	J	180	J	430	J	100	J	190	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	370	UJ	4900	J	200	J	370	J	77	J	160	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	370	UJ	3500	J	1600	UJ	210	J	44	J	92	J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	370	UJ	1400	J	1600	UJ	410	UJ	440	UJ	410	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	370	UJ	3000	J	1600	UJ	180	J	440	UJ	79	J

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-08-8-10-DUP / RSB-8 / 4/12/2002 / 8 to 10 ft		RSB-09-2-4 / RSB-9 / 4/10/2002 / 2 to 4 ft		RSB-09-8-10 / RSB-9 / 4/10/2002 / 8 to 10 ft		RSB-10-2-4 / RSB-10 / 4/9/2002 / 2 to 4 ft		RSB-10-8-10 / RSB-10 / 4/9/2002 / 8 to 10 ft		RSB-11-2-4 / RSB-11 / 4/9/2002 / 2 to 4 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	7.9	UJ	4.1	UJ	4.3	UJ	4	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	39	J	4.1	UJ	4.3	UJ	4	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	7.9	UJ	4.1	UJ	4.3	UJ	4	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	7.9	UJ	4.1	UJ	4.3	UJ	4	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	160	JD	2.7	J	4.3	UJ	4	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	7.9	UJ	4.1	UJ	4.3	UJ	4	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	20	J	14	J	4.3	UJ	4	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	19	UJ	19	UJ	41	UJ	21	UJ	22	UJ	21	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	7.9	UJ	4.1	UJ	4.3	UJ	4	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	3.6	UJ	3.7	UJ	7.9	UJ	4.1	UJ	4.3	UJ	4	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	1.9	UJ	1.9	UJ	4.1	UJ	2.1	UJ	2.2	UJ	2.1	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	190	UJ	190	UJ	410	UJ	210	UJ	220	UJ	210	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	36	UJ	37	UJ	79	UJ	41	UJ	43	UJ	40	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	74	UJ	75	UJ	160	UJ	83	UJ	88	UJ	82	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	36	UJ	37	UJ	79	UJ	41	UJ	43	UJ	40	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	36	UJ	37	UJ	79	UJ	41	UJ	43	UJ	40	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	36	UJ	37	UJ	79	UJ	41	UJ	43	UJ	40	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	36	UJ	37	UJ	79	UJ	41	UJ	43	UJ	40	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	36	UJ	37	UJ	79	UJ	41	UJ	43	UJ	40	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-08-8-10-DUP / RSB-8 / 4/12/2002 / mg/kg / 8 to 10 ft		RSB-09-2-4 / RSB-9 / 4/10/2002 / mg/kg / 2 to 4 ft		RSB-09-8-10 / RSB-9 / 4/10/2002 / mg/kg / 8 to 10 ft		RSB-10-2-4 / RSB-10 / 4/9/2002 / mg/kg / 2 to 4 ft		RSB-10-8-10 / RSB-10 / 4/9/2002 / mg/kg / 8 to 10 ft		RSB-11-2-4 / RSB-11 / 4/9/2002 / mg/kg / 2 to 4 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3160		7890		9280	J	10100		8860		9760	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.48	U	0.49	U	0.87	UJ	0.57	UJ	0.64	UJ	0.54	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	7.1		5.7	R	1.2	BR	8		5.3		8.9	R
7440-39-3	Barium	ILM04-1-M	mg/kg	22	B	35.9	B	174	J	158		75.1		75.4	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.18	B	0.41	B	0.69	BJ	0.58	B	0.46	B	0.49	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.32	B	0.51	B	1.2	BJ	0.95	B	0.58	B	0.66	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	176000	J	76900	J	42800	J	29700		63500		15600	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	132		12.8		130	J	35.4		25.2		17.1	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	2.8	B	7.6	B	3.5	BJ	9.4	B	7.8	B	9.5	B
7440-50-8	Copper	ILM04-1-M	mg/kg	7.9		15.3		71.3	J	27.9		23.9		23.1	
7439-89-6	Iron	ILM04-1-M	mg/kg	10900		18500		8770	J	31400		26000		23600	
7439-92-1	Lead	ILM04-1-M	mg/kg	4.4		21.1		28.9	J	165		87.6		184	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	4780	J	4980		1990	J	4980		4500		3500	
7439-96-5	Manganese	ILM04-1-M	mg/kg	210		252		73.2	J	395	J	211	J	550	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.05	UJ	0.11	J	0.27	J	0.14	J	0.07	U	0.14	J
7440-02-0	Nickel	ILM04-1-M	mg/kg	10.2		21.8		17.8	J	30.9		29.1		22.8	
7440-09-7	Potassium	ILM04-1-M	mg/kg	685	B	958	B	968	BJ	1030	B	1200	B	938	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.45	U	0.91	B	5.2	J	0.84	B	1.5		0.96	B
7440-22-4	Silver	ILM04-1-M	mg/kg	0.11	U	0.11	U	0.21	BJ	0.13	U	0.15	U	0.12	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	154	B	157	B	366	BJ	277	B	321	B	203	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.48	U	0.49	U	0.86	UJ	0.57	U	0.64	U	0.54	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	7.3	B	13.6		12.9	BJ	17.3		17		17.3	
7440-66-6	Zinc	ILM04-1-M	mg/kg	27.9	J	59.4	J	158	J	148		126		120	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.03	U	0.12	B	0.12	BJ	0.12	B	0.1	B	0.14	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-08-8-10-DUP / RSB-8 / 4/12/2002 / 8 to 10 ft		RSB-09-2-4 / RSB-9 / 4/10/2002 / 2 to 4 ft		RSB-09-8-10 / RSB-9 / 4/10/2002 / 8 to 10 ft		RSB-10-2-4 / RSB-10 / 4/9/2002 / 2 to 4 ft		RSB-10-8-10 / RSB-10 / 4/9/2002 / 8 to 10 ft		RSB-11-2-4 / RSB-11 / 4/9/2002 / 2 to 4 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4	U	4	U	10	U	8	U	4	U	4	U
pH	pH	SW9045C	S.U.	8		8.1		7.5		7.9		8		7.87	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	38600		15100		111000		36700		56800		12700	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	64		28		18		19		19		22	
Grain-10	No. 10 Sieve	ASTM-D421	%	14		14		35		17		12		28	
Grain-20	No. 20 Sieve	ASTM-D421	%	9.4		17		18		21		15		16	
Grain-40	No. 40 Sieve	ASTM-D421	%	3.9		8.6		7.5		12		15		8	
Grain-60	No. 60 Sieve	ASTM-D421	%	2		4.5		3.6		6.6		9.2		4.4	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	2.3		7		4.8		7.6		9		5.9	
Grain-200	No. 200 Sieve	ASTM-D421	%	0.7		3.4		2		2.7		3.1		2.3	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-11-5-7 RSB-11 4/9/2002 5 to 7 ft		RSB-11-8-10 RSB-11 4/9/2002 8 to 10 ft		RSB-12-2-4 RSB-12 4/5/2002 2 to 4 ft		RSB-12-8-10 RSB-12 4/5/2002 8 to 10 ft		RSB-13-2-4 RSB-13 4/4/2002 2 to 4 ft		RSB-14-2-4 RSB-14 4/5/2002 2 to 4 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	UJ	11	UJ	10	U	10	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	UJ	11	UJ	10	UJ	10	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	7	J	13	U	12	U	3	J	24		1	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
67-64-1	Acetone	OLM04-2-V	ug/kg	89	UJ	46	UJ	21	U	11	U	41	U	19	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	UJ	10	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	96	UJ	14	UJ	12	U	12	U	20	UJ	10	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	45	UJ	13	U	12	UJ	11	UJ	10	UJ	10	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	59	J	13	U	12	U	11	U	10	U	10	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
71-43-2	Benzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	UJ	10	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	UJ	10	U
108-88-3	Toluene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-11-5-7		RSB-11-8-10		RSB-12-2-4		RSB-12-8-10		RSB-13-2-4		RSB-14-2-4	
			Location	RSB-11		RSB-11		RSB-12		RSB-12		RSB-13		RSB-14	
			Sample Date	4/9/2002		4/9/2002		4/5/2002		4/5/2002		4/4/2002		4/5/2002	
			Unit \\ Depth	5 to 7 ft		8 to 10 ft		2 to 4 ft		8 to 10 ft		2 to 4 ft		2 to 4 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
100-42-5	Styrene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	45	R	13	R	12	R	11	R	10	R	10	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	45	UJ	13	U	12	U	11	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-11-5-7 RSB-11 4/9/2002 5 to 7 ft		RSB-11-8-10 RSB-11 4/9/2002 8 to 10 ft		RSB-12-2-4 RSB-12 4/5/2002 2 to 4 ft		RSB-12-8-10 RSB-12 4/5/2002 8 to 10 ft		RSB-13-2-4 RSB-13 4/4/2002 2 to 4 ft		RSB-14-2-4 RSB-14 4/5/2002 2 to 4 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	UJ	410	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	UJ	410	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	290	J	47	J	4200	UJ	4300	UJ	390	U	410	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	U	1000	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	U	1000	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	U	1000	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	480	J	430	UJ	4200	UJ	520	J	390	U	410	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-11-5-7 RSB-11 4/9/2002 5 to 7 ft		RSB-11-8-10 RSB-11 4/9/2002 8 to 10 ft		RSB-12-2-4 RSB-12 4/5/2002 2 to 4 ft		RSB-12-8-10 RSB-12 4/5/2002 8 to 10 ft		RSB-13-2-4 RSB-13 4/4/2002 2 to 4 ft		RSB-14-2-4 RSB-14 4/5/2002 2 to 4 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	UJ	1000	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	U	1000	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	390	J	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	640	J	430	UJ	4200	UJ	510	J	390	U	410	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	U	1000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	U	1000	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	3000	UJ	1100	UJ	10000	UJ	11000	UJ	960	U	1000	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	4400	J	430	UJ	540	J	4200	J	390	U	410	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	1100	J	430	UJ	4200	UJ	890	J	390	U	410	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	790	J	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	5100	J	46	J	800	J	3900	J	390	U	410	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	4200	J	430	UJ	770	J	3400	J	390	U	410	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	2300	J	430	UJ	4200	UJ	1500	J	390	U	410	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	2400	J	430	UJ	460	J	1600	J	390	U	410	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	1200	UJ	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	2200	J	430	UJ	4200	UJ	1000	J	390	U	410	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	2200	J	430	UJ	4200	UJ	1200	J	390	U	410	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	2100	J	120	J	4200	UJ	1300	J	390	U	410	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	490	J	430	UJ	4200	UJ	690	J	390	U	410	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	200	J	430	UJ	4200	UJ	4300	UJ	390	U	410	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	280	J	430	UJ	4200	UJ	590	J	390	U	410	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-11-5-7 RSB-11 4/9/2002 5 to 7 ft		RSB-11-8-10 RSB-11 4/9/2002 8 to 10 ft		RSB-12-2-4 RSB-12 4/5/2002 2 to 4 ft		RSB-12-8-10 RSB-12 4/5/2002 8 to 10 ft		RSB-13-2-4 RSB-13 4/4/2002 2 to 4 ft		RSB-14-2-4 RSB-14 4/5/2002 2 to 4 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	6.1	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	6.1	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	6.1	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	6.1	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	5.3	J	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	6.1	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.3	J	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	31	UJ	22	UJ	22	UJ	22	UJ	20	U	21	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	6.1	UJ	4.3	UJ	4.2	UJ	7.9	J	3.9	U	4.1	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	6.1	UJ	4.3	UJ	4.2	UJ	4.3	UJ	3.9	U	4.1	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	3.1	UJ	2.2	UJ	2.2	UJ	2.2	UJ	2	U	2.1	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	310	UJ	220	UJ	220	UJ	220	UJ	200	U	210	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	61	UJ	43	UJ	42	UJ	43	UJ	39	U	41	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	120	UJ	87	UJ	85	UJ	87	UJ	78	U	83	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	61	UJ	43	UJ	42	UJ	43	UJ	39	U	41	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	61	UJ	43	UJ	42	UJ	43	UJ	39	U	41	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	61	UJ	43	UJ	42	UJ	43	UJ	39	U	41	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	61	UJ	43	UJ	42	UJ	43	UJ	39	U	41	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	61	UJ	43	UJ	42	UJ	43	UJ	39	U	41	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-11-5-7 / RSB-11 / 4/9/2002 / 5 to 7 ft		RSB-11-8-10 / RSB-11 / 4/9/2002 / 8 to 10 ft		RSB-12-2-4 / RSB-12 / 4/5/2002 / 2 to 4 ft		RSB-12-8-10 / RSB-12 / 4/5/2002 / 8 to 10 ft		RSB-13-2-4 / RSB-13 / 4/4/2002 / 2 to 4 ft		RSB-14-2-4 / RSB-14 / 4/5/2002 / 2 to 4 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	6590	J	8580		9570		9040		12800		13000	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.91	UJ	0.56	U	0.94	UJ	0.47	UJ	0.93	UJ	0.54	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	3.6	BR	2.6	R	6.7	R	6.6		6.6	R	4.8	
7440-39-3	Barium	ILM04-1-M	mg/kg	105	J	43.9	B	51.5		46.9		40.9	B	51	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.36	BJ	0.45	B	0.4	B	0.45	B	0.67	B	0.58	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	1.2	BJ	0.54	B	0.38	B	0.43	B	0.51	B	0.66	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	26800	J	16800	J	7370	J	30900		2900	J	2450	
7440-47-3	Chromium	ILM04-1-M	mg/kg	15.9	J	17.9		45.9		30.7		19.5		19.6	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	5.1	BJ	7.2	B	7.3	B	7.9	B	12	J	10.4	B
7440-50-8	Copper	ILM04-1-M	mg/kg	33.5	J	20.5		18.7		25.8		21.7		18.8	
7439-89-6	Iron	ILM04-1-M	mg/kg	15200	J	17300		18900		19400		28300		28500	
7439-92-1	Lead	ILM04-1-M	mg/kg	201	J	20.5		45.7	J	30.8		16	J	15.4	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2600	J	4600		2680		3080		3770		3460	
7439-96-5	Manganese	ILM04-1-M	mg/kg	146	J	117		251		279	J	285		432	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.27	J	0.09	BJ	0.32		0.24		0.11		0.06	BJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	17.1	J	24.6		20		21.6		35.1		33.3	
7440-09-7	Potassium	ILM04-1-M	mg/kg	958	BJ	1110	B	944	B	856	B	1040	B	878	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.92	BJ	0.53	U	1.1	U	1.1		1.1	U	1.3	
7440-22-4	Silver	ILM04-1-M	mg/kg	0.37	BJ	0.13	U	0.21	U	0.11	U	0.21	U	0.12	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	539	BJ	159	B	219	B	176	B	172	B	202	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.91	UJ	0.56	U	1.4	U	0.47	U	1.4	U	0.54	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	14.5	BJ	15.9		17.7		16.6		19.5		20.5	
7440-66-6	Zinc	ILM04-1-M	mg/kg	291	J	69.9	J	69.2	J	63.5		81.7	J	81.8	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.37	BJ	0.04	U	0.16	B	0.09	B	0.07	B	0.07	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-11-5-7		RSB-11-8-10		RSB-12-2-4		RSB-12-8-10		RSB-13-2-4		RSB-14-2-4	
			Location	RSB-11		RSB-11		RSB-12		RSB-12		RSB-13		RSB-14	
			Sample Date	4/9/2002		4/9/2002		4/5/2002		4/5/2002		4/4/2002		4/5/2002	
			Unit \\ Depth	5 to 7 ft		8 to 10 ft		2 to 4 ft		8 to 10 ft		2 to 4 ft		2 to 4 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	7	U	4	U	9	UJ	20	UJ	4	U	4	UJ
pH	pH	SW9045C	S.U.	7.5		7.8		7.8		7.9		7.8		7.9	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	134000		15700		74900		36000		7990		11400	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	9.4		15		1.8		4.5		1.9		9.9	
Grain-10	No. 10 Sieve	ASTM-D421	%	16		18		14		15		7.7		31	
Grain-20	No. 20 Sieve	ASTM-D421	%	21		18		23		23		21		27	
Grain-40	No. 40 Sieve	ASTM-D421	%	14		10		12		12		16		11	
Grain-60	No. 60 Sieve	ASTM-D421	%	8.3		6.4		6.4		6.2		9.1		4.6	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	11		11		9.7		9.2		11		4.7	
Grain-200	No. 200 Sieve	ASTM-D421	%	3.9		4		4.8		4.4		4.7		1.9	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-14-8-10 RSB-14 4/5/2002 8 to 10 ft		RSB-15-2-4 RSB-15 4/8/2002 2 to 4 ft		RSB-15-4-6 RSB-15 4/8/2002 4 to 6 ft		RSB-15-8-10 RSB-15 4/8/2002 8 to 10 ft		RSB-16-2-4 RSB-16 4/9/2002 2 to 4 ft		RSB-16-2-4-DUP RSB-16 4/9/2002 2 to 4 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	11	UJ	17	U			1300	UJ	16	U	12	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	11	U	17	U			1300	UJ	16	U	12	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	11	U	17	U			1300	UJ	16	U	12	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	3	J	3	J			1300	U	5	J	2	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
67-64-1	Acetone	OLM04-2-V	ug/kg	17	U	170	UJ			2400	U	79	UJ	39	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	11	U	17	U			1300	UJ	16	U	12	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	11	U	24	UJ			1300	U	20	UJ	12	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	11	U	17	UJ			1300	U	16	U	12	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
71-43-2	Benzene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
108-88-3	Toluene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	11	U	17	UJ			1300	U	16	U	12	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	11	U	17	U			1300	U	16	U	12	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-14-8-10 RSB-14 4/5/2002 8 to 10 ft	RSB-15-2-4 RSB-15 4/8/2002 2 to 4 ft	RSB-15-4-6 RSB-15 4/8/2002 4 to 6 ft	RSB-15-8-10 RSB-15 4/8/2002 8 to 10 ft	RSB-16-2-4 RSB-16 4/9/2002 2 to 4 ft	RSB-16-2-4-DUP RSB-16 4/9/2002 2 to 4 ft
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
100-42-5	Styrene	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
75-25-2	Bromoform	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	11 U	17 U		1300 R	16 U	12 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	11 U	17 U		1300 U	16 U	12 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-14-8-10 RSB-14 4/5/2002 8 to 10 ft		RSB-15-2-4 RSB-15 4/8/2002 2 to 4 ft		RSB-15-4-6 RSB-15 4/8/2002 4 to 6 ft		RSB-15-8-10 RSB-15 4/8/2002 8 to 10 ft		RSB-16-2-4 RSB-16 4/9/2002 2 to 4 ft		RSB-16-2-4-DUP RSB-16 4/9/2002 2 to 4 ft	
2-SV-1-s	***Semi-Volatile Organics -page 1 - OLM04.2***														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
108-95-2	Phenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	1600	J	1400	J
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
78-59-1	Isophorone	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	430	UJ	590	J			370	UJ	1500	J	1900	J
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	640	J	550	J
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	430	UJ	700	J			370	UJ	4900	U	860	J
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	430	UJ	890	J			370	UJ	4900	U	610	J

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-14-8-10 RSB-14 4/5/2002 8 to 10 ft		RSB-15-2-4 RSB-15 4/8/2002 2 to 4 ft		RSB-15-4-6 RSB-15 4/8/2002 4 to 6 ft		RSB-15-8-10 RSB-15 4/8/2002 8 to 10 ft		RSB-16-2-4 RSB-16 4/9/2002 2 to 4 ft		RSB-16-2-4-DUP RSB-16 4/9/2002 2 to 4 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	430	UJ	960	J			370	UJ	4900	U	4900	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
86-73-7	Fluorene	OLM04-2-SV	ug/kg	430	UJ	1000	J			370	UJ	4900	U	750	J
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1100	UJ	10000	UJ			930	UJ	12000	U	12000	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	430	UJ	12000	J			370	UJ	4500	J	7600	
120-12-7	Anthracene	OLM04-2-SV	ug/kg	430	UJ	2400	J			370	UJ	810	J	1600	J
86-74-8	Carbazole	OLM04-2-SV	ug/kg	430	UJ	1100	J			370	UJ	4900	U	790	J
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	430	UJ	13000	J			370	UJ	7900		13000	
129-00-0	Pyrene	OLM04-2-SV	ug/kg	430	UJ	12000	J			370	UJ	7300		12000	
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	430	UJ	5800	J			370	UJ	4700	J	8200	
218-01-9	Chrysene	OLM04-2-SV	ug/kg	430	UJ	6100	J			370	UJ	5000		8400	
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			110	J	4900	U	4900	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	430	UJ	4100	UJ			370	UJ	4900	U	4900	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	430	UJ	4800	J			370	UJ	4700	J	7900	
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	430	UJ	4100	J			370	UJ	3600	J	6300	
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	430	UJ	5200	J			370	UJ	4500	J	8000	
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	430	UJ	3000	J			370	UJ	2700	J	4300	J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	430	UJ	1100	J			370	UJ	1100	J	990	J
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	430	UJ	3000	J			370	UJ	2500	J	3600	J

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-14-8-10 RSB-14 4/5/2002 8 to 10 ft	RSB-15-2-4 RSB-15 4/8/2002 2 to 4 ft	RSB-15-4-6 RSB-15 4/8/2002 4 to 6 ft	RSB-15-8-10 RSB-15 4/8/2002 8 to 10 ft	RSB-16-2-4 RSB-16 4/9/2002 2 to 4 ft	RSB-16-2-4-DUP RSB-16 4/9/2002 2 to 4 ft
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	5 U	4.9 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	5 U	4.9 U
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	5.3 NJ	4.9 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	7.6	4.9 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	5 U	4.9 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	5 U	4.9 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	5 U	4.9 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	23 UJ	34 J		19 UJ	38 J	47 J
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.4 UJ	8.5 NJ		3.7 UJ	11 NJ	16 J
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	4.4 UJ	4.1 UJ		3.7 UJ	5 U	4.9 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.3 UJ	2.1 UJ		1.9 UJ	2.6 U	2.5 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	230 UJ	210 UJ		190 UJ	260 U	250 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	44 UJ	41 UJ		37 UJ	50 U	49 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	89 UJ	84 UJ		76 UJ	100 U	100 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	44 UJ	41 UJ		37 UJ	50 U	49 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	44 UJ	41 UJ		37 UJ	50 U	49 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	44 UJ	41 UJ		37 UJ	50 U	49 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	44 UJ	41 UJ		37 UJ	50 U	49 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	44 UJ	41 UJ		37 UJ	50 U	49 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-14-8-10 RSB-14 4/5/2002 8 to 10 ft		RSB-15-2-4 RSB-15 4/8/2002 2 to 4 ft		RSB-15-4-6 RSB-15 4/8/2002 4 to 6 ft		RSB-15-8-10 RSB-15 4/8/2002 8 to 10 ft		RSB-16-2-4 RSB-16 4/9/2002 2 to 4 ft		RSB-16-2-4-DUP RSB-16 4/9/2002 2 to 4 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	11000		3000				1500		11700		8410	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.55	UJ	10.7	BJ			0.46	UJ	20.4		18.2	
7440-38-2	Arsenic	ILM04-1-M	mg/kg	5.5		19.7		45		2	B	49	R	42.7	R
7440-39-3	Barium	ILM04-1-M	mg/kg	49.5	B	667				9	B	219		247	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.58	B	0.41	B			0.09	B	1.5		1.1	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.59	B	1	B			0.17	B	3.5	J	11.8	J
7440-70-2	Calcium	ILM04-1-M	mg/kg	1760		92900				216000		44500	J	41700	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	15.2		2240		693		8.6		6920		5910	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	8.9	B	6.6	B			1.5	B	25.3		49.5	
7440-50-8	Copper	ILM04-1-M	mg/kg	33.6		89				5.3		426		412	
7439-89-6	Iron	ILM04-1-M	mg/kg	22200		30400				5160		54300	J	189000	J
7439-92-1	Lead	ILM04-1-M	mg/kg	13.2		849				4		325		417	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3340		7360				3780		1000	B	885	B
7439-96-5	Manganese	ILM04-1-M	mg/kg	270	J	330	J			186	J	195	J	610	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.05	BJ	0.86				0.05	U	0.3	J	0.46	J
7440-02-0	Nickel	ILM04-1-M	mg/kg	34.3		25.6				4.3	B	26.8	J	60.8	J
7440-09-7	Potassium	ILM04-1-M	mg/kg	824	B	560	B			484	B	520	B	430	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1	B	1.4				0.44	U	4.8	J	8	J
7440-22-4	Silver	ILM04-1-M	mg/kg	0.12	U	0.11	U			0.1	U	0.14	U	0.14	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	170	B	485	B			289	B	364	B	1040	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.55	U	0.5	U			0.46	U	0.62	U	0.64	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	19.2		10.3	B			3.5	B	12.4	B	11.5	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	68.4		293				37.4		189	J	723	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.04	B	1.3				0.03	U	1.9		2.1	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-14-8-10 RSB-14 4/5/2002 8 to 10 ft		RSB-15-2-4 RSB-15 4/8/2002 2 to 4 ft		RSB-15-4-6 RSB-15 4/8/2002 4 to 6 ft		RSB-15-8-10 RSB-15 4/8/2002 8 to 10 ft		RSB-16-2-4 RSB-16 4/9/2002 2 to 4 ft		RSB-16-2-4-DUP RSB-16 4/9/2002 2 to 4 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4	UJ	13	J			4	UJ	14	U	7	U
pH	pH	SW9045C	S.U.	7.2		7.7				8.4		5.6		5.5	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	4550		80600				24800		76700		72700	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	2.1		20				59		24		6.9	
Grain-10	No. 10 Sieve	ASTM-D421	%	14		16				16		12		14	
Grain-20	No. 20 Sieve	ASTM-D421	%	13		18				8.9		15		18	
Grain-40	No. 40 Sieve	ASTM-D421	%	7		16				4.4		12		15	
Grain-60	No. 60 Sieve	ASTM-D421	%	7.4		7.6				2.5		9.3		11	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	23		9				2.7		12		15	
Grain-200	No. 200 Sieve	ASTM-D421	%	7.3		2.7				1		3.6		4.5	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-8-10 / RSB-16 / 4/9/2002 / 8 to 10 ft		RSB-17-2-4 / RSB-17 / 4/9/2002 / 2 to 4 ft		RSB-17-6-8 / RSB-17 / 4/9/2002 / 6 to 8 ft		RSB-17-8-10 / RSB-17 / 4/9/2002 / 8 to 10 ft		RSB-18-2-4 / RSB-18 / 4/22/2002 / 2 to 4 ft		RSB-18-8-10 / RSB-18 / 4/22/2002 / 8 to 10 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
74-87-3	Chloromethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
74-83-9	Bromomethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
75-00-3	Chloroethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	1	J	8	J	11	U	11	U				
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
67-64-1	Acetone	OLM04-2-V	ug/kg	10	UJ	40	UJ	19	UJ	30	UJ				
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	10	U	40	UJ	2	J	2	J				
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	24	UJ	52	UJ	15	UJ	18	UJ				
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
78-93-3	2-Butanone	OLM04-2-V	ug/kg	10	U	40	UJ	4	J	7	J				
67-66-3	Chloroform	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
71-43-2	Benzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
108-88-3	Toluene	OLM04-2-V	ug/kg	10	U	11	J	11	U	3	J				
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-16-8-10		RSB-17-2-4		RSB-17-6-8		RSB-17-8-10		RSB-18-2-4		RSB-18-8-10	
			Location	RSB-16		RSB-17		RSB-17		RSB-17		RSB-18		RSB-18	
			Sample Date	4/9/2002		4/9/2002		4/9/2002		4/9/2002		4/22/2002		4/22/2002	
			Unit \\ Depth	8 to 10 ft		2 to 4 ft		6 to 8 ft		8 to 10 ft		2 to 4 ft		8 to 10 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	10	U	6	J	11	U	11	U				
100-42-5	Styrene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
75-25-2	Bromoform	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	10	R	40	UJ	11	R	11	R				
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	10	U	40	UJ	11	U	11	U				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-16-8-10		RSB-17-2-4		RSB-17-6-8		RSB-17-8-10		RSB-18-2-4		RSB-18-8-10	
			Location	RSB-16		RSB-17		RSB-17		RSB-17		RSB-18		RSB-18	
			Sample Date	4/9/2002		4/9/2002		4/9/2002		4/9/2002		4/22/2002		4/22/2002	
			Unit \\ Depth	8 to 10 ft		2 to 4 ft		6 to 8 ft		8 to 10 ft		2 to 4 ft		8 to 10 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	61	J				
108-95-2	Phenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
78-59-1	Isophorone	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	1800	R	200	J	370	UJ	95	J				
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	1800	R	1800	UJ	55	J	410	UJ				
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-8-10 RSB-16 4/9/2002 8 to 10 ft		RSB-17-2-4 RSB-17 4/9/2002 2 to 4 ft		RSB-17-6-8 RSB-17 4/9/2002 6 to 8 ft		RSB-17-8-10 RSB-17 4/9/2002 8 to 10 ft		RSB-18-2-4 RSB-18 4/22/2002 2 to 4 ft		RSB-18-8-10 RSB-18 4/22/2002 8 to 10 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
86-73-7	Fluorene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	4600	R	4400	UJ	930	UJ	1000	UJ				
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	350	J	1800	UJ	370	UJ	410	UJ				
120-12-7	Anthracene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
86-74-8	Carbazole	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	360	J	1800	UJ	370	UJ	410	UJ				
129-00-0	Pyrene	OLM04-2-SV	ug/kg	340	J	1800	UJ	370	UJ	410	UJ				
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	200	J	1800	UJ	370	UJ	410	UJ				
218-01-9	Chrysene	OLM04-2-SV	ug/kg	210	J	1800	UJ	370	UJ	410	UJ				
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	1800	UJ	280	J	370	UJ	410	UJ				
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	1800	R	1800	UJ	370	UJ	410	UJ				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-8-10 RSB-16 4/9/2002 8 to 10 ft		RSB-17-2-4 RSB-17 4/9/2002 2 to 4 ft		RSB-17-6-8 RSB-17 4/9/2002 6 to 8 ft		RSB-17-8-10 RSB-17 4/9/2002 8 to 10 ft		RSB-18-2-4 RSB-18 4/22/2002 2 to 4 ft		RSB-18-8-10 RSB-18 4/22/2002 8 to 10 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
309-00-2	Aldrin	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	2.2	UJ				
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
72-20-8	Endrin	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	19	UJ	46	UJ	19	UJ	22	UJ				
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	3.7	UJ	8.9	UJ	3.8	UJ	4.2	UJ				
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	1.6	J				
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	1.9	UJ	4.6	UJ	1.9	UJ	1.3	J				
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	190	UJ	460	UJ	190	UJ	220	UJ				
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	37	UJ	89	UJ	38	UJ	42	UJ				
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	75	UJ	180	UJ	77	UJ	85	UJ				
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	37	UJ	89	UJ	38	UJ	42	UJ				
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	37	UJ	89	UJ	38	UJ	42	UJ				
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	37	UJ	89	UJ	38	UJ	42	UJ				
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	37	UJ	89	UJ	38	UJ	42	UJ				
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	37	UJ	89	UJ	34	J	42	UJ				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-8-10 RSB-16 4/9/2002 8 to 10 ft		RSB-17-2-4 RSB-17 4/9/2002 2 to 4 ft		RSB-17-6-8 RSB-17 4/9/2002 6 to 8 ft		RSB-17-8-10 RSB-17 4/9/2002 8 to 10 ft		RSB-18-2-4 RSB-18 4/22/2002 2 to 4 ft		RSB-18-8-10 RSB-18 4/22/2002 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	2460		3490	J	2880		3660		3300		2310	
7440-36-0	Antimony	ILM04-1-M	mg/kg	1.9	B	86.3	J	5.5	B	7.6	B	0.88	UJ	0.9	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	31.6	R	42.3	R	1.9	BR	3.4	R	4.8		3.9	
7440-39-3	Barium	ILM04-1-M	mg/kg	24.2	B	243	J	16.2	B	21.2	B	44.4	B	20.4	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.2	B	0.09	UJ	0.15	B	0.18	B	0.24	B	0.19	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.85	B	6.2	J	0.33	B	0.6	B	0.12	U	0.15	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	207000	J	175000	J	186000	J	242000	J	111000	J	156000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	720		29800	J	1930		2760		27.1		8.8	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	4.6	B	6.7	BJ	3.1	B	3.6	B	2.1	B	0.7	B
7440-50-8	Copper	ILM04-1-M	mg/kg	20.8		92.4	J	14.2		15.8		9	J	5.7	B
7439-89-6	Iron	ILM04-1-M	mg/kg	21300		32800	J	8260		9680		10400		7950	
7439-92-1	Lead	ILM04-1-M	mg/kg	6.8		336	J	17.8		25.8		5.7		3.6	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3860		2900	J	6240		5840		3070	J	4580	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	219		82.7	J	155		213		616	J	263	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.07	BJ	0.73	J	0.11	J	0.15	J	0.06	U	0.06	U
7440-02-0	Nickel	ILM04-1-M	mg/kg	12.8		17.2	BJ	10.2		11.7		9.8		7.8	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	558	B	363	BJ	549	B	637	B	460	B	399	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.8		4.9	J	0.5	U	0.58	U	0.51	UJ	0.52	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.11	U	0.23	UJ	0.12	U	0.14	U	0.26	U	0.26	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	162	B	675	BJ	186	B	212	B	354	BJ	219	BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.49	U	5.6	J	0.52	U	0.61	U	1.1	B	1.2	B
7440-62-2	Vanadium	ILM04-1-M	mg/kg	5.5	B	27.2	J	7.5	B	9	B	8.9	B	6.3	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	48.9	J	166	J	35.4	J	44.3	J	33.5		19.8	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.12	B	1.7	J	0.11	B	0.2	B	0.05	B	0.04	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-16-8-10 RSB-16 4/9/2002 8 to 10 ft		RSB-17-2-4 RSB-17 4/9/2002 2 to 4 ft		RSB-17-6-8 RSB-17 4/9/2002 6 to 8 ft		RSB-17-8-10 RSB-17 4/9/2002 8 to 10 ft		RSB-18-2-4 RSB-18 4/22/2002 2 to 4 ft		RSB-18-8-10 RSB-18 4/22/2002 8 to 10 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	55		7	U	4	U	4	U	4	U	4	U
pH	pH	SW9045C	S.U.	7.5		7.5		8.2		8		10		8.3	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	49700		149000		55800		59000		14200		2400	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	47		3.5		45		75		62		41	
Grain-10	No. 10 Sieve	ASTM-D421	%	15		3.6		20		7.7		13		22	
Grain-20	No. 20 Sieve	ASTM-D421	%	12		9.5		12		4.3		7.5		20	
Grain-40	No. 40 Sieve	ASTM-D421	%	6.5		14		6		3.1		6.5		7.7	
Grain-60	No. 60 Sieve	ASTM-D421	%	3.9		12		2.9		2.1		3.6		3.7	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	4.9		22		3.8		2.7		3.3		2.8	
Grain-200	No. 200 Sieve	ASTM-D421	%	1.8		9.3		1.3		0.9		0.9		0.7	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-19-2-4 RSB-19 4/4/2002 2 to 4 ft		RSB-19-8-10 RSB-19 4/4/2002 8 to 10 ft		RSB-26-2-4 RSB-26 4/10/2002 2 to 4 ft		RSB-26-8-10 RSB-26 4/10/2002 8 to 10 ft		RSB-48-2-4 RSB-48 10/24/2002 2 to 4 ft		RSB-48-8-10 RSB-48 10/24/2002 8 to 10 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg					10	U	21	U				
74-87-3	Chloromethane	OLM04-2-V	ug/kg					10	U	21	U				
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg					10	U	21	U				
74-83-9	Bromomethane	OLM04-2-V	ug/kg					10	U	21	U				
75-00-3	Chloroethane	OLM04-2-V	ug/kg					10	U	21	U				
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg					2	J	21	U				
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg					10	U	21	U				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg					10	U	21	U				
67-64-1	Acetone	OLM04-2-V	ug/kg					10	UJ	41	UJ				
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg					10	U	21	U				
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg					10	U	21	U				
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg					31	UJ	32	UJ				
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg					10	U	21	U				
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg					10	U	21	U				
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg					10	U	21	U				
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg					10	U	21	U				
78-93-3	2-Butanone	OLM04-2-V	ug/kg					10	U	21	U				
67-66-3	Chloroform	OLM04-2-V	ug/kg					10	U	21	U				
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg					10	U	21	U				
110-82-7	Cyclohexane	OLM04-2-V	ug/kg					10	U	21	U				
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg					10	U	21	U				
71-43-2	Benzene	OLM04-2-V	ug/kg					10	U	21	U				
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg					10	U	21	U				
79-01-6	Trichloroethene	OLM04-2-V	ug/kg					10	U	21	U				
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg					10	U	37					
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg					10	U	21	U				
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg					10	U	21	U				
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg					10	U	21	U				
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg					10	U	21	U				
108-88-3	Toluene	OLM04-2-V	ug/kg					10	U	2	J				
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg					10	U	21	U				
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg					10	U	21	U				
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg					10	U	21	U				
591-78-6	2-Hexanone	OLM04-2-V	ug/kg					10	U	21	U				
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg					10	U	21	U				
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg					10	U	21	U				
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg					10	U	21	U				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-19-2-4		RSB-19-8-10		RSB-26-2-4		RSB-26-8-10		RSB-48-2-4		RSB-48-8-10	
			Location	RSB-19		RSB-19		RSB-26		RSB-26		RSB-48		RSB-48	
			Sample Date	4/4/2002		4/4/2002		4/10/2002		4/10/2002		10/24/2002		10/24/2002	
			Unit \\ Depth	2 to 4 ft		8 to 10 ft		2 to 4 ft		8 to 10 ft		2 to 4 ft		8 to 10 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg					10	U	11	J				
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg					10	U	120					
100-42-5	Styrene	OLM04-2-V	ug/kg					10	U	21	U				
75-25-2	Bromoform	OLM04-2-V	ug/kg					10	U	21	U				
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg					10	U	21	U				
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg					10	U	21	U				
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg					10	U	21	U				
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg					10	U	21	U				
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg					10	U	21	U				
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg					10	R	21	R				
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg					10	U	21	U				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-19-2-4 RSB-19 4/4/2002 2 to 4 ft		RSB-19-8-10 RSB-19 4/4/2002 8 to 10 ft		RSB-26-2-4 RSB-26 4/10/2002 2 to 4 ft		RSB-26-8-10 RSB-26 4/10/2002 8 to 10 ft		RSB-48-2-4 RSB-48 10/24/2002 2 to 4 ft		RSB-48-8-10 RSB-48 10/24/2002 8 to 10 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg					3700	UJ	170	J				
108-95-2	Phenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
98-86-2	Acetophenone	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
78-59-1	Isophorone	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
91-20-3	Naphthalene	OLM04-2-SV	ug/kg					3700	UJ	63	J				
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
105-60-2	Caprolactam	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg					9300	UJ	1500	UJ				
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg					9300	UJ	1500	UJ				
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg					9300	UJ	1500	UJ				
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg					3700	UJ	600	UJ				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-19-2-4 RSB-19 4/4/2002 2 to 4 ft	RSB-19-8-10 RSB-19 4/4/2002 8 to 10 ft	RSB-26-2-4 RSB-26 4/10/2002 2 to 4 ft	RSB-26-8-10 RSB-26 4/10/2002 8 to 10 ft	RSB-48-2-4 RSB-48 10/24/2002 2 to 4 ft	RSB-48-8-10 RSB-48 10/24/2002 8 to 10 ft
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg			9300 UJ	1500 UJ		
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg			9300 UJ	1500 UJ		
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
86-73-7	Fluorene	OLM04-2-SV	ug/kg			3700 UJ	76 J		
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg			9300 UJ	1500 UJ		
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg			9300 UJ	1500 UJ		
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
1912-24-9	Atrazine	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg			9300 UJ	1500 UJ		
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg			1600 J	630 J		
120-12-7	Anthracene	OLM04-2-SV	ug/kg			3700 UJ	130 J		
86-74-8	Carbazole	OLM04-2-SV	ug/kg			3700 UJ	89 J		
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg			2700 J	970 J		
129-00-0	Pyrene	OLM04-2-SV	ug/kg			2200 J	810 J		
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg			1300 J	460 J		
218-01-9	Chrysene	OLM04-2-SV	ug/kg			1300 J	500 J		
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg			3700 UJ	950 UJ		
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg			3700 UJ	600 UJ		
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg			1100 J	380 J		
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg			950 J	470 J		
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg			1200 J	450 J		
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg			730 J	300 J		
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg			3700 UJ	91 J		
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg			740 J	310 J		

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-19-2-4 RSB-19 4/4/2002 2 to 4 ft		RSB-19-8-10 RSB-19 4/4/2002 8 to 10 ft		RSB-26-2-4 RSB-26 4/10/2002 2 to 4 ft		RSB-26-8-10 RSB-26 4/10/2002 8 to 10 ft		RSB-48-2-4 RSB-48 10/24/2002 2 to 4 ft		RSB-48-8-10 RSB-48 10/24/2002 8 to 10 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
319-85-7	beta-BHC	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
319-86-8	delta-BHC	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
76-44-8	Heptachlor	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
309-00-2	Aldrin	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
60-57-1	Dieldrin	OLM04-2-PP	ug/kg					3.7	UJ	5.9	UJ				
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg					3.7	UJ	9.3	J				
72-20-8	Endrin	OLM04-2-PP	ug/kg					3.7	UJ	5.9	UJ				
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg					3.7	UJ	5.9	UJ				
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg					3.7	UJ	18	J				
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg					3.7	UJ	5.9	UJ				
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg					5.2	J	19	J				
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg					19	UJ	31	UJ				
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg					3.7	UJ	5.9	UJ				
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg					3.7	UJ	5.9	UJ				
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg					1.9	UJ	3.1	UJ				
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg					190	UJ	310	UJ				
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg					37	UJ	59	UJ				
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg					75	UJ	120	UJ				
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg					37	UJ	59	UJ				
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg					37	UJ	59	UJ				
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg					37	UJ	59	UJ				
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg					37	UJ	59	UJ				
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg					37	UJ	59	UJ				

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-19-2-4 RSB-19 4/4/2002 2 to 4 ft		RSB-19-8-10 RSB-19 4/4/2002 8 to 10 ft		RSB-26-2-4 RSB-26 4/10/2002 2 to 4 ft		RSB-26-8-10 RSB-26 4/10/2002 8 to 10 ft		RSB-48-2-4 RSB-48 10/24/2002 2 to 4 ft		RSB-48-8-10 RSB-48 10/24/2002 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	8060		1610		5960		5420		5130		1280	
7440-36-0	Antimony	ILM04-1-M	mg/kg	1	UJ	0.9	UJ	0.48	U	0.72	U	1.1	U	0.75	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	9.8	R	3.1	R	4	R	5.5	R	12.5	*J	4	*J
7440-39-3	Barium	ILM04-1-M	mg/kg	70.2		16.3	B	31.9	B	94.7		83.6		14.9	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.52	B	0.13	B	0.32	B	0.32	B	0.5	B	0.18	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.45	B	0.16	B	0.6	B	1.1	B	0.13	U	0.09	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	7540	J	229000	J	122000	J	63100	J	27900	*	124000	*
7440-47-3	Chromium	ILM04-1-M	mg/kg	18		5.5		12.4		230		125	J	4.8	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	6.8	B	1.7	B	4.9	B	4.4	B	5.4	B	1.6	B
7440-50-8	Copper	ILM04-1-M	mg/kg	16.2		4.8	B	15.6		14		17.3	R	5.3	B
7439-89-6	Iron	ILM04-1-M	mg/kg	19700		5010		14800		16200		14500	*	4590	*
7439-92-1	Lead	ILM04-1-M	mg/kg	9.4	J	3.4	J	86.9		54.5		17.7	J	3.7	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2530		6530		9270		2790		2310	*	3640	*
7439-96-5	Manganese	ILM04-1-M	mg/kg	627		284		319		385		681		228	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.1	B	0.05	U	0.09	J	0.23	J	0.15	R	0.11	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	18.6		5.6	B	15		12.8	B	16.9		7.4	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	603	B	627	B	915	B	892	B	393	BE	298	BE
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.2	U	1	U	0.5	B	0.75	B	1.2	BJ	0.64	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.24	U	0.2	U	0.11	U	0.16	U	0.45	B	0.23	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	144	B	166	B	199	B	501	B	149	U	101	U
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.6	U	1.4	U	0.48	U	0.72	U	0.98	U	0.66	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	17.3		4.7	B	11.4		12.3	B	12.1	B	4.1	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	69.2	J	18.4	J	79.4	J	279	J	73.5		25.3	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.12	B	0.05	U	0.13	B	0.22	B	0.53	B	0.37	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-19-2-4 RSB-19 4/4/2002 2 to 4 ft		RSB-19-8-10 RSB-19 4/4/2002 8 to 10 ft		RSB-26-2-4 RSB-26 4/10/2002 2 to 4 ft		RSB-26-8-10 RSB-26 4/10/2002 8 to 10 ft		RSB-48-2-4 RSB-48 10/24/2002 2 to 4 ft		RSB-48-8-10 RSB-48 10/24/2002 8 to 10 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	8	U	4	U	4	U	5	U	5.76	UJ	4.41	UJ
pH	pH	SW9045C	S.U.	7.8		8.2		8.1		7.9		7.7		8.7	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	38200		66400		34400		44300					
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	43		48		15		61					
Grain-10	No. 10 Sieve	ASTM-D421	%	8.9		17		26		11					
Grain-20	No. 20 Sieve	ASTM-D421	%	12		15		21		10					
Grain-40	No. 40 Sieve	ASTM-D421	%	10		8		12		5.5					
Grain-60	No. 60 Sieve	ASTM-D421	%	7.7		3.4		6		2.6					
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	8.3		3.4		6.5		3.2					
Grain-200	No. 200 Sieve	ASTM-D421	%	3.4		1		2.2		1.2					
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Hiteman Leather Site
Onsite Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-49-2-4 RSB-49 10/24/2002 2 to 4 ft	RSB-49-8-10 RSB-49 10/24/2002 8 to 10 ft	RSB-49-8-10-Dup RSB-49 10/24/2002 8 to 10 ft
1-VOA-s	**Volatile Organic Compounds - OLM04.2**					
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg			
74-87-3	Chloromethane	OLM04-2-V	ug/kg			
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg			
74-83-9	Bromomethane	OLM04-2-V	ug/kg			
75-00-3	Chloroethane	OLM04-2-V	ug/kg			
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg			
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg			
67-64-1	Acetone	OLM04-2-V	ug/kg			
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg			
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg			
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg			
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg			
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg			
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg			
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg			
78-93-3	2-Butanone	OLM04-2-V	ug/kg			
67-66-3	Chloroform	OLM04-2-V	ug/kg			
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg			
110-82-7	Cyclohexane	OLM04-2-V	ug/kg			
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg			
71-43-2	Benzene	OLM04-2-V	ug/kg			
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg			
79-01-6	Trichloroethene	OLM04-2-V	ug/kg			
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg			
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg			
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg			
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg			
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg			
108-88-3	Toluene	OLM04-2-V	ug/kg			
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg			
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg			
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg			
591-78-6	2-Hexanone	OLM04-2-V	ug/kg			
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg			
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg			
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg			

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-49-2-4 RSB-49 10/24/2002 2 to 4 ft			RSB-49-8-10 RSB-49 10/24/2002 8 to 10 ft			RSB-49-8-10-Dup RSB-49 10/24/2002 8 to 10 ft		
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg									
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg									
100-42-5	Styrene	OLM04-2-V	ug/kg									
75-25-2	Bromoform	OLM04-2-V	ug/kg									
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg									
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg									
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg									
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg									
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg									
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg									
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg									

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-49-2-4 RSB-49 10/24/2002 2 to 4 ft	RSB-49-8-10 RSB-49 10/24/2002 8 to 10 ft	RSB-49-8-10-Dup RSB-49 10/24/2002 8 to 10 ft
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**					
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg			
108-95-2	Phenol	OLM04-2-SV	ug/kg			
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg			
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg			
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg			
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg			
98-86-2	Acetophenone	OLM04-2-SV	ug/kg			
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg			
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg			
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg			
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg			
78-59-1	Isophorone	OLM04-2-SV	ug/kg			
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg			
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg			
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg			
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg			
91-20-3	Naphthalene	OLM04-2-SV	ug/kg			
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg			
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg			
105-60-2	Caprolactam	OLM04-2-SV	ug/kg			
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg			
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg			
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg			
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg			
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg			
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg			
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg			
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg			
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg			
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg			
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg			
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg			
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg			

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-49-2-4 RSB-49 10/24/2002 2 to 4 ft			RSB-49-8-10 RSB-49 10/24/2002 8 to 10 ft			RSB-49-8-10-Dup RSB-49 10/24/2002 8 to 10 ft		
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**											
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg									
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg									
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg									
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg									
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg									
86-73-7	Fluorene	OLM04-2-SV	ug/kg									
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg									
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg									
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg									
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg									
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg									
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg									
1912-24-9	Atrazine	OLM04-2-SV	ug/kg									
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg									
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg									
120-12-7	Anthracene	OLM04-2-SV	ug/kg									
86-74-8	Carbazole	OLM04-2-SV	ug/kg									
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg									
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg									
129-00-0	Pyrene	OLM04-2-SV	ug/kg									
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg									
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg									
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg									
218-01-9	Chrysene	OLM04-2-SV	ug/kg									
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg									
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg									
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg									
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg									
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg									
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg									
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg									
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg									

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-49-2-4 / RSB-49 / 10/24/2002 / 2 to 4 ft			RSB-49-8-10 / RSB-49 / 10/24/2002 / 8 to 10 ft			RSB-49-8-10-Dup / RSB-49 / 10/24/2002 / 8 to 10 ft			
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**												
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg										
319-85-7	beta-BHC	OLM04-2-PP	ug/kg										
319-86-8	delta-BHC	OLM04-2-PP	ug/kg										
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg										
76-44-8	Heptachlor	OLM04-2-PP	ug/kg										
309-00-2	Aldrin	OLM04-2-PP	ug/kg										
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg										
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg										
60-57-1	Dieldrin	OLM04-2-PP	ug/kg										
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg										
72-20-8	Endrin	OLM04-2-PP	ug/kg										
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg										
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg										
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg										
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg										
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg										
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg										
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg										
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg										
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg										
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg										
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg										
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg										
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg										
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg										
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg										
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg										
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg										

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-49-2-4 RSB-49 10/24/2002 2 to 4 ft		RSB-49-8-10 RSB-49 10/24/2002 8 to 10 ft		RSB-49-8-10-Dup RSB-49 10/24/2002 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**								
7429-90-5	Aluminum	ILM04-1-M	mg/kg	4480		1830		2160	*
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.77	U	0.75	U	0.76	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	11.2	*	3.5	*	4.5	*J
7440-39-3	Barium	ILM04-1-M	mg/kg	47.6		12.3	B	14.3	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.43	B	0.23	B	0.21	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.2	B	0.09	U	0.09	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	121000	*	253000	*	240000	
7440-47-3	Chromium	ILM04-1-M	mg/kg	13.4	J	4.9	J	5.1	N*J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	5.2	B	2.2	B	2.5	B
7440-50-8	Copper	ILM04-1-M	mg/kg	18.8	R	9.2	R	44.7	*J
7439-89-6	Iron	ILM04-1-M	mg/kg	15100	*	5330	*	6070	*
7439-92-1	Lead	ILM04-1-M	mg/kg	24.6	J	6.5	J	7.6	*
7439-95-4	Magnesium	ILM04-1-M	mg/kg	4730	*	4850	*	6220	
7439-96-5	Manganese	ILM04-1-M	mg/kg	580		180		242	*
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.19	R	0.1	R	0.1	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	17.5		9.1		7.5	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	757	BE	542	BE	447	BE
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.66	U	0.64	U	0.65	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.41	B	0.24	U	0.24	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	104	U	164	B	103	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.68	U	0.67	U	0.67	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	14.8	J	5.6	B	5.4	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	113		33.8		36.8	*
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.37	B	0.35	B	0.18	B

Hiteman Leather Site
Onsite Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-49-2-4 RSB-49 10/24/2002 2 to 4 ft		RSB-49-8-10 RSB-49 10/24/2002 8 to 10 ft		RSB-49-8-10-Dup RSB-49 10/24/2002 8 to 10 ft	
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4.76	UJ	4.25	UJ	4.42	UJ
pH	pH	SW9045C	S.U.	7.9		8.9		7.9	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg						
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%						
Grain-10	No. 10 Sieve	ASTM-D421	%						
Grain-20	No. 20 Sieve	ASTM-D421	%						
Grain-40	No. 40 Sieve	ASTM-D421	%						
Grain-60	No. 60 Sieve	ASTM-D421	%						
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%						
Grain-200	No. 200 Sieve	ASTM-D421	%						
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						

Hiteman Leather Site
Offsite Surface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		RSB-20-0-2 RSB-20 4/4/2002 0 to 2 ft		RSB-21-0-2 RSB-21 4/3/2002 0 to 2 ft		RSB-22-0-2 RSB-22 4/3/2002 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3340		16200		15800		3750		6550		5310	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.33	UJ	0.36	UJ	0.36	UJ	1	BJ	3.1	BJ	7.2	BJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	5.3		7.6		7.7		7.6	R	7		45.7	
7440-39-3	Barium	ILM04-1-M	mg/kg	24.8	B	54.3		53.8		28.8	B	116	J	242	J
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.32	B	0.89	B	0.85	B	0.25	B	0.36	B	0.38	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.04	U	0.05	U	0.05	U	0.41	B	1.8		2.2	
7440-70-2	Calcium	ILM04-1-M	mg/kg	153000		3380		3280		192000	J	53200	J	105000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	5.7	J	17.4	J	17.3	J	49.1		866	J	1160	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	3.2	B	9.8	B	10	B	3.5	B	5.9	B	5.8	B
7440-50-8	Copper	ILM04-1-M	mg/kg	11.9		13.2		13		20.7		56.3		99.4	
7439-89-6	Iron	ILM04-1-M	mg/kg	9050		24600		24700		13600		26900	J	26400	J
7439-92-1	Lead	ILM04-1-M	mg/kg	8.2		15.3		15.3		145	J	216	J	428	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	10600		2530		2560		7230		5430	J	5790	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	276		422		414		290		405	J	336	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.05	U	0.11	BJ	0.08	BJ	0.2		0.24		0.49	
7440-02-0	Nickel	ILM04-1-M	mg/kg	8.9	J	26.5	J	26.5	J	10.9		17.5	J	18.6	J
7440-09-7	Potassium	ILM04-1-M	mg/kg	767	B	564	B	509	B	987	B	955	B	1100	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.59	U	0.67	B	1.3		0.99	U	1.1		16	
7440-22-4	Silver	ILM04-1-M	mg/kg	0.14	U	0.16	U	0.16	U	0.19	U	0.18	U	1	B
7440-23-5	Sodium	ILM04-1-M	mg/kg	208	B	86.9	B	87.3	B	200	B	490	B	975	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.53	U	0.94	R	1.4	R	1.3	U	1.2	U	1.6	B
7440-62-2	Vanadium	ILM04-1-M	mg/kg	9.1	B	23.1		22.4		9.9	B	15.6	J	19.3	J
7440-66-6	Zinc	ILM04-1-M	mg/kg	35.7		62.7		63.2		71.8	J	282	J	602	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.08	U	0.11	B	0.11	B	0.15	B	0.74		1.7	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-35-0-2 RSB-35 7/25/2002 Background	RSB-36-0-2 RSB-36 7/25/2002 Background	RSB-36-0-2-DUP RSB-36 7/25/2002 Background	RSB-20-0-2 RSB-20 4/4/2002 0 to 2 ft	RSB-21-0-2 RSB-21 4/3/2002 0 to 2 ft	RSB-22-0-2 RSB-22 4/3/2002 0 to 2 ft
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg				4 U	20 U	17 J
pH	pH	SW9045C	S.U.				7.9	8	8
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg				43400	84800	23100
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%				35	30	21
Grain-10	No. 10 Sieve	ASTM-D421	%				18	14	17
Grain-20	No. 20 Sieve	ASTM-D421	%				23	17	21
Grain-40	No. 40 Sieve	ASTM-D421	%				13	12	12
Grain-60	No. 60 Sieve	ASTM-D421	%				5.2	6.8	6.6
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%				4.8	7.8	7.6
Grain-200	No. 200 Sieve	ASTM-D421	%				1.6	2.4	2.5
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-23-0-2 RSB-23 4/3/2002 0 to 2 ft		RSB-24-0-2 RSB-24 4/4/2002 0 to 2 ft		RSB-25-0-2 RSB-25 4/4/2002 0 to 2 ft		RSB-40-0-2 RSB-40 10/22/2002 0 to 2 ft		RSB-41-0-2 RSB-41 10/22/2002 0 to 2 ft		RSB-42-0-2 RSB-42 10/23/2002 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	4000		8650		8780		2030		8500		6780	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.86	UJ	0.91	UJ	0.88	UJ	0.43	U	9.9	B	0.5	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	2.7		5.6	R	7	R	3		80.9		5	
7440-39-3	Barium	ILM04-1-M	mg/kg	30.7	B	51.4		54.3		17.5	B	245		48	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.22	B	0.43	B	0.55	B	0.14	B	0.37	B	0.17	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.29	B	0.43	B	0.54	B	0.19	B	3.3		0.38	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	49500	J	3940	J	5920	J	276000	EJ	45800	EJ	93900	EJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	24.3	J	10.5		27.9		6.7		1430		19.7	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	3.2	B	4.7	B	5	B	2.2	B	5.6	B	6.3	B
7440-50-8	Copper	ILM04-1-M	mg/kg	9.5		20.3		24		8.5	J	188	J	14.1	J
7439-89-6	Iron	ILM04-1-M	mg/kg	7890	J	18500		17600		5330	EJ	18400	EJ	16800	EJ
7439-92-1	Lead	ILM04-1-M	mg/kg	13.7	J	16.2	J	18.1	J	16.1		469		44.7	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	1900	J	1350		2000		3130		1280	B	9410	
7439-96-5	Manganese	ILM04-1-M	mg/kg	308	J	646		766		226		338		510	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.09		0.13		0.16		0.2	R	1.1		0.12	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	8.3	B	10.3		13.9		6.7	B	16.4	J	14.9	J
7440-09-7	Potassium	ILM04-1-M	mg/kg	436	B	423	B	548	B	740	B	804	B	1070	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.98	U	1	U	1.2		0.54	U	3		1.6	
7440-22-4	Silver	ILM04-1-M	mg/kg	0.19	U	0.2	U	0.2	U	0.17	U	1.3	B	1.9	B
7440-23-5	Sodium	ILM04-1-M	mg/kg	97.4	B	96	B	101	B	222	B	227	B	163	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.3	U	1.4	U	1.3	U	1.5	U	2	U	1.7	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	8.3	B	20.9		18.1		5.6	B	27.5		16.3	
7440-66-6	Zinc	ILM04-1-M	mg/kg	36.6	J	59	J	53.8	J	89.3		645		71.7	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.12	B	0.17	B	0.34	B	0.13	B	0.21	B	0.18	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-23-0-2 RSB-23 4/3/2002 0 to 2 ft		RSB-24-0-2 RSB-24 4/4/2002 0 to 2 ft		RSB-25-0-2 RSB-25 4/4/2002 0 to 2 ft		RSB-40-0-2 RSB-40 10/22/2002 0 to 2 ft		RSB-41-0-2 RSB-41 10/22/2002 0 to 2 ft		RSB-42-0-2 RSB-42 10/23/2002 0 to 2 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	4	U	17	U	4	U	4.28	UJ	5.39	UJ	4.76	UJ
pH	pH	SW9045C	S.U.	8		7.1		7.8		8		7.6		7.7	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	50400		58400		49000		60800		43600		44100	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	49		24		42							
Grain-10	No. 10 Sieve	ASTM-D421	%	18		8.1		17							
Grain-20	No. 20 Sieve	ASTM-D421	%	18		19		16							
Grain-40	No. 40 Sieve	ASTM-D421	%	5.8		15		8.2							
Grain-60	No. 60 Sieve	ASTM-D421	%	2.1		7.8		4							
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	2.2		8.4		4.3							
Grain-200	No. 200 Sieve	ASTM-D421	%	1.1		3		1.6							
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-43-0-2 / RSB-43 / 10/24/2002 / 0 to 2 ft		RSB-44-0-2 / RSB-44 / 10/24/2002 / 0 to 2 ft		RSB-45-0-2 / RSB-45 / 10/23/2002 / 0 to 2 ft		RSB-46-0-2 / RSB-46 / 10/23/2002 / 0 to 2 ft		RSB-47-0-2 / RSB-47 / 10/23/2002 / 0 to 2 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**												
7429-90-5	Aluminum	ILM04-1-M	mg/kg	6050	*	4800	*	6830		3890	*	5430	*
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.94	U	0.82	U	2.7	B	0.8	U	0.86	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	18.1	*	7.4	*J	14.5		6.2	*J	6.5	*J
7440-39-3	Barium	ILM04-1-M	mg/kg	349		58.7		219		37.9	B	48	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.44	B	0.44	B	0.33	B	0.36	B	0.49	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	5		0.35	B	1.5	J	0.25	B	0.27	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	30600		70800		17000	EJ	101000		83000	
7440-47-3	Chromium	ILM04-1-M	mg/kg	1210	N*J	14.8	N*J	106		19.5	N*J	11.3	N*J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	10.5	B	5.4	B	8.2	B	3.9	B	5.1	B
7440-50-8	Copper	ILM04-1-M	mg/kg	634	*	39.4	*	57.8	J	8.9	*	7.1	*
7439-89-6	Iron	ILM04-1-M	mg/kg	47400	*	13800	*	38800	EJ	9690	*	12700	*
7439-92-1	Lead	ILM04-1-M	mg/kg	1820	*	84.6	*	818		39.7	*	29.4	*
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2150		3420		1810		2500		2360	
7439-96-5	Manganese	ILM04-1-M	mg/kg	650	*	465	*	820		487	*	598	*
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.85	N*J	0.3	N*J	0.42		0.11	R	0.11	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	33.6		22.1		26	J	11.7		10.6	
7440-09-7	Potassium	ILM04-1-M	mg/kg	508	BE	627	BE	550	B	346	BE	420	BE
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.81	UJ	0.7	UJ	4.1		0.7	BJ	1.2	J
7440-22-4	Silver	ILM04-1-M	mg/kg	2.7		0.55	B	4		0.33	B	0.42	B
7440-23-5	Sodium	ILM04-1-M	mg/kg	127	U	111	U	144	B	127	B	116	U
7440-28-0	Thallium	ILM04-1-M	mg/kg	3.2		0.73	U	1.7	UJ	0.7	U	0.76	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	19.7	J	13.4	J	18.9		15.8	J	13.7	J
7440-66-6	Zinc	ILM04-1-M	mg/kg	1170	*	119	*	471		68.3	*	61	*
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.21	B	0.16	B	0.19	B	0.19	B	0.19	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-43-0-2 / RSB-43 / 10/24/2002 / 0 to 2 ft		RSB-44-0-2 / RSB-44 / 10/24/2002 / 0 to 2 ft		RSB-45-0-2 / RSB-45 / 10/23/2002 / 0 to 2 ft		RSB-46-0-2 / RSB-46 / 10/23/2002 / 0 to 2 ft		RSB-47-0-2 / RSB-47 / 10/23/2002 / 0 to 2 ft	
6WetChem-s	**Wet Chemistry**												
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	28.8	UJ	4.6	UJ	5.52	UJ	4.82	UJ	5.12	UJ
pH	pH	SW9045C	S.U.	7.5		7.8		7.7		7.9		7.7	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg					55800		45600		36300	
Grain Size	**Grain Size Analysis**												
Grain-4	No. 4 Sieve	ASTM-D421	%										
Grain-10	No. 10 Sieve	ASTM-D421	%										
Grain-20	No. 20 Sieve	ASTM-D421	%										
Grain-40	No. 40 Sieve	ASTM-D421	%										
Grain-60	No. 60 Sieve	ASTM-D421	%										
Grain-120	No. 120 Sieve	ASTM-D421	%										
Grain-140	No. 140 Sieve	ASTM-D421	%										
Grain-200	No. 200 Sieve	ASTM-D421	%										
Grain-270	No. 270 Sieve	ASTM-D421	%										
Grain-325	No. 325 Sieve	ASTM-D421	%										
Grain-400	No. 400 Sieve	ASTM-D421	%										

Hiteman Leather Site
Offsite Subsurface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background		RSB-35-4-6 RSB-35 7/25/2002 Background		RSB-36-2-4 RSB-36 7/25/2002 Background		RSB-36-4-6 RSB-36 7/25/2002 Background		RSB-20-2-4 RSB-20 4/4/2002 2 to 4 ft		RSB-20-8-10 RSB-20 4/4/2002 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	12300		7140		11100		7630		2870		3250	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.43	BJ	0.48	BJ	0.36	UJ	0.33	UJ	0.83	UJ	0.97	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	10.2		8.5		8.7		7.5		3.6	R	5.7	R
7440-39-3	Barium	ILM04-1-M	mg/kg	72.3		39.7	B	53.2		35	B	15.1	B	42.9	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	1	B	0.61	B	0.96	B	0.65	B	0.19	B	0.23	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.05	U	0.05	U	0.05	U	0.04	U	0.19	B	0.23	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	26200		70200		10200		55600		181000	J	69300	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	18.8	J	11.4	J	17.8	J	13.4	J	6.8		5.4	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	8.6	B	5.5	B	7.3	B	5.8	B	2.5	B	4	B
7440-50-8	Copper	ILM04-1-M	mg/kg	13.7		15.3		14.7		13.9		11.6		18	
7439-89-6	Iron	ILM04-1-M	mg/kg	24600		18100		20600		16900		7670		10900	
7439-92-1	Lead	ILM04-1-M	mg/kg	13.2		7.8		11.4		10.1		5.1	J	6.3	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3140		3550		2990		3540		5930		14500	
7439-96-5	Manganese	ILM04-1-M	mg/kg	230		211		554		440		260		301	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.16	J	0.09	B	0.15	J	0.08	BJ	0.06	B	0.06	U
7440-02-0	Nickel	ILM04-1-M	mg/kg	25.4	J	16.6	J	23.9	J	18.7	J	7.6	B	9.4	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	674	B	813	B	625	B	686	B	884	B	1030	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.74	U	0.78	UJ	0.67	B	0.6	U	0.95	U	1.1	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.18	U	0.19	U	0.16	U	0.14	U	0.19	U	0.22	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	110	B	172	B	54.8	B	112	B	156	B	161	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.3	R	0.7	U	1.5	R	1.1	R	1.2	U	1.4	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	22		16		19.2		16		7.3	B	9.1	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	60.3		46.3		53.2		50.4		29.8	J	39.5	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.1	U	0.1	U	0.23	B	0.08	B	0.04	B	0.07	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	RSB-35-2-4 RSB-35 7/25/2002 Background	RSB-35-4-6 RSB-35 7/25/2002 Background	RSB-36-2-4 RSB-36 7/25/2002 Background	RSB-36-4-6 RSB-36 7/25/2002 Background	RSB-20-2-4 RSB-20 4/4/2002 2 to 4 ft	RSB-20-8-10 RSB-20 4/4/2002 8 to 10 ft
6WetChem-s	**Wet Chemistry**								
18540-29-9	Chromium (Hexavalent Compc	SW7196A	mg/kg					4 U	4 U
pH	pH	SW9045C	S.U.					8.3	8.5
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg					47800	43800
Grain Size	**Grain Size Analysis**								
Grain-4	No. 4 Sieve	ASTM-D421	%					27	0.1
Grain-10	No. 10 Sieve	ASTM-D421	%					16	0.5
Grain-20	No. 20 Sieve	ASTM-D421	%					23	1.5
Grain-40	No. 40 Sieve	ASTM-D421	%					19	1.4
Grain-60	No. 60 Sieve	ASTM-D421	%					4.9	1.4
Grain-120	No. 120 Sieve	ASTM-D421	%						
Grain-140	No. 140 Sieve	ASTM-D421	%					3.4	20
Grain-200	No. 200 Sieve	ASTM-D421	%					1.1	16
Grain-270	No. 270 Sieve	ASTM-D421	%						
Grain-325	No. 325 Sieve	ASTM-D421	%						
Grain-400	No. 400 Sieve	ASTM-D421	%						

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-21-2-4 RSB-21 4/3/2002 2 to 4 ft		RSB-21-8-10 RSB-21 4/3/2002 8 to 10 ft		RSB-22-2-4 RSB-22 4/3/2002 2 to 4 ft		RSB-22-6-8 RSB-22 4/3/2002 6 to 8 ft		RSB-22-8-10 RSB-22 4/3/2002 8 to 10 ft		RSB-23-2-4 RSB-23 4/3/2002 2 to 4 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	7240		1840		5390		5050		1520		4700	
7440-36-0	Antimony	ILM04-1-M	mg/kg	5.4	BJ	0.85	UJ	5.8	BJ	2.3	BJ	0.82	UJ	0.83	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	26.7		3.1		11.1		11.3		2.1		4.8	
7440-39-3	Barium	ILM04-1-M	mg/kg	423	J	31.1	B	279	J	202	J	21.5	B	30.1	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.49	B	0.13	B	0.29	B	0.46	B	0.11	B	0.27	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	2.9		0.74	B	3.1		2.2		0.21	B	0.38	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	40500	J	226000	J	92900	J	61900	J	241000	J	197000	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	1190	J	17.1	J	463	J	172	J	7.2	J	24.9	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	7.5	B	1.6	B	7.7	B	5.5	B	1.6	B	3.2	B
7440-50-8	Copper	ILM04-1-M	mg/kg	104		18.8		105		121		7.6		12.8	
7439-89-6	Iron	ILM04-1-M	mg/kg	36000	J	9420	J	56300	J	36500	J	4880	J	10400	J
7439-92-1	Lead	ILM04-1-M	mg/kg	374	J	59.6	J	1280	J	270	J	22.6	J	13.6	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	4430	J	7560	J	4960	J	2290	J	5430	J	4780	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	430	J	185	J	560	J	286	J	179	J	351	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.34		0.08		0.55		0.07	B	0.04	U	0.05	U
7440-02-0	Nickel	ILM04-1-M	mg/kg	41.6	J	6.3	B	31.1	J	22	J	4.6	B	9.6	J
7440-09-7	Potassium	ILM04-1-M	mg/kg	987	B	684	B	1180	B	958	B	712	B	863	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	9.1		0.97	U	2.8		2		0.94	U	0.96	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.3	B	0.19	U	0.88	B	0.39	B	0.18	U	0.19	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	1140	B	254	B	2110		937	B	183	B	172	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.5	U	1.3	U	1.6	U	1.6	U	1.2	U	1.2	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	21.2	J	5.3	B	19	J	22.4	J	4.2	B	10.2	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	733	J	100	J	1350	J	532	J	28.9	J	48.1	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	1.5		0.21	B	1.2		0.74		0.06	B	0.07	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-21-2-4 RSB-21 4/3/2002 2 to 4 ft		RSB-21-8-10 RSB-21 4/3/2002 8 to 10 ft		RSB-22-2-4 RSB-22 4/3/2002 2 to 4 ft		RSB-22-6-8 RSB-22 4/3/2002 6 to 8 ft		RSB-22-8-10 RSB-22 4/3/2002 8 to 10 ft		RSB-23-2-4 RSB-23 4/3/2002 2 to 4 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compc	SW7196A	mg/kg	20	U	4	J	15	J	4	J	4	U	4	U
pH	pH	SW9045C	S.U.	7.9		8.3		8		8.2		8		8	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	56200		79200		60300		55500		83200		6040	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	10		48		32		47		37		24	
Grain-10	No. 10 Sieve	ASTM-D421	%	17		18		14		16		22		24	
Grain-20	No. 20 Sieve	ASTM-D421	%	23		13		13		13		18		26	
Grain-40	No. 40 Sieve	ASTM-D421	%	18		7.7		8		7.1		13		10	
Grain-60	No. 60 Sieve	ASTM-D421	%	9.5		3.2		4.4		3.8		3.1		3.2	
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	9.5		3.6		7.3		4.8		2.8		3.6	
Grain-200	No. 200 Sieve	ASTM-D421	%	2.9		1.3		2.9		1.7		0.9		1.6	
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-23-8-10 RSB-23 4/3/2002 8 to 10 ft		RSB-24-2-4 RSB-24 4/4/2002 2 to 4 ft		RSB-24-8-10 RSB-24 4/4/2002 8 to 10 ft		RSB-25-2-4 RSB-25 4/4/2002 2 to 4 ft		RSB-25-8-10 RSB-25 4/4/2002 8 to 10 ft		RSB-40-2-4 RSB-40 10/22/2002 2 to 4 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	2500		2750		2790		3870		3170		1740	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.79	UJ	0.85	UJ	0.84	UJ	0.82	UJ	0.84	UJ	0.41	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	4.3		3.1	R	4.4	R	9.2	R	4.9	R	2.6	
7440-39-3	Barium	ILM04-1-M	mg/kg	13	B	12.3	B	19.4	B	18	B	17.1	B	21.3	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.14	B	0.18	B	0.17	B	0.26	B	0.21	B	0.18	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.19	B	0.15	B	0.16	B	0.25	B	0.21	B	0.1	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	222000	J	202000	J	215000	J	159000	J	207000	J	177000	EJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	5.6	J	5.9		4.9		7		6.1		4.6	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	1.9	B	2.2	B	2.2	B	3.3	B	2.7	B	1.9	B
7440-50-8	Copper	ILM04-1-M	mg/kg	8		6.9		9.5		10.9		11.7		6	J
7439-89-6	Iron	ILM04-1-M	mg/kg	6720	J	6940		7220		9960		9890		4830	EJ
7439-92-1	Lead	ILM04-1-M	mg/kg	4.2	J	4.1	J	4	J	6.9	J	5.4	J	8.5	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	4710	J	3450		5560		3370		4490		2900	
7439-96-5	Manganese	ILM04-1-M	mg/kg	196	J	242		191		288		253		188	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.04	U	0.05	U	0.06	B	0.065	B	0.05	B	0.1	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	5.8	B	7.1	B	6.7	B	10.4		9.2		5.5	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	835	B	583	B	777	B	671	B	837	B	633	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.91	U	0.98	U	0.97	U	0.95	U	0.96	U	0.52	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.18	U	0.19	U	0.19	U	0.18	U	0.19	U	0.17	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	150	B	140	B	184	B	147	B	153	B	137	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.2	U	1.3	U	1.3	U	1.2	U	1.2	U	1.7	B
7440-62-2	Vanadium	ILM04-1-M	mg/kg	5.7	B	7.1	B	6.4	B	9.2	B	9	B	4.1	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	20.4	J	23.6	J	25.3	J	33.4	J	30.7	J	34.1	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.04	U	0.05	B	0.1	B	0.08	B	0.08	B	0.14	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-23-8-10 RSB-23 4/3/2002 8 to 10 ft		RSB-24-2-4 RSB-24 4/4/2002 2 to 4 ft		RSB-24-8-10 RSB-24 4/4/2002 8 to 10 ft		RSB-25-2-4 RSB-25 4/4/2002 2 to 4 ft		RSB-25-8-10 RSB-25 4/4/2002 8 to 10 ft		RSB-40-2-4 RSB-40 10/22/2002 2 to 4 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compc	SW7196A	mg/kg	4	U	4	U	4	U	4	U	4	U	4.14	UJ
pH	pH	SW9045C	S.U.	8.4		8.2		8.4		8.3		8.4		8.3	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	65800		53400		37000		60900		22800		57200	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%	54		45		65		55		12			
Grain-10	No. 10 Sieve	ASTM-D421	%	11		12		7.3		12		10			
Grain-20	No. 20 Sieve	ASTM-D421	%	17		16		13		14		35			
Grain-40	No. 40 Sieve	ASTM-D421	%	8.7		14		8		9.6		28			
Grain-60	No. 60 Sieve	ASTM-D421	%	2.6		4.2		2		3.3		5.5			
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%	2.5		2.4		1.8		2.6		3.9			
Grain-200	No. 200 Sieve	ASTM-D421	%	0.9		0.8		0.6		0.8		1.2			
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-40-8-10 RSB-40 10/22/2002 8 to 10 ft		RSB-41-4-6 RSB-41 10/22/2002 4 to 6 ft		RSB-41-8-10 RSB-41 10/22/2002 8 to 10 ft		RSB-42-2-4 RSB-42 10/23/2002 2 to 4 ft		RSB-42-4-6 RSB-42 10/23/2002 4 to 6 ft		RSB-42-8-10 RSB-42 10/23/2002 8 to 10 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	2010		8250		2840		3250		5210	*	2380	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.42	U	3.6	B	0.65	B	3.6	B	1.1	U	2.4	B
7440-38-2	Arsenic	ILM04-1-M	mg/kg	2.1		19.1		10		6		22.8	*	11.6	
7440-39-3	Barium	ILM04-1-M	mg/kg	16	B	462		110		73.9		666		71.9	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.2	B	0.45	B	0.2	B	0.1	U	0.45	B	0.09	U
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.1	U	4		1.9		1	B	5.3		0.82	BJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	228000	EJ	21600	EJ	206000	EJ	181000	EJ	37400		188000	EJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	3.8		206		63.5		380		1070	N*J	164	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	2.2	B	10.1	B	4.9	B	6.4	B	13.2	B	4.6	B
7440-50-8	Copper	ILM04-1-M	mg/kg	7.8	J	643	J	101	J	43	J	204	*	62.7	J
7439-89-6	Iron	ILM04-1-M	mg/kg	4920	EJ	41300	EJ	22000	EJ	24000	EJ	95700	*	23200	EJ
7439-92-1	Lead	ILM04-1-M	mg/kg	3.7		621		201		227		1360	*	346	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3470		4560		5440		6230		2050		5420	
7439-96-5	Manganese	ILM04-1-M	mg/kg	225		386		312		427		646	*	293	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.1	R	0.37		0.1	R	0.25		30.3	N*J	0.92	
7440-02-0	Nickel	ILM04-1-M	mg/kg	7	B	68.8	J	21.9	J	15.9	J	48.8		14.3	J
7440-09-7	Potassium	ILM04-1-M	mg/kg	860	B	1410	J	1030	B	824	B	510	BE	789	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.52	U	3.4		0.54	U	2.5		3.1	J	2.2	
7440-22-4	Silver	ILM04-1-M	mg/kg	0.17	U	3.6		0.77	B	3.3		2.5	B	2.4	
7440-23-5	Sodium	ILM04-1-M	mg/kg	183	B	308	B	330	B	186	B	271	B	354	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.5	U	1.7	U	1.5	U	1.7	U	6.6		1.6	UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg	4.5	B	32.9		10.8	B	29.2		19.5	J	9.8	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	43.3		876		708		182		5000	*	506	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.14	B	0.15	B	0.13	B	0.18	B	0.23	B	0.18	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RSB-40-8-10		RSB-41-4-6		RSB-41-8-10		RSB-42-2-4		RSB-42-4-6		RSB-42-8-10	
			Location	RSB-40		RSB-41		RSB-41		RSB-42		RSB-42		RSB-42	
			Sample Date	10/22/2002		10/22/2002		10/22/2002		10/23/2002		10/23/2002		10/23/2002	
			Unit \\ Depth	8 to 10 ft		4 to 6 ft		8 to 10 ft		2 to 4 ft		4 to 6 ft		8 to 10 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compc	SW7196A	mg/kg	4.11	UJ	5.44	UJ	4.5	UJ	5.64		23.7	UJ	8.39	J
pH	pH	SW9045C	S.U.	8.3		7.9		8		7.9		7.5		8	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	60600		21600		48700		76900		98600		34800	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%												
Grain-60	No. 60 Sieve	ASTM-D421	%												
Grain-120	No. 120 Sleve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%												
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-43-2-4 / RSB-43 / 10/24/2002 / 2 to 4 ft		RSB-43-8-10 / RSB-43 / 10/24/2002 / 8 to 10 ft		RSB-44-2-4 / RSB-44 / 10/24/2002 / 2 to 4 ft		RSB-44-8-10 / RSB-44 / 10/24/2002 / 8 to 10 ft		RSB-45-2-4 / RSB-45 / 10/23/2002 / 2 to 4 ft		RSB-45-4-6 / RSB-45 / 10/23/2002 / 4 to 6 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	5780	*	2040	*	5290	*	1870	*	5010	*	2300	*
7440-36-0	Antimony	ILM04-1-M	mg/kg	1	B	1.2	B	0.84	U	0.75	U	5.2	B	0.78	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	19.8	*	5.7	*J	6.9	*J	5.8	*J	11.4	*	4.7	*J
7440-39-3	Barium	ILM04-1-M	mg/kg	171		40.3	B	47	B	21.6	B	2600		70.3	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.44	B	0.2	B	0.47	B	0.22	B	0.41	B	0.24	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	2.1		0.36	B	0.22	B	0.33	B	6.7		0.21	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	64800		179000		67900		192000		53300		198000	
7440-47-3	Chromium	ILM04-1-M	mg/kg	339	N*J	81.6	N*J	11	N*J	5.9	N*J	102	N*J	12.9	N*J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	10	B	3	B	5.5	B	2.2	B	12.8	B	9.4	B
7440-50-8	Copper	ILM04-1-M	mg/kg	114	*	31	*	17.7	*	9.4	*	120	*	17.5	*
7439-89-6	Iron	ILM04-1-M	mg/kg	63500	*	15300	*	13200	*	6610	*	56500	*	22600	*
7439-92-1	Lead	ILM04-1-M	mg/kg	1490	*	91.4	*	138	*	7.7	*	570	*	57.3	*
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2590		5800		4460		17400		2530		2990	
7439-96-5	Manganese	ILM04-1-M	mg/kg	715	*	305	*	468	*	235	*	509	*	391	*
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.41	N*J	0.11	R	0.12	R	0.1	R	1	N*J	0.11	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	31.6		8.3	B	13		8	B	44.3		38.4	
7440-09-7	Potassium	ILM04-1-M	mg/kg	458	BE	328	BE	526	BE	431	BE	800	BE	481	BE
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.73	UJ	0.66	UJ	0.72	UJ	0.64	UJ	2.5	J	0.67	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	1.7	B	0.29	B	0.7	B	0.23	U	2.1	B	0.59	B
7440-23-5	Sodium	ILM04-1-M	mg/kg	114	U	110	B	113	U	119	B	287	B	106	U
7440-28-0	Thallium	ILM04-1-M	mg/kg	4.2		1	B	0.74	U	0.66	U	4.4	J	2.1	B
7440-62-2	Vanadium	ILM04-1-M	mg/kg	14.9	J	5.4	B	13.9	J	6.9	B	27	J	7.7	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	492	*	191	*	79.4	*	144	*	1580	*	94.7	*
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.18	B	0.16	B	0.15	B	0.12	B	0.23	B	0.19	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-43-2-4 RSB-43 10/24/2002 2 to 4 ft		RSB-43-8-10 RSB-43 10/24/2002 8 to 10 ft		RSB-44-2-4 RSB-44 10/24/2002 2 to 4 ft		RSB-44-8-10 RSB-44 10/24/2002 8 to 10 ft		RSB-45-2-4 RSB-45 10/23/2002 2 to 4 ft		RSB-45-4-6 RSB-45 10/23/2002 4 to 6 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Com	SW7196A	mg/kg	4.9	UJ	4.33	UJ	4.92	UJ	4.37	UJ	5.58	UJ	4.49	UJ
pH	pH	SW9045C	S.U.	7.9		8.2		7.6		8.4		8.6		8.2	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg									23100		88200	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%												
Grain-60	No. 60 Sieve	ASTM-D421	%												
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%												
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-45-8-10 RSB-45 10/23/2002 8 to 10 ft		RSB-46-2-4 RSB-46 10/23/2002 2 to 4 ft		RSB-46-8-10 RSB-46 10/23/2002 8 to 10 ft		RSB-47-2-4 RSB-47 10/23/2002 2 to 4 ft		RSB-47-4-6 RSB-47 10/23/2002 4 to 6 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**												
7429-90-5	Aluminum	ILM04-1-M	mg/kg	2020	*	2400	*	2380	*	2830	*	2230	*
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.74	U	0.73	U	0.73	U	0.73	U	0.72	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	4.2	*J	4	*J	4.3	*J	4.7	*J	4.3	*J
7440-39-3	Barium	ILM04-1-M	mg/kg	67.2		16	B	16	B	16.8	B	13.2	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.17	B	0.22	B	0.21	B	0.23	B	0.21	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.31	B	0.08	U	0.08	U	0.08	U	0.08	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	184000		242000		223000		233000		225000	
7440-47-3	Chromium	ILM04-1-M	mg/kg	10.3	N*J	8.8	N*J	6.6	N*J	4.8	N*J	4.3	N*J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	2.5	B	2.4	B	2.4	B	3	B	2.4	B
7440-50-8	Copper	ILM04-1-M	mg/kg	18.4	*	6.5	*	6.2	*	4.5	B*	7.1	*
7439-89-6	Iron	ILM04-1-M	mg/kg	6850	*	6880	*	7380	*	7050	*	6500	*
7439-92-1	Lead	ILM04-1-M	mg/kg	62.4	*	5.5	*	7.2	*	6.8	*	6.7	*
7439-95-4	Magnesium	ILM04-1-M	mg/kg	7090		4680		4730		4880		3770	
7439-96-5	Manganese	ILM04-1-M	mg/kg	182	*	246	*	251	*	233	*	229	*
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.17	R	0.1	R	0.1	R	0.1	R	0.1	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	6.2	B	9		7.8	B	8.5		7.8	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	406	BE	387	BE	390	BE	485	BE	470	BE
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.88	BJ	0.63	U	0.63	U	0.62	U	0.62	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.32	B	0.23	U	0.23	U	0.23	U	0.23	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	154	B	186	B	161	B	180	B	149	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.66	U	0.65	U	0.65	U	0.64	U	0.64	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	4.9	B	5.7	B	6.8	B	6.4	B	5.9	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	83	*	26.2	*	30	*	34.3	*	26.3	*
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.19	B	0.17	B	0.16	B	0.15	B	0.18	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSB-45-8-10 / RSB-45 / 10/23/2002 / 8 to 10 ft		RSB-46-2-4 / RSB-46 / 10/23/2002 / 2 to 4 ft		RSB-46-8-10 / RSB-46 / 10/23/2002 / 8 to 10 ft		RSB-47-2-4 / RSB-47 / 10/23/2002 / 2 to 4 ft		RSB-47-4-6 / RSB-47 / 10/23/2002 / 4 to 6 ft	
6WetChem-s	**Wet Chemistry**												
18540-29-9	Chromium (Hexavalent Compc	SW7196A	mg/kg	4.14	UJ	4.34	UJ	4.2	UJ	4.22	UJ	4.35	UJ
pH	pH	SW9045C	S.U.	8.4		8.3		8.4		8.3		8.3	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	42700		49100		29400		32300		61000	
Grain Size	**Grain Size Analysis**												
Grain-4	No. 4 Sieve	ASTM-D421	%										
Grain-10	No. 10 Sieve	ASTM-D421	%										
Grain-20	No. 20 Sieve	ASTM-D421	%										
Grain-40	No. 40 Sieve	ASTM-D421	%										
Grain-60	No. 60 Sieve	ASTM-D421	%										
Grain-120	No. 120 Sieve	ASTM-D421	%										
Grain-140	No. 140 Sieve	ASTM-D421	%										
Grain-200	No. 200 Sieve	ASTM-D421	%										
Grain-270	No. 270 Sieve	ASTM-D421	%										
Grain-325	No. 325 Sieve	ASTM-D421	%										
Grain-400	No. 400 Sieve	ASTM-D421	%										

Hiteman Leather Site
South Bank Front Lot Surface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		RSS-01 RSS-01 10/23/2002		RSS-02 RSS-02 10/23/2002		RSS-03 RSS-03 10/23/2002	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	3340		16200		15800		5070		5350		7940	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.33	UJ	0.36	UJ	0.36	UJ	1.6	B	0.75	B	0.64	B
7440-38-2	Arsenic	ILM04-1-M	mg/kg	5.3		7.6		7.7		9.6		9.7		7.9	
7440-39-3	Barium	ILM04-1-M	mg/kg	24.8	B	54.3		53.8		144		94.7		209	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.32	B	0.89	B	0.85	B	0.45	B	0.2	B	0.7	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.04	U	0.05	U	0.05	U	0.41	B	0.38	BJ	0.76	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	153000		3380		3280		49400	EJ	40000	EJ	12600	EJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	5.7	J	17.4	J	17.3	J	474		371		104	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	3.2	B	9.8	B	10	B	5.1	B	5.5	B	8.1	B
7440-50-8	Copper	ILM04-1-M	mg/kg	11.9		13.2		13		23	J	18.3	J	22.2	J
7439-89-6	Iron	ILM04-1-M	mg/kg	9050		24600		24700		12300	EJ	13300	EJ	18700	EJ
7439-92-1	Lead	ILM04-1-M	mg/kg	8.2		15.3		15.3		48.9		86.7		175	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	10600		2530		2560		3010		2750		2920	
7439-96-5	Manganese	ILM04-1-M	mg/kg	276		422		414		402		404		1210	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.05	U	0.11	BJ	0.08	BJ	0.23	R	0.27	R	0.24	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	8.9	J	26.5	J	26.5	J	13.6	J	13.7	J	16.9	J
7440-09-7	Potassium	ILM04-1-M	mg/kg	767	B	564	B	509	B	847	B	681	B	1360	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	0.59	U	0.67	B	1.3		1.9		1.8		1.4	B
7440-22-4	Silver	ILM04-1-M	mg/kg	0.14	U	0.16	U	0.16	U	0.55	B	1.5	B	0.81	B
7440-23-5	Sodium	ILM04-1-M	mg/kg	208	B	86.9	B	87.3	B	111	B	111	B	112	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	0.53	U	0.94	R	1.4	R	2.1	U	2	UJ	2	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	9.1	B	23.1		22.4		10.9	B	11.4	B	18	
7440-66-6	Zinc	ILM04-1-M	mg/kg	35.7		62.7		63.2		98.8		110		252	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.08	U	0.11	B	0.11	B	0.14	B	0.1	B	0.23	B

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RSB-35-0-2 RSB-35 7/25/2002 Background		RSB-36-0-2 RSB-36 7/25/2002 Background		RSB-36-0-2-DUP RSB-36 7/25/2002 Background		RSS-01 RSS-01 10/23/2002		RSS-02 RSS-02 10/23/2002		RSS-03 RSS-03 10/23/2002	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg							6.36	UJ	5.6	UJ	6.01	UJ
pH	pH	SW9045C	S.U.							7.6		7.7		7.4	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg							28500		29600		28600	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%												
Grain-60	No. 60 Sieve	ASTM-D421	%												
Grain-120	No. 120 Sieve	ASTM-D421	%												
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%												
Grain-270	No. 270 Sieve	ASTM-D421	%												
Grain-325	No. 325 Sieve	ASTM-D421	%												
Grain-400	No. 400 Sieve	ASTM-D421	%												

Hiteman Leather Site
South Bank Front Lot Surface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSS-03-Dup RSS-03 10/23/2002		RSS-04 RSS-04 10/23/2002		RSS-05 RSS-05 10/23/2002		RSS-06 RSS-06 10/23/2002	
5-Inorg-s	**Inorganic Analytes - ILM04.1**										
7429-90-5	Aluminum	ILM04-1-M	mg/kg	8990		5140		3630		7760	
7440-36-0	Antimony	ILM04-1-M	mg/kg	0.6	U	0.64	U	0.7	U	0.61	U
7440-38-2	Arsenic	ILM04-1-M	mg/kg	9.6		5.3		7		16.5	
7440-39-3	Barium	ILM04-1-M	mg/kg	216		71.3		55.2	B	196	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.57	B	0.41	B	0.28	B	0.63	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.92	B	0.59	B	0.18	B	0.53	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	14600	EJ	30400	EJ	36600	EJ	8480	EJ
7440-47-3	Chromium	ILM04-1-M	mg/kg	109		131		200		143	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	9.3	B	5	B	3.4	B	8.1	B
7440-50-8	Copper	ILM04-1-M	mg/kg	28.7	J	17.2	J	14.3	J	24.7	J
7439-89-6	Iron	ILM04-1-M	mg/kg	24700	EJ	12100	EJ	9630	EJ	17900	EJ
7439-92-1	Lead	ILM04-1-M	mg/kg	189		27.4		22.8		94.1	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3000		2530		2340		2580	
7439-96-5	Manganese	ILM04-1-M	mg/kg	1360		393		281		836	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.24	R	0.15	R	0.15	R	0.24	R
7440-02-0	Nickel	ILM04-1-M	mg/kg	21.3	J	14.7	J	8.8	B	18.7	J
7440-09-7	Potassium	ILM04-1-M	mg/kg	1480	B	817	B	868	B	1300	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	3.2		1.3	B	1.2	B	1.6	
7440-22-4	Silver	ILM04-1-M	mg/kg	2.3	B	0.54	B	0.6	B	1.3	B
7440-23-5	Sodium	ILM04-1-M	mg/kg	164	B	127	B	124	B	104	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	2.1	U	2.2	U	2.5	U	2.1	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	22.2		10.7	B	9	B	19.5	
7440-66-6	Zinc	ILM04-1-M	mg/kg	329		126		66.2		201	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.23	B	0.26	B	0.26	B	0.14	B

Hiteman Leather Site
South Bank Front Lot Surface Soil Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	RSS-03-Dup RSS-03 10/23/2002		RSS-04 RSS-04 10/23/2002		RSS-05 RSS-05 10/23/2002		RSS-06 RSS-06 10/23/2002	
6WetChem-s	**Wet Chemistry**										
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	84.1	UJ	6.56	UJ	7.32	UJ	6.35	UJ
pH	pH	SW9045C	S.U.	7.6		7.7		7.7		7.4	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	33700		37400		43900		29100	
Grain Size	**Grain Size Analysis**										
Grain-4	No. 4 Sieve	ASTM-D421	%								
Grain-10	No. 10 Sieve	ASTM-D421	%								
Grain-20	No. 20 Sieve	ASTM-D421	%								
Grain-40	No. 40 Sieve	ASTM-D421	%								
Grain-60	No. 60 Sieve	ASTM-D421	%								
Grain-120	No. 120 Sieve	ASTM-D421	%								
Grain-140	No. 140 Sieve	ASTM-D421	%								
Grain-200	No. 200 Sieve	ASTM-D421	%								
Grain-270	No. 270 Sieve	ASTM-D421	%								
Grain-325	No. 325 Sieve	ASTM-D421	%								
Grain-400	No. 400 Sieve	ASTM-D421	%								

Onsite Wetland Sediment Sample Results

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-11-0-6 WTSD-11 5/18/2001 Background		WTSD-11-18-24 WTSD-11 5/18/2001 Background		WTSD-12-0-6 WTSD-12 5/21/2001 Background		WTSD-12-18-24 WTSD-12 5/21/2001 Background	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**										
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
67-64-1	Acetone	OLM04-2-V	ug/kg	610	J	110		600	J	42	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	48	UJ	17	U	6	J	5	J
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	77	J	17	U	16	J	22	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	86	J	17	U	55	UJ	22	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
71-43-2	Benzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	21	J	17	U	24	J	22	U
108-88-3	Toluene	OLM04-2-V	ug/kg	35	J	17	U	8	J	22	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-11-0-6 WTSD-11 5/18/2001 Background		WTSD-11-18-24 WTSD-11 5/18/2001 Background		WTSD-12-0-6 WTSD-12 5/21/2001 Background		WTSD-12-18-24 WTSD-12 5/21/2001 Background	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
100-42-5	Styrene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	48	UJ	17	U	54	UJ	22	U

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	WTSD-11-0-6		WTSD-11-18-24		WTSD-12-0-6		WTSD-12-18-24	
				Location	WTSD-11		WTSD-11		WTSD-12		WTSD-12	
				Sample Date	5/18/2001		5/18/2001		5/21/2001		5/21/2001	
					Background		Background		Background		Background	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**											
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	96	J
108-95-2	Phenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
78-59-1	Isophorone	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg		2200	UJ	1300	UJ	2500	UJ	1600	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg		2200	UJ	1300	UJ	2500	UJ	1600	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg		2200	UJ	1300	UJ	2500	UJ	1600	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg		890	UJ	530	UJ	1000	UJ	650	U

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-11-0-6 WTSD-11 5/18/2001 Background		WTSD-11-18-24 WTSD-11 5/18/2001 Background		WTSD-12-0-6 WTSD-12 5/21/2001 Background		WTSD-12-18-24 WTSD-12 5/21/2001 Background	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**										
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	2200	UJ	1300	UJ	2500	UJ	1600	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	2200	UJ	1300	UJ	2500	UJ	1600	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
86-73-7	Fluorene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	2200	UJ	1300	UJ	2500	UJ	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	2200	UJ	1300	UJ	2500	UJ	1600	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	890	R	530	R	1000	R	650	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	2200	UJ	1300	UJ	2500	UJ	1600	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	340	J	650	U
120-12-7	Anthracene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
86-74-8	Carbazole	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	150	J	530	UJ	550	J	87	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	130	J	530	UJ	470	J	83	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	170	J	650	U
218-01-9	Chrysene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	230	J	650	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	200	J	650	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	240	J	650	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	200	J	650	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	150	J	650	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	890	UJ	530	UJ	1000	UJ	650	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	WTSD-11-0-6 WTSD-11 5/18/2001 Background		WTSD-11-18-24 WTSD-11 5/18/2001 Background		WTSD-12-0-6 WTSD-12 5/21/2001 Background		WTSD-12-18-24 WTSD-12 5/21/2001 Background	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**										
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	4.6	UJ	2.7	UJ	5.2	UJ	3.3	U
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	4.6	UJ	2.7	UJ	5.2	UJ	3.3	U
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	4.6	UJ	2.7	UJ	5.2	UJ	3.3	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	4.6	UJ	2.7	UJ	5.2	UJ	3.3	U
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	4.6	UJ	0.42	J	5.2	UJ	3.3	U
309-00-2	Aldrin	OLM04-2-PP	ug/kg	4.6	UJ	2.7	UJ	5.2	UJ	3.3	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	4.6	UJ	2.7	UJ	5.2	UJ	3.3	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	4.6	UJ	2.7	UJ	5.2	UJ	3.3	U
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	5	J
72-20-8	Endrin	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	46	UJ	27	UJ	52	UJ	33	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	8.9	UJ	5.3	UJ	10	UJ	6.5	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	4.6	UJ	3.5	J	5.2	UJ	4.8	J
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.5	J	2.7	UJ	5.2	UJ	3.3	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	460	UJ	270	UJ	520	UJ	330	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	89	UJ	53	UJ	100	UJ	65	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	180	UJ	110	UJ	200	UJ	130	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	89	UJ	53	UJ	100	UJ	65	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	89	UJ	53	UJ	100	UJ	65	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	89	UJ	53	UJ	100	UJ	65	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	89	UJ	53	UJ	100	UJ	65	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	89	UJ	53	UJ	100	UJ	65	U

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-11-0-6 WTSD-11 5/18/2001 Background		WTSD-11-18-24 WTSD-11 5/18/2001 Background		WTSD-12-0-6 WTSD-12 5/21/2001 Background		WTSD-12-18-24 WTSD-12 5/21/2001 Background	
5-Inorg-s	**Inorganic Analytes - ILM04.1**										
7429-90-5	Aluminum	ILM04-1-M	mg/kg	13400	J	17000		9670	*J	12900	
7440-36-0	Antimony	ILM04-1-M	mg/kg	25.6	BJ	32.4		22.2	BNJ	30.8	NJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	10.8	J	15.8		8.1	J	10	
7440-39-3	Barium	ILM04-1-M	mg/kg	181	J	174		101	BJ	120	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.82	BJ	1.1	B	0.83	BJ	1.1	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.63	BJ	0.34	B	0.59	UJ	0.4	B
7440-70-2	Calcium	ILM04-1-M	mg/kg	15700	J	7950		31000	J	12100	
7440-47-3	Chromium	ILM04-1-M	mg/kg	41.6	J	58.8		16.6	J	19.9	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	12.3	BJ	15.7	B	7.5	BJ	9.9	B
7440-50-8	Copper	ILM04-1-M	mg/kg	27.2	J	36.2		23	J	26.4	
7439-89-6	Iron	ILM04-1-M	mg/kg	26700	*J	33700	*	20000	J	26700	
7439-92-1	Lead	ILM04-1-M	mg/kg	34.4	J	17.1		39.5	NJ	24.2	NJ
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3550	J	4360		4890	J	3490	
7439-96-5	Manganese	ILM04-1-M	mg/kg	781	J	898		720	J	576	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.3	J	0.25		0.2	BNJ	0.17	BNJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	29	R	36.4	R	19.5	BJ	25.2	
7440-09-7	Potassium	ILM04-1-M	mg/kg	1430	BJ	1400	B	1050	BJ	766	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	4.2	J	2	J	1.2	BJ	3	J
7440-22-4	Silver	ILM04-1-M	mg/kg	0.53	UJ	0.32	U	0.59	UJ	0.39	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	791	BEJ	539	BEJ	814	BJ	590	BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	2.7	BJ	4.2		3.3	BJ	2.5	B
7440-62-2	Vanadium	ILM04-1-M	mg/kg	24.9	BJ	31.6		18.3	BJ	29.2	
7440-66-6	Zinc	ILM04-1-M	mg/kg	120	J	107		121	J	111	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	1.3	J	0.48	B	0.58	BJ	0.42	B

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-11-0-6 WTSD-11 5/18/2001 Background		WTSD-11-18-24 WTSD-11 5/18/2001 Background		WTSD-12-0-6 WTSD-12 5/21/2001 Background		WTSD-12-18-24 WTSD-12 5/21/2001 Background	
6WetChem-s	**Wet Chemistry**										
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	100	UJ	60	UJ	120	UJ	80	UJ
pH	pH	SW9045C	S.U.	7.5	J	7.5		7.4	J	7.3	J
TOC	Total Organic Carbon	LLOYD KAHN	mg/kg	115200	J	41300	J	95900	J	99100	J
Grain Size	**Grain Size Analysis**										
Grain-4	No. 4 Sieve	ASTM-D421	%								
Grain-10	No. 10 Sieve	ASTM-D421	%								
Grain-20	No. 20 Sieve	ASTM-D421	%								
Grain-40	No. 40 Sieve	ASTM-D421	%	75.17		54.99		70.53		49.81	
Grain-60	No. 60 Sieve	ASTM-D421	%	5.87		9.74		5.98		10.5	
Grain-120	No. 120 Sieve	ASTM-D421	%	4.98		9.66		5.86		12.26	
Grain-140	No. 140 Sieve	ASTM-D421	%								
Grain-200	No. 200 Sieve	ASTM-D421	%	3.79		5.5		3.88		7.45	
Grain-270	No. 270 Sieve	ASTM-D421	%	2.03		3.5		2.53		4.24	
Grain-325	No. 325 Sieve	ASTM-D421	%	1.24		5.7		1.64		2.56	
Grain-400	No. 400 Sieve	ASTM-D421	%	1.01		3.28		1.4		1.72	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-01-0-6 WTSD-1 5/16/2001 0 to 6 ft		WTSD-01-18-24 WTSD-1 5/17/2001 18 to 24 ft		WTSD-02-0-6 WTSD-2 5/16/2001 0 to 6 ft		WTSD-02-18-24 WTSD-2 5/17/2001 18 to 24 ft		WTSD-03-0-6 WTSD-3 5/16/2001 0 to 6 ft		WTSD-03-18-24 WTSD-3 5/17/2001 18 to 24 ft	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	400	J	84	U	660	UJ	130		61	UJ	30	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	13	J	4	J	160	UJ	9	J	61	UJ	18	UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	36	J	4	J	21	J	13	J	61	UJ	18	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	70	UJ	18	UJ	160	UJ	28	UJ	61	UJ	18	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	72	J	18	J	84	J	49	J	61	UJ	18	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
71-43-2	Benzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	70	UJ	18	U	52	J	28	U	61	UJ	18	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-01-0-6		WTSD-01-18-24		WTSD-02-0-6		WTSD-02-18-24		WTSD-03-0-6		WTSD-03-18-24	
			Location	WTSD-1		WTSD-1		WTSD-2		WTSD-2		WTSD-3		WTSD-3	
			Sample Date	5/16/2001		5/17/2001		5/16/2001		5/17/2001		5/16/2001		5/17/2001	
			Unit \\ Depth	0 to 6 ft		18 to 24 ft		0 to 6 ft		18 to 24 ft		0 to 6 ft		18 to 24 ft	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
100-42-5	Styrene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	70	UJ	18	U	160	UJ	28	U	61	UJ	18	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-01-0-6		WTSD-01-18-24		WTSD-02-0-6		WTSD-02-18-24		WTSD-03-0-6		WTSD-03-18-24	
			Location	WTSD-1		WTSD-1		WTSD-2		WTSD-2		WTSD-3		WTSD-3	
			Sample Date	5/16/2001		5/17/2001		5/16/2001		5/17/2001		5/16/2001		5/17/2001	
			Unit \\ Depth	0 to 6 ft		18 to 24 ft		0 to 6 ft		18 to 24 ft		0 to 6 ft		18 to 24 ft	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
108-95-2	Phenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	1500	UJ	520	UJ	2100	UJ	650	UJ	1400	UJ	530	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	1500	UJ	520	UJ	2100	UJ	650	UJ	1400	UJ	530	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	1500	UJ	520	UJ	2100	UJ	650	UJ	1400	UJ	530	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	3800	UJ	1300	U	5200	UJ	1600	U	3500	UJ	1300	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	3800	UJ	1300	U	5200	UJ	1600	U	3500	UJ	1300	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	3800	UJ	1300	U	5200	UJ	1600	U	3500	UJ	1300	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-01-0-6 WTSD-1 5/16/2001 0 to 6 ft		WTSD-01-18-24 WTSD-1 5/17/2001 18 to 24 ft		WTSD-02-0-6 WTSD-2 5/16/2001 0 to 6 ft		WTSD-02-18-24 WTSD-2 5/17/2001 18 to 24 ft		WTSD-03-0-6 WTSD-3 5/16/2001 0 to 6 ft		WTSD-03-18-24 WTSD-3 5/17/2001 18 to 24 ft	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	3800	UJ	1300	UJ	5200	UJ	1600	UJ	3500	UJ	1300	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	3800	UJ	1300	U	5200	UJ	1600	U	3500	UJ	1300	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
86-73-7	Fluorene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	3800	UJ	1300	U	5200	UJ	1600	U	3500	UJ	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	3800	UJ	1300	U	5200	UJ	1600	U	3500	UJ	1300	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	1500	R	520	R	2100	R	650	R	1400	R	530	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	3800	UJ	1300	U	5200	UJ	1600	U	3500	UJ	1300	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	280	J	520	U	2100	UJ	650	U	1400	UJ	530	U
120-12-7	Anthracene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
86-74-8	Carbazole	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	240	J	110	J	2100	UJ	71	J	330	J	530	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	570	J	520	U	2100	UJ	650	U	1400	UJ	530	U
129-00-0	Pyrene	OLM04-2-SV	ug/kg	440	J	520	U	2100	UJ	650	U	1400	UJ	530	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	210	J	520	U	2100	UJ	650	U	1400	UJ	530	U
218-01-9	Chrysene	OLM04-2-SV	ug/kg	240	J	520	U	2100	UJ	650	U	1400	UJ	530	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	180	J	100	J	2100	UJ	120	J	330	J	84	J
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	430	J	520	U	2100	UJ	650	U	1400	UJ	530	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	260	J	520	U	2100	UJ	650	U	1400	UJ	530	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	180	J	520	U	2100	UJ	650	U	1400	UJ	530	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	1500	UJ	520	U	2100	UJ	650	U	1400	UJ	530	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	190	J	520	U	2100	UJ	650	U	1400	UJ	530	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-01-0-6		WTSD-01-18-24		WTSD-02-0-6		WTSD-02-18-24		WTSD-03-0-6		WTSD-03-18-24	
			Location	WTSD-1		WTSD-1		WTSD-2		WTSD-2		WTSD-3		WTSD-3	
			Sample Date	5/16/2001		5/17/2001		5/16/2001		5/17/2001		5/16/2001		5/17/2001	
		Unit \\ Depth		0 to 6 ft		18 to 24 ft		0 to 6 ft		18 to 24 ft		0 to 6 ft		18 to 24 ft	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	5.2	J	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
309-00-2	Aldrin	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
72-20-8	Endrin	OLM04-2-PP	ug/kg	8.8	J	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	2.4	J
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	77	UJ	26	U	110	UJ	33	U	71	UJ	27	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	15	UJ	5.2	U	21	UJ	6.5	U	14	UJ	5.3	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	7.7	UJ	2.7	U	11	UJ	3.3	U	7.1	UJ	2.7	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	3.7	J	2.7	U	11	UJ	3.3	U	2.9	J	2.7	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	770	UJ	270	U	1100	UJ	330	U	710	UJ	270	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	150	UJ	52	U	210	UJ	65	U	140	UJ	53	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	300	UJ	100	U	420	UJ	130	U	280	UJ	110	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	150	UJ	52	U	210	UJ	65	U	140	UJ	53	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	150	UJ	52	U	210	UJ	65	U	140	UJ	53	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	150	UJ	52	U	210	UJ	65	U	140	UJ	53	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	150	UJ	52	U	210	UJ	130	J	140	UJ	53	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	150	UJ	52	U	210	UJ	65	U	140	UJ	53	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-01-0-6 WTSD-1 5/16/2001 0 to 6 ft		WTSD-01-18-24 WTSD-1 5/17/2001 18 to 24 ft		WTSD-02-0-6 WTSD-2 5/16/2001 0 to 6 ft		WTSD-02-18-24 WTSD-2 5/17/2001 18 to 24 ft		WTSD-03-0-6 WTSD-3 5/16/2001 0 to 6 ft		WTSD-03-18-24 WTSD-3 5/17/2001 18 to 24 ft	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	8350	J	13600		7720	J	13900	J	8640	J	16300	
7440-36-0	Antimony	ILM04-1-M	mg/kg	13.3	BJ	23.6		5.8	UJ	19.9	BJ	7.6	UJ	30	
7440-38-2	Arsenic	ILM04-1-M	mg/kg	10.3	J	6.4		17.3	J	3.8	BJ	7.3	BJ	3.8	
7440-39-3	Barium	ILM04-1-M	mg/kg	151	BJ	144		145	BJ	143	J	144	BJ	184	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.96	UJ	0.71	B	0.97	UJ	0.62	BJ	1.3	UJ	0.82	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	3.2	BJ	0.36	U	0.97	UJ	0.45	UJ	1.3	UJ	0.33	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	13500	J	7270		16700	J	12100	J	48500	J	10400	
7440-47-3	Chromium	ILM04-1-M	mg/kg	26.8	J	37.3		7840	J	2170	J	5060	J	259	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	8	BJ	9.1	B	2.4	BJ	7	BJ	3.4	BJ	7.7	B
7440-50-8	Copper	ILM04-1-M	mg/kg	42	J	12.5		17.7	BJ	23.2	J	21.9	BJ	11.9	
7439-89-6	Iron	ILM04-1-M	mg/kg	29100	J	27500		18800	J	16100	J	17600	J	23400	
7439-92-1	Lead	ILM04-1-M	mg/kg	316	J	16.8		65.5	J	41	J	91.5	J	16.1	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	2540	BJ	3210		2130	BJ	2910	J	2570	BJ	3410	
7439-96-5	Manganese	ILM04-1-M	mg/kg	809	J	253		187	J	82.7	J	136	J	161	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.52	J	0.2	J	0.49	J	0.35	J	0.52	BJ	0.2	J
7440-02-0	Nickel	ILM04-1-M	mg/kg	25.5	BJ	26.1		16.5	BJ	25.4	J	20.4	BJ	22.1	
7440-09-7	Potassium	ILM04-1-M	mg/kg	1440	BJ	1280	B	1310	BJ	1420	BJ	1470	BJ	799	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	2.9	UJ	1.1	U	2.9	UJ	1.8	BJ	3.8	UJ	1	U
7440-22-4	Silver	ILM04-1-M	mg/kg	2.9	UJ	1.1	U	2.9	UJ	1.4	UJ	3.8	UJ	1	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	1300	BJ	495	BJ	1480	BJ	661	BJ	1760	BJ	422	BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	4.8	UJ	2.1	B	4.8	UJ	2.3	UJ	6.4	UJ	2.4	B
7440-62-2	Vanadium	ILM04-1-M	mg/kg	18.5	BJ	22.2		18.5	BJ	20.6	BJ	16	BJ	26.1	
7440-66-6	Zinc	ILM04-1-M	mg/kg	1190	J	79.6		230	J	95.3	J	144	J	74.1	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.55	BNJ	0.34	BNJ	1.2	BNJ	0.35	BNJ	0.89	BNJ	0.34	BNJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-01-0-6 / WTSD-1 / 5/16/2001 / 0 to 6 ft		WTSD-01-18-24 / WTSD-1 / 5/17/2001 / 18 to 24 ft		WTSD-02-0-6 / WTSD-2 / 5/16/2001 / 0 to 6 ft		WTSD-02-18-24 / WTSD-2 / 5/17/2001 / 18 to 24 ft		WTSD-03-0-6 / WTSD-3 / 5/16/2001 / 0 to 6 ft		WTSD-03-18-24 / WTSD-3 / 5/17/2001 / 18 to 24 ft	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	190	U	34	UJ	360	U	37	UJ	190	U	32	UJ
pH	pH	SW9045C	S.U.	7.1		6.3		7		7.1		7.2		7.1	
TOC	Total Organic Carbon	LLOYD KAHN	mg/kg	128000	J	60600	J	159000	J	210000	J	148000	J	29800	J
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%	58.18		48.04		49.24		51.35		29.2		68.84	
Grain-60	No. 60 Sieve	ASTM-D421	%	9.25		11.64		10.97		10.52		9.6		7.72	
Grain-120	No. 120 Sieve	ASTM-D421	%	8.66		13.25		12.11		10.52		13.17		7.59	
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%	5.81		6.3		8.39		5.84		11.08		4.16	
Grain-270	No. 270 Sieve	ASTM-D421	%	3.32		3.94		4.8		3.51		7.52		2.82	
Grain-325	No. 325 Sieve	ASTM-D421	%	2.03		5.71		2.51		3.8		4.22		3.22	
Grain-400	No. 400 Sieve	ASTM-D421	%	1.44		2.08		1.94		1.98		3.74		1.42	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-04-0-6 WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-0-6-DU WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-18-24 WTSD-4 5/17/2001 18 to 24 inch		WTSD-05-0-6 WTSD-5 5/16/2001 0 to 6 inch		WTSD-05-18-24 WTSD-5 5/17/2001 18 to 24 inch		WTSD-06-0-6 WTSD-6 5/18/2001 0 to 6 inch	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	110	UJ	13	J	62	UJ	98	UJ	59	UJ	38	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	310	UJ	3600	J	320	DJ	380	UJ	100	UJ	260	J
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	150	J	120	UJ	19	J	15	J	59	UJ	38	UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	110	UJ	120	UJ	13	J	98	UJ	59	UJ	38	J
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	23	J	440	J	730	J	59	J	58	J	42	UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	18	J	59	UJ	8	J
108-88-3	Toluene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	5	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-04-0-6 WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-0-6-DUI WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-18-24 WTSD-4 5/17/2001 18 to 24 inch		WTSD-05-0-6 WTSD-5 5/16/2001 0 to 6 inch		WTSD-05-18-24 WTSD-5 5/17/2001 18 to 24 inch		WTSD-06-0-6 WTSD-6 5/18/2001 0 to 6 inch	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	110	UJ	120	UJ	62	UJ	98	UJ	59	UJ	38	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-04-0-6 WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-0-6-DU WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-18-24 WTSD-4 5/17/2001 18 to 24 inch		WTSD-05-0-6 WTSD-5 5/16/2001 0 to 6 inch		WTSD-05-18-24 WTSD-5 5/17/2001 18 to 24 inch		WTSD-06-0-6 WTSD-6 5/18/2001 0 to 6 inch	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	150	J	93	J	270	J	1400	UJ	150	J	790	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	140	J	1400	UJ	1300	UJ	790	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	250	J
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-04-0-6		WTSD-04-0-6-DU		WTSD-04-18-24		WTSD-05-0-6		WTSD-05-18-24		WTSD-06-0-6	
			Location	WTSD-4		WTSD-4		WTSD-4		WTSD-5		WTSD-5		WTSD-6	
			Sample Date	11/5/2001		11/5/2001		5/17/2001		5/16/2001		5/17/2001		5/18/2001	
		Unit \\ Depth		0 to 6 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	72	J	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	R	1400	R	1300	R	790	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	5500	UJ	5500	UJ	3200	UJ	3500	UJ	3200	UJ	2000	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	160	J	1400	UJ	1300	UJ	790	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	2200	UJ	2200	UJ	1300	UJ	1400	UJ	1300	UJ	790	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-04-0-6 WTSD-4 11/5/2001 0 to 6 inch	WTSD-04-0-6-DU WTSD-4 11/5/2001 0 to 6 inch	WTSD-04-18-24 WTSD-4 5/17/2001 18 to 24 inch	WTSD-05-0-6 WTSD-5 5/16/2001 0 to 6 inch	WTSD-05-18-24 WTSD-5 5/17/2001 18 to 24 inch	WTSD-06-0-6 WTSD-6 5/18/2001 0 to 6 inch
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	7.1 UJ	6.5 UJ	4 UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	4 J	6.5 UJ	4 UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	7.1 UJ	6.5 UJ	4 UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	7.1 UJ	6.5 UJ	4 UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	7.1 UJ	6.5 UJ	4 UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	7.1 UJ	6.5 UJ	4 UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	7.1 UJ	6.5 UJ	4 UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	11 UJ	11 UJ	6.5 UJ	7.1 UJ	6.5 UJ	0.88 J
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	22 UJ	22 UJ	13 UJ	14 UJ	13 UJ	7.8 UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	22 UJ	22 UJ	10 J	14 UJ	6.8 J	2.3 J
72-20-8	Endrin	OLM04-2-PP	ug/kg	22 UJ	22 UJ	13 UJ	14 UJ	13 UJ	7.8 UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	22 UJ	22 UJ	13 UJ	14 UJ	13 UJ	7.8 UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	22 UJ	22 UJ	15 J	14 UJ	13 UJ	7.8 UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	22 UJ	22 UJ	13 UJ	14 UJ	13 UJ	7.8 UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	22 UJ	22 UJ	13 UJ	14 UJ	13 UJ	7.8 UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	110 UJ	110 UJ	65 UJ	71 UJ	65 UJ	40 UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	22 UJ	22 UJ	13 UJ	14 UJ	6.9 J	7.8 UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	22 UJ	22 UJ	13 UJ	14 UJ	13 UJ	7.8 UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	25 J	17 J	22 J	18 J	6.6 J	4 UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	16 J	12 J	22 J	15 J	6.5 UJ	4 UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	1100 UJ	1100 UJ	650 UJ	710 UJ	650 UJ	400 UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	220 UJ	220 UJ	130 UJ	140 UJ	130 UJ	78 UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	450 UJ	450 UJ	260 UJ	280 UJ	260 UJ	160 UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	220 UJ	220 UJ	130 UJ	140 UJ	130 UJ	78 UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	220 UJ	220 UJ	130 UJ	140 UJ	130 UJ	78 UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	220 UJ	220 UJ	130 UJ	140 UJ	130 UJ	78 UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	220 UJ	220 UJ	130 UJ	140 UJ	130 UJ	78 UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	220 UJ	220 UJ	130 UJ	140 UJ	130 UJ	78 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-04-0-6 WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-0-6-DU WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-18-24 WTSD-4 5/17/2001 18 to 24 inch		WTSD-05-0-6 WTSD-5 5/16/2001 0 to 6 inch		WTSD-05-18-24 WTSD-5 5/17/2001 18 to 24 inch		WTSD-06-0-6 WTSD-6 5/18/2001 0 to 6 inch	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	847	J	943	J	11000	J	4770	J	9360	J	12200	J
7440-36-0	Antimony	ILM04-1-M	mg/kg	47.2	BJ	54.2	BJ	1.4	UJ	6.3	UJ	4.1	UJ	33.3	J
7440-38-2	Arsenic	ILM04-1-M	mg/kg	16.3	J	16.5	J	12.3	J	16.5	J	5.1	BJ	106	J
7440-39-3	Barium	ILM04-1-M	mg/kg	410	J	400	J	152	J	158	BJ	105	BJ	95	J
7440-41-7	Beryllium	ILM04-1-M	mg/kg	8.7	J	9.7	J	0.71	UJ	1.1	UJ	0.68	UJ	2.5	J
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.54	UJ	0.61	UJ	0.77	BJ	2.3	BJ	4.2	J	4.4	J
7440-70-2	Calcium	ILM04-1-M	mg/kg	132000	J	160000	J	111000	J	173000	J	91800	J	26100	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	6690	J	7460	J	62200	J	79300	J	23500	J	41.2	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	4.2	BJ	3.6	BJ	0.71	UJ	2.1	UJ	1.4	UJ	23.5	J
7440-50-8	Copper	ILM04-1-M	mg/kg	24.6	BJ	26.9	BJ	81.6	J	75.8	J	42.3	J	635	J
7439-89-6	Iron	ILM04-1-M	mg/kg	91300	J	88500	J	16100	*J	4840	J	11200	J	26200	*J
7439-92-1	Lead	ILM04-1-M	mg/kg	38.6	J	47.2	J	218	J	307	J	146	J	77.3	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	919	BJ	1010	BJ	2570	BJ	1820	BJ	2630	BJ	13600	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	5880	J	5860	J	373	J	251	J	128	J	217	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.34	UJ	0.38	UJ	0.73	J	0.66	J	0.82	J	0.26	J
7440-02-0	Nickel	ILM04-1-M	mg/kg	9.5	BJ	10.6	BJ	17	BJ	9	BJ	18.6	BJ	30.8	R
7440-09-7	Potassium	ILM04-1-M	mg/kg	581	BJ	630	BJ	1040	BJ	347	BJ	1040	BJ	1160	BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	3	UJ	3.3	UJ	1.4	UJ	3.2	UJ	2	UJ	6.1	J
7440-22-4	Silver	ILM04-1-M	mg/kg	1.2	UJ	1.6	BJ	0.9	BJ	3.2	UJ	2	UJ	2.7	BJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	840	BJ	1010	BJ	1500	BEJ	2100	BJ	1070	BJ	693	BEJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	4.7	UJ	5.3	UJ	14.4	J	17.4	J	5.4	BJ	8.2	J
7440-62-2	Vanadium	ILM04-1-M	mg/kg	1.5	UJ	1.7	UJ	42.1	J	51.7	BJ	27	BJ	26.2	J
7440-66-6	Zinc	ILM04-1-M	mg/kg	536	J	527	J	219	J	150	J	132	J	115	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.64	UJ	0.72	UJ	0.21	BJ	0.75	BNJ	1.3	BNJ	0.37	BJ

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-04-0-6 WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-0-6-DU WTSD-4 11/5/2001 0 to 6 inch		WTSD-04-18-24 WTSD-4 5/17/2001 18 to 24 inch		WTSD-05-0-6 WTSD-5 5/16/2001 0 to 6 inch		WTSD-05-18-24 WTSD-5 5/17/2001 18 to 24 inch		WTSD-06-0-6 WTSD-6 5/18/2001 0 to 6 inch	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	500	U	5	UJ	150	UJ	200	U	70	UJ	500	UJ
pH	pH	SW9045C	S.U.	7.1		7.6		7	J	7.2		7.6		7.3	J
TOC	Total Organic Carbon	LLOYD KAHN	mg/kg	175000	J	278000		129000	J	88000	J	50300	J	81700	J
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%	18.12		29.56		42.45		27.87		38.78		46.28	
Grain-60	No. 60 Sieve	ASTM-D421	%	14.12		10.3		11.5		10.43		10.79		10.23	
Grain-120	No. 120 Sieve	ASTM-D421	%	23.64		18.49		13.47		16.42		12.98		11.16	
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%	17.81		13.99		8.76		13.21		8.91		8.46	
Grain-270	No. 270 Sieve	ASTM-D421	%	8.5		8.2		9.46		7.89		5.45		5.03	
Grain-325	No. 325 Sieve	ASTM-D421	%	3.17		3.54		4.11		4.16		3.36		3.27	
Grain-400	No. 400 Sieve	ASTM-D421	%	1.64		2.09		0.76		3.42		4.17		2.22	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-06-18-24 / WTSD-6 / 5/18/2001 / 18 to 24 inch		WTSD-07-0-6 / WTSD-7 / 5/17/2001 / 0 to 6 inch		WTSD-07-18-24 / WTSD-7 / 5/17/2001 / 18 to 24 inch		WTSD-08-0-6 / WTSD-8 / 5/16/2001 / 0 to 6 inch		WTSD-08-18-24 / WTSD-8 / 5/17/2001 / 18 to 24 inch		WTSD-09-0-6 / WTSD-9 / 5/18/2001 / 0 to 6 inch	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	17	U	20	J	7	J	45	UJ	35	UJ	53	UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	31	UJ	65	UJ	58	UJ	45	UJ	120	UJ	260	J
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	6	J	35	UJ	53	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	17	U	65	UJ	21	J	45	UJ	35	UJ	67	UJ
67-66-3	Chloroform	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	17	U	7	J	22	U	45	UJ	35	UJ	53	UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	6	J	10	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	17	UJ	65	UJ	22	UJ	45	UJ	35	UJ	53	UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-06-18-24 / WTSD-6 / 5/18/2001 / 18 to 24 inch		WTSD-07-0-6 / WTSD-7 / 5/17/2001 / 0 to 6 inch		WTSD-07-18-24 / WTSD-7 / 5/17/2001 / 18 to 24 inch		WTSD-08-0-6 / WTSD-8 / 5/16/2001 / 0 to 6 inch		WTSD-08-18-24 / WTSD-8 / 5/17/2001 / 18 to 24 inch		WTSD-09-0-6 / WTSD-9 / 5/18/2001 / 0 to 6 inch	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	17	U	65	UJ	22	U	45	UJ	35	UJ	53	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-06-18-24 WTSD-6 5/18/2001 18 to 24 inch		WTSD-07-0-6 WTSD-7 5/17/2001 0 to 6 inch		WTSD-07-18-24 WTSD-7 5/17/2001 18 to 24 inch		WTSD-08-0-6 WTSD-8 5/16/2001 0 to 6 inch		WTSD-08-18-24 WTSD-8 5/17/2001 18 to 24 inch		WTSD-09-0-6 WTSD-9 5/18/2001 0 to 6 inch	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	UJ	970	UJ	800	UJ	1200	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	120	J
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	UJ	970	UJ	800	UJ	1200	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	UJ	970	UJ	800	UJ	1200	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	U	2400	UJ	2000	UJ	3000	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	U	2400	UJ	2000	UJ	3000	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	U	2400	UJ	800	UJ	3000	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-06-18-24 / WTSD-6 / 5/18/2001 / 18 to 24 inch		WTSD-07-0-6 / WTSD-7 / 5/17/2001 / 0 to 6 inch		WTSD-07-18-24 / WTSD-7 / 5/17/2001 / 18 to 24 inch		WTSD-08-0-6 / WTSD-8 / 5/16/2001 / 0 to 6 inch		WTSD-08-18-24 / WTSD-8 / 5/17/2001 / 18 to 24 inch		WTSD-09-0-6 / WTSD-9 / 5/18/2001 / 0 to 6 inch	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	UJ	2400	UJ	800	UJ	3000	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	U	2400	UJ	2000	UJ	3000	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	U	2400	UJ	2000	UJ	3000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	U	2400	UJ	800	UJ	3000	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	540	R	1400	R	550	R	970	R	800	R	1200	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1400	UJ	3500	UJ	1400	U	2400	UJ	2000	UJ	3000	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	160	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	170	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	65	J	970	UJ	800	UJ	1200	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	540	UJ	1400	UJ	550	U	970	UJ	800	UJ	1200	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-06-18-24		WTSD-07-0-6		WTSD-07-18-24		WTSD-08-0-6		WTSD-08-18-24		WTSD-09-0-6	
			Location	WTSD-6		WTSD-7		WTSD-7		WTSD-8		WTSD-8		WTSD-9	
			Sample Date	5/18/2001		5/17/2001		5/17/2001		5/16/2001		5/17/2001		5/18/2001	
			Unit \\ Depth	18 to 24 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	0.81	J	4.1	UJ	6.1	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	5	UJ	4.7	J	6.1	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	5	UJ	4.1	UJ	6.1	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	5	UJ	4.1	UJ	6.1	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	5	UJ	4.1	UJ	6.1	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	5	UJ	4.1	UJ	6.1	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	5	UJ	4.1	UJ	6.1	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.8	UJ	7.1	UJ	2.8	U	5	UJ	4.1	UJ	6.1	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	8	UJ	12	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	8	UJ	16	J
72-20-8	Endrin	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	8	UJ	12	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	8	UJ	12	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	8	UJ	12	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	0.72	J	12	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	8	UJ	73	J
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	28	UJ	71	UJ	28	U	50	UJ	41	UJ	61	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	0.89	J	8	UJ	12	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	5.4	UJ	14	UJ	5.5	U	9.7	UJ	8	UJ	12	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.8	UJ	22	J	2	J	5	UJ	4.1	UJ	10	J
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.8	UJ	18	J	1.9	J	5	UJ	4.1	UJ	5.3	J
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	280	UJ	710	UJ	280	U	500	UJ	410	UJ	610	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	54	UJ	140	UJ	55	U	97	UJ	80	UJ	120	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	110	UJ	280	UJ	110	U	200	UJ	160	UJ	240	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	54	UJ	140	UJ	55	U	97	UJ	80	UJ	120	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	54	UJ	140	UJ	55	U	97	UJ	80	UJ	120	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	54	UJ	140	UJ	55	U	97	UJ	80	UJ	120	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	54	UJ	140	UJ	55	U	97	UJ	80	UJ	120	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	54	UJ	140	UJ	55	U	97	UJ	80	UJ	120	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-06-18-24 / WTSD-6 / 5/18/2001 / 18 to 24 inch		WTSD-07-0-6 / WTSD-7 / 5/17/2001 / 0 to 6 inch		WTSD-07-18-24 / WTSD-7 / 5/17/2001 / 18 to 24 inch		WTSD-08-0-6 / WTSD-8 / 5/16/2001 / 0 to 6 inch		WTSD-08-18-24 / WTSD-8 / 5/17/2001 / 18 to 24 inch		WTSD-09-0-6 / WTSD-9 / 5/18/2001 / 0 to 6 inch	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	14300		4560	J	20400	J	6670	J	11600	J	12900	J
7440-36-0	Antimony	ILM04-1-M	mg/kg	19.6	B	5.7	UJ	20	BJ	3.6	UJ	21.6	BJ	1.3	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	6.7		10	J	7.1	J	6.5	J	5.2	J	7.9	J
7440-39-3	Barium	ILM04-1-M	mg/kg	103		212	J	157	J	89	BJ	108	J	277	J
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.78	B	0.95	UJ	0.74	BJ	0.6	UJ	0.56	BJ	0.64	UJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.33	U	1.6	BJ	0.94	BJ	3.4	J	1.4	BJ	6.2	J
7440-70-2	Calcium	ILM04-1-M	mg/kg	4760		132000	J	28100	J	51000	J	42400	J	95100	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	24.9		56000	J	5270	J	9170	J	1890	J	18900	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	11.1	B	1.9	UJ	11.9	BJ	1.2	UJ	4.5	BJ	0.64	UJ
7440-50-8	Copper	ILM04-1-M	mg/kg	18.3		47.6	J	22.8	J	26.8	J	30.9	J	51	J
7439-89-6	Iron	ILM04-1-M	mg/kg	28500	*	5850	J	37800	J	9530	J	17900	J	20200	*J
7439-92-1	Lead	ILM04-1-M	mg/kg	27.9		208	J	46.9	J	114	J	40.5	J	252	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3530		1660	BJ	4770	J	2400	BJ	3310	J	3970	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	255		169	J	285	J	208	J	189	J	398	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.19		0.77	J	0.27	J	0.41	J	0.38	J	0.46	J
7440-02-0	Nickel	ILM04-1-M	mg/kg	32.2	R	8.3	BJ	37.3	J	11.4	BJ	16.8	BJ	20.6	BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	1140	B	366	BJ	1900	BJ	962	BJ	1130	BJ	1280	BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.2	B	2.8	UJ	1.2	UJ	1.8	UJ	1.5	UJ	3.4	J
7440-22-4	Silver	ILM04-1-M	mg/kg	0.33	U	2.8	UJ	1.2	UJ	1.8	UJ	1.5	UJ	0.64	UJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	562	BEJ	1490	BJ	798	BJ	1030	BJ	743	BJ	1150	BEJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	3.1	B	15.2	J	5.3	J	3	UJ	2.5	UJ	7.2	J
7440-62-2	Vanadium	ILM04-1-M	mg/kg	22.3		27.8	BJ	33.8	J	22.7	BJ	22.8	BJ	50.3	J
7440-66-6	Zinc	ILM04-1-M	mg/kg	86.2		142	J	120	J	101	J	87.1	J	349	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.63	B	1.6	BNJ	0.29	BJ	0.83	BNJ	0.58	BNJ	1.7	J

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-06-18-24		WTSD-07-0-6		WTSD-07-18-24		WTSD-08-0-6		WTSD-08-18-24		WTSD-09-0-6	
			Location	WTSD-6		WTSD-7		WTSD-7		WTSD-8		WTSD-8		WTSD-9	
			Sample Date	5/18/2001		5/17/2001		5/17/2001		5/16/2001		5/17/2001		5/18/2001	
		Unit \\ Depth		18 to 24 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	70	UJ	190	UJ	60	UJ	120	U	100	UJ	170	UJ
pH	pH	SW9045C	S.U.	7.3		7.4	J	7.5		7.2		7.7	J	7.5	J
TOC	Total Organic Carbon	LLOYD KAHN	mg/kg	24700	J	71200	J	44900	J	71200	J	88600	J	80400	J
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%	46.45		27.75		33.3		36.89		65.38		40.12	
Grain-60	No. 60 Sieve	ASTM-D421	%	10		10.55		6.95		12.7		8.2		13.39	
Grain-120	No. 120 Sieve	ASTM-D421	%	10.48		15.44		27.3		16.71		7.58		15.26	
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%	6.83		11.88		12.46		11.09		5.68		10.27	
Grain-270	No. 270 Sieve	ASTM-D421	%	4.32		7.27		4.4		5.98		3.04		5.3	
Grain-325	No. 325 Sieve	ASTM-D421	%	4.47		4.4		4.8		3.1		1.6		2.86	
Grain-400	No. 400 Sieve	ASTM-D421	%	4.4		3.32		1.95		2.59		1.18		1.67	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-09-18-24		WTSD-10-0-6		WTSD-10-18-24		WTSD-10-18-24-DU		WTSD-13-0-6		WTSD-13-18-24	
			Location	WTSD-9		WTSD-10		WTSD-10		WTSD-10		WTSD-13		WTSD-13	
			Sample Date	5/18/2001		5/18/2001		5/18/2001		5/18/2001		11/7/2001		11/7/2001	
		Unit \ Depth		18 to 24 inch		0 to 6 inch		18 to 24 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	5	J	3	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
67-64-1	Acetone	OLM04-2-V	ug/kg	110		870	J	1100	J	1000	J	51	UJ	16	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	15	U	7	J	40	J	35	J	51	UJ	16	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	43		7	J	9	J	5	J	51	UJ	16	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	15	U	77	UJ	290	J	280	J	51	UJ	16	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
71-43-2	Benzene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	10	J	3	J
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	15	U	25	J	36	UJ	34	UJ	51	UJ	16	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	15	U	10	J	7	J	4	J	16	J	5	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-09-18-24		WTSD-10-0-6		WTSD-10-18-24		WTSD-10-18-24-DU		WTSD-13-0-6		WTSD-13-18-24	
			Location	WTSD-9		WTSD-10		WTSD-10		WTSD-10		WTSD-13		WTSD-13	
			Sample Date	5/18/2001		5/18/2001		5/18/2001		5/18/2001		11/7/2001		11/7/2001	
			Unit \\ Depth	18 to 24 inch		0 to 6 inch		18 to 24 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	40	J	8	J
100-42-5	Styrene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	57	UJ	5	J	4	J	51	UJ	16	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	15	U	57	UJ	6	J	6	J	51	UJ	16	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	15	U	57	UJ	36	UJ	34	UJ	51	UJ	16	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-09-18-24		WTSD-10-0-6		WTSD-10-18-24		WTSD-10-18-24-DU		WTSD-13-0-6		WTSD-13-18-24	
			Location	WTSD-9		WTSD-10		WTSD-10		WTSD-10		WTSD-13		WTSD-13	
			Sample Date	5/18/2001		5/18/2001		5/18/2001		5/18/2001		11/7/2001		11/7/2001	
		Unit \\ Depth		18 to 24 inch		0 to 6 inch		18 to 24 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	84	J	95	J	89	J	14	J
108-95-2	Phenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	520	J	680	J	1000	UJ	490	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-09-18-24 WTSD-9 5/18/2001 18 to 24 inch		WTSD-10-0-6 WTSD-10 5/18/2001 0 to 6 inch		WTSD-10-18-24 WTSD-10 5/18/2001 18 to 24 inch		WTSD-10-18-24-DU WTSD-10 5/18/2001 18 to 24 inch		WTSD-13-0-6 WTSD-13 11/7/2001 0 to 6 inch		WTSD-13-18-24 WTSD-13 11/7/2001 18 to 24 inch	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	16	J
86-73-7	Fluorene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	490	R	1100	R	830	UJ	830	R	1000	UJ	490	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1200	UJ	2700	UJ	2100	UJ	2100	UJ	2500	UJ	1200	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	490	UJ	130	J	150	J	190	J	85	J	490	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	490	UJ	230	J	270	J	350	J	170	J	490	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	490	UJ	210	J	260	J	360	J	120	J	490	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	110	J	160	J	45	J	490	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	490	UJ	110	J	160	J	200	J	80	J	490	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	35	J
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	140	J	190	J	90	J	490	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	490	UJ	110	J	160	J	220	J	53	J	490	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	140	J	180	J	63	J	490	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	120	J	160	J	52	J	490	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	490	UJ	1100	UJ	830	UJ	830	UJ	1000	UJ	490	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-09-18-24		WTSD-10-0-6		WTSD-10-18-24		WTSD-10-18-24-DU		WTSD-13-0-6		WTSD-13-18-24	
			Location	WTSD-9		WTSD-10		WTSD-10		WTSD-10		WTSD-13		WTSD-13	
			Sample Date	5/18/2001		5/18/2001		5/18/2001		5/18/2001		11/7/2001		11/7/2001	
		Unit \ Depth		18 to 24 inch		0 to 6 inch		18 to 24 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	4.3	UJ	1.3	J	5.2	UJ	2.5	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	4.3	UJ	11	R	5.2	UJ	2.5	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	3.9	J	6.6	J	5.2	UJ	2.5	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	4.3	UJ	4.3	UJ	5.2	UJ	2.5	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	0.23	J	5.5	UJ	4.3	UJ	4.3	UJ	5.2	UJ	2.5	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	4.3	UJ	4.3	UJ	5.2	UJ	2.5	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	4.3	UJ	4.3	UJ	5.2	UJ	2.5	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	4.3	UJ	4.3	UJ	5.2	UJ	2.5	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	8.3	UJ	8.3	UJ	10	UJ	4.9	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	24	J	38	J	10	UJ	4.9	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	8.3	UJ	2.8	J	10	UJ	4.9	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	8.3	UJ	8.3	UJ	10	UJ	4.9	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	5.9	J	9.8	J	10	UJ	4.9	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	8.3	UJ	8.3	UJ	10	UJ	4.9	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	8.3	UJ	4.8	J	10	UJ	4.9	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	25	UJ	55	UJ	43	UJ	43	UJ	52	UJ	25	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	8.3	UJ	8.3	UJ	10	UJ	4.9	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	4.9	UJ	11	UJ	8.3	UJ	8.3	UJ	10	UJ	4.9	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	0.44	J	5.7	NJ	4.5	NJ	4.9	NJ	25	NJ	2.5	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	2.5	UJ	5.5	UJ	2.8	J	4.5	J	17	J	2.5	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	250	UJ	550	UJ	430	UJ	430	UJ	520	UJ	250	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	49	UJ	110	UJ	83	UJ	83	UJ	100	UJ	49	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	100	UJ	220	UJ	170	UJ	170	UJ	200	UJ	100	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	49	UJ	110	UJ	83	UJ	83	UJ	100	UJ	49	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	49	UJ	110	UJ	83	UJ	83	UJ	100	UJ	49	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	49	UJ	110	UJ	83	UJ	83	UJ	100	UJ	49	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	49	UJ	110	UJ	83	UJ	83	UJ	100	UJ	49	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	49	UJ	110	UJ	83	UJ	83	UJ	100	UJ	49	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-09-18-24 / WTSD-9 / 5/18/2001 / 18 to 24 inch		WTSD-10-0-6 / WTSD-10 / 5/18/2001 / 0 to 6 inch		WTSD-10-18-24 / WTSD-10 / 5/18/2001 / 18 to 24 inch		WTSD-10-18-24-DU / WTSD-10 / 5/18/2001 / 18 to 24 inch		WTSD-13-0-6 / WTSD-13 / 11/7/2001 / 0 to 6 inch		WTSD-13-18-24 / WTSD-13 / 11/7/2001 / 18 to 24 inch	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	15200		9560	J	10900	J	9840	J	5740	J	11200	
7440-36-0	Antimony	ILM04-1-M	mg/kg	24.5		1.4	UJ	0.93	UJ	0.96	UJ	318	J	23.5	
7440-38-2	Arsenic	ILM04-1-M	mg/kg	18.2		6.9	BJ	7.6	J	7.7	J	97.3	J	17	
7440-39-3	Barium	ILM04-1-M	mg/kg	130		266	J	170	J	159	J	415	J	126	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.75	B	0.72	UJ	0.47	UJ	0.48	UJ	45.6	J	4	
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.4	B	5	J	5.6	J	5.6	J	0.55	BJ	0.12	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	6910		125000	J	130000	J	124000	J	51200	J	9150	
7440-47-3	Chromium	ILM04-1-M	mg/kg	338		21000	J	14800	J	13400	J	35500	J	2640	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	17		0.72	UJ	0.47	UJ	0.48	UJ	12.8	BJ	8.1	B
7440-50-8	Copper	ILM04-1-M	mg/kg	11.7		41.6	J	49.5	J	47.5	J	55.1	J	15.4	J
7439-89-6	Iron	ILM04-1-M	mg/kg	39000	*	19200	*J	15500	*J	14600	*J	54500	J	24600	
7439-92-1	Lead	ILM04-1-M	mg/kg	20.2		223	J	200	J	196	J	173	J	29.8	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3640		3740	J	4380	J	4200	J	1840	BJ	2860	
7439-96-5	Manganese	ILM04-1-M	mg/kg	856		1070	J	268	J	254	J	1560	J	606	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.18		0.59	J	0.77	J	0.8	J	0.24	BJ	0.08	UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	29.6	R	15	BJ	17.3	BJ	17.1	BJ	17	BJ	21.8	
7440-09-7	Potassium	ILM04-1-M	mg/kg	1320	B	1290	BJ	1010	BJ	807	BJ	956	BJ	1140	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.8	J	3.8	J	1.8	BJ	0.96	UJ	1.3	J	0.67	U
7440-22-4	Silver	ILM04-1-M	mg/kg	0.29	U	0.72	UJ	1.4	UJ	0.48	UJ	0.53	J	0.28	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	496	BEJ	1540	BEJ	1060	BEJ	1020	BEJ	476	BJ	626	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	4.2		8	J	6	J	4.4	BJ	2	J	1.1	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	32.6		41.1	J	43.7	J	41.2	J	0.64	J	9.6	BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	135		338	J	164	J	156	J	378	J	81.2	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.28	B	1.7	BJ	0.78	BJ	0.94	BJ	3.4	J	0.45	BJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-09-18		-10-[illegible]		WTSD-10-18-24		WTSD-10-18-24-DU		WTSD-13-0-6		WTSD-13-18-24	
			Location	WTSD-9		SD-10		WTSD-10		WTSD-10		WTSD-13		WTSD-13	
			Sample Date	5/18/2001		8/2001		5/18/2001		5/18/2001		11/7/2001		11/7/2001	
		Unit \\ Depth		18 to 24 inch		6 inch		18 to 24 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	60	UJ	130	UJ	100	UJ	40	UJ	60	J	23	J
pH	pH	SW9045C	S.U.	7.8		7.5	J	7.7	J	7.7	J	7.9		8	
TOC	Total Organic Carbon	LLOYD KAHN	mg/kg	19900	J	80000	J	48600	J	64100	J	160000		49400	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%	45.11		49.36		26.98		36.13		61.18		85	
Grain-60	No. 60 Sieve	ASTM-D421	%	8.94		9.06		9.73		10.04		17.07		5.78	
Grain-120	No. 120 Sieve	ASTM-D421	%	9.73		9.65		12.42		11.65		12.07		3.98	
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%	6.64		7.69		12.16		10.08		4.69		1.86	
Grain-270	No. 270 Sieve	ASTM-D421	%	4.94		5.04		7.11		6.06		1.7		0.99	
Grain-325	No. 325 Sieve	ASTM-D421	%	5.04		3.99		4.85		3.7		0.87		0.48	
Grain-400	No. 400 Sieve	ASTM-D421	%	3.32		2.39		3.41		2.97		0.48		0.33	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	WTSD-14-0-6 WTSD-14 11/7/2001 0 to 6 inch		WTSD-14-18-24 WTSD-14 11/7/2001 18 to 24 inch		WTSD-15-0-6 WTSD-15 11/7/2001 0 to 6 inch		WTSD-15-18-24 WTSD-15 11/7/2001 18 to 24 inch		WTSD-16-0-6 WTSD-16 11/7/2001 0 to 6 inch		WTSD-16-18-24 WTSD-16 11/7/2001 18 to 24 inch	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	7	J	3	J	8	J	5	J	11	J	2	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
67-64-1	Acetone	OLM04-2-V	ug/kg	5	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
67-66-3	Chloroform	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
71-43-2	Benzene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	7	J	4	J	53	UJ	5	J	18	J	2	J
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	36	UJ	17	UJ	53	UJ	28	UJ	74	UJ	13	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	22	J	8	J	20	J	14	J	42	J	4	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-14-0-6		WTSD-14-18-24		WTSD-15-0-6		WTSD-15-18-24		WTSD-16-0-6		WTSD-16-18-24	
			Location	WTSD-14		WTSD-14		WTSD-15		WTSD-15		WTSD-16		WTSD-16	
			Sample Date	11/7/2001		11/7/2001		11/7/2001		11/7/2001		11/7/2001		11/7/2001	
			Unit \\ Depth	0 to 6 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	8	J	2	J	53	UJ	3	J	10	J	13	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	34	J	13	J	29	J	23	J	66	J	5	J
100-42-5	Styrene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
75-25-2	Bromoform	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	36	UJ	17	U	53	UJ	28	UJ	74	UJ	13	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-14-0-6 WTSD-14 11/7/2001 0 to 6 inch		WTSD-14-18-24 WTSD-14 11/7/2001 18 to 24 inch		WTSD-15-0-6 WTSD-15 11/7/2001 0 to 6 inch		WTSD-15-18-24 WTSD-15 11/7/2001 18 to 24 inch		WTSD-16-0-6 WTSD-16 11/7/2001 0 to 6 inch		WTSD-16-18-24 WTSD-16 11/7/2001 18 to 24 inch	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	23	J	16	J	89	J	31	J	120	J	8	J
108-95-2	Phenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	770	UJ	560	UJ	37	J	700	UJ	1400	UJ	470	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	33	J	1400	UJ	470	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1900	UJ	1400	UJ	2900	UJ	1800	UJ	3600	UJ	1200	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1900	UJ	1400	UJ	2900	UJ	1800	UJ	3600	UJ	1200	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1900	UJ	1400	UJ	2900	UJ	1800	UJ	3600	UJ	1200	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-14-0-6 WTSD-14 11/7/2001 0 to 6 inch		WTSD-14-18-24 WTSD-14 11/7/2001 18 to 24 inch		WTSD-15-0-6 WTSD-15 11/7/2001 0 to 6 inch		WTSD-15-18-24 WTSD-15 11/7/2001 18 to 24 inch		WTSD-16-0-6 WTSD-16 11/7/2001 0 to 6 inch		WTSD-16-18-24 WTSD-16 11/7/2001 18 to 24 inch	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1900	UJ	1400	UJ	2900	UJ	1800	UJ	3600	UJ	1200	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1900	UJ	1400	UJ	2900	UJ	1800	UJ	3600	UJ	1200	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1900	UJ	1400	UJ	2900	UJ	1800	UJ	3600	UJ	1200	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1900	UJ	1400	UJ	2900	UJ	1800	UJ	3600	UJ	1200	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	92	J	70	J	2900	UJ	1800	UJ	3600	UJ	1200	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	37	J	42	J	88	J	700	UJ	67	J	470	UJ
120-12-7	Anthracene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	78	J	53	J	180	J	43	J	130	J	470	UJ
129-00-0	Pyrene	OLM04-2-SV	ug/kg	50	J	44	J	120	J	33	J	110	J	470	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
218-01-9	Chrysene	OLM04-2-SV	ug/kg	41	J	560	UJ	76	J	700	UJ	69	J	470	UJ
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	50	J	470	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	39	J	35	J	83	J	50	J	80	J	470	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	39	J	560	UJ	66	J	700	UJ	1400	UJ	470	UJ
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	38	J	20	J	74	J	700	UJ	59	J	470	UJ
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	36	J	560	UJ	59	J	700	UJ	1400	UJ	470	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	1100	UJ	700	UJ	1400	UJ	470	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	770	UJ	560	UJ	230	J	700	UJ	1400	UJ	470	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-14-0-6		WTSD-14-18-24		WTSD-15-0-6		WTSD-15-18-24		WTSD-16-0-6		WTSD-16-18-24	
			Location	WTSD-14		WTSD-14		WTSD-15		WTSD-15		WTSD-16		WTSD-16	
			Sample Date	11/7/2001		11/7/2001		11/7/2001		11/7/2001		11/7/2001		11/7/2001	
			Unit \\ Depth	0 to 6 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch		0 to 6 inch		18 to 24 inch	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	5.9	UJ	3.6	UJ	7.4	UJ	2.4	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	40	UJ	29	UJ	59	UJ	36	UJ	74	UJ	24	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	7.7	UJ	5.6	UJ	11	UJ	7	UJ	14	UJ	4.7	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	4.3	NJ	2.9	UJ	8.6	NJ	3.6	UJ	7.4	UJ	2.4	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	4	UJ	2.9	UJ	6.6	J	3.6	UJ	7.4	UJ	2.4	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	400	UJ	290	UJ	590	UJ	360	UJ	740	UJ	240	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	77	UJ	56	UJ	110	UJ	70	UJ	140	UJ	47	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	160	UJ	110	UJ	230	UJ	140	UJ	290	UJ	96	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	77	UJ	56	UJ	110	UJ	70	UJ	140	UJ	47	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	77	UJ	56	UJ	110	UJ	70	UJ	140	UJ	47	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	77	UJ	56	UJ	110	UJ	70	UJ	140	UJ	47	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	77	UJ	56	UJ	110	UJ	70	UJ	140	UJ	47	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	77	UJ	56	UJ	110	UJ	70	UJ	140	UJ	47	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-14-0-6 WTSD-14 11/7/2001 0 to 6 inch		WTSD-14-18-24 WTSD-14 11/7/2001 18 to 24 inch		WTSD-15-0-6 WTSD-15 11/7/2001 0 to 6 inch		WTSD-15-18-24 WTSD-15 11/7/2001 18 to 24 inch		WTSD-16-0-6 WTSD-16 11/7/2001 0 to 6 inch		WTSD-16-18-24 WTSD-16 11/7/2001 18 to 24 inch	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	5250	J	8840		4160	J	11300	J	3050	J	12800	
7440-36-0	Antimony	ILM04-1-M	mg/kg	795	J	124		659	J	54.3	J	238	J	11.1	B
7440-38-2	Arsenic	ILM04-1-M	mg/kg	188	J	38.4		159	J	22	J	59.8	J	10.3	
7440-39-3	Barium	ILM04-1-M	mg/kg	92.6	BJ	80.5		94.8	BJ	96.8	J	123	BJ	94.2	
7440-41-7	Beryllium	ILM04-1-M	mg/kg	111	J	18.3		93.8	J	8.8	J	35.7	J	2.3	
7440-43-9	Cadmium	ILM04-1-M	mg/kg	1.5	BJ	3		1.4	BJ	0.68	BJ	2.1	BJ	0.11	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	145000	J	34400		140000	J	25100	J	110000	J	7080	
7440-47-3	Chromium	ILM04-1-M	mg/kg	89900	J	13700		69400	J	6330	J	27400	J	1270	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	22.6	BJ	9.7	B	19.2	BJ	6.7	BJ	7.9	BJ	7.7	B
7440-50-8	Copper	ILM04-1-M	mg/kg	93.7	J	24.2	J	94.9	J	26.8	J	36.3	J	9.8	J
7439-89-6	Iron	ILM04-1-M	mg/kg	4720	J	18200		4110	J	18800	J	6100	J	25900	
7439-92-1	Lead	ILM04-1-M	mg/kg	289	J	94.4		251	J	65.5	J	117	J	17.5	
7439-95-4	Magnesium	ILM04-1-M	mg/kg	1990	BJ	2420		1590	BJ	2620	J	1580	BJ	3260	
7439-96-5	Manganese	ILM04-1-M	mg/kg	136	J	229		1320	J	259	J	1340	J	142	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.34	J	0.19	J	0.3	BJ	0.2	BJ	0.21	J	0.07	UJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	12.1	BJ	16.9		14	BJ	18.2	J	10.2	BJ	17.7	
7440-09-7	Potassium	ILM04-1-M	mg/kg	421	BJ	761	B	555	BJ	916	BJ	851	BJ	707	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1	J	0.64	U	1.5	J	0.98	J	1.8	J	0.62	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	0.43	J	0.26	U	0.63	J	0.4	J	0.75	J	0.26	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	1240	BJ	731	B	1230	BJ	921	BJ	946	BJ	906	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.7	J	1	U	2.4	J	1.6	J	2.9	J	0.99	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	0.52	J	0.32	UJ	0.77	J	0.49	J	0.92	J	17.8	J
7440-66-6	Zinc	ILM04-1-M	mg/kg	85.3	J	80		115	J	72.9	J	102	J	89.6	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	2.2	J	1	J	3.3	J	0.21	J	1.6	BJ	0.18	BJ

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-14-0-6 WTSD-14 11/7/2001 0 to 6 inch		WTSD-14-18-24 WTSD-14 11/7/2001 18 to 24 inch		WTSD-15-0-6 WTSD-15 11/7/2001 0 to 6 inch		WTSD-15-18-24 WTSD-15 11/7/2001 18 to 24 inch		WTSD-16-0-6 WTSD-16 11/7/2001 0 to 6 inch		WTSD-16-18-24 WTSD-16 11/7/2001 18 to 24 inch	
6WetChem-s	**Wet Chemistry**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	28	J	27	J	61	J	21	J	80	J	19	J
pH	pH	SW9045C	S.U.	7.8		8		7.8		7.8		7.9		8.1	
TOC	Total Organic Carbon	LLOYD KAHN	mg/kg	121000		91000		193000		111000		260000		26300	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%	72.45		83.16		59.93		87.13		72.57		85.19	
Grain-60	No. 60 Sieve	ASTM-D421	%	12.36		7.03		12.02		5.67		8.83		3.33	
Grain-120	No. 120 Sieve	ASTM-D421	%	7.05		3.83		10.69		2.92		7.02		1.71	
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%	3.27		1.98		6.73		1.52		3.76		3.73	
Grain-270	No. 270 Sieve	ASTM-D421	%	1.29		1.04		3.23		0.74		2.07		1.68	
Grain-325	No. 325 Sieve	ASTM-D421	%	0.54		0.54		1.29		0.49		1.19		1.18	
Grain-400	No. 400 Sieve	ASTM-D421	%	0.42		0.43		0.92		0.03		0.88		0.86	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-17-0-6 WTSD-17 11/7/2001 0 to 6 inch		WTSD-17-18-24 WTSD-17 11/7/2001 18 to 24 inch	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**						
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	120	UJ	57	UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	120	UJ	13	J
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	120	UJ	57	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	120	UJ	57	UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	120	UJ	180	J
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	120	UJ	57	UJ
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	120	UJ	57	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	120	UJ	57	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	120	UJ	57	UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	120	UJ	57	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	120	UJ	57	UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	120	UJ	83	J
67-66-3	Chloroform	OLM04-2-V	ug/kg	120	UJ	57	UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	120	UJ	57	UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	120	UJ	57	UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	120	UJ	57	UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	120	UJ	57	UJ
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	25	J	14	J
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	120	UJ	57	UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	120	UJ	57	UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	120	UJ	57	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	48	J	63	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	120	UJ	57	UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	120	UJ	57	UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	120	UJ	57	UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	120	UJ	57	UJ

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	WTSD-17-0-6		WTSD-17-18-24	
			Location	WTSD-17		WTSD-17	
			Sample Date	11/7/2001		11/7/2001	
			Unit \\ Depth	0 to 6 inch		18 to 24 inch	
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	14	J	7	J
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	100	J	54	J
100-42-5	Styrene	OLM04-2-V	ug/kg	120	UJ	57	UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	120	UJ	57	UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	120	UJ	57	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	120	UJ	57	UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	120	UJ	57	UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	120	UJ	57	UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	120	UJ	57	UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	120	UJ	57	UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	120	UJ	57	UJ

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-17-0-6 WTSD-17 11/7/2001 0 to 6 inch		WTSD-17-18-24 WTSD-17 11/7/2001 18 to 24 inch	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**						
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	2400	UJ	69	J
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	2400	UJ	66	J
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	WTSD-17-0-6 WTSD-17 11/7/2001 0 to 6 inch		WTSD-17-18-24 WTSD-17 11/7/2001 18 to 24 inch	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	70	J	1200	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	5900	UJ	3000	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	2400	UJ	110	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	2400	UJ	64	J
86-74-8	Carbazole	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	2400	UJ	260	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	2400	UJ	230	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	2400	UJ	88	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	2400	UJ	140	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	2400	UJ	180	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	2400	UJ	150	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	2400	UJ	120	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	2400	UJ	98	J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	2400	UJ	1200	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	2400	UJ	160	J

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-17-0-6 WTSD-17 11/7/2001 0 to 6 inch		WTSD-17-18-24 WTSD-17 11/7/2001 18 to 24 inch	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**						
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	24	UJ	12	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	24	UJ	12	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	24	UJ	12	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	24	UJ	12	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	24	UJ	12	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	24	UJ	12	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	24	UJ	12	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	120	UJ	61	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	24	UJ	12	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	24	UJ	12	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	12	UJ	6.1	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	1200	UJ	610	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	240	UJ	120	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	480	UJ	240	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	240	UJ	120	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	240	UJ	120	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	240	UJ	120	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	240	UJ	120	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	240	UJ	120	UJ

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \ Depth	WTSD-17-0-6 WTSD-17 11/7/2001 0 to 6 inch		WTSD-17-18-24 WTSD-17 11/7/2001 18 to 24 inch	
5-Inorg-s	**Inorganic Analytes - ILM04.1**						
7429-90-5	Aluminum	ILM04-1-M	mg/kg	955	J	7420	J
7440-36-0	Antimony	ILM04-1-M	mg/kg	3.5	J	2.1	J
7440-38-2	Arsenic	ILM04-1-M	mg/kg	10.1	BJ	3.1	BJ
7440-39-3	Barium	ILM04-1-M	mg/kg	253	BJ	109	BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.42	J	0.49	BJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.56	J	0.89	BJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	85500	J	21400	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	15.2	J	45.9	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	1.4	J	5.1	BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	13.8	BJ	27.3	J
7439-89-6	Iron	ILM04-1-M	mg/kg	58000	J	15200	J
7439-92-1	Lead	ILM04-1-M	mg/kg	36.3	J	51.2	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	800	BJ	1740	BJ
7439-96-5	Manganese	ILM04-1-M	mg/kg	556	J	113	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.35	J	0.21	J
7440-02-0	Nickel	ILM04-1-M	mg/kg	11.9	BJ	19.5	BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	1130	BJ	951	BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	3.1	J	1.8	J
7440-22-4	Silver	ILM04-1-M	mg/kg	1.3	J	0.75	J
7440-23-5	Sodium	ILM04-1-M	mg/kg	1190	BJ	1110	BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	4.9	J	2.9	J
7440-62-2	Vanadium	ILM04-1-M	mg/kg	2.5	BJ	10.6	BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	552	J	365	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	5.9	J	0.39	J

Hiteman Leather Site
Onsite Wetland Sediment Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	WTSD-17-0-6 WTSD-17 11/7/2001 0 to 6 inch		WTSD-17-18-24 WTSD-17 11/7/2001 18 to 24 inch	
6WetChem-s	**Wet Chemistry**						
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	160	J	120	J
pH	pH	SW9045C	S.U.	7.9		7.3	
TOC	Total Organic Carbon	LLOYD KAHN	mg/kg	288000		197000	
Grain Size	**Grain Size Analysis**						
Grain-4	No. 4 Sieve	ASTM-D421	%				
Grain-10	No. 10 Sieve	ASTM-D421	%				
Grain-20	No. 20 Sieve	ASTM-D421	%				
Grain-40	No. 40 Sieve	ASTM-D421	%	82.48		60.02	
Grain-60	No. 60 Sieve	ASTM-D421	%	4.45		8.5	
Grain-120	No. 120 Sieve	ASTM-D421	%	4.24		11.37	
Grain-140	No. 140 Sieve	ASTM-D421	%				
Grain-200	No. 200 Sieve	ASTM-D421	%	2.59		7.81	
Grain-270	No. 270 Sieve	ASTM-D421	%	1.46		3.36	
Grain-325	No. 325 Sieve	ASTM-D421	%	0.78		1.66	
Grain-400	No. 400 Sieve	ASTM-D421	%	0.55		1.13	

Unadilla River Surface Water Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	URSW-1 URSW-1 5/15/2001 Background		URSW-2 URSW-2 5/15/2001		URSW-2-DUP URSW-2 5/15/2001		URSW-3 URSW-3 5/14/2001		URSW-4 URSW-4 5/14/2001		URSW-5 URSW-5 5/14/2001	
1-VOA-w	**Volatile Organic Compounds**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
74-83-9	Bromomethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-00-3	Chloroethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
67-64-1	Acetone	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	1	J
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
78-93-3	2-Butanone	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
67-66-3	Chloroform	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
110-82-7	Cyclohexane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
71-43-2	Benzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
79-01-6	Trichloroethene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/l	10	U	10	U	2	J	10	U	10	U	10	U
108-88-3	Toluene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	1	J
127-18-4	Tetrachloroethene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
591-78-6	2-Hexanone	OLM04-2-V	ug/l	10	U	10	U	2	J	10	U	10	U	10	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	URSW-1 URSW-1 5/15/2001 Background		URSW-2 URSW-2 5/15/2001		URSW-2-DUP URSW-2 5/15/2001		URSW-3 URSW-3 5/14/2001		URSW-4 URSW-4 5/14/2001		URSW-5 URSW-5 5/14/2001	
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
100-42-5	Styrene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
75-25-2	Bromoform	OLM04-2-V	ug/l	10	U	10	U	1	J	10	U	10	U	2	J
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	2	J
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10	U	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	URSW-1 URSW-1 5/15/2001 Background		URSW-2 URSW-2 5/15/2001		URSW-2-DUP URSW-2 5/15/2001		URSW-3 URSW-3 5/14/2001		URSW-4 URSW-4 5/14/2001		URSW-5 URSW-5 5/14/2001	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25	U	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25	UJ	25	UJ	25	UJ	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	URSW-1	URSW-2	URSW-2-DUP	URSW-3	URSW-4	URSW-5
				Location	URSW-1	URSW-2	URSW-2	URSW-3	URSW-4	URSW-5
				Sample Date	5/15/2001	5/15/2001	5/15/2001	5/14/2001	5/14/2001	5/14/2001
					Background					
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**									
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10 UJ	10 UJ	10 UJ	10 U	10 U	10 U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10 UJ	10 UJ	10 UJ	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 UJ	25 UJ	25 UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10 R	10 R	10 R	10 R	10 R	10 R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		2 J	3 J	10 U	10 U	10 U	10 U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10 UJ	10 UJ	10 UJ	10 U	10 U	10 U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	URSW-1 URSW-1 5/15/2001 Background		URSW URSW 5/15/200		SW-2-DUP IRSW-2 5/15/2001		URSW-3 URSW-3 5/14/2001		URSW-4 URSW-4 5/14/2001		URSW-5 URSW-5 5/14/2001	
4-P/PCBs-w	**Pesticide/PCB Organics**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2	U	2	U			2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1	U	1	U			1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1	U					1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1	U					1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1	U					1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1	U			1	U	1	U	1	U	1	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	URSW-1 URSW-1 5/15/2001 Background		URSW-2 URSW-2 5/15/2001		URSW-2-DUP URSW-2 5/15/2001		URSW-3 URSW-3 5/14/2001		URSW-4 URSW-4 5/14/2001		URSW-5 URSW-5 5/14/2001	
5-Inorg-w	**Inorganic Analytes**														
7429-90-5	Aluminum	ILM04-1-M	ug/l	12	U	23.3	B	36.2	B	27.7	B	12	U	12	U
7440-36-0	Antimony	ILM04-1-M	ug/l	6	U	6	U	6	U	6	U	6	U	6	U
7440-38-2	Arsenic	ILM04-1-M	ug/l	3	U	3	U	3	U	3	U	3	U	3	U
7440-39-3	Barium	ILM04-1-M	ug/l	33.7	B	33.6	B	33.1	B	32.4	B	32.9	B	30.8	B
7440-41-7	Beryllium	ILM04-1-M	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
7440-43-9	Cadmium	ILM04-1-M	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
7440-70-2	Calcium	ILM04-1-M	ug/l	80900	R	85300	R	81300	R	80400		80700		75800	
7440-47-3	Chromium	ILM04-1-M	ug/l	2	U	2	U	2	U	2	U	2	U	2	U
7440-48-4	Cobalt	ILM04-1-M	ug/l	2	U	2	U	2	U	2	U	2	U	2	U
7440-50-8	Copper	ILM04-1-M	ug/l	2	U	2	U	2	U	2	U	2	U	2	U
7439-89-6	Iron	ILM04-1-M	ug/l	110		124		196		116		98.2	B	92.5	B
7439-92-1	Lead	ILM04-1-M	ug/l	2	UNJ	2	UNJ	2	UNJ	2	UNJ	2	UNJ	2	UNJ
7439-95-4	Magnesium	ILM04-1-M	ug/l	8210	R	9460	R	9140	R	8750		8830		8310	
7439-96-5	Manganese	ILM04-1-M	ug/l	13.3	B	11.8	B	11.8	B	11.7	B	11.9	B	10.9	B
7439-97-6	Mercury	ILM04-1-M	ug/l	0.52	R	0.42	R	0.38	R	0.41	R	0.43	R	0.43	R
7440-02-0	Nickel	ILM04-1-M	ug/l	2	U	2	U	2	U	2	U	2	U	2	U
7440-09-7	Potassium	ILM04-1-M	ug/l	1120	B	1210	B	1220	B	1170	B	1170	B	1100	B
7782-49-2	Selenium	ILM04-1-M	ug/l	3	U	3	U	3	U	3	U	3	U	3	U
7440-22-4	Silver	ILM04-1-M	ug/l	3	U	3	U	3	U	3	U	3	U	3	U
7440-23-5	Sodium	ILM04-1-M	ug/l	7080	R	6920	R	6920	R	6840		6950		6460	
7440-28-0	Thallium	ILM04-1-M	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l	3	U	3	U	3	U	3	U	3	U	3	U
7440-66-6	Zinc	ILM04-1-M	ug/l	3.1	R	3.8	R	7.8	R	5.6	B	3.6	B	1.3	B
57-12-5	Cyanide	ILM04-1-CN	ug/l	1.5	B	1.7	B	4	B	3.8	B	3.8	B	3.6	B
6-WetChem	**Wet Chemistry**														
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l	220		250		230		190		210		210	
CACOA-H	Hardness as CaCO3	SM2340B	mg/l	250		260		260		230		250		250	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
TDS	Total Dissolved Solids	MCAWW160-1	mg/l	300		290		300		280		270		260	
TSS	Total Suspended Solids	MCAWW160-2	mg/l	10	U	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod Location Sample Date	URSW-6 URSW-6 5/15/2001	URSW-7 URSW-7 11/6/2001	URSW-8 URSW-8 11/6/2001	URSW-8-DUP URSW-8 11/6/2001	URSW-9 URSW-9 11/6/2001	URSW-10 URSW-10 11/6/2001
1-VOA-w	**Volatile Organic Compounds**									
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/l		10 UJ	10 U	10 U	10 U	10 U	10 U
74-87-3	Chloromethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
74-83-9	Bromomethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
75-00-3	Chloroethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	2 J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
67-64-1	Acetone	OLM04-2-V	ug/l		10 U	12 U	10 U	10 U	10 U	10 UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
79-20-9	Methyl Acetate	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
75-09-2	Methylene Chloride	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	2 J
78-93-3	2-Butanone	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
67-66-3	Chloroform	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	8 J
110-82-7	Cyclohexane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	3 J
71-43-2	Benzene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
79-01-6	Trichloroethene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	5 J
108-87-2	Metylcyclohexane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
108-88-3	Toluene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	6 J
591-78-6	2-Hexanone	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
108-90-7	Chlorobenzene	OLM04-2-V	ug/l		10 U	10 U	10 U	10 U	10 U	10 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	URSW-6 URSW-6 5/15/2001	URSW-7 URSW-7 11/6/2001	URSW-8 URSW-8 11/6/2001	URSW-8-DUP URSW-8 11/6/2001	URSW-9 URSW-9 11/6/2001	URSW-10 URSW-10 11/6/2001
100-41-4	Ethylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
100-42-5	Styrene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
75-25-2	Bromoform	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/l	10 U	10 U	10 U	10 U	10 U	10 U

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	URSW-6		URSW-7		URSW-8		URSW-8-DUP		URSW-9		URSW-10	
				Location	URSW-6		URSW-7		URSW-8		URSW-8		URSW-9		URSW-10	
				Sample Date	5/15/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**															
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	URSW-6		URSW-7		URSW-8		URSW-8-DUP		URSW-9		URSW-10	
				Location	URSW-6		URSW-7		URSW-8		URSW-8		URSW-9		URSW-10	
				Sample Date	5/15/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**															
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	R	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	0.2	J	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\	URSW-6 URSW-6 5/15/2001		URSW-7 URSW-7 11/6/2001		URSW-8 URSW-8 11/6/2001		URSW-8-DUP URSW-8 11/6/2001		URSW-9 URSW-9 11/6/2001		URSW-10 URSW-10 11/6/2001	
4-P/PCBs-w	**Pesticide/PCB Organics**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2	U	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U	1	U

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod Location Sample Date	URSW-6 URSW-6 5/15/2001	URSW-7 URSW-7 11/6/2001	URSW-8 URSW-8 11/6/2001	URSW-8-DUP URSW-8 11/6/2001	URSW-9 URSW-9 11/6/2001	URSW-10 URSW-10 11/6/2001
5-Inorg-w	**Inorganic Analytes**									
7429-90-5	Aluminum	ILM04-1-M	ug/l		21.9 B	133 B	109 B	103 B	119 B	150 B
7440-36-0	Antimony	ILM04-1-M	ug/l		6 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
7440-38-2	Arsenic	ILM04-1-M	ug/l		3 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
7440-39-3	Barium	ILM04-1-M	ug/l		30.1 B	42.5 B	41.4 B	41 B	43.5 B	43.1 B
7440-41-7	Beryllium	ILM04-1-M	ug/l		1 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
7440-43-9	Cadmium	ILM04-1-M	ug/l		1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
7440-70-2	Calcium	ILM04-1-M	ug/l		75800 R	98300	94400	95000	100000	95500
7440-47-3	Chromium	ILM04-1-M	ug/l		2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7440-48-4	Cobalt	ILM04-1-M	ug/l		2 U	1 U	1 U	1 U	1 U	1 U
7440-50-8	Copper	ILM04-1-M	ug/l		2 U	1.6 B	1.5 U	1.5 U	2 B	1.5 U
7439-89-6	Iron	ILM04-1-M	ug/l		107	108	70 B	82.5 B	90.2 B	146
7439-92-1	Lead	ILM04-1-M	ug/l		2 UNJ	1.9 U	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
7439-95-4	Magnesium	ILM04-1-M	ug/l		8260 R	12400	11600	11800	12400	11000
7439-96-5	Manganese	ILM04-1-M	ug/l		9.5 B	4.9 B	4.4 B	4.5 B	5.1 B	10.7 B
7439-97-6	Mercury	ILM04-1-M	ug/l		0.39 R	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7440-02-0	Nickel	ILM04-1-M	ug/l		2 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
7440-09-7	Potassium	ILM04-1-M	ug/l		1070 B	2010 B	1980 B	1920 B	2060 B	2150 B
7782-49-2	Selenium	ILM04-1-M	ug/l		3 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
7440-22-4	Silver	ILM04-1-M	ug/l		3 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
7440-23-5	Sodium	ILM04-1-M	ug/l		6300 R	8410 J	8110 J	8290 J	8540 J	8200 J
7440-28-0	Thallium	ILM04-1-M	ug/l		5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
7440-62-2	Vanadium	ILM04-1-M	ug/l		3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
7440-66-6	Zinc	ILM04-1-M	ug/l		1 U	8.5 U	8.5 U	8.5 U	8.5 U	8.5 U
57-12-5	Cyanide	ILM04-1-CN	ug/l		3.5 B	1.9 U	1.9 U	1.9 U	2.1 B	1.9 U
6-WetChem	**Wet Chemistry**									
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		220	320	300	300	280	240
CACOA-H	Hardness as CaCO3	SM2340B	mg/l		260	270	270	270	280	280
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		290	320	330	330	350	330
TSS	Total Suspended Solids	MCAWW160-2	mg/l		10 U	10 U	11	10 U	10 U	10 U

Unadilla River Sediment Sample Results

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-1 / URSD-1 / 5/15/2001 / Background		URSD-2 / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-2-DUP / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-3 / URSD-3 / 5/14/2001 / 0 to 6 inch		URSD-4 / URSD-4 / 5/14/2001 / 0 to 6 inch		URSD-5 / URSD-5 / 5/14/2001 / 0 to 6 inch	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	27	UJ	18	UJ	15	UJ	12	UJ	16	UJ	32	UJ
74-87-3	Chloromethane	OLM04-2-V	ug/kg	27	UJ	18	UJ	15	UJ	12	UJ	16	UJ	32	UJ
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
74-83-9	Bromomethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
75-00-3	Chloroethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
67-64-1	Acetone	OLM04-2-V	ug/kg	59	UJ	79	U	66	U	17	U	28	U	86	UJ
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	5	J	18	U	2	J	3	J	2	J	9	J
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	5	J	18	U	15	U	12	U	16	U	32	UJ
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
78-93-3	2-Butanone	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	21	J
67-66-3	Chloroform	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	2	J	32	UJ
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
71-43-2	Benzene	OLM04-2-V	ug/kg	27	UJ	18	U	2	J	12	U	16	U	32	UJ
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	3	J	32	UJ
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	27	UJ	18	U	15	U	12	U	16	U	32	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\ Depth	URSD-1 URSD-1 5/15/2001 Background	URSD-2 URSD-2 5/15/2001 0 to 6 inch	URSD-2-DUP URSD-2 5/15/2001 0 to 6 inch	URSD-3 URSD-3 5/14/2001 0 to 6 inch	URSD-4 URSD-4 5/14/2001 0 to 6 inch	URSD-5 URSD-5 5/14/2001 0 to 6 inch
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
100-42-5	Styrene	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
75-25-2	Bromoform	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	27 UJ	18 U	15 U	12 U	16 U	32 UJ

Cas Rn	Chemical Name	Analytic Method	Sample Code Location Sample Date Unit \\ Depth	URSD-1 URSD-1 5/15/2001 Background	URSD-2 URSD-2 5/15/2001 0 to 6 inch	URSD-2-DUP URSD-2 5/15/2001 0 to 6 inch	URSD-3 URSD-3 5/14/2001 0 to 6 inch	URSD-4 URSD-4 5/14/2001 0 to 6 inch	URSD-5 URSD-5 5/14/2001 0 to 6 inch
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
108-95-2	Phenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	89 J	490 U	510 U	430 U	79 J	830 UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	830 UJ	490 UJ	510 UJ	430 UJ	490 UJ	830 UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	830 UJ	490 UJ	510 UJ	430 UJ	490 UJ	830 UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	2100 UJ	1200 U	1300 U	1100 U	1200 U	2100 UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	2100 UJ	1200 U	1300 U	1100 U	1200 U	2100 UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	430 U	490 U	830 UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	830 UJ	85 J	110 J	430 U	490 U	830 UJ
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	2100 UJ	1200 U	1300 U	1100 U	1200 U	2100 UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	830 UJ	490 U	510 U	13 J	490 U	830 UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-1 / URSD-1 / 5/15/2001 / Background		URSD-2 / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-2-DUP / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-3 / URSD-3 / 5/14/2001 / 0 to 6 inch		URSD-4 / URSD-4 / 5/14/2001 / 0 to 6 inch		URSD-5 / URSD-5 / 5/14/2001 / 0 to 6 inch	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	2100	UJ	1200	UJ	1300	UJ	1100	UJ	1200	UJ	2100	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	2100	UJ	1200	U	1300	U	1100	U	1200	U	2100	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	830	UJ	75	J	120	J	66	J	490	U	830	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	2100	UJ	1200	U	1300	U	1100	U	1200	U	2100	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	2100	UJ	1200	U	1300	U	1100	U	1200	U	2100	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	830	R	490	R	510	R	430	R	490	R	830	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	2100	UJ	1200	UJ	1300	UJ	1100	UJ	1200	UJ	2100	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	88	J	690		890		430		220	J	180	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	830	UJ	160	J	190	J	68	J	490	U	830	UJ
86-74-8	Carbazole	OLM04-2-SV	ug/kg	830	UJ	120	J	140	J	61	J	490	U	830	UJ
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	830	UJ	61	J	74	J	65	J	490	U	830	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	150	J	1100		1300		480		340	J	310	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	120	J	830		900		330	J	250	J	250	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	830	UJ	450	J	450	J	130	J	120	J	110	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	830	UJ	540		540		160	J	160	J	150	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	100	J	70	J	220	J	56	J	200	J	830	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	830	UJ	490	U	510	U	430	U	490	U	830	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	100	J	650	J	760	J	210	J	200	J	130	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	830	UJ	490	UJ	510	UJ	430	UJ	490	UJ	150	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	830	UJ	460	J	520		150	J	140	J	140	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	830	UJ	240	J	280	J	86	J	80	J	830	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	830	UJ	83	J	100	J	430	U	490	U	830	UJ
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	830	UJ	240	J	280	J	90	J	120	J	84	J

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-1 / URSD-1 / 5/15/2001 / Background		URSD-2 / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-2-DUP / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-3 / URSD-3 / 5/14/2001 / 0 to 6 inch		URSD-4 / URSD-4 / 5/14/2001 / 0 to 6 inch		URSD-5 / URSD-5 / 5/14/2001 / 0 to 6 inch	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	4.3	UJ	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	4.3	UJ	2.5	U	11		2.2	U	2.5	U	4.3	J
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	4.3	UJ	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	4.3	UJ	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	4.3	UJ	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	4.3	UJ	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	4.3	UJ	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	4.3	UJ	0.71	J	2.6	U	2.2	U	2.5	U	4.3	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	43	UJ	25	U	26	U	22	U	25	U	43	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	8.3	UJ	4.9	U	5.1	U	4.3	U	4.9	U	8.3	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	5.6	J	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	4.8	J	2.5	U	2.6	U	2.2	U	2.5	U	4.3	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	430	UJ	250	U	260	U	220	U	250	U	430	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	83	UJ	49	U	51	U	43	U	49	U	83	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	170	UJ	100	U	100	U	88	U	99	U	170	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	83	UJ	49	U	51	U	43	U	49	U	83	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	83	UJ	49	U	51	U	43	U	49	U	83	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	83	UJ	49	U	51	U	43	U	49	U	83	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	83	UJ	49	U	51	U	43	U	49	U	83	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	83	UJ	49	U	51	U	43	U	49	U	83	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-1 / URSD-1 / 5/15/2001 / Background		URSD-2 / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-2-DUP / URSD-2 / 5/15/2001 / 0 to 6 inch		URSD-3 / URSD-3 / 5/14/2001 / 0 to 6 inch		URSD-4 / URSD-4 / 5/14/2001 / 0 to 6 inch		URSD-5 / URSD-5 / 5/14/2001 / 0 to 6 inch	
5-inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	6180	J	3600		4640		3000		2520		8280	J
7440-36-0	Antimony	ILM04-1-M	mg/kg	12.8	BJ	5.6	B	8.1	B	6.3	B	5.7	B	15	BJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	3.7	BJ	4.1		3.9		2.6		1.8	B	7.2	J
7440-39-3	Barium	ILM04-1-M	mg/kg	55	BJ	40	B	47.9	B	24.9	B	26.4	B	88.6	BJ
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.46	UJ	0.27	U	0.3	U	0.26	U	0.28	U	0.54	UJ
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.46	UJ	0.35	B	0.34	B	0.26	U	0.28	U	0.54	UJ
7440-70-2	Calcium	ILM04-1-M	mg/kg	62400	J	64900		87500		110000		127000		73600	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	11.1	J	1670		1340		11		39.2		45.5	J
7440-48-4	Cobalt	ILM04-1-M	mg/kg	5	BJ	2.4	B	3.1	B	2.8	B	2.5	B	6.6	BJ
7440-50-8	Copper	ILM04-1-M	mg/kg	9.4	BJ	21.8		22.7		5.2	B	5.4	B	14.1	J
7439-89-6	Iron	ILM04-1-M	mg/kg	12200	J	9790		11100		8230		7860		19100	J
7439-92-1	Lead	ILM04-1-M	mg/kg	20.6	J	46.2		53.1		12.5		20.1		25.4	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	3390	J	3260		4310		4820		3770		4090	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	247	J	158		209		179		426		559	J
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.21	J	0.23	J	0.17	J	0.09	BJ	0.13	J	0.25	BJ
7440-02-0	Nickel	ILM04-1-M	mg/kg	12.9	BJ	8.2	B	15.5		7.4	B	6.2	B	16.5	BJ
7440-09-7	Potassium	ILM04-1-M	mg/kg	712	BJ	415	B	460	B	401	B	361	B	1170	BJ
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.4	UJ	0.81	U	0.9	U	0.77	U	0.83	U	1.6	UJ
7440-22-4	Silver	ILM04-1-M	mg/kg	1.4	UJ	0.81	U	0.9	U	0.77	U	0.83	U	1.6	UJ
7440-23-5	Sodium	ILM04-1-M	mg/kg	727	BJ	457	BJ	475	BJ	431	BJ	405	BJ	797	BJ
7440-28-0	Thallium	ILM04-1-M	mg/kg	2.3	UJ	1.4	U	1.5	U	1.3	U	1.4	U	2.7	UJ
7440-62-2	Vanadium	ILM04-1-M	mg/kg	10.6	BJ	9.6	B	10.8	B	6.4	B	5.7	B	14.2	BJ
7440-66-6	Zinc	ILM04-1-M	mg/kg	62.2	J	91.5		94.3		37.6		38.4		96.8	J
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.13	BNJ	0.57	BNJ	0.42	BNJ	0.22	BNJ	0.2	BNJ	0.41	BNJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-1 URSD-1 5/15/2001 Background		URSD-2 URSD-2 5/15/2001 0 to 6 inch		URSD-2-DUP URSD-2 5/15/2001 0 to 6 inch		URSD-3 URSD-3 5/14/2001 0 to 6 inch		URSD-4 URSD-4 5/14/2001 0 to 6 inch		URSD-5 URSD-5 5/14/2001 0 to 6 inch	
6WetChem-s	**Created by SUPER on 08/03/2001**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	110	U	60	U	60	U	11	U	11	U	50	U
pH	pH	SW9045C	S.U.	7.3		7.5		7.4		7.4		7.6		6.3	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg	15100		24600		3000	U	25500	J	40900	J	21100	J
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%	127.6		37.83		42.55		67.03		53.02		44.02	
Grain-60	No. 60 Sieve	ASTM-D421	%	17.52		20.68		21.59		14.58		21.4		13.43	
Grain-120	No. 120 Sieve	ASTM-D421	%	24.66		22.8		21.39		8.73		13.28		13.64	
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%	10.8		8.08		6.52		3.52		4.67		7.8	
Grain-270	No. 270 Sieve	ASTM-D421	%	5.33		3		2.42		1.6		2.05		4.77	
Grain-325	No. 325 Sieve	ASTM-D421	%	2.95		1.49		1.14		0.81		1.09		2.9	
Grain-400	No. 400 Sieve	ASTM-D421	%	2.35		1.21		0.82		0.7		0.87		2.5	

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-6 / URSD-6 / 5/15/2001 / 0 to 6 inch		URSD-7 / URSD-7 / 11/6/2001 / 0 to 6 inch		URSD-8 / URSD-8 / 11/6/2001 / 0 to 6 inch		URSD-8-DUP / URSD-8 / 11/6/2001 / 0 to 6 inch		URSD-9 / URSD-9 / 11/6/2001 / 0 to 6 inch		URSD-10 / URSD-10 / 11/6/2001 / 0 to 6 inch	
1-VOA-s	**Volatile Organic Compounds - OLM04.2**														
75-71-8	Dichlorodifluoromethane	OLM04-2-V	ug/kg	20	UJ	14	U	17	U	16	U	52	U	15	U
74-87-3	Chloromethane	OLM04-2-V	ug/kg	20	UJ	14	U	17	U	16	U	52	U	15	U
75-01-4	Vinyl Chloride	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
74-83-9	Bromomethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
75-00-3	Chloroethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
75-69-4	Trichlorofluoromethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
75-35-4	1,1-Dichloroethene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
67-64-1	Acetone	OLM04-2-V	ug/kg	37	U	41	U	100		70		140		40	U
75-15-0	Carbon Disulfide	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
79-20-9	Methyl Acetate	OLM04-2-V	ug/kg	5	J	14	U	17	U	16	U	52	U	15	U
75-09-2	Methylene Chloride	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
156-60-5	trans-1,2-Dichloroethene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
1634-04-4	Methyl Tert-Butyl Ether	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
75-34-3	1,1-Dichloroethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
156-59-2	cis-1,2-Dichloroethene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
78-93-3	2-Butanone	OLM04-2-V	ug/kg	20	U	4	J	25		17		23	J	8	J
67-66-3	Chloroform	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
71-55-6	1,1,1-Trichloroethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
110-82-7	Cyclohexane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
56-23-5	Carbon Tetrachloride	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
71-43-2	Benzene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
107-06-2	1,2-Dichloroethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
79-01-6	Trichloroethene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
108-87-2	Metylcyclohexane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
78-87-5	1,2-Dichloropropane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
75-27-4	Bromodichloromethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
10061-01-5	cis-1,3-Dichloropropene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
108-10-1	4-Methyl-2-pentanone	OLM04-2-V	ug/kg	20	U	14	UJ	17	UJ	16	UJ	52	UJ	15	UJ
108-88-3	Toluene	OLM04-2-V	ug/kg	20	U	2	J	2	J	16	U	6	J	2	J
10061-02-6	trans-1,3-Dichloropropene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
79-00-5	1,1,2-Trichloroethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
127-18-4	Tetrachloroethene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
591-78-6	2-Hexanone	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
124-48-1	Dibromochloromethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
106-93-4	1,2-Dibromoethane	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U
108-90-7	Chlorobenzene	OLM04-2-V	ug/kg	20	U	14	U	17	U	16	U	52	U	15	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-6 / URSD-6 / 5/15/2001 / 0 to 6 inch	URSD-7 / URSD-7 / 11/6/2001 / 0 to 6 inch	URSD-8 / URSD-8 / 11/6/2001 / 0 to 6 inch	URSD-8-DUP / URSD-8 / 11/6/2001 / 0 to 6 inch	URSD-9 / URSD-9 / 11/6/2001 / 0 to 6 inch	URSD-10 / URSD-10 / 11/6/2001 / 0 to 6 inch
100-41-4	Ethylbenzene	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
1330-20-7	Xylenes (total)	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
100-42-5	Styrene	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
75-25-2	Bromoform	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
98-82-8	Isopropylbenzene	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
79-34-5	1,1,2,2-Tetrachloroethane	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
541-73-1	1,3-Dichlorobenzene	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
106-46-7	1,4-Dichlorobenzene	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
95-50-1	1,2-Dichlorobenzene	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
96-12-8	1,2-Dibromo-3-chloropropane	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U
120-82-1	1,2,4-Trichlorobenzene	OLM04-2-V	ug/kg	20 U	14 U	17 U	16 U	52 U	15 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-6 URSD-6 5/15/2001 0 to 6 inch		URSD-7 URSD-7 11/6/2001 0 to 6 inch		URSD-8 URSD-8 11/6/2001 0 to 6 inch		URSD-8-DUP URSD-8 11/6/2001 0 to 6 inch		URSD-9 URSD-9 11/6/2001 0 to 6 inch		URSD-10 URSD-10 11/6/2001 0 to 6 inch	
2-SV-1-s	**Semi-Volatile Organics -page 1 - OLM04.2**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/kg	540	U	55	J	17	J	14	J	20	J	14	J
108-95-2	Phenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
95-48-7	2-Methylphenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
106-44-5	4-Methylphenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
98-95-3	Nitrobenzene	OLM04-2-SV	ug/kg	540	UJ	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
91-20-3	Naphthalene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/kg	540	UJ	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
105-60-2	Caprolactam	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/kg	1400	U	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/kg	1400	U	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
208-96-8	Acenaphthylene	OLM04-2-SV	ug/kg	80	J	460	UJ	520	UJ	460	UJ	490	UJ	21	J
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/kg	1400	U	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
83-32-9	Acenaphthene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-6 URSD-6 5/15/2001 0 to 6 inch		URSD-7 URSD-7 11/6/2001 0 to 6 inch		URSD-8 URSD-8 11/6/2001 0 to 6 inch		URSD-8-DUP URSD-8 11/6/2001 0 to 6 inch		URSD-9 URSD-9 11/6/2001 0 to 6 inch		URSD-10 URSD-10 11/6/2001 0 to 6 inch	
3-SV-2-s	**Semi-Volatile Organics -page 2 - OLM04.2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/kg	1400	UJ	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/kg	1400	U	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
84-66-2	Diethylphthalate	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
86-73-7	Fluorene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/kg	1400	U	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/kg	1400	U	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
1912-24-9	Atrazine	OLM04-2-SV	ug/kg	540	R	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/kg	1400	UJ	1200	UJ	1300	UJ	1200	UJ	1200	UJ	1200	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/kg	390	J	460	UJ	520	UJ	460	UJ	100	J	230	J
120-12-7	Anthracene	OLM04-2-SV	ug/kg	110	J	460	UJ	520	UJ	460	UJ	16	J	37	J
86-74-8	Carbazole	OLM04-2-SV	ug/kg	67	J	460	UJ	520	UJ	460	UJ	490	UJ	21	J
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
206-44-0	Fluoranthene	OLM04-2-SV	ug/kg	830		460	UJ	520	UJ	21	J	170	J	370	J
129-00-0	Pyrene	OLM04-2-SV	ug/kg	550		460	UJ	520	UJ	19	J	140	J	250	J
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/kg	250	J	460	UJ	520	UJ	460	UJ	62	J	110	J
218-01-9	Chrysene	OLM04-2-SV	ug/kg	330	J	460	UJ	520	UJ	460	UJ	79	J	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/kg	180	J	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/kg	540	U	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/kg	460	J	460	UJ	520	UJ	460	UJ	67	J	150	J
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/kg	540	UJ	460	UJ	520	UJ	460	UJ	62	J	84	J
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/kg	300	J	460	UJ	520	UJ	460	UJ	64	J	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/kg	170	J	460	UJ	520	UJ	460	UJ	40	J	71	J
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/kg	58	J	460	UJ	520	UJ	460	UJ	490	UJ	28	J
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/kg	170	J	460	UJ	520	UJ	460	UJ	490	UJ	490	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	URSD-6 URSD-6 5/15/2001 0 to 6 inch		URSD-7 URSD-7 11/6/2001 0 to 6 inch		URSD-8 URSD-8 11/6/2001 0 to 6 inch		URSD-8-DUP URSD-8 11/6/2001 0 to 6 inch		URSD-9 URSD-9 11/6/2001 0 to 6 inch		URSD-10 URSD-10 11/6/2001 0 to 6 inch	
4-P/PCBs-s	**Pestcide/PCB Organics - OLM04.2**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
319-85-7	beta-BHC	OLM04-2-PP	ug/kg	5.3	NJ	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
319-86-8	delta-BHC	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
76-44-8	Heptachlor	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
309-00-2	Aldrin	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
959-98-8	Endosulfan I	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
60-57-1	Dieldrin	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
72-55-9	4,4'-DDE	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
72-20-8	Endrin	OLM04-2-PP	ug/kg	3.6	J	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
33213-65-9	Endosulfan II	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
72-54-8	4,4'-DDD	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
50-29-3	4,4'-DDT	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
72-43-5	Methoxychlor	OLM04-2-PP	ug/kg	28	U	24	UJ	27	UJ	24	UJ	25	UJ	25	UJ
53494-70-5	Endrin ketone	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/kg	5.4	U	4.6	UJ	5.2	UJ	4.6	UJ	4.9	UJ	4.9	UJ
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/kg	2.8	U	2.4	UJ	2.7	UJ	2.4	UJ	2.5	UJ	2.5	UJ
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/kg	1.1	J	2.4	UJ	2.7	UJ	2.4	UJ	5.6	J	2.5	UJ
8001-35-2	Toxaphene	OLM04-2-PP	ug/kg	280	U	240	UJ	270	UJ	240	UJ	250	UJ	250	UJ
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/kg	54	U	46	UJ	52	UJ	46	UJ	49	UJ	49	UJ
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/kg	110	U	94	UJ	110	UJ	93	UJ	99	UJ	99	UJ
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/kg	54	U	46	UJ	52	UJ	46	UJ	49	UJ	49	UJ
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/kg	54	U	46	UJ	52	UJ	46	UJ	49	UJ	49	UJ
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/kg	54	U	46	UJ	52	UJ	46	UJ	49	UJ	49	UJ
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/kg	54	U	46	UJ	52	UJ	46	UJ	49	UJ	49	UJ
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/kg	54	U	46	UJ	52	UJ	46	UJ	49	UJ	49	UJ

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\ Depth	URSD-6 URSD-6 5/15/2001 0 to 6 inch		URSD-7 URSD-7 11/6/2001 0 to 6 inch		URSD-8 URSD-8 11/6/2001 0 to 6 inch		URSD-8-DUP URSD-8 11/6/2001 0 to 6 inch		URSD-9 URSD-9 11/6/2001 0 to 6 inch		URSD-10 URSD-10 11/6/2001 0 to 6 inch	
5-Inorg-s	**Inorganic Analytes - ILM04.1**														
7429-90-5	Aluminum	ILM04-1-M	mg/kg	7810		8130		6140		6330		5150		3220	
7440-36-0	Antimony	ILM04-1-M	mg/kg	14.7	B	0.66	UJ	1.1	BJ	0.8	UJ	0.99	BJ	0.75	UJ
7440-38-2	Arsenic	ILM04-1-M	mg/kg	5.4		3.5		2.4	B	2.8	B	1.7	B	0.54	U
7440-39-3	Barium	ILM04-1-M	mg/kg	74.9		54.6		77		69.2		46.6	B	20.9	B
7440-41-7	Beryllium	ILM04-1-M	mg/kg	0.47	B	0.45	B	0.3	B	0.29	B	0.43	B	0.15	B
7440-43-9	Cadmium	ILM04-1-M	mg/kg	0.4	B	0.11	U	0.14	U	0.13	U	0.14	U	0.12	U
7440-70-2	Calcium	ILM04-1-M	mg/kg	107000		7850	J	140000	J	129000	J	51700	J	37800	J
7440-47-3	Chromium	ILM04-1-M	mg/kg	136		13.4		20.9	J	10.9	J	140		30.4	
7440-48-4	Cobalt	ILM04-1-M	mg/kg	6.8	B	6	B	4.9	B	5.5	B	3.7	B	2.6	B
7440-50-8	Copper	ILM04-1-M	mg/kg	17.6		14.7	R	14.3	R	13	R	9	R	4.6	B
7439-89-6	Iron	ILM04-1-M	mg/kg	20200		13900		15700		17200		10600		7140	
7439-92-1	Lead	ILM04-1-M	mg/kg	58.3		9.6	J	7.5	J	6.7	J	13.1	J	6.1	J
7439-95-4	Magnesium	ILM04-1-M	mg/kg	8850		3130	J	6030	J	6150	J	2490	J	2070	J
7439-96-5	Manganese	ILM04-1-M	mg/kg	446		82.7		272		278		175		94.3	
7439-97-6	Mercury	ILM04-1-M	mg/kg	0.25	J	0.07	U	0.09	U	0.08	U	0.09	U	0.08	U
7440-02-0	Nickel	ILM04-1-M	mg/kg	14.9		18.8		17.1		17.7		11.2	B	7.3	B
7440-09-7	Potassium	ILM04-1-M	mg/kg	989	B	673	B	1240	B	1350	B	589	B	481	B
7782-49-2	Selenium	ILM04-1-M	mg/kg	1.1	U	0.58	U	1.5	B	1.8		0.76	U	0.66	U
7440-22-4	Silver	ILM04-1-M	mg/kg	1.1	U	0.24	U	0.3	U	0.29	U	0.31	U	0.27	U
7440-23-5	Sodium	ILM04-1-M	mg/kg	556	BJ	432	B	555	B	462	B	357	B	283	B
7440-28-0	Thallium	ILM04-1-M	mg/kg	1.8	U	0.93	U	1.2	U	1.1	U	1.2	U	1.1	U
7440-62-2	Vanadium	ILM04-1-M	mg/kg	15	B	15.3		11.3	B	11.7	B	8.4	B	5.8	B
7440-66-6	Zinc	ILM04-1-M	mg/kg	88.8		65.9		51.6		50.6		50.8		32.7	
57-12-5	Cyanide	ILM04-1-CN	mg/kg	0.28	BNJ	0.24	B	0.16	U	0.15	U	0.41	B	0.14	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	URSD-6		URSD-7		URSD-8		URSD-8-DUP		URSD-9		URSD-10	
			Location	URSD-6		URSD-7		URSD-8		URSD-8		URSD-9		URSD-10	
			Sample Date	5/15/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001		11/6/2001	
			Unit \\ Depth	0 to 6 inch		0 to 6 inch		0 to 6 inch		0 to 6 inch		0 to 6 inch		0 to 6 inch	
6WetChem-s	**Created by SUPER on 08/03/2001**														
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/kg	70	U	11	UJ	6.1	UJ	6.6	UJ	5.9	UJ	5	UJ
pH	pH	SW9045C	S.U.	7.5		8.1		8.1		8		7.7		7.8	
TOC	Total Organic Carbon	Lloyd Kahn	mg/kg			20700	U	25400		38800		21600		15200	
Grain Size	**Grain Size Analysis**														
Grain-4	No. 4 Sieve	ASTM-D421	%												
Grain-10	No. 10 Sieve	ASTM-D421	%												
Grain-20	No. 20 Sieve	ASTM-D421	%												
Grain-40	No. 40 Sieve	ASTM-D421	%	43.28		49		15.83		16.09		37.65		8.77	
Grain-60	No. 60 Sieve	ASTM-D421	%	11.59		9.93		8.36		8.24		23.49		29.32	
Grain-120	No. 120 Sieve	ASTM-D421	%	15.04		10.27		8.78		8.09		24.07		48.22	
Grain-140	No. 140 Sieve	ASTM-D421	%												
Grain-200	No. 200 Sieve	ASTM-D421	%	9.15		9.02		7.63		9.19		6.44		7.71	
Grain-270	No. 270 Sieve	ASTM-D421	%	5.41		4.72		7.85		7.94		2.56		2.12	
Grain-325	No. 325 Sieve	ASTM-D421	%	3.76		2.68		5.68		5.52		0.88		0.69	
Grain-400	No. 400 Sieve	ASTM-D421	%	2.22		3.17		6.32		5.48		0.62		0.52	

Unadilla River Fish Tissue Sample Results

Hiteman Leather Site
Unadilla River Fish Tissue Samples
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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	URSF-2		URSF-4		URSF-5	
				Location	URSF-2		URSF-4		URSF-5	
				Sample Date	11/14/2001		11/14/2001		11/13/2001	
1-SW8260B-s	**Volatile Organics**									
75-71-8	Dichlorodifluoromethane	SW8260B	ug/kg		not analyzed		not analyzed		16	U
74-87-3	Chloromethane	SW8260B	ug/kg		for organics		for organics		16	U
75-01-4	Vinyl Chloride	SW8260B	ug/kg						16	U
74-83-9	Bromomethane	SW8260B	ug/kg						16	UJ
75-00-3	Chloroethane	SW8260B	ug/kg						16	U
75-69-4	Trichlorofluoromethane	SW8260B	ug/kg						16	U
75-35-4	1,1-Dichloroethene	SW8260B	ug/kg						16	U
67-64-1	Acetone	SW8260B	ug/kg						460	J
75-15-0	Carbon Disulfide	SW8260B	ug/kg						16	U
75-09-2	Methylene Chloride	SW8260B	ug/kg						120	
156-60-5	trans-1,2-Dichloroethene	SW8260B	ug/kg						16	U
1634-04-4	Methyl Tert-Butyl Ether	SW8260B	ug/kg						16	U
75-34-3	1,1-Dichloroethane	SW8260B	ug/kg						16	U
78-93-3	2-Butanone	SW8260B	ug/kg						16	UJ
67-66-3	Chloroform	SW8260B	ug/kg						16	U
71-55-6	1,1,1-Trichloroethane	SW8260B	ug/kg						16	U
56-23-5	Carbon Tetrachloride	SW8260B	ug/kg						16	U
71-43-2	Benzene	SW8260B	ug/kg						16	U
79-01-6	Trichloroethene	SW8260B	ug/kg						16	U
78-87-5	1,2-Dichloropropane	SW8260B	ug/kg						16	U
75-27-4	Bromodichloromethane	SW8260B	ug/kg						16	U
10061-01-5	cis-1,3-Dichloropropene	SW8260B	ug/kg						16	U
108-10-1	4-Methyl-2-pentanone	SW8260B	ug/kg						16	UJ
108-88-3	Toluene	SW8260B	ug/kg						16	U
10061-02-6	trans-1,3-Dichloropropene	SW8260B	ug/kg						16	U
79-00-5	1,1,2-Trichloroethane	SW8260B	ug/kg						16	U
127-18-4	Tetrachloroethene	SW8260B	ug/kg						16	U
591-78-6	2-Hexanone	SW8260B	ug/kg						16	UJ
124-48-1	Dibromochloromethane	SW8260B	ug/kg						16	U
106-93-4	1,2-Dibromoethane	SW8260B	ug/kg						16	U
108-90-7	Chlorobenzene	SW8260B	ug/kg						16	U
100-41-4	Ethylbenzene	SW8260B	ug/kg						16	U
1330-20-7	Xylenes (total)	SW8260B	ug/kg						16	U
100-42-5	Styrene	SW8260B	ug/kg						16	UJ
75-25-2	Bromoform	SW8260B	ug/kg						16	U
98-82-8	Isopropylbenzene	SW8260B	ug/kg						16	UJ
79-34-5	1,1,2,2-Tetrachloroethane	SW8260B	ug/kg						16	U

Hiteman Leather Site
Unadilla River Fish Tissue Samples
Sport Fish

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod Location Sample Date	URSF-2 URSF-2 11/14/2001		URSF-4 URSF-4 11/14/2001		URSF-5 URSF-5 11/13/2001	
541-73-1	1,3-Dichlorobenzene	SW8260B	ug/kg						16	U
106-46-7	1,4-Dichlorobenzene	SW8260B	ug/kg		not analyzed		not analyzed		16	U
95-50-1	1,2-Dichlorobenzene	SW8260B	ug/kg		for organics		for organics		16	U
96-12-8	1,2-Dibromo-3-chloropropane	SW8260B	ug/kg						16	U
120-82-1	1,2,4-Trichlorobenzene	SW8260B	ug/kg						16	UJ
108-05-4	Vinyl Acetate	SW8260B	ug/kg						16	UJ
156-59-2	cis-1,2-Dichloroethene	SW8260B	ug/kg						16	U
74-97-5	Bromochloromethane	SW8260B	ug/kg						16	U
563-58-6	1,1-Dichloropropene	SW8260B	ug/kg						16	U
107-06-2	1,2-Dichloroethane	SW8260B	ug/kg						16	U
74-95-3	Dibromoethane	SW8260B	ug/kg						16	U
142-28-9	1,3-DICHLOROPROPANE	SW8260B	ug/kg						16	U
630-20-6	1,1,1,2-Tetrachloroethane	SW8260B	ug/kg						16	U
108-86-1	Bromobenzene	SW8260B	ug/kg						16	U
103-65-1	n-Propylbenzene	SW8260B	ug/kg						16	UJ
108-67-8	1,3,5-Trimethyl Benzene	SW8260B	ug/kg						16	UJ
135-98-8	2-PHENYLBUTANE	SW8260B	ug/kg						16	UJ
95-49-8	2-Chlorotoluene	SW8260B	ug/kg						16	U
98-06-6	tert-BUTYLBENZENE	SW8260B	ug/kg						16	UJ
95-63-6	1,2,4-Trimethylbenzene	SW8260B	ug/kg						16	U
104-51-8	n-Butylbenzene	SW8260B	ug/kg						16	UJ
99-87-6	CYMENE	SW8260B	ug/kg						16	UJ
91-20-3	Naphthalene	SW8260B	ug/kg						16	UJ
87-68-3	Hexachlorobutadiene	SW8260B	ug/kg						16	U
87-61-6	1,2,3-Trichlorobenzene	SW8260B	ug/kg						16	U
96-18-4	1,2,3-TRICHLOROPROPANE	SW8260B	ug/kg						16	UJ
594-20-7	2,2-Dichloropropane	SW8260B	ug/kg						16	UJ
106-43-4	4-Chlorotoluene	SW8260B	ug/kg						16	U
74-88-4	Iodomethane	SW8260B	ug/kg						16	UJ

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod		Location		Sample Date		URSF-2 URSF-2 11/14/2001		URSF-4 URSF-4 11/14/2001		URSF-5 URSF-5 11/13/2001	
5-SW-6010B	**Inorganic Analytes**														
7429-90-5	Aluminum	SW6010B	mg/kg	8	U					8	U			8	U
7440-36-0	Antimony	SW6010B	mg/kg	0.17	B					0.12	B			0.17	B
7440-38-2	Arsenic	SW6010B	mg/kg	2	U					2	U			2	U
7440-39-3	Barium	SW6010B	mg/kg	0.23	B					0.27	B			0.69	B
7440-41-7	Beryllium	SW6010B	mg/kg	0.1	U					0.1	U			0.1	U
7440-43-9	Cadmium	SW6010B	mg/kg	0.4	U					0.018	B			0.4	U
7440-70-2	Calcium	SW6010B	mg/kg	2000						2800				8330	
7440-47-3	Chromium	SW6010B	mg/kg	0.26	BEJ					0.38	BEJ			0.36	BEJ
7440-48-4	Cobalt	SW6010B	mg/kg	0.6	U					0.6	U			0.6	U
7440-50-8	Copper	SW6010B	mg/kg	0.66	B					0.77	B			0.95	B
7439-89-6	Iron	SW6010B	mg/kg	6.5	B					10.1				8.9	B
7439-92-1	Lead	SW6010B	mg/kg	2	U					2	U			0.69	
7439-95-4	Magnesium	SW6010B	mg/kg	198	EJ					262	EJ			361	EJ
7439-96-5	Manganese	SW6010B	mg/kg	1.4	BEJ					1.2	BEJ			1.3	BEJ
7439-97-6	Mercury	SW6010B	mg/kg	1	U					0.053	B			0.059	B
7440-02-0	Nickel	SW6010B	mg/kg	0.21	B					0.99	B			0.19	B
7440-09-7	Potassium	SW6010B	mg/kg	2650	EJ					3310	EJ			3080	EJ
7782-49-2	Selenium	SW6010B	mg/kg	1.2	B					1.4				1.6	
7440-22-4	Silver	SW6010B	mg/kg	0.1	U					1	U			0.1	U
7440-23-5	Sodium	SW6010B	mg/kg	625						838				1140	
7440-28-0	Thallium	SW6010B	mg/kg	2	U					2	U			2	U
7440-62-2	Vanadium	SW6010B	mg/kg	0.081	B					0.076	B			0.1	B
7440-66-6	Zinc	SW6010B	mg/kg	24.7	EJ					26.1	EJ			22.7	EJ
57-12-5	Cyanide	SW9012B	mg/kg	7	U					7	U			1.1	B

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	URFF-1-A		URFF-1-B		URFF-2-A		URFF-2-B		URFF-3-A		URFF-3-B	
				Location	URFF-1		URFF-1		URFF-2		URFF-2		URFF-3		URFF-3	
				Sample Date	11/13/2001		11/13/2001		11/13/2001		11/14/2001		11/14/2001		11/14/2001	
					Background		Background									
1-SW8260B-s	**Volatile Organic Compounds**															
75-71-8	Dichlorodifluoromethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
74-87-3	Chloromethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
75-01-4	Vinyl Chloride	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
74-83-9	Bromomethane	SW8260B	ug/kg		210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
75-00-3	Chloroethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
75-69-4	Trichlorofluoromethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
75-35-4	1,1-Dichloroethene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
67-64-1	Acetone	SW8260B	ug/kg		1400	J	3400	J	7900	J	4600	J	2100	J	4600	J
75-15-0	Carbon Disulfide	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
75-09-2	Methylene Chloride	SW8260B	ug/kg		140	J	460	J	880	J	420	J	240	J	900	J
156-60-5	trans-1,2-Dichloroethene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
1634-04-4	Methyl Tert-Butyl Ether	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
75-34-3	1,1-Dichloroethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
78-93-3	2-Butanone	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
67-66-3	Chloroform	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
71-55-6	1,1,1-Trichloroethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
56-23-5	Carbon Tetrachloride	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
71-43-2	Benzene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
79-01-6	Trichloroethene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
78-87-5	1,2-Dichloropropane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
75-27-4	Bromodichloromethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
10061-01-5	cis-1,3-Dichloropropene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
108-10-1	4-Methyl-2-pentanone	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
108-88-3	Toluene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
10061-02-6	trans-1,3-Dichloropropene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
79-00-5	1,1,2-Trichloroethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
127-18-4	Tetrachloroethene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
591-78-6	2-Hexanone	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
124-48-1	Dibromochloromethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
106-93-4	1,2-Dibromoethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
108-90-7	Chlorobenzene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
100-41-4	Ethylbenzene	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U
1330-20-7	Xylenes (total)	SW8260B	ug/kg		210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
100-42-5	Styrene	SW8260B	ug/kg		210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
75-25-2	Bromoform	SW8260B	ug/kg		210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
98-82-8	Isopropylbenzene	SW8260B	ug/kg		210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
79-34-5	1,1,2,2-Tetrachloroethane	SW8260B	ug/kg		210	U	740	U	1000	U	780	U	330	U	1000	U

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Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	URFF-1-A URFF-1 11/13/2001 Background		URFF-1-B URFF-1 11/13/2001 Background		URFF-2-A URFF-2 11/13/2001		URFF-2-B URFF-2 11/14/2001		URFF-3-A URFF-3 11/14/2001		URFF-3-B URFF-3 11/14/2001	
541-73-1	1,3-Dichlorobenzene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
106-46-7	1,4-Dichlorobenzene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
95-50-1	1,2-Dichlorobenzene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
96-12-8	1,2-Dibromo-3-chloropropane	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
120-82-1	1,2,4-Trichlorobenzene	SW8260B	ug/kg	210	UJ	740	U	1000	UJ	780	UJ	330	UJ	1000	UJ
108-05-4	Vinyl Acetate	SW8260B	ug/kg	210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
156-59-2	cis-1,2-Dichloroethene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
74-97-5	Bromochloromethane	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
563-58-6	1,1-Dichloropropene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
107-06-2	1,2-Dichloroethane	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
74-95-3	Dibromoethane	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
142-28-9	1,3-DICHLOROPROPANE	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
630-20-6	1,1,1,2-Tetrachloroethane	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
108-86-1	Bromobenzene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
103-65-1	n-Propylbenzene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
108-67-8	1,3,5-Trimethyl Benzene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
135-98-8	2-PHENYLBUTANE	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
95-49-8	2-Chlorotoluene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
98-06-6	tert-BUTYLBENZENE	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
95-63-6	1,2,4-Trimethylbenzene	SW8260B	ug/kg	210	U	740	UJ	1000	U	780	U	330	U	1000	U
104-51-8	n-Butylbenzene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
99-87-6	CYMENE	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
91-20-3	Naphthalene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
87-68-3	Hexachlorobutadiene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
87-61-6	1,2,3-Trichlorobenzene	SW8260B	ug/kg	210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
96-18-4	1,2,3-TRICHLOROPROPANE	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
594-20-7	2,2-Dichloropropane	SW8260B	ug/kg	210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ
106-43-4	4-Chlorotoluene	SW8260B	ug/kg	210	U	740	U	1000	U	780	U	330	U	1000	U
74-88-4	Iodomethane	SW8260B	ug/kg	210	UJ	740	UJ	1000	UJ	780	UJ	330	UJ	1000	UJ

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Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date Unit \\	URFF-1-A URFF-1 11/13/2001 Background		URFF-1-B URFF-1 11/13/2001 Background		URFF-2-A URFF-2 11/13/2001		URFF-2-B URFF-2 11/14/2001		URFF-3-A URFF-3 11/14/2001		URFF-3-B URFF-3 11/14/2001	
2-SW-8270C-s	**Semi-Volatile Organic Compounds**														
108-95-2	Phenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
111-44-4	bis(2-Chloroethyl)ether	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
95-48-7	2-Methylphenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
108-60-1	2,2'-oxybis(1-Chloropropane)	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
106-44-5	4-Methylphenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
621-64-7	N-Nitroso-di-n-propylamine	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
67-72-1	Hexachloroethane	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
98-95-3	Nitrobenzene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
78-59-1	Isophorone	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
88-75-5	2-Nitrophenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
105-67-9	2,4-Dimethylphenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
120-83-2	2,4-Dichlorophenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
91-20-3	Naphthalene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
106-47-8	4-Chloroaniline	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
87-68-3	Hexachlorobutadiene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
59-50-7	4-Chloro-3-methylphenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
91-57-6	2-Methylnaphthalene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
77-47-4	Hexachlorocyclopentadiene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
88-06-2	2,4,6-Trichlorophenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
95-95-4	2,4,5-Trichlorophenol	SW8270C	ug/kg	2000	U	4000	U	2000	U	2000	U	2000	U	2000	U
91-58-7	2-Chloronaphthalene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
88-74-4	2-Nitroaniline	SW8270C	ug/kg	2000	U	4000	U	2000	U	2000	U	2000	U	2000	U
131-11-3	Dimethylphthalate	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
606-20-2	2,6-Dinitrotoluene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
208-96-8	Acenaphthylene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
99-09-2	3-Nitroaniline	SW8270C	ug/kg	2000	U	4000	U	2000	U	2000	U	2000	U	2000	U
83-32-9	Acenaphthene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
95-57-8	2-Chlorophenol	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
95-50-1	1,2-Dichlorobenzene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
541-73-1	1,3-Dichlorobenzene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
106-46-7	1,4-Dichlorobenzene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
111-91-1	bis(2-Chloroethoxy)methane	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U
120-82-1	1,2,4-Trichlorobenzene	SW8270C	ug/kg	980	U	2000	U	960	U	970	U	980	U	980	U

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3-SW8081-s	**Pesticide Organic Compounds**														
319-84-6	alpha-BHC	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
319-85-7	beta-BHC	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	6.3	R	5	U
319-86-8	delta-BHC	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
58-89-9	gamma-BHC (Lindane)	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
76-44-8	Heptachlor	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
309-00-2	Aldrin	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
1024-57-3	Heptachlor epoxide	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5.5	J	5	U
959-98-8	Endosulfan I	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
60-57-1	Dieldrin	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
72-55-9	4,4'-DDE	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
72-20-8	Endrin	SW8081A	ug/kg	9.5	UJ	20	UJ	19	UJ	9.9	UJ	9.8	UJ	9.8	UJ
33213-65-9	Endosulfan II	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
72-54-8	4,4'-DDD	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
1031-07-8	Endosulfan sulfate	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
50-29-3	4,4'-DDT	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
72-43-5	Methoxychlor	SW8081A	ug/kg	49	U	100	UJ	100	UJ	51	UJ	50	UJ	50	UJ
53494-70-5	Endrin ketone	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
7421-93-4	Endrin aldehyde	SW8081A	ug/kg	9.5	U	20	U	19	U	9.9	U	9.8	U	9.8	U
5103-71-9	alpha-Chlordane	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
5103-74-2	gamma-Chlordane	SW8081A	ug/kg	4.9	U	10	U	10	U	5.1	U	5	U	5	U
8001-35-2	Toxaphene	SW8081A	ug/kg	490	UJ	1000	UJ	1000	UJ	510	UJ	500	UJ	500	UJ
4-SW-8082	**PCBs**														
12674-11-2	Aroclor-1016	SW8082	ug/kg	96	U	200	U	200	U	100	U	99	U	99	U
11104-28-2	Aroclor-1221	SW8082	ug/kg	96	U	200	U	200	U	100	U	99	U	99	U
11141-16-5	Aroclor-1232	SW8082	ug/kg	96	U	200	U	200	U	100	U	99	U	99	U
53469-21-9	Aroclor-1242	SW8082	ug/kg	96	U	200	U	200	U	100	U	99	U	99	U
12672-29-6	Aroclor-1248	SW8082	ug/kg	96	U	200	U	200	U	100	U	99	U	99	U
11097-69-1	Aroclor-1254	SW8082	ug/kg	96	U	200	U	200	U	100	U	99	U	99	U
11096-82-5	Aroclor-1260	SW8082	ug/kg	96	UJ	200	UJ	200	UJ	100	UJ	99	U	99	UJ

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5-SW-6010B	**Inorganics**														
7429-90-5	Aluminum	SW6010B	mg/kg	9.3	B	123		2.2	B	18.6		12.3		12.7	
7440-36-0	Antimony	SW6010B	mg/kg	0.38	B	0.24	B	0.26	B	0.17	B	0.13	B	0.15	B
7440-38-2	Arsenic	SW6010B	mg/kg	2	U	2	U	2	U	2	U	2	U	2	U
7440-39-3	Barium	SW6010B	mg/kg	2.5	B	2.2	B	2.1	B	2	B	2.5	B	1.3	B
7440-41-7	Beryllium	SW6010B	mg/kg	0.0086	B	0.0047	B	0.1	U	0.1	U	0.1	U	0.1	U
7440-43-9	Cadmium	SW6010B	mg/kg	0.03	B	0.025	B	0.02	B	0.027	B	0.029	B	0.025	B
7440-70-2	Calcium	SW6010B	mg/kg	10400		16300		11400		16900		11200		11100	
7440-47-3	Chromium	SW6010B	mg/kg	3.3	EJ	8.7	EJ	0.62	BEJ	1.8	EJ	0.49	BEJ	1.5	EJ
7440-48-4	Cobalt	SW6010B	mg/kg	0.08	B	0.26	B	0.035	B	0.088	B	0.032	B	0.061	B
7440-50-8	Copper	SW6010B	mg/kg	1.4	B	1.2	B	0.88	B	1.2	B	0.81	B	0.7	B
7439-89-6	Iron	SW6010B	mg/kg	34.5		575		27.5		59.1		39.4		43.3	
7439-92-1	Lead	SW6010B	mg/kg	2	U	0.15	B	2	U	2	U	2	U	2	U
7439-95-4	Magnesium	SW6010B	mg/kg	323	EJ	413	EJ	392	EJ	414	EJ	372	EJ	294	EJ
7439-96-5	Manganese	SW6010B	mg/kg	3.2	EJ	12	EJ	4.5	EJ	5.9	EJ	6.2	EJ	4.1	EJ
7439-97-6	Mercury	SW6010B	mg/kg	0.1	U	0.089	B	0.069	B	0.075	B	0.1	B	0.079	B
7440-02-0	Nickel	SW6010B	mg/kg	0.56	B	5.4		0.16	B	0.85	B	0.14	B	0.79	B
7440-09-7	Potassium	SW6010B	mg/kg	2300	EJ	2770	EJ	2960	EJ	2810	EJ	2860	EJ	2140	EJ
7782-49-2	Selenium	SW6010B	mg/kg	1.5	B	1.6		1.9		1.8		1.9		1.3	
7440-22-4	Silver	SW6010B	mg/kg	1	U	1	U	1	U	1	U	1	U	1	U
7440-23-5	Sodium	SW6010B	mg/kg	953		1680		964		1510		987		1100	
7440-28-0	Thallium	SW6010B	mg/kg	2	U	2	U	2	U	2	U	2	U	2	U
7440-62-2	Vanadium	SW6010B	mg/kg	0.16	B	0.65	B	0.17	B	0.23	B	0.13	B	0.16	B
7440-66-6	Zinc	SW6010B	mg/kg	28.5	EJ	32.6	EJ	58.9	EJ	32	EJ	60.9	EJ	27.3	EJ
57-12-5	Cyanide	SW9012B	mg/kg	7	U	2.5		7	U	7	U	7	U	7	U

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				Location	URFF-4		URFF-4		URFF-5		URFF-5	
				Sample Date	11/14/2001		11/14/2001		11/13/2001		11/13/2001	
1-SW8260B-s	**Volatile Organic Compounds**											
75-71-8	Dichlorodifluoromethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
74-87-3	Chloromethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
75-01-4	Vinyl Chloride	SW8260B	ug/kg		11	U	13	U	12	U	890	U
74-83-9	Bromomethane	SW8260B	ug/kg		11	UJ	13	UJ	12	UJ	890	UJ
75-00-3	Chloroethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
75-69-4	Trichlorofluoromethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
75-35-4	1,1-Dichloroethene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
67-64-1	Acetone	SW8260B	ug/kg		1100	DJ	890	DJ	1500	DJ	3800	J
75-15-0	Carbon Disulfide	SW8260B	ug/kg		55		64		12	U	890	U
75-09-2	Methylene Chloride	SW8260B	ug/kg		210		420		260		850	J
156-60-5	trans-1,2-Dichloroethene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
1634-04-4	Methyl Tert-Butyl Ether	SW8260B	ug/kg		11	U	13	U	12	U	890	U
75-34-3	1,1-Dichloroethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
78-93-3	2-Butanone	SW8260B	ug/kg		11	U	13	U	12	UJ	890	U
67-66-3	Chloroform	SW8260B	ug/kg		11	U	13	U	12	U	890	U
71-55-6	1,1,1-Trichloroethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
56-23-5	Carbon Tetrachloride	SW8260B	ug/kg		11	U	13	U	12	U	890	U
71-43-2	Benzene	SW8260B	ug/kg		4	J	62		10	J	890	U
79-01-6	Trichloroethene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
78-87-5	1,2-Dichloropropane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
75-27-4	Bromodichloromethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
10061-01-5	cis-1,3-Dichloropropene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
108-10-1	4-Methyl-2-pentanone	SW8260B	ug/kg		11	UJ	13	UJ	12	UJ	890	U
108-88-3	Toluene	SW8260B	ug/kg		11	U	5	J	3	J	890	U
10061-02-6	trans-1,3-Dichloropropene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
79-00-5	1,1,2-Trichloroethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
127-18-4	Tetrachloroethene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
591-78-6	2-Hexanone	SW8260B	ug/kg		11	UJ	13	UJ	180	J	890	U
124-48-1	Dibromochloromethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
106-93-4	1,2-Dibromoethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U
108-90-7	Chlorobenzene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
100-41-4	Ethylbenzene	SW8260B	ug/kg		11	U	13	U	12	U	890	U
1330-20-7	Xylenes (total)	SW8260B	ug/kg		11	U	13	U	12	U	890	UJ
100-42-5	Styrene	SW8260B	ug/kg		11	UJ	13	UJ	12	UJ	890	UJ
75-25-2	Bromoform	SW8260B	ug/kg		11	U	13	U	12	U	890	UJ
98-82-8	Isopropylbenzene	SW8260B	ug/kg		11	UJ	13	UJ	12	UJ	890	UJ
79-34-5	1,1,2,2-Tetrachloroethane	SW8260B	ug/kg		11	U	13	U	12	U	890	U

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541-73-1	1,3-Dichlorobenzene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
106-46-7	1,4-Dichlorobenzene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
95-50-1	1,2-Dichlorobenzene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
96-12-8	1,2-Dibromo-3-chloropropane	SW8260B	ug/kg	11	U	13	U	12	U	890	U
120-82-1	1,2,4-Trichlorobenzene	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	UJ
108-05-4	Vinyl Acetate	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	UJ
156-59-2	cis-1,2-Dichloroethene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
74-97-5	Bromochloromethane	SW8260B	ug/kg	11	U	13	U	12	U	890	U
563-58-6	1,1-Dichloropropene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
107-06-2	1,2-Dichloroethane	SW8260B	ug/kg	11	U	13	U	12	U	890	U
74-95-3	Dibromoethane	SW8260B	ug/kg	11	U	13	U	12	U	890	U
142-28-9	1,3-DICHLOROPROPANE	SW8260B	ug/kg	11	U	13	U	12	U	890	U
630-20-6	1,1,1,2-Tetrachloroethane	SW8260B	ug/kg	11	U	13	U	12	U	890	U
108-86-1	Bromobenzene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
103-65-1	n-Propylbenzene	SW8260B	ug/kg	11	UJ	13	UJ	12	U	890	U
108-67-8	1,3,5-Trimethyl Benzene	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	U
135-98-8	2-PHENYLBUTANE	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	U
95-49-8	2-Chlorotoluene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
98-06-6	tert-BUTYLBENZENE	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	U
95-63-6	1,2,4-Trimethylbenzene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
104-51-8	n-Butylbenzene	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	U
99-87-6	CYMENE	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	U
91-20-3	Naphthalene	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	U
87-68-3	Hexachlorobutadiene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
87-61-6	1,2,3-Trichlorobenzene	SW8260B	ug/kg	5	J	13	U	12	U	890	UJ
96-18-4	1,2,3-TRICHLOROPROPANE	SW8260B	ug/kg	11	UJ	13	UJ	12	UJ	890	U
594-20-7	2,2-Dichloropropane	SW8260B	ug/kg	11	U	13	U	12	U	890	UJ
106-43-4	4-Chlorotoluene	SW8260B	ug/kg	11	U	13	U	12	U	890	U
74-88-4	Iodomethane	SW8260B	ug/kg	11	U	13	U	12	U	890	UJ

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2-SW-8270C-s	**Semi-Volatile Organic Compounds**										
108-95-2	Phenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
111-44-4	bis(2-Chloroethyl)ether	SW8270C	ug/kg	990	U	980	U	970	U	990	U
95-48-7	2-Methylphenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
108-60-1	2,2'-oxybis(1-Chloropropane)	SW8270C	ug/kg	990	U	980	U	970	U	990	U
106-44-5	4-Methylphenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
621-64-7	N-Nitroso-di-n-propylamine	SW8270C	ug/kg	990	U	980	U	970	U	990	U
67-72-1	Hexachloroethane	SW8270C	ug/kg	990	U	980	U	970	U	990	U
98-95-3	Nitrobenzene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
78-59-1	Isophorone	SW8270C	ug/kg	990	U	980	U	970	U	990	U
88-75-5	2-Nitrophenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
105-67-9	2,4-Dimethylphenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
120-83-2	2,4-Dichlorophenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
91-20-3	Naphthalene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
106-47-8	4-Chloroaniline	SW8270C	ug/kg	990	U	980	U	970	U	990	U
87-68-3	Hexachlorobutadiene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
59-50-7	4-Chloro-3-methylphenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
91-57-6	2-Methylnaphthalene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
77-47-4	Hexachlorocyclopentadiene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
88-06-2	2,4,6-Trichlorophenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
95-95-4	2,4,5-Trichlorophenol	SW8270C	ug/kg	2000	U	2000	U	2000	U	2000	U
91-58-7	2-Chloronaphthalene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
88-74-4	2-Nitroaniline	SW8270C	ug/kg	2000	U	2000	U	2000	U	2000	U
131-11-3	Dimethylphthalate	SW8270C	ug/kg	990	U	980	U	970	U	990	U
606-20-2	2,6-Dinitrotoluene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
208-96-8	Acenaphthylene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
99-09-2	3-Nitroaniline	SW8270C	ug/kg	2000	U	2000	U	2000	U	2000	U
83-32-9	Acenaphthene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
95-57-8	2-Chlorophenol	SW8270C	ug/kg	990	U	980	U	970	U	990	U
95-50-1	1,2-Dichlorobenzene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
541-73-1	1,3-Dichlorobenzene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
106-46-7	1,4-Dichlorobenzene	SW8270C	ug/kg	990	U	980	U	970	U	990	U
111-91-1	bis(2-Chloroethoxy)methane	SW8270C	ug/kg	990	U	980	U	970	U	990	U
120-82-1	1,2,4-Trichlorobenzene	SW8270C	ug/kg	990	U	980	U	970	U	990	U

Hiteman Leather Site
Unadilla River Fish Tissue
Forage Fish

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	URFF-4-A		URFF-4-B		URFF-5-A		URFF-5-B	
				Location	URFF-4		URFF-4		URFF-5		URFF-5	
				Sample Date	11/14/2001		11/14/2001		11/13/2001		11/13/2001	
3-SW8081-s	**Pesticide Organic Compounds**											
319-84-6	alpha-BHC	SW8081A	ug/kg		5	U	5.1	U	5	U	4.8	U
319-85-7	beta-BHC	SW8081A	ug/kg		5	U	5.1	U	5.3	R	4.8	U
319-86-8	delta-BHC	SW8081A	ug/kg		5	U	5.1	U	5	U	4.8	U
58-89-9	gamma-BHC (Lindane)	SW8081A	ug/kg		5	U	7.2	R	5	U	4.8	U
76-44-8	Heptachlor	SW8081A	ug/kg		5	U	5.1	U	5	U	4.8	U
309-00-2	Aldrin	SW8081A	ug/kg		5.7	JN	5.1	U	7.6	J	4.8	U
1024-57-3	Heptachlor epoxide	SW8081A	ug/kg		5	U	5.1	U	5	U	4.8	U
959-98-8	Endosulfan I	SW8081A	ug/kg		5	U	5.1	U	5	U	4.8	U
60-57-1	Dieldrin	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
72-55-9	4,4'-DDE	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
72-20-8	Endrin	SW8081A	ug/kg		9.6	UJ	9.9	UJ	9.8	UJ	9.4	UJ
33213-65-9	Endosulfan II	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
72-54-8	4,4'-DDD	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
1031-07-8	Endosulfan sulfate	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
50-29-3	4,4'-DDT	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
72-43-5	Methoxychlor	SW8081A	ug/kg		50	UJ	51	UJ	50	UJ	48	UJ
53494-70-5	Endrin ketone	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
7421-93-4	Endrin aldehyde	SW8081A	ug/kg		9.6	U	9.9	U	9.8	U	9.4	U
5103-71-9	alpha-Chlordane	SW8081A	ug/kg		5	U	5.1	U	5	U	4.8	U
5103-74-2	gamma-Chlordane	SW8081A	ug/kg		5	U	5.1	U	5	U	4.8	U
8001-35-2	Toxaphene	SW8081A	ug/kg		500	UJ	510	UJ	500	UJ	480	UJ
4-SW-8082	**PCBs**											
12674-11-2	Aroclor-1016	SW8082	ug/kg		97	U	100	U	99	U	95	U
11104-28-2	Aroclor-1221	SW8082	ug/kg		97	U	100	U	99	U	95	U
11141-16-5	Aroclor-1232	SW8082	ug/kg		97	U	100	U	99	U	95	U
53469-21-9	Aroclor-1242	SW8082	ug/kg		97	U	100	U	99	U	95	U
12672-29-6	Aroclor-1248	SW8082	ug/kg		97	U	100	U	99	U	95	U
11097-69-1	Aroclor-1254	SW8082	ug/kg		97	U	100	U	99	U	95	U
11096-82-5	Aroclor-1260	SW8082	ug/kg		97	UJ	100	UJ	99	UJ	95	UJ

Hiteman Leather Site
Unadilla River Fish Tissue
Forage Fish

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	URFF-4-A		URFF-4-B		URFF-5-A		URFF-5-B	
				Location	URFF-4		URFF-4		URFF-5		URFF-5	
				Sample Date	11/14/2001		11/14/2001		11/13/2001		11/13/2001	
5-SW-6010B	**Inorganics**											
7429-90-5	Aluminum	SW6010B	mg/kg		8	U	47.6		6.8	B	15.7	
7440-36-0	Antimony	SW6010B	mg/kg		0.098	B	0.14	B	0.12	B	0.17	B
7440-38-2	Arsenic	SW6010B	mg/kg		2	U	2	U	2	U	2	U
7440-39-3	Barium	SW6010B	mg/kg		0.87	B	3.9	B	1.5	B	1.4	B
7440-41-7	Beryllium	SW6010B	mg/kg		0.1	U	0.1	U	0.1	U	0.1	U
7440-43-9	Cadmium	SW6010B	mg/kg		0.041	B	0.038	B	0.02	B	0.024	B
7440-70-2	Calcium	SW6010B	mg/kg		10000		6170		8330		11900	
7440-47-3	Chromium	SW6010B	mg/kg		0.38	BEJ	1.7	EJ	0.66	BEJ	3.3	EJ
7440-48-4	Cobalt	SW6010B	mg/kg		0.6	U	0.067	B	0.6	U	0.073	B
7440-50-8	Copper	SW6010B	mg/kg		1.6		2.3		0.68	B	0.83	B
7439-89-6	Iron	SW6010B	mg/kg		16.6		132		30.7		54.3	
7439-92-1	Lead	SW6010B	mg/kg		2	U	0.15	B	2	U	2	U
7439-95-4	Magnesium	SW6010B	mg/kg		377	EJ	313	EJ	292	EJ	330	EJ
7439-96-5	Manganese	SW6010B	mg/kg		1.8	BEJ	13.9	EJ	4.5	EJ	5.6	EJ
7439-97-6	Mercury	SW6010B	mg/kg		0.078	B	0.1	U	0.057	B	0.061	B
7440-02-0	Nickel	SW6010B	mg/kg		0.09	B	0.22	B	0.2	B	1.7	B
7440-09-7	Potassium	SW6010B	mg/kg		2660	EJ	2860	EJ	2320	EJ	2530	EJ
7782-49-2	Selenium	SW6010B	mg/kg		1.9		1.7		1.4		1.6	
7440-22-4	Silver	SW6010B	mg/kg		1	U	1	U	1	U	1	U
7440-23-5	Sodium	SW6010B	mg/kg		900		831		787		1160	
7440-28-0	Thallium	SW6010B	mg/kg		2	U	2	U	2	U	2	U
7440-62-2	Vanadium	SW6010B	mg/kg		0.099	B	0.22	B	0.12	B	0.18	B
7440-66-6	Zinc	SW6010B	mg/kg		35.7	EJ	30.8	EJ	36.9	EJ	21.3	EJ
57-12-5	Cyanide	SW9012B	mg/kg		7	U	7	U	7	U	7	U

Groundwater Sample Results

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	MW-2S MW-2S 5/22/2001 to		MW-3S MW-3S 5/23/2001 to		MW-4S MW-4S 5/23/2001 to		MW-5S MW-5S 5/23/2001 to		MW-5S-DUP MW-5S 5/23/2001 to		MW-6S MW-6S 5/24/2001 to	
1-LowCnVOA 41 Analytes Method Code OLC02-1-V															
74-87-3	Chloromethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
75-01-4	Vinyl Chloride	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
74-83-9	Bromomethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
75-00-3	Chloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
67-64-1	Acetone	OLC02-1-V	ug/l	5	R	5	R	5	R	5	R	5	R	5	R
75-15-0	Carbon Disulfide	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1		1	U
75-09-2	Methylene Chloride	OLC02-1-V	ug/l	2	U	2	U	2	U	2	U	2	U	2	U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
78-93-3	2-Butanone	OLC02-1-V	ug/l	5	R	5	R	5	R	5	R	5	R	5	R
67-66-3	Chloroform	OLC02-1-V	ug/l	0.9	J	1	U	1	U	1	U	1	U	1	U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
71-43-2	Benzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
79-01-6	Trichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
75-27-4	Bromodichloromethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/l	5	UJ	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
127-18-4	Tetrachloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
591-78-6	2-Hexanone	OLC02-1-V	ug/l	5	UJ	5	U	5	U	5	U	5	U	5	U
124-48-1	Dibromochloromethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
108-90-7	Chlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
100-41-4	Ethylbenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
1330-20-7	Xylenes (total)	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
100-42-5	Styrene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
75-25-2	Bromoform	OLC02-1-V	ug/l	1	UJ	1	U	1	U	1	U	1	U	1	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U	1	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	MW-2S MW-2S 5/22/2001 to	MW-3S MW-3S 5/23/2001 to	MW-4S MW-4S 5/23/2001 to	MW-5S MW-5S 5/23/2001 to	MW-5S-DUP MW-5S 5/23/2001 to	MW-6S MW-6S 5/24/2001 to
74-97-5	Bromochloromethane	OLC02-1-V	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/l	1 R	1 R	1 R	1 R	1 R	1 R
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/l	1 U	1 U	1 U	1 U	1 U	1 U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	MW-2S MW-2S 5/22/2001 to		MW-3S MW-3S 5/23/2001 to		MW-4S MW-4S 5/23/2001 to		MW-5S MW-5S 5/23/2001 to		MW-5S-DUP MW-5S 5/23/2001 to		MW-6S MW-6S 5/24/2001 to	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10	UJ	11	UJ	10	UJ	12	UJ	10	UJ	10	UJ
108-95-2	Phenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10	U	11	U	10	UJ	12	UJ	10	UJ	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10	UJ	11	UJ	10	U	12	U	10	U	10	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25	U	27	U	26	U	30	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25	U	27	U	26	U	30	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25	U	27	U	26	U	30	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10	U	11	U	10	U	12	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-2S		MW-3S		MW-4S		MW-5S		MW-5S-DUP		MW-6S	
				Location	MW-2S		MW-3S		MW-4S		MW-5S		MW-5S		MW-6S	
				Sample Date	5/22/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/24/2001	
					to		to		to		to		to		to	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**															
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	UJ	27	UJ	26	U	30	U	25	U	25	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	UJ	27	UJ	26	UJ	30	UJ	25	UJ	25	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	U	27	U	26	UJ	30	UJ	25	UJ	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	U	27	U	26	U	30	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	R	11	R	10	R	12	R	10	R	10	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	UJ	27	U	26	U	30	U	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	U	11	U	10	UJ	12	UJ	10	UJ	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	2	J	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	UJ	11	U	10	U	12	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	UJ	11	U	10	U	12	U	10	U	10	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	11	U	10	U	12	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	MW-2S MW-2S 5/22/2001 to		MW-3S MW-3S 5/23/2001 to		MW-4S MW-4S 5/23/2001 to		MW-5S MW-5S 5/23/2001 to		MW-5S-DUP MW-5S 5/23/2001 to		MW-6S MW-6S 5/24/2001 to	
4-P/PCBs-w	**Pesticide/PCB Organics**														
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5	U	0.54	U	0.51	U	0.5	U	0.53	U	0.51	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1	U	0.11	U	0.1	U	0.05	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.054	U	0.051	U	0.05	U	0.053	U	0.051	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5	U	5.4	U	5.1	U	5	U	5.3	U	5.1	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1	U	1.1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2	U	2.2	U	2	U	2	U	2.1	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1	U	1.1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1	U	1.1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1	U	1.1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1	U	1.1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1	U	1.1	U	1	U	1	U	1	U	1	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-2S		MW-3S		MW-4S		MW-5S		MW-5S-DUP		MW-6S	
				Location	MW-2S		MW-3S		MW-4S		MW-5S		MW-5S		MW-6S	
				Sample Date	5/22/2001		5/23/2001		5/23/2001		5/23/2001		5/23/2001		5/24/2001	
					to		to		to		to		to		to	
5-Inorg-w	**Inorganic Analytes**															
7429-90-5	Aluminum	ILM04-1-M	ug/l		4	U	4	U	4	U	1190	J	345	J	68	B
7440-36-0	Antimony	ILM04-1-M	ug/l		2	U	2	U	2	U	2	U	2	U	2	U
7440-38-2	Arsenic	ILM04-1-M	ug/l		2	U	2	U	2	U	2	B	2.1	B	5.2	B
7440-39-3	Barium	ILM04-1-M	ug/l		33.1	B	65	B	51.5	B	147	B	122	B	88.2	B
7440-41-7	Beryllium	ILM04-1-M	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
7440-43-9	Cadmium	ILM04-1-M	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
7440-70-2	Calcium	ILM04-1-M	ug/l		95000		123000		114000		148000		136000		120000	
7440-47-3	Chromium	ILM04-1-M	ug/l		39.1		26.3		28.8		610	J	196	J	88.2	
7440-48-4	Cobalt	ILM04-1-M	ug/l		10.5	B	16.4	B	6.2	B	8.4	B	5.2	B	4	U
7440-50-8	Copper	ILM04-1-M	ug/l		1	U	1	U	1	U	1.6	B	3.1	B	1.9	B
7439-89-6	Iron	ILM04-1-M	ug/l		627	*	349	*	386	*	10100	*J	5340	*J	2640	
7439-92-1	Lead	ILM04-1-M	ug/l		1	U	1	U	1	U	3.1		1	U	1	U
7439-95-4	Magnesium	ILM04-1-M	ug/l		10200		11800		11200		12800		11900		13300	
7439-96-5	Manganese	ILM04-1-M	ug/l		3.1	B	27.2		288		1550		1350		511	
7439-97-6	Mercury	ILM04-1-M	ug/l		0.14	B	0.1	U	0.1	U	0.1	U	0.1	U	0.11	B
7440-02-0	Nickel	ILM04-1-M	ug/l		111		43.8		48.3		450	J	244	J	83.9	
7440-09-7	Potassium	ILM04-1-M	ug/l		2410	BE	5020	EJ	2380	BE	2170	BE	2060	BE	2770	B
7782-49-2	Selenium	ILM04-1-M	ug/l		2	U	2	U	2	U	2	U	2	U	2	U
7440-22-4	Silver	ILM04-1-M	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		22000		51600		19700		16600		16400		15500	R
7440-28-0	Thallium	ILM04-1-M	ug/l		3	U	3.5	B	3	U	3	U	3	U	3	U
7440-62-2	Vanadium	ILM04-1-M	ug/l		1	U	1	U	1	U	6.1	B	1.9	B	1	U
7440-66-6	Zinc	ILM04-1-M	ug/l		2	U	2	U	2	U	19.6	B	6.3	B	4.6	B*J
57-12-5	Cyanide	ILM04-1-CN	ug/l		1	U	3.5	B	3.2	B	3.5	B	3	B	1	U
6-WetChem	**Wet Chemistry**															
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		250		310		270		360		330		250	
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		6	U	3	U	3	UJ	6	UJ	6	UJ	6	U
COD	Chemical Oxygen Demand	SM5220D	mg/l		10	U	10		10	U	10		10	U	10	U
TOC	Total Organic Carbon	MCAWW415-1	mg/l		19		26		17		28		31		18	J
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
CL	Chloride	MCAWW325-3	mg/l		40		110		57		25		26		40	
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		2.1		2.3		1.7		2.6		3		0.4	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		4		4	U	4	U	4	U	8	U	4	U
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		0.9	U	0.9	U	0.9	U	1.1		1		0.9	U
SO4	Sulfate	MCAWW375-	mg/l		18		23		61		53		60		58	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		390		530		420		440		440		410	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		10	U	14		10	U	120		27		20	

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
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Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/24/2001		5/22/2001		5/22/2001		5/21/2001		5/23/2001		5/22/2001	
					to		to		to		to		to		to	
1-LowCnVOA 41 Analytes Method Code OLC02-1-V																
74-87-3	Chloromethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
75-01-4	Vinyl Chloride	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
74-83-9	Bromomethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
75-00-3	Chloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
67-64-1	Acetone	OLC02-1-V	ug/l		5	R	5	R	5	R	5	R	5	R	5	R
75-15-0	Carbon Disulfide	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
75-09-2	Methylene Chloride	OLC02-1-V	ug/l		2	U	2	U	2	U	2	U	2	U	2	U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
78-93-3	2-Butanone	OLC02-1-V	ug/l		5	R	5	R	5	R	5	R	5	R	5	R
67-66-3	Chloroform	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
71-43-2	Benzene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
79-01-6	Trichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
75-27-4	Bromodichloromethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/l		5	U	5	UJ	5	UJ	5	U	5	U	5	UJ
108-88-3	Toluene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	0.7	J
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
127-18-4	Tetrachloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
591-78-6	2-Hexanone	OLC02-1-V	ug/l		5	U	5	UJ	5	UJ	5	U	5	U	5	UJ
124-48-1	Dibromochloromethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
108-90-7	Chlorobenzene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
100-41-4	Ethylbenzene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
1330-20-7	Xylenes (total)	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
100-42-5	Styrene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
75-25-2	Bromoform	OLC02-1-V	ug/l		1	U	1	UJ	1	UJ	1	U	1	U	1	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/l		1	U	1	U	1	U	1	U	1	U	1	U

Hiteman Leather Site
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Field Activity 1

			Sample Cod	MW-7S	MW-8S	MW-9S	MW-10S	MW-11S	MW-12S
			Location	MW-7S	MW-8S	MW-9S	MW-10S	MW-11S	MW-12S
			Sample Date	5/24/2001	5/22/2001	5/22/2001	5/21/2001	5/23/2001	5/22/2001
Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	to	to	to	to	to	to
74-97-5	Bromochloromethane	OLC02-1-V	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/l	1 U	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/l	1 R	1 R	1 R	1 R	1 R	1 R
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/l	1 U	1 U	1 U	1 U	1 U	1 U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/24/2001		5/22/2001		5/22/2001		5/21/2001		5/23/2001		5/22/2001	
					to		to		to		to		to		to	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**															
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10	UJ	11	UJ	10	UJ	10	UJ	10	UJ	10	UJ
108-95-2	Phenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	UJ	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10	UJ	11	UJ	10	UJ	10	UJ	10	U	10	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10	UJ	11	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	5	J
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25	U	28	U	26	U	25	U	26	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25	U	28	U	26	U	25	U	26	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25	U	28	U	26	U	25	U	26	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/24/2001		5/22/2001		5/22/2001		5/21/2001		5/23/2001		5/22/2001	
					to		to		to		to		to		to	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**															
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	UJ	28	UJ	26	UJ	25	UJ	26	U	25	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	UJ	28	UJ	26	UJ	25	UJ	26	UJ	25	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	UJ	28	U	26	U	25	U	26	UJ	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	U	28	U	26	U	25	U	26	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	R	11	R	10	R	10	R	10	R	10	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	U	28	U	26	UJ	25	UJ	26	U	25	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	UJ	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	2	J	2	J	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	U	11	U	10	UJ	10	UJ	10	U	10	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	UJ	11	U	10	UJ	10	UJ	10	U	10	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	11	U	10	U	10	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/24/2001		5/22/2001		5/22/2001		5/21/2001		5/23/2001		5/22/2001	
					to		to		to		to		to		to	
4-P/PCBs-w	**Pesticide/PCB Organics**															
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.051	U	0.14	R	0.053	U	0.05	U	0.054	U	0.053	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.51	U	0.5	U	0.53	U	0.5	U	0.54	U	0.53	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.051	U	0.05	U	0.053	U	0.05	U	0.054	U	0.053	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5.1	U	5	U	5.3	U	5	U	5.4	U	5.3	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1.1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2	U	2	U	2.1	U	2	U	2.2	U	2.1	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1.1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1.1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1.1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1.1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1.1	U	1	U

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/24/2001		5/22/2001		5/22/2001		5/21/2001		5/23/2001		5/22/2001	
				to												
5-Inorg-w	**Inorganic Analytes**															
7429-90-5	Aluminum	ILM04-1-M	ug/l		4	U	31.2	B	92.1	B	12	U	4	U	4	U
7440-36-0	Antimony	ILM04-1-M	ug/l		2	U	2	U	2	U	6	U	2	U	2	U
7440-38-2	Arsenic	ILM04-1-M	ug/l		2	U	2.1	B	2	U	3	U	2	U	2	U
7440-39-3	Barium	ILM04-1-M	ug/l		32.9	B	34.1	B	110	B	78.2	B	80	B	150	B
7440-41-7	Beryllium	ILM04-1-M	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
7440-43-9	Cadmium	ILM04-1-M	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
7440-70-2	Calcium	ILM04-1-M	ug/l		92200		210000		108000		94800		112000		135000	
7440-47-3	Chromium	ILM04-1-M	ug/l		48.9		469		2.2	B	8.2	B	2	U	2	U
7440-48-4	Cobalt	ILM04-1-M	ug/l		8.6	B	8.8	B	4	U	2	U	4	U	4	U
7440-50-8	Copper	ILM04-1-M	ug/l		2.1	B	7.7	B	1	U	2	U	1	U	1	U
7439-89-6	Iron	ILM04-1-M	ug/l		737	*	3230	*	231	R	900		2210	*	4770	*
7439-92-1	Lead	ILM04-1-M	ug/l		1	U	1	U	1	U	2	UNJ	1	U	1	U
7439-95-4	Magnesium	ILM04-1-M	ug/l		10700		62200		12200		12600		11900		7370	
7439-96-5	Manganese	ILM04-1-M	ug/l		4.7	B	122		127		1150		480		367	
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	U	0.1	U	0.1	U	0.5	NJ	0.1	U	0.12	B
7440-02-0	Nickel	ILM04-1-M	ug/l		120		477		1.4	B	8.4	B	1	U	1.3	B
7440-09-7	Potassium	ILM04-1-M	ug/l		1810	BE	3230	BE	2560	BE	1610	B	2640	BE	4880	BE
7782-49-2	Selenium	ILM04-1-M	ug/l		2	UJ	2	U	2	U	3	U	2	U	2	U
7440-22-4	Silver	ILM04-1-M	ug/l		1	U	1	U	1	U	3	U	1	U	1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		10300		46000		15100		11700		17100		47300	
7440-28-0	Thallium	ILM04-1-M	ug/l		3.3	B	3.9	B	3	U	5	U	3	U	3.3	B
7440-62-2	Vanadium	ILM04-1-M	ug/l		1	U	1.5	B	1	U	3	U	1	U	1	U
7440-66-6	Zinc	ILM04-1-M	ug/l		2	U	2	U	2	U	5.9	B	2	U	7.5	B
57-12-5	Cyanide	ILM04-1-CN	ug/l		3.7	B	4.2	B	2.2	B	3	B	3	B	3.5	B
6-WetChem	**Wet Chemistry**															
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		230		230		270		250		290		260	
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		6	U	4	U	3	U	6	UJ	3	UJ	3	U
COD	Chemical Oxygen Demand	SM5220D	mg/l		10	U	10	U	10	U	10	U	10	U	14	
TOC	Total Organic Carbon	MCAWW415-1	mg/l		14	J	19		24		10	U	20		29	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.04	U
CL	Chloride	MCAWW325-3	mg/l		20		86		43		28		47		160	
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.2	U	2.2		2		0.2	U	2.6		2.5	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		4	U	4	U	4	U	4	U	4	U	4	U
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		0.9	U	0.9	U	0.9	U	0.9	U	0.9	U	0.9	U
SO4	Sulfate	MCAWW375-	mg/l		27		450		31		75		33		9	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		310		1200		430		390		400		680	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		10	U	10	U	20		10	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-13S		MW-14S		MW-15S	
				Location	MW-13S		MW-14S		MW-15S	
				Sample Date	5/22/2001		5/23/2001		5/22/2001	
					to		to		to	
1-LowCnVOA	**41 Analytes Method Code OLC02-1-V**									
74-87-3	Chloromethane	OLC02-1-V	ug/l		1	U	1	U	1	U
75-01-4	Vinyl Chloride	OLC02-1-V	ug/l		1	U	1	U	1	U
74-83-9	Bromomethane	OLC02-1-V	ug/l		1	U	1	U	1	U
75-00-3	Chloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U
67-64-1	Acetone	OLC02-1-V	ug/l		5	R	5	R	5	R
75-15-0	Carbon Disulfide	OLC02-1-V	ug/l		0.5	J	1	U	1	U
75-09-2	Methylene Chloride	OLC02-1-V	ug/l		2	U	2	U	2	U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U
78-93-3	2-Butanone	OLC02-1-V	ug/l		37	J	5	R	5	R
67-66-3	Chloroform	OLC02-1-V	ug/l		1	U	1	U	1	U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/l		1	U	1	U	1	U
71-43-2	Benzene	OLC02-1-V	ug/l		2		1	U	1	U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U
79-01-6	Trichloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/l		1	U	1	U	1	U
75-27-4	Bromodichloromethane	OLC02-1-V	ug/l		1	U	1	U	1	U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/l		1	U	1	U	1	U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/l		5	UJ	5	U	5	UJ
108-88-3	Toluene	OLC02-1-V	ug/l		1		2		1	U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/l		1	U	1	U	1	U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U
127-18-4	Tetrachloroethene	OLC02-1-V	ug/l		1	U	1	U	1	U
591-78-6	2-Hexanone	OLC02-1-V	ug/l		5	UJ	5	U	5	UJ
124-48-1	Dibromochloromethane	OLC02-1-V	ug/l		1	U	1	U	1	U
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/l		1	U	1	U	1	U
108-90-7	Chlorobenzene	OLC02-1-V	ug/l		1	U	1	U	1	U
100-41-4	Ethylbenzene	OLC02-1-V	ug/l		1		74	D	1	U
1330-20-7	Xylenes (total)	OLC02-1-V	ug/l		1	U	120	D	1	U
100-42-5	Styrene	OLC02-1-V	ug/l		1	U	1	U	1	U
75-25-2	Bromoform	OLC02-1-V	ug/l		1	UJ	1	U	1	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/l		1	U	1	U	1	U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/l		1	U	1	U	1	U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/l		1	U	1	U	1	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

			Sample Cod	MW-13S			MW-14S			MW-15S		
			Location	MW-13S			MW-14S			MW-15S		
			Sample Date	5/22/2001			5/23/2001			5/22/2001		
Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	to			to			to		
74-97-5	Bromochloromethane	OLC02-1-V	ug/l	1	U		1	U		1	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/l	1	U		1	U		1	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/l	1	R		1	R		1	R	
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/l	1	U		1	U		1	U	

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \ Depth	MW-13S MW-13S 5/22/2001 to		MW-14S MW-14S 5/23/2001 to		MW-15S MW-15S 5/22/2001 to	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10	UJ	10	UJ	10	UJ
108-95-2	Phenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10	U	10	UJ	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10	UJ	10	U	10	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/l	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10	U	23		10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10	U	15		10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\ Depth	MW-13S MW-13S 5/22/2001 to		MW-14S MW-14S 5/23/2001 to		MW-15S MW-15S 5/22/2001 to	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25	UJ	25	U	25	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25	UJ	25	UJ	25	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	UJ	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10	R	10	R	10	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25	UJ	25	U	25	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10	U	10	UJ	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	48		10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10	UJ	10	U	10	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10	UJ	10	U	10	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod Location Sample Date to	MW-13S MW-13S 5/22/2001	MW-14S MW-14S 5/23/2001	MW-15S MW-15S 5/22/2001
4-P/PCBs-w	**Pesticide/PCB Organics**						
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05 U	0.051 U	0.05 U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.051 R	0.051 U	0.05 U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05 U	0.051 U	0.05 U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05 U	0.051 U	0.05 U
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05 U	0.051 U	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.021 J	0.051 U	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05 U	0.051 U	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05 U	0.051 U	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5 U	0.51 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.051 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.012 J	0.051 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5 U	5.1 U	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1 U	1 U	1 U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\ Depth	Sample Cod	MW-13S		Sample Cod	MW-14S		Sample Cod	MW-15S	
				Location	MW-13S		Location	MW-14S		Location	MW-15S	
				Sample Date	5/22/2001		Sample Date	5/23/2001		Sample Date	5/22/2001	
					to			to			to	
5-Inorg-w	**Inorganic Analytes**											
7429-90-5	Aluminum	ILM04-1-M	ug/l		4	U		4	U		4	U
7440-36-0	Antimony	ILM04-1-M	ug/l		2	U		2	U		2	U
7440-38-2	Arsenic	ILM04-1-M	ug/l		2	U		2	U		2	U
7440-39-3	Barium	ILM04-1-M	ug/l		122	B		84.4	B		74.6	B
7440-41-7	Beryllium	ILM04-1-M	ug/l		1	U		1	U		1	U
7440-43-9	Cadmium	ILM04-1-M	ug/l		1	U		1	U		1	U
7440-70-2	Calcium	ILM04-1-M	ug/l		144000			159000			101000	
7440-47-3	Chromium	ILM04-1-M	ug/l		46.5			20.5			10.4	
7440-48-4	Cobalt	ILM04-1-M	ug/l		4.1	B		8.7	B		10.7	B
7440-50-8	Copper	ILM04-1-M	ug/l		1	U		2.3	B		1	U
7439-89-6	Iron	ILM04-1-M	ug/l		5900	*		1260	*		222	R
7439-92-1	Lead	ILM04-1-M	ug/l		1	U		1	U		1	U
7439-95-4	Magnesium	ILM04-1-M	ug/l		12100			14800			22300	
7439-96-5	Manganese	ILM04-1-M	ug/l		1150			1180			369	
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	B		0.1	U		0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l		123			164			19.3	B
7440-09-7	Potassium	ILM04-1-M	ug/l		3130	BE		3870	BE		2920	BE
7782-49-2	Selenium	ILM04-1-M	ug/l		2	U		2	U		2	U
7440-22-4	Silver	ILM04-1-M	ug/l		1	U		1	U		1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		50300			60200			14800	
7440-28-0	Thallium	ILM04-1-M	ug/l		3	U		3	U		3	U
7440-62-2	Vanadium	ILM04-1-M	ug/l		1	U		1	U		1	U
7440-66-6	Zinc	ILM04-1-M	ug/l		2	U		8.4	B		2	U
57-12-5	Cyanide	ILM04-1-CN	ug/l		3.5	B		3.4	B		3.9	B
6-WetChem	**Wet Chemistry**											
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		330			330			260	
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		6	U		5	J		3	U
COD	Chemical Oxygen Demand	SM5220D	mg/l		10	U		15			10	U
TOC	Total Organic Carbon	MCAWW415-1	mg/l		33			45			18	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.04	U		0.02	U		0.02	U
CL	Chloride	MCAWW325-3	mg/l		130			130			28	
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		1.1			0.9			1.9	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		4	U		4	U		4	U
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		0.9	U		0.9	U		0.9	U
SO4	Sulfate	MCAWW375-	mg/l		7	U		9			110	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		620			600			470	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		11			10	U		10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RMW-16S-R1 Background 5/23/2002		MW-2S-R2 MW-2S 5/16/2002		MW-3S-R2 MW-3S 5/15/2002		MW-4S-R2 MW-4S 5/16/2002		MW-5S-R2 MW-5S 5/16/2002		MW-6S-R2 MW-6S 5/16/2002	
1-LCVOANew	**50 Analytes Method Code OLC03-2-V**														
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	OLC03-2-V	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/l	0.5	U	1	J	0.5	UJ	0.5	UJ	3	J	0.5	UJ
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	OLC03-2-V	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
74-97-5	Bromochloromethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	OLC03-2-V	ug/l	0.5	U	1.1		0.5	U	0.5	U	0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	OLC03-2-V	ug/l	0.5	U	0.5	UJ	6.2		0.5	UJ	0.5	UJ	0.5	UJ
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
71-43-2	Benzene	OLC03-2-V	ug/l	0.5	UJ	0.5	U	2		0.5	U	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-01-6	Trichloroethene	OLC03-2-V	ug/l	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Metylcyclohexane	OLC03-2-V	ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/l	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/l	5	U	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	OLC03-2-V	ug/l	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/l	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
591-78-6	2-Hexanone	OLC03-2-V	ug/l	5	UJ	5	U	5	U	5	U	5	U	5	U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16S-R1		MW-2S-R2		MW-3S-R2		MW-4S-R2		MW-5S-R2		MW-6S-R2	
				Location	Background		MW-2S		MW-3S		MW-4S		MW-5S		MW-6S	
				Sample Date	5/23/2002		5/16/2002		5/15/2002		5/16/2002		5/16/2002		5/16/2002	
108-90-7	Chlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/l		0.5	UJ	0.5	UJ	1.9	J	0.5	UJ	0.5	UJ	0.5	UJ
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod Location Sample Date	RMW-16S-R1 Background 5/23/2002		MW-2S-R2 MW-2S 5/16/2002		MW-3S-R2 MW-3S 5/15/2002		MW-4S-R2 MW-4S 5/16/2002		MW-5S-R2 MW-5S 5/16/2002		MW-6S-R2 MW-6S 5/16/2002	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**															
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10	U	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10	U	10	UJ	10	U	10	U	10	UJ	10	UJ
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		0.7	J	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	UJ	25	U	25	U	25	UJ	25	UJ
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16S-R1		MW-2S-R2		MW-3S-R2		MW-4S-R2		MW-5S-R2		MW-6S-R2	
				Location	Background		MW-2S		MW-3S		MW-4S		MW-5S		MW-6S	
				Sample Date	5/23/2002		5/16/2002		5/15/2002		5/16/2002		5/16/2002		5/16/2002	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**															
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	U	25	UJ	25	U	25	U	25	UJ	25	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	U	25	UJ	25	U	25	U	25	UJ	25	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	U	25	UJ	25	U	25	U	25	UJ	25	UJ
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	U	10	UJ	10	U	10	U	10	UJ	10	UJ
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	UJ	10	U	10	U	10	UJ	10	UJ
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	UJ	25	UJ	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	U	10	UJ	10	U	10	U	10	UJ	10	UJ
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	U	10	UJ	10	U	10	U	10	UJ	10	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	6	J	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	U	10	UJ	10	U	10	U	10	UJ	10	UJ
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
4-P/PCBs-w	**Pesticide/PCB Organics**															
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16S-R1	MW-2S-R2	MW-3S-R2	MW-4S-R2	MW-5S-R2	MW-6S-R2
				Location	Background	MW-2S	MW-3S	MW-4S	MW-5S	MW-6S
				Sample Date	5/23/2002	5/16/2002	5/15/2002	5/16/2002	5/16/2002	5/16/2002
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5 U	5 U	5 U	5 U	5 U	5 U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2 U	2 U	2 U	2 U	2 U	2 U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	1 U
5-Inorg-w	**Inorganic Analytes**									
7429-90-5	Aluminum	ILM04-1-M	ug/l		228 R	99.9 B	124 B	77.6 B	176 B	638 R
7440-36-0	Antimony	ILM04-1-M	ug/l		3.8 U	3.8 U	3.8 U	3.8 U	3.8 U	3.8 U
7440-38-2	Arsenic	ILM04-1-M	ug/l		3 U	3 U	3 U	3 U	3 U	4.4 B
7440-39-3	Barium	ILM04-1-M	ug/l		110 B	35.5 B	83.6 B	36.3 B	102 B	98 B
7440-41-7	Beryllium	ILM04-1-M	ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
7440-43-9	Cadmium	ILM04-1-M	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.92 B
7440-70-2	Calcium	ILM04-1-M	ug/l		115000	90300	128000	110000	115000	121000
7440-47-3	Chromium	ILM04-1-M	ug/l		0.8 U	2 B	2 B	1.7 B	5.9 B	29.7
7440-48-4	Cobalt	ILM04-1-M	ug/l		1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
7440-50-8	Copper	ILM04-1-M	ug/l		1.4 U	2.2 B	1.4 U	2.3 B	1.4 U	3.1 B
7439-89-6	Iron	ILM04-1-M	ug/l		146	32.5 B	684	17 U	2190	1290
7439-92-1	Lead	ILM04-1-M	ug/l		2.8 UJ	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
7439-95-4	Magnesium	ILM04-1-M	ug/l		17200	9460	11500	6970	11300	16200

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16S-R1		MW-2S-R2		MW-3S-R2		MW-4S-R2		MW-5S-R2		MW-6S-R2	
				Location	Background		MW-2S		MW-3S		MW-4S		MW-5S		MW-6S	
				Sample Date	5/23/2002		5/16/2002		5/15/2002		5/16/2002		5/16/2002		5/16/2002	
7439-96-5	Manganese	ILM04-1-M	ug/l		61.4		1.6	B	325		446		870		58.1	
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l		2.7	B	1.7	U	1.7	U	1.7	U	1.7	U	20.6	B
7440-09-7	Potassium	ILM04-1-M	ug/l		2730	B	2880	B	6280		2050	B	2430	B	1980	B
7782-49-2	Selenium	ILM04-1-M	ug/l		3	B	2.2	UJ	2.2	U	2.2	UJ	2.2	UJ	2.2	UJ
7440-22-4	Silver	ILM04-1-M	ug/l		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		31800	J	24000		48600		6860		16600		8640	
7440-28-0	Thallium	ILM04-1-M	ug/l		3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	3.5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l		0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	1.6	B
7440-66-6	Zinc	ILM04-1-M	ug/l		4.9	B	3.5	B	1.4	U	1.8	B	1.4	U	5.6	B
57-12-5	Cyanide	ILM04-1-CN	ug/l		2.1	BJ	0.93	B	0.7	U	1.1	B	0.7	U	3.2	B
6-WetChem	**Wet Chemistry**															
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		390		230		340		300		340		240	
CACOA-H	Hardness as CaCO3	SM2340B	mg/l													
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		6		6		7		6		4		3	U
COD	Chemical Oxygen Demand	SM5220D	mg/l		30	U	30	U	30	U	30	U	30	U	30	U
TOC	Total Organic Carbon	MCAWW415-1	mg/l		19		24		21		23		21		17	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.03	U	0.04		0.03	U	0.04		0.04		0.04	
CL	Chloride	MCAWW325-3	mg/l		66		47		120		11		30		11	
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.4		0.2	U	0.4		0.2	U	0.5		0.2	U
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		2.8		2		1.3		0.05	U	0.05	U	2.1	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		1.5		0.5	U	3.7		0.5	U	0.6		0.5	U
SO4	Sulfate	MCAWW375-	mg/l		47		26		22		54		66		62	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		470		350		520		340		390		310	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		10	U	10	U	10	U	10	U	11		33	
pH	pH	SW9045C	S.U.													

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-7S-R2	MW-8S-R2	MW-9S-R2	MW-10S-R2	MW-11S-R2	MW-12S-R2
				Location	MW-7S	MW-8S	MW-9S	MW-10S	MW-11S	MW-12S
				Sample Date	5/16/2002	5/21/2002	5/15/2002	5/15/2002	5/14/2002	5/15/2002
1-LCVOANew	**50 Analytes Method Code OLC03-2-V**									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-87-3	Chloromethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
74-83-9	Bromomethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-00-3	Chloroethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-64-1	Acetone	OLC03-2-V	ug/l		5 U	5 U	5 U	5 U	5 U	5 U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-20-9	Methyl Acetate	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 R	0.5 U
75-09-2	Methylene Chloride	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/l		0.5 UJ	0.5 U	1.2 J	7.2 J	4.4	0.5 UJ
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-93-3	2-Butanone	OLC03-2-V	ug/l		5 U	5 U	5 U	5 U	5 U	5 U
74-97-5	Bromochloromethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
67-66-3	Chloroform	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
110-82-7	Cyclohexane	OLC03-2-V	ug/l		0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
71-43-2	Benzene	OLC03-2-V	ug/l		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-01-6	Trichloroethene	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
108-87-2	Metylcyclohexane	OLC03-2-V	ug/l		0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/l		5 U	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/l		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
591-78-6	2-Hexanone	OLC03-2-V	ug/l		5 U	5 UJ	5 U	5 U	5 U	5 U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/l		0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MW-7S-R2 MW-7S 5/16/2002	MW-8S-R2 MW-8S 5/21/2002	MW-9S-R2 MW-9S 5/15/2002	MW-10S-R2 MW-10S 5/15/2002	MW-11S-R2 MW-11S 5/14/2002	MW-12S-R2 MW-12S 5/15/2002
108-90-7	Chlorobenzene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-41-4	Ethylbenzene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
100-42-5	Styrene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
75-25-2	Bromoform	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/l	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/l	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-7S-R2		MW-8S-R2		MW-9S-R2		MW-10S-R2		MW-11S-R2		MW-12S-R2	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/16/2002		5/21/2002		5/15/2002		5/15/2002		5/14/2002		5/15/2002	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**															
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-7S-R2		MW-8S-R2		MW-9S-R2		MW-10S-R2		MW-11S-R2		MW-12S-R2	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/16/2002		5/21/2002		5/15/2002		5/15/2002		5/14/2002		5/15/2002	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**															
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	0.6	J	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	UJ	25	U	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	10	UJ	10	U	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	U	25	UJ	25	UJ	25	UJ	25	U	25	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	140	D	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	UJ	10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U	10	U
4-P/PCBs-w	**Pesticide/PCB Organics**															
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

Hiteman Leather Site
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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-7S-R2		MW-8S-R2		MW-9S-R2		MW-10S-R2		MW-11S-R2		MW-12S-R2	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/16/2002		5/21/2002		5/15/2002		5/15/2002		5/14/2002		5/15/2002	
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5	U	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2	U	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
5-Inorg-w	**Inorganic Analytes**															
7429-90-5	Aluminum	ILM04-1-M	ug/l		26.2	B	18.5	U	504	R	103	B	159	B	147	B
7440-36-0	Antimony	ILM04-1-M	ug/l		3.8	U	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U
7440-38-2	Arsenic	ILM04-1-M	ug/l		3	U	3	U	7.2	B	5.3	B	3	U	4.4	B
7440-39-3	Barium	ILM04-1-M	ug/l		33.9	B	18.4	B	113	B	100	B	76.6	B	163	B
7440-41-7	Beryllium	ILM04-1-M	ug/l		0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
7440-43-9	Cadmium	ILM04-1-M	ug/l		0.5	U	0.5	U	0.5	B	0.5	U	0.5	U	0.5	U
7440-70-2	Calcium	ILM04-1-M	ug/l		87400		128000		108000		105000		98700		128000	
7440-47-3	Chromium	ILM04-1-M	ug/l		2	B	0.8	U	4.7	B	0.8	U	3.1	B	9.3	B
7440-48-4	Cobalt	ILM04-1-M	ug/l		1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
7440-50-8	Copper	ILM04-1-M	ug/l		1.4	B	1.4	U	2.1	B	1.4	U	1.4	U	2.8	B
7439-89-6	Iron	ILM04-1-M	ug/l		17	U	26.6	B	1000		1460		2300		8710	
7439-92-1	Lead	ILM04-1-M	ug/l		2.8	U	2.8	U	2.8	U	2.8	U	2.8	U	3.8	
7439-95-4	Magnesium	ILM04-1-M	ug/l		9660		38700		13000		11600		9760		7680	

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-7S-R2		MW-8S-R2		MW-9S-R2		MW-10S-R2		MW-11S-R2		MW-12S-R2	
				Location	MW-7S		MW-8S		MW-9S		MW-10S		MW-11S		MW-12S	
				Sample Date	5/16/2002		5/21/2002		5/15/2002		5/15/2002		5/14/2002		5/15/2002	
7439-96-5	Manganese	ILM04-1-M	ug/l		0.4	U	32.7		254		1250		513		390	
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l		1.7	U	1.7	U	3.6	B	1.7	U	1.7	U	1.9	B
7440-09-7	Potassium	ILM04-1-M	ug/l		2070	B	2700	B	2850	B	2820	B	2620	B	5290	
7782-49-2	Selenium	ILM04-1-M	ug/l		2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
7440-22-4	Silver	ILM04-1-M	ug/l		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		8630		20700		18200		18200		14700		35300	
7440-28-0	Thallium	ILM04-1-M	ug/l		3.5	U	3.5	U	3.5	U	3.5	U	3.5	U	4	B
7440-62-2	Vanadium	ILM04-1-M	ug/l		0.7	U	0.7	U	0.98	B	0.7	U	0.7	U	0.7	U
7440-66-6	Zinc	ILM04-1-M	ug/l		1.4	U	1.4	U	5.4	B	1.4	U	1.4	U	57.7	
57-12-5	Cyanide	ILM04-1-CN	ug/l		1.7	B	1.6	B	1.4	B	0.76	B	1.3	B	1.4	B
6-WetChem	**Wet Chemistry**															
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		220		220		240		260		320		330	
CACOA-H	Hardness as CaCO3	SM2340B	mg/l													
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		5		9		4		3	U	14		12	
COD	Chemical Oxygen Demand	SM5220D	mg/l		30	U	30	U	30	U	30	U	580		30	U
TOC	Total Organic Carbon	MCAWW415-1	mg/l		14		18		17		18		17		37	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.03	U	0.03	U	0.03		0.03	U	0.03		0.03	U
CL	Chloride	MCAWW325-3	mg/l		17	U	42		34		37		31		5	U
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.2		0.4		0.2	U	0.2	U	0.5		8	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		1.3		10	U	1.1	U	0.5	U	0.5	U	2.5	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		0.5	U	0.5	U	0.5		0.5	U	0.5	U	10	
SO4	Sulfate	MCAWW375-	mg/l		28		310		61		68		75		26	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		290		620		350		370		370		470	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		10	U	15		15	U	10		10		18	
pH	pH	SW9045C	S.U.													

Hiteman Leather Site
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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-13S-R2		MW-14S-R2		MW-15S-R2		RMW-17S-R1		RMW-18S-R1	
				Location	MW-13S		MW-14S		MW-15S		RMW-17S		RMW-18S	
				Sample Date	5/14/2002		5/14/2002		5/15/2002		5/21/2002		5/23/2002	
1-LCVOANew	**50 Analytes Method Code OLC03-2-V**													
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	OLC03-2-V	ug/l		5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	OLC03-2-V	ug/l		0.5	U	0.5	R	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	OLC03-2-V	ug/l		5	U	5	U	5	U	5	U	5	U
74-97-5	Bromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	OLC03-2-V	ug/l		24		0.5	U	0.5	U	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
71-43-2	Benzene	OLC03-2-V	ug/l		1.6	J	0.5	U	0.5	U	0.5	UJ	0.5	UJ
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-01-6	Trichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Metylcyclohexane	OLC03-2-V	ug/l		6.8		0.5	U	0.5	U	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/l		5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	OLC03-2-V	ug/l		0.33	J	3.8		0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
591-78-6	2-Hexanone	OLC03-2-V	ug/l		5	U	5	U	5	U	5	UJ	5	U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-13S-R2		MW-14S-R2		MW-15S-R2		RMW-17S-R1		RMW-18S-R1	
				Location	MW-13S		MW-14S		MW-15S		RMW-17S		RMW-18S	
				Sample Date	5/14/2002		5/14/2002		5/15/2002		5/21/2002		5/23/2002	
108-90-7	Chlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	OLC03-2-V	ug/l		0.5	U	0.43	J	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/l		0.5	U	3.4		0.5	U	0.5	U	0.5	U
100-42-5	Styrene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.5	U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/l		14	J	0.5	U	0.5	U	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	UJ

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-13S-R2		MW-14S-R2		MW-15S-R2		RMW-17S-R1		RMW-18S-R1	
				Location	MW-13S		MW-14S		MW-15S		RMW-17S		RMW-18S	
				Sample Date	5/14/2002		5/14/2002		5/15/2002		5/21/2002		5/23/2002	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**													
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10	U	10	U	10	UJ	10	UJ	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-13S-R2		MW-14S-R2		MW-15S-R2		RMW-17S-R1		RMW-18S-R1	
				Location	MW-13S		MW-14S		MW-15S		RMW-17S		RMW-18S	
				Sample Date	5/14/2002		5/14/2002		5/15/2002		5/21/2002		5/23/2002	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**													
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	U	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	UJ	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	UJ	25	UJ	25	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	10	U	10	U	10	U	10	U
4-P/PCBs-w	**Pesticide/PCB Organics**													
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MW-13S-R2 MW-13S 5/14/2002		MW-14S-R2 MW-14S 5/14/2002		MW-15S-R2 MW-15S 5/15/2002		RMW-17S-R1 RMW-17S 5/21/2002		RMW-18S-R1 RMW-18S 5/23/2002	
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1	U	1	U	1	U	1	U	1	U
5-Inorg-w	**Inorganic Analytes**												
7429-90-5	Aluminum	ILM04-1-M	ug/l	262	R	636	R	186	B	107	B	183	B
7440-36-0	Antimony	ILM04-1-M	ug/l	3.8	U	3.8	U	3.8	U	3.8	U	3.8	U
7440-38-2	Arsenic	ILM04-1-M	ug/l	3	U	3	U	3	U	4.2	B	3	U
7440-39-3	Barium	ILM04-1-M	ug/l	91	B	142	B	101	B	93.6	B	123	B
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.5	U	0.75	B	0.5	U	0.5	U	0.5	U
7440-70-2	Calcium	ILM04-1-M	ug/l	107000		124000		105000		332000		123000	
7440-47-3	Chromium	ILM04-1-M	ug/l	0.8	U	2.3	B	0.8	U	0.8	U	0.8	U
7440-48-4	Cobalt	ILM04-1-M	ug/l	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
7440-50-8	Copper	ILM04-1-M	ug/l	1.4	U	4.3	B	1.4	U	1.4	U	1.5	B
7439-89-6	Iron	ILM04-1-M	ug/l	3500		1100		342		412		17	U
7439-92-1	Lead	ILM04-1-M	ug/l	2.8	U	2.8	U	2.8	U	2.8	U	2.8	UJ
7439-95-4	Magnesium	ILM04-1-M	ug/l	8960		12200		28600		137000		8340	

Hiteman Leather Site
Shallow Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod Location Sample Date	MW-13S-R2 MW-13S 5/14/2002		MW-14S-R2 MW-14S 5/14/2002		MW-15S-R2 MW-15S 5/15/2002		RMW-17S-R1 RMW-17S 5/21/2002		RMW-18S-R1 RMW-18S 5/23/2002	
7439-96-5	Manganese	ILM04-1-M	ug/l		734		1960		735		1000		4.7	B
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l		1.7	U	4.3	B	2.1	B	1.7	U	1.7	U
7440-09-7	Potassium	ILM04-1-M	ug/l		2620	B	6390		2800	B	6890	J	6170	J
7782-49-2	Selenium	ILM04-1-M	ug/l		2.2	U	2.2	U	2.2	UJ	2.2	U	2.2	U
7440-22-4	Silver	ILM04-1-M	ug/l		1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		44600		69900		20700		86100		16200	J
7440-28-0	Thallium	ILM04-1-M	ug/l		5.1	B	4	B	6	B	3.5	U	3.5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l		0.7	U	0.88	B	0.7	U	0.7	U	0.7	U
7440-66-6	Zinc	ILM04-1-M	ug/l		2.3	B	29		1.8	B	2.4	B	3.6	B
57-12-5	Cyanide	ILM04-1-CN	ug/l		0.96	B	1.1	B	1.2	B	1.3	B	1.4	BJ
6-WetChem	**Wet Chemistry**													
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		270		250		250		220		360	
CACOA-H	Hardness as CaCO3	SM2340B	mg/l											
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		16		13		3	U	23		3	U
COD	Chemical Oxygen Demand	SM5220D	mg/l		30	U	30	U	30	U	34		30	U
TOC	Total Organic Carbon	MCAWW415-1	mg/l		22		29		15		23		15	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.04		0.03	U	0.05		0.03	U	0.03	U
CL	Chloride	MCAWW325-3	mg/l		110		190		39		150		79	
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.5		0.4		0.2	U	0.9		0.3	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		2.5	U	0.88		0.07		0.5	U	4.9	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		0.5	U	1.5		0.6		0.5	U	1.5	
SO4	Sulfate	MCAWW375-	mg/l		20		30		150		780		23	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		460		610		500		1800		410	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		10	U	63		10	U	10	U	10	U
pH	pH	SW9045C	S.U.											

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MW-4D MW-4D 5/23/2001		MW-5D MW-5D 5/23/2001		MW-6D MW-6D 5/24/2001		MW-10D MW-10D 5/22/2001		MW-10D-DUP MW-10D 5/21/2001		MW-11D MW-11D 11/8/2001	
1-LowCnVOA 41 Analytes Method Code OLC02-1-V															
74-87-3	Chloromethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
75-01-4	Vinyl Chloride	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
74-83-9	Bromomethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
75-00-3	Chloroethane	OLC02-1-V	ug/l	0.5	J	1	U	1	U	1	U	1	U		
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
67-64-1	Acetone	OLC02-1-V	ug/l	5	R	5	R	5	R	5	R	5	R		
75-15-0	Carbon Disulfide	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
75-09-2	Methylene Chloride	OLC02-1-V	ug/l	2	U	2	U	2	U	2	U	2	U		
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
78-93-3	2-Butanone	OLC02-1-V	ug/l	5	R	5	R	5	R	5	R	5	R		
67-66-3	Chloroform	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
71-43-2	Benzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
79-01-6	Trichloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
75-27-4	Bromodichloromethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/l	5	U	5	U	5	U	5	U	5	U		
108-88-3	Toluene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
127-18-4	Tetrachloroethene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
591-78-6	2-Hexanone	OLC02-1-V	ug/l	5	U	5	U	5	U	5	U	5	U		
124-48-1	Dibromochloromethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
108-90-7	Chlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
100-41-4	Ethylbenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
1330-20-7	Xylenes (total)	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
100-42-5	Styrene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
75-25-2	Bromoform	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
74-97-5	Bromochloromethane	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U•		
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/l	1	R	1	R	1	R	1	R	1	R		
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/l	1	U	1	U	1	U	1	U	1	U		

Hiteman Leather Site
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Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MW-4D MW-4D 5/23/2001		MW-5D MW-5D 5/23/2001		MW-6D MW-6D 5/24/2001		MW-10D MW-10D 5/22/2001		MW-10D-DUP MW-10D 5/21/2001		MW-11D MW-11D 11/8/2001	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**														
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10	UJ	11	UJ	10	UJ	10	UJ	10	UJ		
108-95-2	Phenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10	UJ	11	UJ	10	U	10	U	10	U		
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10	U	11	U	10	UJ	10	UJ	10	UJ		
78-59-1	Isophorone	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10	U	11	U	10	UJ	10	U	10	U		
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	26	U	28	U	25	U	25	U	25	U		
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	26	U	28	U	25	U	25	U	25	U		
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	26	U	28	U	25	U	25	U	25	U		
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10	U	11	U	10	U	10	U	10	U		

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Cas Rn	Chemical Name	Analytic Method	Unit \\	Sample Cod Location Sample Date	MW-4D MW-4D 5/23/2001	MW-5D MW-5D 5/23/2001	MW-6D MW-6D 5/24/2001	MW-10D MW-10D 5/22/2001	MW-10D-DUP MW-10D 5/21/2001	MW-11D MW-11D 11/8/2001
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**									
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		26 U	28 U	25 UJ	25 UJ	25 UJ	
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		26 UJ	28 UJ	25 UJ	25 UJ	25 UJ	
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
86-73-7	Fluorene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		26 UJ	28 UJ	25 UJ	25 U	25 U	
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		26 U	28 U	25 U	25 U	25 U	
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10 R	11 R	10 R	10 R	10 R	
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		26 U	28 U	25 U	25 UJ	25 UJ	
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
120-12-7	Anthracene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
86-74-8	Carbazole	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
129-00-0	Pyrene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10 UJ	11 UJ	10 U	10 U	10 U	
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
218-01-9	Chrysene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	4 J	
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 UJ	10 UJ	
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10 U	11 U	10 UJ	10 UJ	10 UJ	
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10 U	11 U	10 U	10 U	10 U	

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod Location Sample Date	MW-4D MW-4D 5/23/2001	MW-5D MW-5D 5/23/2001	MW-6D MW-6D 5/24/2001	MW-10D MW-10D 5/22/2001	MW-10D-DUP MW-10D 5/21/2001	MW-11D MW-11D 11/8/2001
4-P/PCBs-w	**Pesticide/PCB Organics**									
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5 U	5 U	5 U	5 U	5 U	
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2 U	2 U	2 U	2 U	2 U	
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1 U	1 U	1 U	1 U	1 U	

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Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MW-4D MW-4D 5/23/2001		MW-5D MW-5D 5/23/2001		MW-6D MW-6D 5/24/2001		MW-10D MW-10D 5/22/2001		MW-10D-DUP MW-10D 5/21/2001		MW-11D MW-11D 11/8/2001	
5-Inorg-w	**Inorganic Analytes**														
7429-90-5	Aluminum	ILM04-1-M	ug/l	813		960		75.7	B	123	B	74.7	B	17000	J
7440-36-0	Antimony	ILM04-1-M	ug/l	4.9	B	3.3	B	2	U	6	U	6	U	2.5	UJ
7440-38-2	Arsenic	ILM04-1-M	ug/l	3.1	B	3.8	B	2	U	3	U	3	U	12.5	
7440-39-3	Barium	ILM04-1-M	ug/l	136	B	131	B	90.1	B	63.2	B	62.2	B	232	J
7440-41-7	Beryllium	ILM04-1-M	ug/l	1	U	1	U	1	U	1	U	1	U	1.3	B
7440-43-9	Cadmium	ILM04-1-M	ug/l	1	U	1	U	1	U	1	U	1	U	0.4	U
7440-70-2	Calcium	ILM04-1-M	ug/l	175000		149000		97000		107000		101000		221000	J
7440-47-3	Chromium	ILM04-1-M	ug/l	28.4		8.3	B	2	U	2	U	2	U	238	J
7440-48-4	Cobalt	ILM04-1-M	ug/l	4	U	4	U	4	U	2	U	2	U	13.1	B
7440-50-8	Copper	ILM04-1-M	ug/l	3	B	1.2	B	1	U	2	U	2	U	36.5	
7439-89-6	Iron	ILM04-1-M	ug/l	3400	*	3500	*	151		847		756		37000	J
7439-92-1	Lead	ILM04-1-M	ug/l	1	U	1	U	1	U	2	UNJ	2	UNJ	18.2	
7439-95-4	Magnesium	ILM04-1-M	ug/l	27500		24600		12400		23500		22500		37600	J
7439-96-5	Manganese	ILM04-1-M	ug/l	227		161		7.8	B	47.2		44.5		698	J
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1	U	0.1	U	0.15	B	0.52	NJ	0.49	NJ	0.1	UJ
7440-02-0	Nickel	ILM04-1-M	ug/l	37	B	5.5	B	1	U	2	U	2	U	37.2	B
7440-09-7	Potassium	ILM04-1-M	ug/l	1010	BE	1280	BE	1700	B	1140	B	1100	B	5140	J
7782-49-2	Selenium	ILM04-1-M	ug/l	2	U	2	U	2.2	B	3	U	3	U	2.2	UJ
7440-22-4	Silver	ILM04-1-M	ug/l	1	U	1	U	1	U	3	U	3	U	0.9	U
7440-23-5	Sodium	ILM04-1-M	ug/l	5810		6760		6910	R	9530		9350		12100	J
7440-28-0	Thallium	ILM04-1-M	ug/l	4.2	B	3	B	3	U	5	U	5	U	3.5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l	2.8	B	2.6	B	1	U	3	U	3	U	31.7	B
7440-66-6	Zinc	ILM04-1-M	ug/l	7.9	B	5.4	B	2	U*J	1	U	5.1	B	104	J
57-12-5	Cyanide	ILM04-1-CN	ug/l	3.3	B	3.1	B	3.2	B	3.1	B	3.6	B	1.9	U

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Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-4D		MW-5D		MW-6D		MW-10D		MW-10D-DUP		MW-11D	
				Location	MW-4D		MW-5D		MW-6D		MW-10D		MW-10D		MW-11D	
				Sample Date	5/23/2001		5/23/2001		5/24/2001		5/22/2001		5/21/2001		11/8/2001	
6-WetChem	**Wet Chemistry**															
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		240		220		220		240		250			
CACOA-H	Hardness as CaCO3	SM2340B	mg/l													
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		3	UJ	3	UJ	6	U	6	U	6	U		
COD	Chemical Oxygen Demand	SM5220D	mg/l		10	U	10	U	10	U	10	U	10	U		
TOC	Total Organic Carbon	MCAWW415-1	mg/l		27		25		13	J	10	U	10	U		
18540-29-9	Chromium (Hexavalent Compour	SW7196A	mg/l		0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	UJ
CL	Chloride	MCAWW325-3	mg/l		13		14		17		16		14			
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.8		0.6		0.2	U	0.2	U	0.2	U		
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		4	U	8	U	4	U	4	U	4	U		
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		0.9	U	0.9	U	0.9		0.9	U	0.9	U		
SO4	Sulfate	MCAWW375-	mg/l		55		63		35		110		130			
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		310		310		310		410		410			
TSS	Total Suspended Solids	MCAWW160-2	mg/l		1300		440		12		29		55			
pH	pH	SW9045C	S.U.													

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-11D-DUP		MW-13D	
				Location	MW-11D		MW-13D	
				Sample Date	11/8/2001		5/21/2001	
1-LowCnVOA 41 Analytes Method Code OLC02-1-V								
74-87-3	Chloromethane	OLC02-1-V	ug/l				1	U
75-01-4	Vinyl Chloride	OLC02-1-V	ug/l				1	U
74-83-9	Bromomethane	OLC02-1-V	ug/l				1	U
75-00-3	Chloroethane	OLC02-1-V	ug/l				1	U
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/l				1	U
67-64-1	Acetone	OLC02-1-V	ug/l				3	J
75-15-0	Carbon Disulfide	OLC02-1-V	ug/l				1	U
75-09-2	Methylene Chloride	OLC02-1-V	ug/l				2	U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/l				1	U
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/l				1	U
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/l				1	U
78-93-3	2-Butanone	OLC02-1-V	ug/l				5	R
67-66-3	Chloroform	OLC02-1-V	ug/l				1	U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/l				1	U
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/l				1	U
71-43-2	Benzene	OLC02-1-V	ug/l				1	U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/l				1	U
79-01-6	Trichloroethene	OLC02-1-V	ug/l				1	U
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/l				1	U
75-27-4	Bromodichloromethane	OLC02-1-V	ug/l				1	U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/l				1	U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/l				5	U
108-88-3	Toluene	OLC02-1-V	ug/l				13	
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/l				1	U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/l				1	U
127-18-4	Tetrachloroethene	OLC02-1-V	ug/l				0.8	J
591-78-6	2-Hexanone	OLC02-1-V	ug/l				5	U
124-48-1	Dibromochloromethane	OLC02-1-V	ug/l				1	U
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/l				1	U
108-90-7	Chlorobenzene	OLC02-1-V	ug/l				1	U
100-41-4	Ethylbenzene	OLC02-1-V	ug/l				1	U
1330-20-7	Xylenes (total)	OLC02-1-V	ug/l				1	U
100-42-5	Styrene	OLC02-1-V	ug/l				1	U
75-25-2	Bromoform	OLC02-1-V	ug/l				1	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/l				1	U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/l				1	U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/l				1	U
74-97-5	Bromochloromethane	OLC02-1-V	ug/l				1	U
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/l				1	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/l				1	R
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/l				1	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 1

			Sample Cod	MW-11D-DUP		MW-13D	
			Location	MW-11D		MW-13D	
			Sample Date	11/8/2001		5/21/2001	
Cas Rn	Chemical Name	Analytic Metho	Unit \\				
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**						
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l			10	UJ
108-95-2	Phenol	OLM04-2-SV	ug/l			10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l			10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l			10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l			10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l			10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l			10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l			10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l			10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l			10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l			10	UJ
78-59-1	Isophorone	OLM04-2-SV	ug/l			10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l			10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l			10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l			10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l			10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l			10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l			10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l			10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l			10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l			10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l			10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l			10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l			10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l			25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l			10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l			10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l			25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l			10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l			10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l			10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l			25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l			10	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MW-11D-DUP MW-11D 11/8/2001		MW-13D MW-13D 5/21/2001	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l			25	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l			25	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l			10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l			10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l			10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l			10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l			10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l			25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l			25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l			10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l			10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l			10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l			10	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l			25	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/l			10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l			10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l			10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l			10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l			10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l			10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l			10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l			10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l			10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l			10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l			10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l			10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l			10	UJ
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l			10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l			10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l			10	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l			10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l			10	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MW-11D-DUP MW-11D 11/8/2001		MW-13D MW-13D 5/21/2001	
4-P/PCBs-w	**Pesticide/PCB Organics**						
319-84-6	alpha-BHC	OLM04-2-PP	ug/l			0.056	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l			0.056	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l			0.056	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l			0.056	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l			0.056	U
309-00-2	Aldrin	OLM04-2-PP	ug/l			0.056	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l			0.056	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l			0.056	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l			0.11	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l			0.11	U
72-20-8	Endrin	OLM04-2-PP	ug/l			0.11	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l			0.11	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l			0.11	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l			0.11	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l			0.11	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l			0.56	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l			0.11	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l			0.11	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l			0.056	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l			0.056	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l			5.6	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l			1.1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l			2.2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l			1.1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l			1.1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l			1.1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l			1.1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l			1.1	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	MW-11D-DUP MW-11D 11/8/2001		MW-13D MW-13D 5/21/2001	
5-Inorg-w	**Inorganic Analytes**						
7429-90-5	Aluminum	ILM04-1-M	ug/l	19400	J	3170	
7440-36-0	Antimony	ILM04-1-M	ug/l	2.5	UJ	6.9	B
7440-38-2	Arsenic	ILM04-1-M	ug/l	12.3		4	B
7440-39-3	Barium	ILM04-1-M	ug/l	253	J	138	B
7440-41-7	Beryllium	ILM04-1-M	ug/l	1.5	B	1	U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.4	U	1	U
7440-70-2	Calcium	ILM04-1-M	ug/l	243000	J	129000	
7440-47-3	Chromium	ILM04-1-M	ug/l	304	J	48.9	
7440-48-4	Cobalt	ILM04-1-M	ug/l	15.7	B	11.2	B
7440-50-8	Copper	ILM04-1-M	ug/l	42.4		5.8	B
7439-89-6	Iron	ILM04-1-M	ug/l	41200	J	5270	
7439-92-1	Lead	ILM04-1-M	ug/l	19.5		2	UNJ
7439-95-4	Magnesium	ILM04-1-M	ug/l	40500	J	18800	
7439-96-5	Manganese	ILM04-1-M	ug/l	799	J	198	
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1	J	0.56	NJ
7440-02-0	Nickel	ILM04-1-M	ug/l	41.8		39.3	B
7440-09-7	Potassium	ILM04-1-M	ug/l	5560	J	2330	B
7782-49-2	Selenium	ILM04-1-M	ug/l	2.2	UJ	3	U
7440-22-4	Silver	ILM04-1-M	ug/l	0.9	U	3	U
7440-23-5	Sodium	ILM04-1-M	ug/l	12000	J	6670	
7440-28-0	Thallium	ILM04-1-M	ug/l	3.5	U	5.4	B
7440-62-2	Vanadium	ILM04-1-M	ug/l	.37	B	6.7	B
7440-66-6	Zinc	ILM04-1-M	ug/l	126	J	18.7	B
57-12-5	Cyanide	ILM04-1-CN	ug/l	1.9	U	2.9	B

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 1

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	MW-11D-DUP			MW-13D		
				Location	MW-11D			MW-13D		
				Sample Date	11/8/2001			5/21/2001		
6-WetChem	**Wet Chemistry**									
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l					250		
CACOA-H	Hardness as CaCO3	SM2340B	mg/l							
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l					6	U	
COD	Chemical Oxygen Demand	SM5220D	mg/l					10	U	
TOC	Total Organic Carbon	MCAWW415-1	mg/l					10	U	
18540-29-9	Chromium (Hexavalent Compour	SW7196A	mg/l		0.02	UJ		0.02	U	
CL	Chloride	MCAWW325-3	mg/l					15		
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l					0.2	U	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l					4	U	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l					0 9	U	
SO4	Sulfate	MCAWW375-	mg/l					37		
TDS	Total Dissolved Solids	MCAWW160-1	mg/l					300		
TSS	Total Suspended Solids	MCAWW160-2	mg/l					250		
pH	pH	SW9045C	S.U.							

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16D-R1		MW-4D-R2		MW-5D-R2		MW-6D-R2		RMW-9D-R1		MW-10D-R2	
				Location	RMW-16D		MW-4D		MW-5D		MW-6D		RMW-9D		MW-10D	
				Sample Date	5/22/2002		5/22/2002		5/15/2002		5/16/2002		5/21/2002		5/15/2002	
					Background											
1-LCVOANew	**50 Analytes Method Code OLC03-2-V**															
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	UJ
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-64-1	Acetone	OLC03-2-V	ug/l		5	U	5	U	5	U	5	U	5	U	5	U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-09-2	Methylene Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	OLC03-2-V	ug/l		5	U	5	U	5	U	5	U	5	U	5	U
74-97-5	Bromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	UJ
71-43-2	Benzene	OLC03-2-V	ug/l		0.5	UJ	0.5	UJ	0.5	U	0.5	U	0.5	UJ	0.5	U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-01-6	Trichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
108-87-2	Metylcyclohexane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/l		5	U	5	U	5	U	5	U	5	U	5	U
108-88-3	Toluene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
591-78-6	2-Hexanone	OLC03-2-V	ug/l		5	UJ	5	UJ	5	U	5	U	5	UJ	5	U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RMW-16D-R1 / RMW-16D / 5/22/2002 / Background		MW-4D-R2 / MW-4D / 5/22/2002		MW-5D-R2 / MW-5D / 5/15/2002		MW-6D-R2 / MW-6D / 5/16/2002		RMW-9D-R1 / RMW-9D / 5/21/2002		MW-10D-R2 / MW-10D / 5/15/2002	
108-90-7	Chlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
98-82-8	Isopropylbenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16D-R1	MW-4D-R2	MW-5D-R2	MW-6D-R2	RMW-9D-R1	MW-10D-R2
				Location	RMW-16D	MW-4D	MW-5D	MW-6D	RMW-9D	MW-10D
				Sample Date	5/22/2002	5/22/2002	5/15/2002	5/16/2002	5/21/2002	5/15/2002
					Background					
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**									
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10 U	10 U	10 U	1 J	10 U	10 U
108-95-2	Phenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10 U	10 U	10 UJ	10 U	10 UJ	10 UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 UJ	25 U	25 U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25 U	25 U	25 U	25 U	25 U	25 U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10 U	10 U	10 U	10 U	10 U	10 U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RMW-16D-R1		MW-4D-R2		MW-5D-R2		MW-6D-R2		RMW-9D-R1		MW-10D-R2	
			Location	RMW-16D		MW-4D		MW-5D		MW-6D		RMW-9D		MW-10D	
			Sample Date	5/22/2002		5/22/2002		5/15/2002		5/16/2002		5/21/2002		5/15/2002	
			Unit \\	Background											
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**														
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25	U	25	U	25	U	25	UJ	25	U	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25	U	25	U	25	U	25	U	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	0.6	J	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U	25	U	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25	U	25	U	25	U	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	UJ	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	UJ	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25	U	25	U	25	UJ	25	U	25	UJ	25	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	UJ	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	1	J
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10	U	10	U	10	U	10	U	10	U	10	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16D-R1		MW-4D-R2		MW-5D-R2		MW-6D-R2		RMW-9D-R1		MW-10D-R2	
				Location	RMW-16D		MW-4D		MW-5D		MW-6D		RMW-9D		MW-10D	
				Sample Date	5/22/2002		5/22/2002		5/15/2002		5/16/2002		5/21/2002		5/15/2002	
					Background											
4-P/PCBs-w	**Pesticide/PCB Organics**															
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5	U	5	U	5	U	5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2	U	2	U	2	U	2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1	U	1	U	1	U	1	U	1	U	1	U

Hiteman Leather Site
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Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16D-R1		MW-4D-R2		MW-5D-R2		MW-6D-R2		RMW-9D-R1		MW-10D-R2	
				Location	RMW-16D		MW-4D		MW-5D		MW-6D		RMW-9D		MW-10D	
				Sample Date	5/22/2002		5/22/2002		5/15/2002		5/16/2002		5/21/2002		5/15/2002	
					Background											
5-Inorg-w	**Inorganic Analytes**															
7429-90-5	Aluminum	ILM04-1-M	ug/l		1250	R	6020	R	2450	R	79.6	B	39100	J	928	R
7440-36-0	Antimony	ILM04-1-M	ug/l		3.8	U	3.8	U	3.8	U	3.8	U	3.8	UJ	3.8	U
7440-38-2	Arsenic	ILM04-1-M	ug/l		3	U	6.9	B	4.6	B	3.4	B	48.2	J	3.3	B
7440-39-3	Barium	ILM04-1-M	ug/l		110	B	174	B	152	B	73.1	B	414	J	79	B
7440-41-7	Beryllium	ILM04-1-M	ug/l		0.3	U	0.3	B	0.3	U	0.3	U	3.5	BJ	0.3	U
7440-43-9	Cadmium	ILM04-1-M	ug/l		0.5	U	0.5	U	0.5	U	0.5	U	0.92	BJ	0.5	U
7440-70-2	Calcium	ILM04-1-M	ug/l		43400		208000		170000		98500		2150000	J	125000	
7440-47-3	Chromium	ILM04-1-M	ug/l		3.3	B	18.5		1.5	B	0.8	U	139	J	8.7	B
7440-48-4	Cobalt	ILM04-1-M	ug/l		1.2	U	2.6	B	1.2	U	1.2	U	23.6	BJ	1.2	U
7440-50-8	Copper	ILM04-1-M	ug/l		1.8	B	14.6	B	5.8	B	1.4	U	126	J	3.1	B
7439-89-6	Iron	ILM04-1-M	ug/l		1450		12400		4830		1390		100000	J	2180	
7439-92-1	Lead	ILM04-1-M	ug/l		2.8	UJ	6.3	J	2.8	U	2.8	U	53.1	J	2.8	U
7439-95-4	Magnesium	ILM04-1-M	ug/l		15800		31900		26900		12000		244000	J	26500	
7439-96-5	Manganese	ILM04-1-M	ug/l		45.4		384		188		288		3870	J	87.4	
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	U	0.1	U	0.1	U	0.1	U	0.1	BJ	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l		3.1	B	16.7	B	4.3	B	1.7	U	154	J	6.6	B
7440-09-7	Potassium	ILM04-1-M	ug/l		1760	B	4270	B	2080	B	2700	B	8980	J	1610	B
7782-49-2	Selenium	ILM04-1-M	ug/l		2.2	U	3.7	B	2.2	U	2.2	UJ	2.2	UJ	2.2	U
7440-22-4	Silver	ILM04-1-M	ug/l		1.1	U	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		13500	J	8550	J	6900		15100		12700	J	8620	
7440-28-0	Thallium	ILM04-1-M	ug/l		3.5	U	3.5	U	3.5	U	3.5	U	3.5	UJ	3.5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l		2.1	B	13.1	B	5.4	B	0.7	U	95.5	J	1.7	B
7440-66-6	Zinc	ILM04-1-M	ug/l		7.9	B	38.5		11.8	B	1.4	U	253	J	4.8	B
57-12-5	Cyanide	ILM04-1-CN	ug/l		1.9	BJ	1.9	BJ	0.85	B	1.5	B	1.4	B	0.72	B

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16D-R1		MW-4D-R2		MW-5D-R2		MW-6D-R2		RMW-9D-R1		MW-10D-R2	
				Location	RMW-16D		MW-4D		MW-5D		MW-6D		RMW-9D		MW-10D	
				Sample Date	5/22/2002		5/22/2002		5/15/2002		5/16/2002		5/21/2002		5/15/2002	
					Background											
6-WetChem	**Wet Chemistry**															
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		210		320		250		320		300		210	
CACOA-H	Hardness as CaCO3	SM2340B	mg/l													
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		3	U	4		3	U	3	U	35		3	U
COD	Chemical Oxygen Demand	SM5220D	mg/l		30	U	30	U	30	U	30	U	30	U	30	U
TOC	Total Organic Carbon	MCAWW415-1	mg/l		14		28		23		20		38		19	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.03	U	0.03	U	0.04		0.04		0.03	U	0.03	U
CL	Chloride	MCAWW325-3	mg/l		5	U	10		11		33		11		13	
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.3		0.2	U	0.2	U	0.2	U	0.4		0.2	U
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		0.05	U	0.35		0.05	U	0.05	U	10	U	2.5	U
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		2.9		1.6		0.8		0.5	U	1.8		0.8	
SO4	Sulfate	MCAWW375-	mg/l		31		61		68		60		170		160	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		190		280		330		330		390		400	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		46		880		330	U	10	U	3200		130	
pH	pH	SW9045C	S.U.													

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod Location Sample Date	RMW-11D-R1 RMW-11D 5/14/2002		MW-13D-R2 MW-13D 5/14/2002		RMW-18D-R1 RMW-18D 5/23/2002	
1-LCVOANew	**50 Analytes Method Code OLC03-2-V**									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
67-64-1	Acetone	OLC03-2-V	ug/l		5	U	5	U	5	U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	OLC03-2-V	ug/l		0.5	R	0.5	U	0.5	U
75-09-2	Methylene Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	OLC03-2-V	ug/l		5	U	5	U	5	U
74-97-5	Bromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
71-43-2	Benzene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	UJ
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
79-01-6	Trichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
108-87-2	Metylcyclohexane	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/l		5	U	5	U	5	U
108-88-3	Toluene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
591-78-6	2-Hexanone	OLC03-2-V	ug/l		5	U	5	U	5	U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RMW-11D-R1 RMW-11D 5/14/2002		MW-13D-R2 MW-13D 5/14/2002		RMW-18D-R1 RMW-18D 5/23/2002	
108-90-7	Chlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/l	0.5	U	0.5	UJ	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/l	0.5	UJ	0.5	U	0.5	UJ

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-11D-R1		MW-13D-R2		RMW-18D-R1	
				Location	RMW-11D		MW-13D		RMW-18D	
				Sample Date	5/14/2002		5/14/2002		5/23/2002	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**									
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10	U	10	U	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10	U	10	U	10	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-11D-R1		MW-13D-R2		RMW-18D-R1	
				Location	RMW-11D		MW-13D		RMW-18D	
				Sample Date	5/14/2002		5/14/2002		5/23/2002	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**									
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	U	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	10	U	10	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-11D-R1		MW-13D-R2		RMW-18D-R1	
				Location	RMW-11D		MW-13D		RMW-18D	
				Sample Date	5/14/2002		5/14/2002		5/23/2002	
4-P/PCBs-w	**Pesticide/PCB Organics**									
319-84-6	alpha-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l		0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l		0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l		0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l		5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l		1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l		2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l		1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l		1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l		1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l		1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l		1	U	1	U	1	U

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-11D-R1		MW-13D-R2		RMW-18D-R1	
				Location	RMW-11D		MW-13D		RMW-18D	
				Sample Date	5/14/2002		5/14/2002		5/23/2002	
5-Inorg-w	**Inorganic Analytes**									
7429-90-5	Aluminum	ILM04-1-M	ug/l		98	B	110000	R	1310	R
7440-36-0	Antimony	ILM04-1-M	ug/l		3.8	U	3.8	UJ	3.8	U
7440-38-2	Arsenic	ILM04-1-M	ug/l		3	U	184	J	3	U
7440-39-3	Barium	ILM04-1-M	ug/l		59.8	B	853	J	79.5	B
7440-41-7	Beryllium	ILM04-1-M	ug/l		0.3	U	9.7	J	0.3	U
7440-43-9	Cadmium	ILM04-1-M	ug/l		0.5	U	3.9	BJ	0.5	U
7440-70-2	Calcium	ILM04-1-M	ug/l		81700		6280000	J	95700	
7440-47-3	Chromium	ILM04-1-M	ug/l		0.8	U	185	J	12.8	
7440-48-4	Cobalt	ILM04-1-M	ug/l		1.2	U	108	J	1.2	U
7440-50-8	Copper	ILM04-1-M	ug/l		1.4	U	452	J	2.9	B
7439-89-6	Iron	ILM04-1-M	ug/l		43.9	B	293000	J	1830	J
7439-92-1	Lead	ILM04-1-M	ug/l		2.8	U	176	J	2.8	UJ
7439-95-4	Magnesium	ILM04-1-M	ug/l		8180		491000	J	16300	J
7439-96-5	Manganese	ILM04-1-M	ug/l		6.2	B	9230	J	58.6	J
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	U	0.54	J	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l		1.7	U	323	J	11.3	B
7440-09-7	Potassium	ILM04-1-M	ug/l		2010	B	17500	J	2290	B
7782-49-2	Selenium	ILM04-1-M	ug/l		2.2	U	2.2	UJ	3.2	BJ
7440-22-4	Silver	ILM04-1-M	ug/l		1.1	U	1.1	UJ	1.1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		5010		15100	J	7060	J
7440-28-0	Thallium	ILM04-1-M	ug/l		3.5	U	3.5	UJ	3.5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l		0.7	U	251	J	2.3	B
7440-66-6	Zinc	ILM04-1-M	ug/l		1.4	U	760	J	6	B
57-12-5	Cyanide	ILM04-1-CN	ug/l		1.3	B	1.3	B	1.8	BJ

Hiteman Leather Site
Deep Overburden Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-11D-R1		MW-13D-R2		RMW-18D-R1	
				Location	RMW-11D		MW-13D		RMW-18D	
				Sample Date	5/14/2002		5/14/2002		5/23/2002	
6-WetChem	**Wet Chemistry**									
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		200		230		230	
CACOA-H	Hardness as CaCO3	SM2340B	mg/l							
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		3	U	100		3	
COD	Chemical Oxygen Demand	SM5220D	mg/l		30	U	40		30	U
TOC	Total Organic Carbon	MCAWW415-1	mg/l		16		250		10	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.03	U	0.03	U	0.03	U
CL	Chloride	MCAWW325-3	mg/l		10		11		11	
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.2	U	0.5		0.6	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		3.5		40	U	1.7	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		1.2		0.5	U	1.9	
SO4	Sulfate	MCAWW375-	mg/l		11		56		93	
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		260		310		320	
TSS	Total Suspended Solids	MCAWW160-2	mg/l		12		29000		69	
pH	pH	SW9045C	S.U.							

Hiteman Leather Site
Bedrock Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16B-R1		RMW-4B-R1		RMW-11B-R1	
				Location	RMW-16B		RMW-4B		RMW-11B	
				Sample Date	5/22/2002		5/16/2002		5/14/2002	
					Background					
1-LCVOANew	**50 Analytes Method Code OLC03-2-V**									
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
74-87-3	Chloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
74-83-9	Bromomethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-00-3	Chloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
67-64-1	Acetone	OLC03-2-V	ug/l		5	U	5	U	5	U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
79-20-9	Methyl Acetate	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	R
75-09-2	Methylene Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
78-93-3	2-Butanone	OLC03-2-V	ug/l		5	U	5	U	5	U
74-97-5	Bromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
67-66-3	Chloroform	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
110-82-7	Cyclohexane	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
71-43-2	Benzene	OLC03-2-V	ug/l		0.5	UJ	0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
79-01-6	Trichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
108-87-2	Metylcyclohexane	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	UJ	0.5	U
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/l		5	U	5	U	5	U
108-88-3	Toluene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
591-78-6	2-Hexanone	OLC03-2-V	ug/l		5	UJ	5	U	5	U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/l		0.5	U	0.5	U	0.5	U

Hiteman Leather Site
Bedrock Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RMW-16B-R1 RMW-16B 5/22/2002 Background		RMW-4B-R1 RMW-4B 5/16/2002		RMW-11B-R1 RMW-11B 5/14/2002	
108-90-7	Chlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
100-41-4	Ethylbenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
1330-20-7	Xylenes (total)	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
100-42-5	Styrene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
75-25-2	Bromoform	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
98-82-8	Isopropylbenzene	OLC03-2-V	ug/l	0.5	U	0.5	UJ	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	U
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/l	0.5	U	0.5	U	0.5	UJ

Hiteman Leather Site
Bedrock Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	RMW-16B-R1		RMW-4B-R1		RMW-11B-R1	
			Location	RMW-16B		RMW-4B		RMW-11B	
			Sample Date	5/22/2002		5/16/2002		5/14/2002	
			Unit \\	Background					
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**								
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10	U	10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10	U	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10	U	10	UJ	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10	U	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10	U	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10	U	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10	U	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10	U	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10	U	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10	U	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10	U	10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10	U	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10	U	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10	U	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10	U	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10	U	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25	U	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10	U	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10	U	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10	U	10	U	10	U

Hiteman Leather Site
Bedrock Monitoring Well Samples
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Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RMW-16B-R1 RMW-16B 5/22/2002 Background		RMW-4B-R1 RMW-4B 5/16/2002		RMW-11B-R1 RMW-11B 5/14/2002	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**								
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25	U	25	U	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25	U	25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10	U	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10	U	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25	U	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10	U	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10	U	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10	U	10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25	U	25	UJ	25	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10	U	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10	U	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10	U	10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10	U	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10	U	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10	U	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10	U	10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10	U	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10	U	10	U	10	U

Hiteman Leather Site
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Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	RMW-16B-R1 RMW-16B 5/22/2002 Background		RMW-4B-R1 RMW-4B 5/16/2002		RMW-11B-R1 RMW-11B 5/14/2002	
4-P/PCBs-w	**Pesticide/PCB Organics**								
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5	U	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1	U	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5	U	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1	U	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2	U	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1	U	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1	U	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1	U	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1	U	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1	U	1	U	1	U

Hiteman Leather Site
Bedrock Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16B-R1		RMW-4B-R1		RMW-11B-R1	
				Location	RMW-16B		RMW-4B		RMW-11B	
				Sample Date	5/22/2002		5/16/2002		5/14/2002	
					Background					
5-Inorg-w	**Inorganic Analytes**									
7429-90-5	Aluminum	ILM04-1-M	ug/l		197	B	18.5	U	102	B
7440-36-0	Antimony	ILM04-1-M	ug/l		3.8	U	3.8	U	3.8	U
7440-38-2	Arsenic	ILM04-1-M	ug/l		3	U	3	U	3	U
7440-39-3	Barium	ILM04-1-M	ug/l		51.5	B	83	B	86.2	B
7440-41-7	Beryllium	ILM04-1-M	ug/l		0.3	U	0.3	U	0.3	U
7440-43-9	Cadmium	ILM04-1-M	ug/l		0.5	U	0.5	U	0.5	U
7440-70-2	Calcium	ILM04-1-M	ug/l		74000		83600		80900	
7440-47-3	Chromium	ILM04-1-M	ug/l		0.8	U	0.8	U	0.8	U
7440-48-4	Cobalt	ILM04-1-M	ug/l		1.2	U	1.2	U	1.2	U
7440-50-8	Copper	ILM04-1-M	ug/l		1.4	U	1.4	U	1.5	B
7439-89-6	Iron	ILM04-1-M	ug/l		17	U	17	U	54.1	B
7439-92-1	Lead	ILM04-1-M	ug/l		2.8	U	2.8	U	2.8	U
7439-95-4	Magnesium	ILM04-1-M	ug/l		14700		9920		13100	
7439-96-5	Manganese	ILM04-1-M	ug/l		5.8	B	1.9	B	11.3	B
7439-97-6	Mercury	ILM04-1-M	ug/l		0.1	U	0.1	U	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l		2.5	B	1.7	U	2.4	B
7440-09-7	Potassium	ILM04-1-M	ug/l		1780	B	1800	B	1740	B
7782-49-2	Selenium	ILM04-1-M	ug/l		2.6	B	2.2	U	2.2	U
7440-22-4	Silver	ILM04-1-M	ug/l		1.1	U	1.1	U	1.1	U
7440-23-5	Sodium	ILM04-1-M	ug/l		7000	J	5290		5840	
7440-28-0	Thallium	ILM04-1-M	ug/l		3.9	B	3.5	U	3.5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l		0.7	U	0.7	U	0.7	U
7440-66-6	Zinc	ILM04-1-M	ug/l		4	B	1.4	U	1.4	U
57-12-5	Cyanide	ILM04-1-CN	ug/l		1.8	BJ	1.2	B	1.9	B

Hiteman Leather Site
Bedrock Monitoring Well Samples
Field Activity 2

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	RMW-16B-R1			RMW-4B-R1			RMW-11B-R1		
				Location	RMW-16B			RMW-4B			RMW-11B		
				Sample Date	5/22/2002			5/16/2002			5/14/2002		
					Background								
6-WetChem	**Wet Chemistry**												
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l		220			280			270		
CACOA-H	Hardness as CaCO3	SM2340B	mg/l										
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l		14			3	U		5		
COD	Chemical Oxygen Demand	SM5220D	mg/l		30	U		30	U		30	U	
TOC	Total Organic Carbon	MCAWW415-1	mg/l		16			15			13		
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l		0.03	U		0.03			0.04		
CL	Chloride	MCAWW325-3	mg/l		10			10			11		
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l		0.2	U		0.2	U		0.4		
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l		2.2			2.7			2.7		
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l		1.5			0.5	U		0.5	U	
SO4	Sulfate	MCAWW375-	mg/l		43			31			34		
TDS	Total Dissolved Solids	MCAWW160-1	mg/l		260			290			280		
TSS	Total Suspended Solids	MCAWW160-2	mg/l		10	U		10	U		10	U	
pH	pH	SW9045C	S.U.										

Hiteman Leather Site
Residential Well Samples

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	TAP-123SOUTH-GW		TAP-371MILL-GW	
				Location	TAP-123SOUTH		TAP-371MILL	
				Sample Date	5/16/2002		5/16/2002	
1-LCVOANew	**50 Analytes Method Code OLC03-2-V**							
75-71-8	Dichlorodifluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U
74-87-3	Chloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U
75-01-4	Vinyl Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U
74-83-9	Bromomethane	OLC03-2-V	ug/l		0.5	U	0.5	U
75-00-3	Chloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U
75-69-4	Trichlorofluoromethane	OLC03-2-V	ug/l		0.5	U	0.5	U
75-35-4	1,1-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethar	OLC03-2-V	ug/l		0.5	U	0.5	U
67-64-1	Acetone	OLC03-2-V	ug/l		5	U	5	U
75-15-0	Carbon Disulfide	OLC03-2-V	ug/l		0.5	U	0.5	U
79-20-9	Methyl Acetate	OLC03-2-V	ug/l		0.5	U	0.5	U
75-09-2	Methylene Chloride	OLC03-2-V	ug/l		0.5	U	0.5	U
156-60-5	trans-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U
1634-04-4	Methyl Tert-Butyl Ether	OLC03-2-V	ug/l		0.5	UJ	0.5	UJ
75-34-3	1,1-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U
156-59-2	cis-1,2-Dichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U
78-93-3	2-Butanone	OLC03-2-V	ug/l		5	U	5	U
74-97-5	Bromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U
67-66-3	Chloroform	OLC03-2-V	ug/l		0.5	U	0.5	U
71-55-6	1,1,1-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U
110-82-7	Cyclohexane	OLC03-2-V	ug/l		0.5	UJ	0.5	UJ
56-23-5	Carbon Tetrachloride	OLC03-2-V	ug/l		0.5	U	0.5	U
71-43-2	Benzene	OLC03-2-V	ug/l		0.5	U	0.5	U
107-06-2	1,2-Dichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U
79-01-6	Trichloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U
108-87-2	Metylcyclohexane	OLC03-2-V	ug/l		0.5	UJ	0.5	UJ
78-87-5	1,2-Dichloropropane	OLC03-2-V	ug/l		0.5	U	0.5	U
75-27-4	Bromodichloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U
10061-01-5	cis-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	UJ	0.5	UJ
108-10-1	4-Methyl-2-pentanone	OLC03-2-V	ug/l		5	U	5	U
108-88-3	Toluene	OLC03-2-V	ug/l		0.5	U	0.5	U
10061-02-6	trans-1,3-Dichloropropene	OLC03-2-V	ug/l		0.5	U	0.5	U
79-00-5	1,1,2-Trichloroethane	OLC03-2-V	ug/l		0.5	U	0.5	U
127-18-4	Tetrachloroethene	OLC03-2-V	ug/l		0.5	U	0.5	U
591-78-6	2-Hexanone	OLC03-2-V	ug/l		5	U	5	U
124-48-1	Dibromochloromethane	OLC03-2-V	ug/l		0.5	U	0.5	U
106-93-4	1,2-Dibromoethane	OLC03-2-V	ug/l		0.5	U	0.5	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod	TAP-123SOUTH-GW			TAP-371MILL-GW		
			Location	TAP-123SOUTH			TAP-371MILL		
			Sample Date	5/16/2002			5/16/2002		
			Unit \\						
108-90-7	Chlorobenzene	OLC03-2-V	ug/l	0.5	U		0.5	U	
100-41-4	Ethylbenzene	OLC03-2-V	ug/l	0.5	U		0.5	U	
1330-20-7	Xylenes (total)	OLC03-2-V	ug/l	0.5	U		0.5	U	
100-42-5	Styrene	OLC03-2-V	ug/l	0.5	U		0.5	U	
75-25-2	Bromoform	OLC03-2-V	ug/l	0.5	U		0.5	U	
98-82-8	Isopropylbenzene	OLC03-2-V	ug/l	0.5	UJ		0.5	UJ	
79-34-5	1,1,2,2-Tetrachloroethane	OLC03-2-V	ug/l	0.5	U		0.5	U	
541-73-1	1,3-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U		0.5	U	
106-46-7	1,4-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U		0.5	U	
95-50-1	1,2-Dichlorobenzene	OLC03-2-V	ug/l	0.5	U		0.5	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC03-2-V	ug/l	0.5	U		0.5	U	
120-82-1	1,2,4-Trichlorobenzene	OLC03-2-V	ug/l	0.5	U		0.5	U	
87-61-6	1,2,3-Trichlorobenzene	OLC03-2-V	ug/l	0.5	U		0.5	U	

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	TAP-123SOUTH-GW		TAP-371MILL-GW	
				Location	TAP-123SOUTH		TAP-371MILL	
				Sample Date	5/16/2002		5/16/2002	
2-SV-1-w	**Semi-Volatile Organics -page 1 - OLM04.2**							
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l		10	U	10	U
108-95-2	Phenol	OLM04-2-SV	ug/l		10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l		10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l		10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l		10	UJ	10	UJ
98-86-2	Acetophenone	OLM04-2-SV	ug/l		10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l		10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l		10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l		10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l		10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l		10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l		10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l		10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l		10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l		10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l		10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l		10	U	10	U
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l		10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l		10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l		10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l		10	U	0.5	J
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l		10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l		10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l		25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l		10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l		10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l		10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l		10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l		10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	TAP-123SOUTH-GW		TAP-371MILL-GW	
				Location	TAP-123SOUTH		TAP-371MILL	
				Sample Date	5/16/2002		5/16/2002	
3-SV-2-w	**Semi-Volatile Organics -page 2 - OLM04.2**							
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l		25	U	25	U
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l		25	U	25	U
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l		10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l		10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l		10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l		10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l		25	U	25	U
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l		25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l		10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l		10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l		10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l		10	U	10	U
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l		25	UJ	25	UJ
85-01-8	Phenanthrene	OLM04-2-SV	ug/l		10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l		10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l		10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l		10	U	3	J
206-44-0	Fluoranthene	OLM04-2-SV	ug/l		10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l		10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l		10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l		10	U	10	U
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l		10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l		10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l		10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l		10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l		10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l		10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l		10	U	10	U
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l		10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l		10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	TAP-123SOUTH-GW TAP-123SOUTH 5/16/2002		TAP-371MILL-GW TAP-371MILL 5/16/2002	
4-P/PCBs-w	**Pestcide/PCB Organics - OLM04.2**						
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.05	U	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1	U	1	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	TAP-123SOUTH-GW TAP-123SOUTH 5/16/2002		TAP-371MILL-GW TAP-371MILL 5/16/2002	
5-Inorg-w	**Inorganic Analytes - ILM04.1**						
7429-90-5	Aluminum	ILM04-1-M	ug/l	36.7	B	18.5	U
7440-36-0	Antimony	ILM04-1-M	ug/l	3.8	U	3.8	U
7440-38-2	Arsenic	ILM04-1-M	ug/l	3	U	3	U
7440-39-3	Barium	ILM04-1-M	ug/l	33.8	B	45.4	B
7440-41-7	Beryllium	ILM04-1-M	ug/l	0.3	U	0.3	U
7440-43-9	Cadmium	ILM04-1-M	ug/l	0.5	U	0.5	U
7440-70-2	Calcium	ILM04-1-M	ug/l	82300		94000	
7440-47-3	Chromium	ILM04-1-M	ug/l	0.8	U	0.8	U
7440-48-4	Cobalt	ILM04-1-M	ug/l	1.2	U	1.2	U
7440-50-8	Copper	ILM04-1-M	ug/l	4.5	B	7.9	B
7439-89-6	Iron	ILM04-1-M	ug/l	109		17	U
7439-92-1	Lead	ILM04-1-M	ug/l	2.8	U	41.5	
7439-95-4	Magnesium	ILM04-1-M	ug/l	7300		9470	
7439-96-5	Manganese	ILM04-1-M	ug/l	0.73	B	0.4	U
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1	U	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l	1.7	U	1.7	U
7440-09-7	Potassium	ILM04-1-M	ug/l	1520	B	1920	B
7782-49-2	Selenium	ILM04-1-M	ug/l	2.2	U	2.2	U
7440-22-4	Silver	ILM04-1-M	ug/l	1.1	U	1.1	U
7440-23-5	Sodium	ILM04-1-M	ug/l	6250		12000	
7440-28-0	Thallium	ILM04-1-M	ug/l	3.5	U	3.5	U
7440-62-2	Vanadium	ILM04-1-M	ug/l	0.7	U	0.7	U
7440-66-6	Zinc	ILM04-1-M	ug/l	11.5	B	22.5	
57-12-5	Cyanide	ILM04-1-CN	ug/l	0.7	U	0.94	B

Cas Rn	Chemical Name	Analytic Metho	Unit \\	Sample Cod	Location	Sample Date	TAP-123SOUTH-GW TAP-123SOUTH 5/16/2002			TAP-371MILL-GW TAP-371MILL 5/16/2002		
6-WetChem	**Wet Chemistry**											
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l				230			260		
CACOA-H	Hardness as CaCO3	SM2340B	mg/l									
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l				3	U		3	U	
COD	Chemical Oxygen Demand	SM5220D	mg/l				30	U		30	U	
TOC	Total Organic Carbon	MCAWW415-1	mg/l				16			16		
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l				0.05			0.03		
CL	Chloride	MCAWW325-3	mg/l				14			28		
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l				0.2	U		0.2	U	
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l				0.91			6.4		
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l				0.5	U		0.5	U	
SO4	Sulfate	MCAWW375-	mg/l				16			21		
TDS	Total Dissolved Solids	MCAWW160-1	mg/l				240			310		
TSS	Total Suspended Solids	MCAWW160-2	mg/l				10	U		10	U	
pH	pH	SW9045C	S.U.									

Hiteman Leather Site
Public Well Samples

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	MUNI-1TAP MUNI-1TAP 5/24/2001		MUNI-2TAP MUNI-2TAP 5/24/2001	
1-LowCnVOA 41 Analytes Method Code OLC02-1-V							
74-87-3	Chloromethane	OLC02-1-V	ug/l	1	U	0.8	J
75-01-4	Vinyl Chloride	OLC02-1-V	ug/l	1	U	1	U
74-83-9	Bromomethane	OLC02-1-V	ug/l	1	U	1	U
75-00-3	Chloroethane	OLC02-1-V	ug/l	1	U	1	U
75-35-4	1,1-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U
67-64-1	Acetone	OLC02-1-V	ug/l	5	R	5	R
75-15-0	Carbon Disulfide	OLC02-1-V	ug/l	1	U	1	U
75-09-2	Methylene Chloride	OLC02-1-V	ug/l	2	U	2	U
156-60-5	trans-1,2-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U
75-34-3	1,1-Dichloroethane	OLC02-1-V	ug/l	1	U	1	U
156-59-2	cis-1,2-Dichloroethene	OLC02-1-V	ug/l	1	U	1	U
78-93-3	2-Butanone	OLC02-1-V	ug/l	5	R	5	R
67-66-3	Chloroform	OLC02-1-V	ug/l	1	U	1	U
71-55-6	1,1,1-Trichloroethane	OLC02-1-V	ug/l	1	U	1	U
56-23-5	Carbon Tetrachloride	OLC02-1-V	ug/l	1	U	1	U
71-43-2	Benzene	OLC02-1-V	ug/l	1	U	1	U
107-06-2	1,2-Dichloroethane	OLC02-1-V	ug/l	1	U	1	U
79-01-6	Trichloroethene	OLC02-1-V	ug/l	1	U	1	U
78-87-5	1,2-Dichloropropane	OLC02-1-V	ug/l	1	U	1	U
75-27-4	Bromodichloromethane	OLC02-1-V	ug/l	1	U	1	U
10061-01-5	cis-1,3-Dichloropropene	OLC02-1-V	ug/l	1	U	1	U
108-10-1	4-Methyl-2-pentanone	OLC02-1-V	ug/l	5	U	5	U
108-88-3	Toluene	OLC02-1-V	ug/l	1	U	1	U
10061-02-6	trans-1,3-Dichloropropene	OLC02-1-V	ug/l	1	U	1	U
79-00-5	1,1,2-Trichloroethane	OLC02-1-V	ug/l	1	U	1	U
127-18-4	Tetrachloroethene	OLC02-1-V	ug/l	1	U	1	U
591-78-6	2-Hexanone	OLC02-1-V	ug/l	5	U	5	U
124-48-1	Dibromochloromethane	OLC02-1-V	ug/l	1	U	1	U
106-93-4	1,2-Dibromoethane	OLC02-1-V	ug/l	1	U	1	U
108-90-7	Chlorobenzene	OLC02-1-V	ug/l	1	U	1	U
100-41-4	Ethylbenzene	OLC02-1-V	ug/l	1	U	1	U
1330-20-7	Xylenes (total)	OLC02-1-V	ug/l	1	U	1	U
100-42-5	Styrene	OLC02-1-V	ug/l	1	U	1	U
75-25-2	Bromoform	OLC02-1-V	ug/l	1	U	1	U
79-34-5	1,1,2,2-Tetrachloroethane	OLC02-1-V	ug/l	1	U	1	U
541-73-1	1,3-Dichlorobenzene	OLC02-1-V	ug/l	1	U	1	U
106-46-7	1,4-Dichlorobenzene	OLC02-1-V	ug/l	1	U	1	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MUNI-1TAP MUNI-1TAP 5/24/2001			MUNI-2TAP MUNI-2TAP 5/24/2001		
74-97-5	Bromochloromethane	OLC02-1-V	ug/l	1	U		1	U	
95-50-1	1,2-Dichlorobenzene	OLC02-1-V	ug/l	1	U		1	U	
96-12-8	1,2-Dibromo-3-chloropropane	OLC02-1-V	ug/l	1	R		1	R	
120-82-1	1,2,4-Trichlorobenzene	OLC02-1-V	ug/l	1	U		1	U	

Cas Rn	Chemical Name	Analytic Method	Sample Code / Location / Sample Date / Unit \\	MUNI-1TAP MUNI-1TAP 5/24/2001		MUNI-2TAP MUNI-2TAP 5/24/2001	
2-SV-1-w	**Semi-Volatile Organic Compounds - Page 1**						
100-52-7	Benzaldehyde	OLM04-2-SV	ug/l	10	UJ	10	UJ
108-95-2	Phenol	OLM04-2-SV	ug/l	10	U	10	U
111-44-4	bis(2-Chloroethyl)ether	OLM04-2-SV	ug/l	10	U	10	U
95-57-8	2-Chlorophenol	OLM04-2-SV	ug/l	10	U	10	U
95-48-7	2-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	OLM04-2-SV	ug/l	10	U	10	U
98-86-2	Acetophenone	OLM04-2-SV	ug/l	10	U	10	U
106-44-5	4-Methylphenol	OLM04-2-SV	ug/l	10	U	10	U
621-64-7	N-Nitroso-di-n-propylamine	OLM04-2-SV	ug/l	10	U	10	U
67-72-1	Hexachloroethane	OLM04-2-SV	ug/l	10	U	10	U
98-95-3	Nitrobenzene	OLM04-2-SV	ug/l	10	U	10	U
78-59-1	Isophorone	OLM04-2-SV	ug/l	10	U	10	U
88-75-5	2-Nitrophenol	OLM04-2-SV	ug/l	10	U	10	U
105-67-9	2,4-Dimethylphenol	OLM04-2-SV	ug/l	10	U	10	U
111-91-1	bis(2-Chloroethoxy)methane	OLM04-2-SV	ug/l	10	U	10	U
120-83-2	2,4-Dichlorophenol	OLM04-2-SV	ug/l	10	U	10	U
91-20-3	Naphthalene	OLM04-2-SV	ug/l	10	U	10	U
106-47-8	4-Chloroaniline	OLM04-2-SV	ug/l	10	UJ	10	UJ
87-68-3	Hexachlorobutadiene	OLM04-2-SV	ug/l	10	U	10	U
105-60-2	Caprolactam	OLM04-2-SV	ug/l	10	U	10	U
59-50-7	4-Chloro-3-methylphenol	OLM04-2-SV	ug/l	10	U	10	U
91-57-6	2-Methylnaphthalene	OLM04-2-SV	ug/l	10	U	10	U
77-47-4	Hexachlorocyclopentadiene	OLM04-2-SV	ug/l	10	U	10	U
88-06-2	2,4,6-Trichlorophenol	OLM04-2-SV	ug/l	10	U	10	U
95-95-4	2,4,5-Trichlorophenol	OLM04-2-SV	ug/l	25	U	25	U
92-52-4	1,1'-Biphenyl	OLM04-2-SV	ug/l	10	U	10	U
91-58-7	2-Chloronaphthalene	OLM04-2-SV	ug/l	10	U	10	U
88-74-4	2-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U
131-11-3	Dimethylphthalate	OLM04-2-SV	ug/l	10	U	10	U
606-20-2	2,6-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U
208-96-8	Acenaphthylene	OLM04-2-SV	ug/l	10	U	10	U
99-09-2	3-Nitroaniline	OLM04-2-SV	ug/l	25	U	25	U
83-32-9	Acenaphthene	OLM04-2-SV	ug/l	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	MUNI-1TAP MUNI-1TAP 5/24/2001		MUNI-2TAP MUNI-2TAP 5/24/2001	
3-SV-2-w	**Semi-Volatile Organic Compounds - Page 2**						
51-28-5	2,4-Dinitrophenol	OLM04-2-SV	ug/l	25	UJ	25	UJ
100-02-7	4-Nitrophenol	OLM04-2-SV	ug/l	25	UJ	25	UJ
132-64-9	Dibenzofuran	OLM04-2-SV	ug/l	10	U	10	U
121-14-2	2,4-Dinitrotoluene	OLM04-2-SV	ug/l	10	U	10	U
84-66-2	Diethylphthalate	OLM04-2-SV	ug/l	10	U	10	U
86-73-7	Fluorene	OLM04-2-SV	ug/l	10	U	10	U
7005-72-3	4-Chlorophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U
100-01-6	4-Nitroaniline	OLM04-2-SV	ug/l	25	UJ	25	UJ
534-52-1	4,6-Dinitro-2-methylphenol	OLM04-2-SV	ug/l	25	U	25	U
86-30-6	N-Nitrosodiphenylamine	OLM04-2-SV	ug/l	10	U	10	U
101-55-3	4-Bromophenyl-phenylether	OLM04-2-SV	ug/l	10	U	10	U
118-74-1	Hexachlorobenzene	OLM04-2-SV	ug/l	10	U	10	U
1912-24-9	Atrazine	OLM04-2-SV	ug/l	10	R	10	R
87-86-5	Pentachlorophenol	OLM04-2-SV	ug/l	25	U	25	U
85-01-8	Phenanthrene	OLM04-2-SV	ug/l	10	U	10	U
120-12-7	Anthracene	OLM04-2-SV	ug/l	10	U	10	U
86-74-8	Carbazole	OLM04-2-SV	ug/l	10	U	10	U
84-74-2	Di-n-butylphthalate	OLM04-2-SV	ug/l	10	U	10	U
206-44-0	Fluoranthene	OLM04-2-SV	ug/l	10	U	10	U
129-00-0	Pyrene	OLM04-2-SV	ug/l	10	U	10	U
85-68-7	Butylbenzylphthalate	OLM04-2-SV	ug/l	10	U	10	U
91-94-1	3,3'-Dichlorobenzidine	OLM04-2-SV	ug/l	10	UJ	10	UJ
56-55-3	Benzo(a)anthracene	OLM04-2-SV	ug/l	10	U	10	U
218-01-9	Chrysene	OLM04-2-SV	ug/l	10	U	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	OLM04-2-SV	ug/l	10	U	10	U
117-84-0	Di-n-octylphthalate	OLM04-2-SV	ug/l	10	U	10	U
205-99-2	Benzo(b)fluoranthene	OLM04-2-SV	ug/l	10	U	10	U
207-08-9	Benzo(k)fluoranthene	OLM04-2-SV	ug/l	10	U	10	U
50-32-8	Benzo(a)pyrene	OLM04-2-SV	ug/l	10	U	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	OLM04-2-SV	ug/l	10	UJ	10	UJ
53-70-3	Dibenz(a,h)anthracene	OLM04-2-SV	ug/l	10	U	10	U
191-24-2	Benzo(g,h,i)perylene	OLM04-2-SV	ug/l	10	U	10	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	MUNI-1TAP MUNI-1TAP 5/24/2001		MUNI-2TAP MUNI-2TAP 5/24/2001	
4-P/PCBs-w	**Pesticide/PCB Organics**						
319-84-6	alpha-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U
319-85-7	beta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U
319-86-8	delta-BHC	OLM04-2-PP	ug/l	0.05	U	0.05	U
58-89-9	gamma-BHC (Lindane)	OLM04-2-PP	ug/l	0.05	U	0.05	U
76-44-8	Heptachlor	OLM04-2-PP	ug/l	0.05	U	0.05	U
309-00-2	Aldrin	OLM04-2-PP	ug/l	0.05	U	0.05	U
1024-57-3	Heptachlor epoxide	OLM04-2-PP	ug/l	0.02	J	0.05	U
959-98-8	Endosulfan I	OLM04-2-PP	ug/l	0.05	U	0.05	U
60-57-1	Dieldrin	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-55-9	4,4'-DDE	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-20-8	Endrin	OLM04-2-PP	ug/l	0.1	U	0.1	U
33213-65-9	Endosulfan II	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-54-8	4,4'-DDD	OLM04-2-PP	ug/l	0.1	U	0.1	U
1031-07-8	Endosulfan sulfate	OLM04-2-PP	ug/l	0.1	U	0.1	U
50-29-3	4,4'-DDT	OLM04-2-PP	ug/l	0.1	U	0.1	U
72-43-5	Methoxychlor	OLM04-2-PP	ug/l	0.5	U	0.5	U
53494-70-5	Endrin ketone	OLM04-2-PP	ug/l	0.1	U	0.1	U
7421-93-4	Endrin aldehyde	OLM04-2-PP	ug/l	0.1	U	0.1	U
5103-71-9	alpha-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U
5103-74-2	gamma-Chlordane	OLM04-2-PP	ug/l	0.05	U	0.05	U
8001-35-2	Toxaphene	OLM04-2-PP	ug/l	5	U	5	U
12674-11-2	Aroclor-1016	OLM04-2-PP	ug/l	1	U	1	U
11104-28-2	Aroclor-1221	OLM04-2-PP	ug/l	2	U	2	U
11141-16-5	Aroclor-1232	OLM04-2-PP	ug/l	1	U	1	U
53469-21-9	Aroclor-1242	OLM04-2-PP	ug/l	1	U	1	U
12672-29-6	Aroclor-1248	OLM04-2-PP	ug/l	1	U	1	U
11097-69-1	Aroclor-1254	OLM04-2-PP	ug/l	1	U	1	U
11096-82-5	Aroclor-1260	OLM04-2-PP	ug/l	1	U	1	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod / Location / Sample Date / Unit \\	MUNI-1TAP MUNI-1TAP 5/24/2001		MUNI-2TAP MUNI-2TAP 5/24/2001	
5-Inorg-w	**Inorganic Analytes**						
7429-90-5	Aluminum	ILM04-1-M	ug/l	7	B	4	U
7440-36-0	Antimony	ILM04-1-M	ug/l	2	U	2	U
7440-38-2	Arsenic	ILM04-1-M	ug/l	2	U	2	U
7440-39-3	Barium	ILM04-1-M	ug/l	37.1	B	27.7	B
7440-41-7	Beryllium	ILM04-1-M	ug/l	1	U	1	U
7440-43-9	Cadmium	ILM04-1-M	ug/l	1	U	1	U
7440-70-2	Calcium	ILM04-1-M	ug/l	84400		79700	
7440-47-3	Chromium	ILM04-1-M	ug/l	2	U	2	U
7440-48-4	Cobalt	ILM04-1-M	ug/l	4	U	4	U
7440-50-8	Copper	ILM04-1-M	ug/l	1.6	B	1.4	B
7439-89-6	Iron	ILM04-1-M	ug/l	7	U	7	U*
7439-92-1	Lead	ILM04-1-M	ug/l	1	U	1	U
7439-95-4	Magnesium	ILM04-1-M	ug/l	9330		9740	
7439-96-5	Manganese	ILM04-1-M	ug/l	1	U	1	U
7439-97-6	Mercury	ILM04-1-M	ug/l	0.1	U	0.1	U
7440-02-0	Nickel	ILM04-1-M	ug/l	1	U	1	U
7440-09-7	Potassium	ILM04-1-M	ug/l	2120	B	1690	BE
7782-49-2	Selenium	ILM04-1-M	ug/l	3.2	BJ	2	UJ
7440-22-4	Silver	ILM04-1-M	ug/l	1	U	1	U
7440-23-5	Sodium	ILM04-1-M	ug/l	8720	R	4450	B
7440-28-0	Thallium	ILM04-1-M	ug/l	3	U	3	U
7440-62-2	Vanadium	ILM04-1-M	ug/l	1	U	1	U
7440-66-6	Zinc	ILM04-1-M	ug/l	3.9	B*J	16.5	B
57-12-5	Cyanide	ILM04-1-CN	ug/l	3.1	B	1	U

Cas Rn	Chemical Name	Analytic Metho	Sample Cod Location Sample Date Unit \\	MUNI-1TAP MUNI-1TAP 5/24/2001			MUNI-2TAP MUNI-2TAP 5/24/2001		
6-WetChem	**Wet Chemistry**								
CACO3-A	Alkalinity as CaCO3	MCAWW310-1	mg/l	210			220		
CACO3-H	Hardness as CaCO3	SM2340B	mg/l						
BOD	Biochemical Oxygen Demand	MCAWW405-1	mg/l	6	U		6	U	
COD	Chemical Oxygen Demand	SM5220D	mg/l	10	U		10	U	
TOC	Total Organic Carbon	MCAWW415-1	mg/l	15	J		12	J	
18540-29-9	Chromium (Hexavalent Compoun	SW7196A	mg/l	0.02	U		0.02	U	
CL	Chloride	MCAWW325-3	mg/l	39			12		
NH3	Nitrogen, Ammonia	MCAWW350-1	mg/l	0.3			0.4		
NO3/NO2	Nitrogen, Nitrate-Nitrite	MCAWW353-2	mg/l	5			4	U	
TKN	Nitrogen, Total Kjeldahl	MCAWW351-	mg/l	0.9	U		0.9	U	
SO4	Sulfate	MCAWW375-	mg/l	13			20		
TDS	Total Dissolved Solids	MCAWW160-1	mg/l	280			280		
TSS	Total Suspended Solids	MCAWW160-2	mg/l	10	U		10	U	
pH	pH	SW9045C	S.U.						

M

Appendix M

APPENDIX M

FISH SAMPLE CHAIN OF CUSTODIES

175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO		INVOICE TO		
COMPANY CDM FRC	PHONE 212 785 7123	COMPANY Same	PHONE	LAB PROJECT #
NAME Pamela Mulip	FAX 212-785-6111	NAME	FAX	
ADDRESS 125 Maiden Lane, 5th Floor		ADDRESS		TURNAROUND TIME
CITY/ST/ZIP New York, NY 10038		CITY/ST/ZIP		

CLIENT PROJECT NAME	CLIENT PROJECT #	CLIENT P.O.#
Hiteman Gallia		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER* (Fish Tissue)	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TCL VOC, SVOC, PCB	TAL Metals, Cn	% Lipids	COMMENTS
URFF-1-A	11.13.01 / 1010	X				X		1	X	X	X	19 forage fish 76 g
URFF-1-B	/ 1010	X				X		1	X	X	X	21 forage fish, 77 g
URFF-2-A	/ 1120	X				X		1	X	X	X	15 forage fish, 91 g
URFF-5-A	/ 1230	X				X		1	X	X	X	21 forage fish, 81 g
URFF-5-B	/ 1230	X				X		1	X	X	X	21 forage fish, 88 g
URSF-5-A	/ 1230		X			X		1	X			3 sport fish, 1.9 g
↓	/ 1230		X			X		1		X		1 sport fish, 16 g
	/											
	/											
	/											
	/											
	/											

UW Campbell 11.13.01

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1	UW Campbell	11.13.01 1900	FedEx # 876635521125	/
2		/		/
3		/		/

ADDITIONAL REMARKS
- All samples preserved on ice rinsed aluminum foil
- All "URFF" samples are whole-body forage fish
- All "URSF" samples are to be filleted by the lab

COOLER TEMP

WHITE: LABORATORY COPY **YELLOW**: REPORT COPY **PINK**: CLIENT'S COPY

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

REPORT TO		INVOICE TO		
COMPANY CDM FPX	PHONE 212 785 7128	COMPANY Same	PHONE	LAB PROJECT #
NAME Pamela Philip	FAX 212 785 7111	NAME	FAX	
ADDRESS 125 Maiden Lane 5th floor		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP New York, NY 10038		CITY/ST/ZIP		

CLIENT PROJECT NAME	CLIENT PROJECT #	CLIENT P.O #
Hiteman Landing		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER fish tissue	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TCL VOC, SVOC, PCB	REQUESTED ANALYSES: TAL Metals, Cn	REQUESTED ANALYSES: %Lipids	COMMENTS
URFF-4 ~~-A+B~~	11.14.01 0955	X				X		1	X	X	X	M fry of fish - 103g
URFF-3 ~~-A+B~~	1125	X				X		1	X	X	X	~~5~~ 10 Mus fish - ~~100g~~ 123g
URFF-2 ~~-B~~	1400	X				X		1	X	X	X	23 fry of fish - 82g
URSF-2-A	1400		X			X		1		X		1 spot fish - 16g
URSF-4 A	0955		X			X		1		X		2 spot fish - 16g
URFF-5	1410	X				X		1	X	X	X	20 fry of fish - 91g Whole Carcass
URFF-1	/	X				X		1	X	X	X	
	/											
	/											
	/											
	/											
	/											

TSP#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME
1	Lisa Campbell	11.14.01 1630	FedEx 819663552469	/
2		/		/
3		/		/

ADDITIONAL REMARKS:
- All samples preserved in hexane - rinsed aluminum foil
- All URFF samples are whole body
- All URSF samples are to be filleted by the lab

COOLER TEMP

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

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CHAIN-OF-CUSTODY RECORD

REPORT TO			INVOICE TO		
COMPANY CDM FPC	PHONE		COMPANY Same	PHONE	LAB PROJECT #
NAME Pamela ~~Phillips~~ Philips	FAX		NAME	FAX	
ADDRESS 125 Maiden Lane, 5th Floor			ADDRESS		TURNAROUND TIME
CITY/ST/ZIP New York, NY			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #	CLIENT P.O.#
Hiteman Lbaykon		

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER fish tissue	LAB ID	# OF CONTAINERS	TCL VOC, SVOC, PCB	TAL Metals (Cr)	% Lipids	COMMENTS
URFF-4	11.15.01 0915	X				X		1	X	X	X	13 forage fish - 82 g
URFF-3	" 1100	X				X		1	X	X	X	forage fish - 115 g
URFF-2	" 1200	X				X		1	X	X	X	11 forage fish - 65 g
URFF-1	" 1245	X				X		1	X	X	X	21 forage fish - 77 g
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											

Lisa Campbell 11.15.01

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS	COOLER TEMP
1	Lisa Campbell	11.14.01 1900	FedEx # 899663552116	/	- All samples preserved in hexane-rinsed aluminum foil - All "URFF" samples are whole body - All "URSF" samples are to be filleted by the lab.	
2		/		/		
3		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY