

Wisconsin Department of Natural Resources



Portage Canal

October 2013

Sediment Sampling Logs

SAMPLE COLLECTION LEGEND

Project Title: _____ Sample Matrix: _____
 Vertical Datum: _____ Sampling Method: _____
 Staff Gauge Reading (ft): 1.68 Gauge Reading Time: _____
 Water Elevation (calc): 780.56 Logged by: _____

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)										
		1.5	5.0			3.5										
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)										
Depth (inches)		Description				Sketch										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Concentration</th> <th>Color</th> </tr> <tr> <td>>PEC</td> <td style="color: red;">Red</td> </tr> <tr> <td><PEC, >MEC</td> <td style="color: orange;">Orange</td> </tr> <tr> <td><MEC, >TEC</td> <td style="color: yellow;">Yellow</td> </tr> <tr> <td><TEC</td> <td style="color: green;">Green</td> </tr> </table>		Concentration	Color	>PEC	Red	<PEC, >MEC	Orange	<MEC, >TEC	Yellow	<TEC	Green	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Chemical Sample Depths, concentration color coded to CBSQG </div>				
Concentration	Color															
>PEC	Red															
<PEC, >MEC	Orange															
<MEC, >TEC	Yellow															
<TEC	Green															

Additional Notes:

Sample IDs for analysis: (0-6) (6-18) (18-23)

Sample IDs on hold: (15-27)

Picture #s and SWIMS ID: Minimum potential elevation of contamination → EOC

Comments: _____ 777.1 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.86 **Gauge Reading Time:** 12:15
Water Elevation (calc) 780.74 **Logged by:** STI Description, AH notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	11:47	2.0	5.0	4.0	80%	3.6
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-01	43.55886077	-89.43634881	1	LEFT	10/15/2013	13:53
Depth (inches)		Description				Sketch
0 - 8		Silty Sand (SM); black, wet, loose, trace clay, organics, snail shells, and detritus				
8 - 15		Sandy Organic Silt (OH); brown, wet, very soft, fine grained sand				
15 - 27		Poorly Graded Sand (SP); light gray, wet, medium dense, medium to coarse grained, trace to no fines				
27 - 36		Silty Sand (SM); light brown, moist, few to little clay, trace gravel				
36 - 43		Poorly Graded Sand (SP); light gray, wet, medium dense, medium grained, trace to no fines				

Additional Notes: Hg Hg Hg
Sample IDs for analysis: (0-6) (6-15) (27-36)
Sample IDs on hold: (15-26)
Picture #s and SWIMS ID: 071-073, 10041200 - Portage Canal PC13-01-MMGK EOC
Comments: 776.5 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.82 **Gauge Reading Time:** 14:24
Water Elevation (calc) 780.70 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	14:35	2.9	5.0	4.1	82%	5.3
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-05	43.55736508	-89.43741459	2	Center	10/16/2013	9:30
Depth (inches)		Description				Sketch
0 - 6		Sandy Organic Silt (OH); black, wet, very soft, duckweed and detritus				
6 - 18		Silty Sand (SM); gray, moist, medium dense, fine grained, few clay				
18 - 38		Same as above; interbedded layers of clay, pieces of wood				
38 - 46		Poorly Graded Sand (SP); light gray, moist, medium dense, medium grained, trace to few fines				

Additional Notes: Hg Hg TOC, Ps
Sample IDs for analysis: (0-6) (6-18) (6-36)
Sample IDs on hold: (18-30)
Picture #s and SWIMS ID: 078-080, 10041205 - Portage Canal PC13-05-MMGK EOC
Comments: Lots of water and duckweed in (0-6). 775.4 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.82 **Gauge Reading Time:** 14:24
Water Elevation (calc) 780.70 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	14:18	2.1	5.0	4.0	80%	4.8
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-06	43.55733575	-89.43730380	2	Right	10/16/2013	9:45
Depth (inches)	Description				Sketch	
0 - 6	Sandy Organic Silt (OH); black, wet, very soft, duckweed and woody detritus, sewer smell					
6 - 12	Silty Sand (SM); dark brown, moist, medium dense, trace fines, twigs and detritus					
12 - 24	Sandy Organic Silt (OH); dark brown, moist, soft, nonplastic, interbedded SM layers					
24 - 44	Poorly Graded Sand (SP); gray, moist, medium dense, medium to fine grained, trace to few clay, native sand					

Additional Notes: Hg Hg
Sample IDs for analysis: (0-6) (12-24)
Sample IDs on hold: (6-12), (24-44)
Picture #s and SWIMS ID: 081-083, 10041206 - Portage Canal PC13-06-MMGK EOC
Comments: 775.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.77 **Gauge Reading Time:** 16:52
Water Elevation (calc) 780.65 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	15:51	2.5	5.0	4.5	90%	4.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-08	43.55571668	-89.43844625	3	Center	10/16/2013	10:20
Depth (inches)		Description				Sketch
0 - 11		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand				
11 - 38		Poorly Graded Sand (SP); light gray, moist to wet, medium dense, medium grained, trace fines, a 1-inch thick organic layer at 24"				
38 - 51		Same as above; fine grained sand, fines content increases to few				

Additional Notes: Hg, Pb, Cd, Ag, MeHg, TOC, Ps, pH, TCLP
Sample IDs for analysis: (0-11)
Sample IDs on hold: (11-23)
Picture #s and SWIMS ID: 087-091, 10041209 - Portage Canal PC13-08-MMGK EOC
Comments: 776.1 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.82 **Gauge Reading Time:** 14:24
Water Elevation (calc) 780.70 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	15:22	3.2	5.0	4.0	80%	4.8
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-09	43.55568289	-89.43835670	3	Right	10/16/2013	10:45
Depth (inches)		Description				Sketch
0 - 4	Sandy Organic Silt (OH); black, soft, fine grained sand, duckweed				781	
4 - 9	Silty Sand (SM); dark brown, loose, detritus				780	
9 - 24	Sandy Organic Silt (OH); brown, moist, soft to firm, fine grained sand, low plasticity				779	
24 - 30	Clayey Sand (SC); light gray, moist, medium dense, fine grained, few silt				778	
30 - 44	Poorly Graded Sand (SP); light gray, moist, medium dense, fine grained, few silt				777	
					776	
					775	
					774	
					773	
					772	

Additional Notes: Hg Hg, MeHg, pH Hg, MeHg, pH MeHg Hg
Sample IDs for analysis: (0-2) Duckweed (2-8) (8-24) (8-24)D (24-30)
Sample IDs on hold: (33-44)
Picture #s and SWIMS ID: 092-096, 10041210 - Portage Canal PC13-09-MMGK EOC
Comments: (0-2) is duckweed only, no sediment. 774.5 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 7:30
Water Elevation (calc) 780.55 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	9:02	2.4	5.0	4.0	80%	4.8
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-12	43.55400869	-89.43943844	4	Right	10/16/2013	12:20
Depth (inches)		Description				Sketch
0 - 18		Sandy Organic Silt (OH); black to dark brown, wet, very soft, trace fine sand, 6-18" a piece of bark, detritus				
18 - 23		Sandy Silt (ML) to Silty Sand (SM); brown, moist, fine grained, trace to few clay, a transition layer				
23 - 47		Poorly Graded Sand with Silt (SP-SM); light gray, moist to wet, medium dense, fine to medium grained				

Additional Notes: Hg Hg Hg
Sample IDs for analysis: T4(0-6)C (6-18) (18-23)
Sample IDs on hold: (23-35)
Picture #s and SWIMS ID: 106-108, 10041213 - Portage Canal PC13-12-MMGK EOC
Comments: 775.2 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	10:23	1.5	5.0	4.6	92%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-13	43.55272369	-89.44044437	5	Left	10/16/2013	14:00
Depth (inches)	Description					Sketch
0 - 17	Sandy Organic Silt (OH); black to dark brown, wet, very soft, fine grained sand, duckweed and detritus					
17 - 26	Silty Sand (SM); gray, wet, medium dense, fine grained, trace clay					
26 - 54	Poorly Graded Sand (SP); light gray to tan, moist, medium dense, fine grained, trace fines					

Additional Notes: Hg all
Sample IDs for analysis: (0-6), (0-6)D, (6-17), (6-17)D, (17-26), (17-26)D
Sample IDs on hold: (26-38)
Picture #s and SWIMS ID: 109-112, 10041214 - Portage Canal PC13-13-MMGK EOC
Comments: Duplicate whole core (except hold). 776.5 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	9:29	3.0	5.0	4.2	84%	4.2
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-15	43.55268612	-89.44029632	5	Right	10/16/2013	14:25
Depth (inches)	Description				Sketch	
0 - 16	Sandy Organic Silt (OH); black to dark brown, wet, very soft, fine grained sand, @ 14" is 1-inch thick layer of clam shells					
16 - 28	Silty Sand (SM) to Sandy Silt (ML); brown, moist, loose to medium dense, few clay					
28 - 44	Poorly Graded Sand (SP); light gray, moist, medium dense, fine to medium grained					
44 - 50	Same as above; pieces of wood, reed stalks, and sticks, fines content increases					
					777	
					776	
					775	
					774	
					773	
					772	

Additional Notes: Hg all
Sample IDs for analysis: (0-6), (6-16), (16-28)
Sample IDs on hold: (28-40)
Picture #s and SWIMS ID: 116-122, 10041217 - Portage Canal PC13-15-MMGK EOC
Comments: 775.4 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	12:10	2.0	5.0	4.0	80%	4.9
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-16	43.55124653	-89.44137889	6	Left	10/16/2013	14:50
Depth (inches)	Description				Sketch	
0 - 3	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, detritus					
3 - 7	Silty Sand (SM); dark gray to dark brown, wet, loose, medium grained, detritus					
7 - 17	Sandy Organic Silt (OH); dark brown, moist, soft, fine grained sand, detritus					
17 - 46	Poorly Graded Sand (SP); light gray, moist, medium dense, medium grained, trace fines					

Additional Notes: Hg, MeHg, TOC, pH Hg Hg, TOC, PS
Sample IDs for analysis: T6(0-6)C (6-17) (17-35)
Sample IDs on hold: _____
Picture #s and SWIMS ID: 123-125, 10041218 - Portage Canal PC13-16-MMGK EOC
Comments: 16-18 inches = transition thickness. 775.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	11:49	2.2	5.0	3.8	76%	4.4
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-17	43.55121647	-89.44130517	6	Center	10/16/2013	15:10
Depth (inches)	Description				Sketch	
0 - 18	Sandy Organic Silt (OH); black to dark brown, wet, very soft, fine grained sand, duckweed and detritus, live snails 0-6", pieces of woods at 12"					
18 - 44	Poorly Graded Sand (SP); light gray, moist, medium dense, predominately medium grained sand, few coarse grained sand, trace to few clay					

Additional Notes: Hg, MeHg, TOC, pH Hg
Sample IDs for analysis: T6(0-6)C (6-18)
Sample IDs on hold: (18-30)
Picture #s and SWIMS ID: 126-129, 10041219 - Portage Canal PC13-17-MMGK EOC
Comments: 775.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, CRA notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	11:34	2.1	5.0	4.1	82%	4.4
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-18	43.55118149	-89.44124977	6	Right	10/16/2013	15:30
Depth (inches)		Description				Sketch
0 - 19		Sandy Organic Silt (OH); black to dark brown, wet to moist, very soft to soft, fine grained sand, snails - 0-6"				
19 - 48		Poorly Graded Sand (SP); light gray, wet, medium dense, medium grained, trace to few fines				

Additional Notes: Hg, MeHg, TOC, pH Hg
Sample IDs for analysis: T6(0-6)C (6-19)
Sample IDs on hold: (19-31)
Picture #s and SWIMS ID: 130-133, 10041220 - Portage Canal PC13-18-MMGK EOC
Comments: 776.0 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	15:15	1.1	5.0	4.5	90%	5.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-19	43.54997108	-89.44216442	7	Left	10/17/2013	8:30
Depth (inches)		Description				Sketch
0 - 10		Sandy Organic Silt (OH); black, wet, very soft, fine sand				
10 - 20		Same as above; dark brown, moist, and soft				
20 - 52		Poorly Graded Sand (SP); light gray, moist, fine to medium grained, few to trace clay				

Additional Notes: Hg Hg
Sample IDs for analysis: (0-6) (6-20)
Sample IDs on hold: (20-32)
Picture #s and SWIMS ID: 145-147, 10041221 - Portage Canal PC13-19-MMGK EOC
Comments: 775.0 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	14:55	2.0	5.0	4.0	80%	4.3
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-20	43.54995307	-89.44210267	7	Center	10/17/2013	9:10
Depth (inches)		Description				Sketch
0 - 2		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand				
2 - 6		Poorly Graded Sand (SP); dark gray, wet, loose, medium grained				
6 - 15		Organic Silt (OH); dark brown, moist, soft, trace to few fine grained sand				
15 - 19		Sandy Silt (ML); brown to gray, moist, soft				
19 - 24		Silty Sand (SM); brown to gray, moist, loose, fine grained, few clay				
24 - 28		Same as above; interbedded organic layers and pieces of wood				
28 - 46		Poorly Graded Sand (SP); light gray to tan, moist, medium dense, medium to fine grained				

Additional Notes: Hg Hg Hg, Ps
Sample IDs for analysis: (0-15) (15-19) (19-28)
Sample IDs on hold: (28-40)
Picture #s and SWIMS ID: 148-150, 10041222 - Portage Canal PC13-20-MMGK EOC
Comments: 776.2 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	16:02	2.1	5.0	4.1	82%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-23	43.54835797	-89.44311567	8	Center	10/17/2013	10:30
Depth (inches)		Description				Sketch
0 - 12		Sandy Organic Silt (OH); black to dark brown, wet, very soft, fine grained sand, detritus				
12 - 49		Poorly Graded Sand (SP); light gray to tan, wet, medium dense, medium to fine grained				

Additional Notes: Hg
Sample IDs for analysis: (0-12)
Sample IDs on hold: (12-24)
Picture #s and SWIMS ID: 157-159, 10041225 - Portage Canal PC13-23-MMGK EOC
Comments: 776.5 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.66 **Gauge Reading Time:** 10:50
Water Elevation (calc) 780.54 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013	15:43	1.8	5.0	4.1	82%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-24S	43.54830804	-89.44305832	8	Right	10/17/2013	10:42
Depth (inches)	Description					Sketch
0 - 3	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, detritus					
3 - 8	Poorly Graded Sand (SP); tan to light gray, moist, loose, medium grained, trace to no fines					
8 - 17	Sandy Organic Silt (OH); brown, moist, soft, fine grained sand, few clay					
17 - 48	Poorly Graded Sand (SP); light gray, moist, medium dense, medium to fine grained, trace to no fines					

Additional Notes: Hg Hg
Sample IDs for analysis: (0-3) (8-17)
Sample IDs on hold: (3-8), (17-29)
Picture #s and SWIMS ID: 160-162, 10039749 - Portage Canal PC-13-E03 Bank EOC
Comments: resampling PC13-E03, within 6-ft. 776.4 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.55 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	9:11	1.3	5.0	4.0	80%	4.9
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-25	43.54710880	-89.44399675	9	Left	10/17/2013	1:40
Depth (inches)		Description				Sketch
0 - 10		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, leaves and detritus				
10 - 18		Same as above; dark brown, moist, and soft				
18 - 47		Poorly Graded Sand (SP); light gray, moist, medium dense, medium grained, trace to no fines				

Additional Notes: Hg, Pb
Sample IDs for analysis: (0-18)
Sample IDs on hold: none
Picture #s and SWIMS ID: 178-180, 10041306 - Portage Canal - PC13-25-MMGK EOC
Comments: 18-ft from PC-13-W09. 775.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.55 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	9:44	1.0	5.0	4.0	80%	2.9
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-25S	43.54716790	-89.44396821	9	Left	10/17/2013	12:40
Depth (inches)		Description				Sketch
0 - 8		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand				
8 - 20		Poorly Graded Sand (SP) to Silt (ML); dark brown, moist, loose, sand with interbedded 1/4 inch thick layers of silt				
20 - 48		Poorly Graded Sand (SP); light gray, moist, medium dense, medium grained, trace to no fines				

Additional Notes: Hg Hg Hg Hg
Sample IDs for analysis: (0-8) (0-8)D (8-20) (8-20)D
Sample IDs on hold: (20-32)
Picture #s and SWIMS ID: 166-168, 10039746 - Portage Canal PC-13-W09 Bank EOC
Comments: resampling PC13-W09. 777.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.55 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	8:55	2.0	5.0	4.2	84%	3.8
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-26	43.54710059	-89.44393380	9	Center	10/17/2013	13:00
Depth (inches)	Description				Sketch	
0 - 9	Sandy Organic Silt (OH); black, wet, very soft, fine sand					
9 - 21	Poorly Graded Sand (SP); light gray, moist, medium dense, medium to fine grained					
21 - 23	Poorly Graded Gravel (GP); light gray, moist, medium dense					
23 - 49	Poorly Graded Sand (SP); light gray, moist, medium dense, medium to fine grained					
	2"x3" wood piece from 31 to 32 inches *photo*					

Additional Notes: Hg, MeHg, pH
Sample IDs for analysis: (0-9)
Sample IDs on hold: (9-21)
Picture #s and SWIMS ID: 169-173, 10041226 - Portage Canal PC13-26-MMGK EOC
Comments: 776.7 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.55 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	8:35	1.3	5.0	4.2	84%	2.1
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-27	43.54707642	-89.44385092	9	Right	10/17/2013	1:19
Depth (inches)		Description				Sketch
0 - 12		Sandy Organic Silt (OH); black, wet, very soft to soft (8-inches), fine grained sand, leaves				
12 - 28		Poorly Graded Sand (SP); light gray, moist, medium dense, medium grained				
28 - 31		Sandy Organic Silt (OH); dark brown, moist				
31 - 50		Poorly Graded Sand (SP); light gray, moist, medium dense, medium grained				

Additional Notes: Hg, Pb, Cd, Ag, TCLP Hg, Pb, Ps
Sample IDs for analysis: (0-12) (28-31)
Sample IDs on hold: (12-24)
Picture #s and SWIMS ID: 174-177, 10041227 - Portage Canal PC13-27-MMGK EOC
Comments: 777.4 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:30
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	15:46	3.0	5.0	4.5	90%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-29	43.54582116	-89.44471824	10	Center	10/18/2013	8:50

Depth (inches)	Description	Sketch
0 - 8	Sandy Organic Silt (OH); dark brown, moist, soft, fine grained sand, roots and detritus	
8 - 11	Silty Sand (SM); brown to gray, moist, fine grained, a transition layer	
11 - 24	Same as above; light gray, medium dense, interbedded brown organic layers	
24 - 35	Same as above; stratified 1/4 to 1/16 inch thick dark brown organic layers with roots and detritus	
35 - 42	Same as above; less stratified organic layers	
42 - 47	Organic Silt (OH); dark brown, moist, soft, sticks and twigs	
47 - 50	Silty Sand (SM); light gray, moist, medium dense, stratified 1/2 inch thick organic layers	

Additional Notes: Hg, MeHg, TOC, pH Hg Hg Hg
Sample IDs for analysis: T10(0-6)C T10(0-6)CD (6-8) (24-35), (42-47)
Sample IDs on hold: (8-24), (35-42)
Picture #s and SWIMS ID: 199-201, 10041230 - Portage Canal PC13-29-MMGK EOC
Comments: (47-50) discarded, other samples adequate to determine EOC. 776.4 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:30
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	15:43	1.3	5.0	4.0	80%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-30	43.54579923	-89.44463794	10	Right	10/18/2013	9:28
Depth (inches)		Description				Sketch
0 - 5	Sandy Organic Silt (OH); black, wet, very soft, leaves and detritus					
5 - 9	Poorly Graded Sand (SP); dark brown, wet, loose, few fines					
9 - 19	Sandy Organic Silt (OH); dark brown, moist, soft, fine grained sand					
19 - 45	Poorly Graded Sand (SP); light gray, moist, medium dense, fine to medium grained					
	1/4-inch thick organic layer at 22 and 24-inches					

Additional Notes: Hg, MeHg, TOC, pH Hg Hg
Sample IDs for analysis: T10(0-6)C T10(0-6)CD (9-19)
Sample IDs on hold: (19-31)
Picture #s and SWIMS ID: 202-204, 10041231 - Portage Canal PC13-30-MMGK
Comments: 2-inches of H₂O and duckweed on top. Excluded (6-9) sand from sampling.
EOC = 776.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.59 **Gauge Reading Time:** 15:10
Water Elevation (calc) 780.47 **Logged by:** STI Description, AH notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/14/2013	15:20	1.8	5.0	4.5	90%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-31	43.54482405	-89.44565559	11	Left	10/15/2013	9:00
Depth (inches)	Description				Sketch	
0 - 17	Sandy Organic Silt (OH); black, wet, very soft, snails from 10 to 22 inches					
17 - 22	Same as above; gray to dark brown, moist					
22 - 56	Poorly Graded Sand (SP); tan, moist, medium to fine grained, stratified 1-cm thick organic layers - 39 to 41"					

Additional Notes: Hg Hg
Sample IDs for analysis: (0-10) (10-22)
Sample IDs on hold: (22-28), (28-34)
Picture #s and SWIMS ID: 017-019, 10041232 - Portage Canal PC13-31-MMGK EOC
Comments: slight anthropogenic odor 776.5 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.59 **Gauge Reading Time:** 15:10
Water Elevation (calc) 780.47 **Logged by:** STI Description, AH notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/14/2013	15:50	0.5	5.0	4.0	80%	2.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-33	43.54475681	-89.44555868	11	Right	10/15/2013	10:19
Depth (inches)	Description				Sketch	
0 - 8	Poorly Graded Sand (SP); dark gray, moist, medium dense, few to little fines, sticks and detritus				781	
8 - 14	Same as above; loose, pieces of glass at 9"				780	
14 - 19	Silt with Sand (ML); dark brown, wet, soft, small clam shells at 16"				779	
19 - 38	Poorly Graded Sand with Silt (SP-SM); light gray to tan, medium grained, interbedded layers of black organics, 13% fines				778	
38 - 50	Same as above; increased organic content, thicker and less layers				777	
					776	
					775	
					774	
					773	

Additional Notes: Hg Hg Hg, Pb, TOC, Ps
Sample IDs for analysis: (0-6) (6-19) (38-44)
Sample IDs on hold: (20-38)
Picture #s and SWIMS ID: 023-025, 10041234 - Portage Canal PC13-33-MMGK EOC
Comments: MarshMaster at 20° angle from vertical during sampling. 777.5 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.59 **Gauge Reading Time:** 15:10
Water Elevation (calc) 780.47 **Logged by:** STI Description, AH notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/14/2013	16:45	0.8	5.0	4.5	90%	1.2
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-36	43.54401661	-89.44679404	12	Right	10/15/2013	11:29
Depth (inches)		Description				Sketch
0 - 7		Silty Sand (SM); brown, moist, loose, medium to fine grained, sticks, detritus				
7 - 24		Sandy Organic Silt (OH); dark brown, moist, soft, fine grained sand				
24 - 31		Poorly Graded Sand (SP); gray, moist, medium dense, trace to no fines, a transition layer				
31 - 51		Same as above; tan				

Additional Notes: Hg Hg Hg
Sample IDs for analysis: T12(0-12)C (12-24) (24-30)
Sample IDs on hold: (30-36)
Picture #s and SWIMS ID: 033-035, 10041237 - Portage Canal PC13-36-MMGK EOC
Comments: 777.2 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.70 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.58 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	8:53	2.0	5.0	4.0	80%	4.3
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-37	43.54340291	-89.44835595	13	Left	10/18/2013	11:03
Depth (inches)	Description					Sketch
0 - 12	Sandy Organic Silt (OH); black to dark brown, wet, very soft, fine grained sand, clam shells and detritus					
12 - 45	Poorly Graded Sand (SP); light gray to tan, wet, loose, medium to fine grained, 1/4-inch thick black organic layers at 13", 14", and 18.5"					

Additional Notes: Hg, TOC, Ps Hg, TOC, Ps
Sample IDs for analysis: (0-6) (6-12)
Sample IDs on hold: (12-24)
Picture #s and SWIMS ID: 205-207, 10041238 - Portage Canal PC13-37-MMGK EOC
Comments: Top marked after cutting. 776.3 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.70 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.58 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	8:38	1.1	5.0	4.2	84%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-38	43.54336516	-89.44833085	13	Center	10/18/2013	11:25
Depth (inches)		Description				Sketch
0 - 10		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, wood and detritus				
10 - 50		Poorly Graded Sand (SP); light gray to tan, medium dense, medium to fine grained				

Additional Notes: Hg Hg
Sample IDs for analysis: (0-6) (6-10)
Sample IDs on hold: (10-22)
Picture #s and SWIMS ID: 208-210, 10041239 - Portage Canal PC13-38-MMGK EOC
Comments: Watery interface, may have lost some surface material with water. 776.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.70 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.58 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	8:24	1.1	5.0	4.0	80%	3.7
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-39	43.54331743	-89.44828315	13	Right	10/18/2013	11:38
Depth (inches)	Description				Sketch	
0 - 9	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, leaves and detritus					
9 - 17	same as above; dark brown, soft					
17 - 35	Poorly Graded Sand (SP); light gray, moist, medium dense, fine grained					
35 - 46	Same as above; medium grained					

Additional Notes: Hg Hg
Sample IDs for analysis: (0-6) (6-17)
Sample IDs on hold: (17-29)
Picture #s and SWIMS ID: 211-213, 10041240 - Portage Canal PC13-39-MMGK EOC
Comments: Core Weight = 23.6 lbs 776.9 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.70 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.58 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	10:21	0.8	5.0	3.5	70%	3.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-40	43.54290953	-89.44941969	14	Left	10/18/2013	12:50
Depth (inches)	Description					Sketch
0 - 7	Sandy Organic Silt (OH); black, wet, very soft, wood and detritus					
7 - 16	same as above; dark brown, soft					
16 - 22	Poorly Graded Sand (SP); gray, moist, medium dense, trace to no fines					
22 - 37	Same as above; light gray to tan					

Additional Notes: Hg, MeHg, pH Hg Hg
Sample IDs for analysis: T14(0-6)C (6-16) (16-22), per Jim K. request
Sample IDs on hold: (22-37)
Picture #s and SWIMS ID: 214-216, 10041241 - Portage Canal PC13-40-MMGK EOC
Comments: Core weight = 17.4 pounds 776.9 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 12:50
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	10:40	2.1	5.0	3.9	78%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-41	43.54287498	-89.44939195	14	Center	10/18/2013	13:05
Depth (inches)		Description				Sketch
0 - 8		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, leaves, twigs, and 2" piece of wood, clam shells				
8 - 9		Silty Sand (SM); dark brown to brown, moist, loose, a transition layer				
9 - 16		Poorly Graded Sand (SP); light gray, loose, fine grained, trace silt				
16 - 40		Same as above; medium dense, medium grained				

Additional Notes: Hg, MeHg, pH Hg
Sample IDs for analysis: T14(0-6)C (6-9)
Sample IDs on hold: (9-21)
Picture #s and SWIMS ID: 217-219, 10041242 - Portage Canal PC13-41-MMGK EOC
Comments: Core weight = 21.0 lbs 776.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 12:50
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	10:56	1.7	5.0	3.8	76%	4.2
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-42	43.54282866	-89.44936091	14	Right	10/18/2013	13:22
Depth (inches)		Description				Sketch
0 - 9		Sandy Organic Silt (OH); black to dark brown, wet, very soft, fine grained sand, shells, snails, leaves, twigs, from 6 to 9 inches is few clay				
9 - 24		Poorly Graded Sand (SP); gray, moist, medium dense, medium grained				
24 - 40		Same as above; light gray to tan				

Additional Notes: Hg, MeHg, pH Hg Hg
Sample IDs for analysis: T14(0-6)C (6-9) (9-15)
Sample IDs on hold: (15-27)
Picture #s and SWIMS ID: 220-222, 10041243 - Portage Canal PC13-42-MMGK EOC
Comments: Core weight = 20.6 lbs 776.4 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 12:50
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	13:12	1.0	5.0	4.6	92%	4.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-43	43.54224560	-89.45083807	15	Left	10/18/2013	14:45
Depth (inches)	Description					Sketch
0 - 10	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, plastic piece from 8 to 11 inches *picture*					
10 - 52	Poorly Graded Sand (SP); tan, moist, medium dense, fine to medium grained, at 14" is a 1/8-inch thick layer of organics					

Additional Notes: Hg Hg
Sample IDs for analysis: (0-6) (6-10)
Sample IDs on hold: (10-22)
Picture #s and SWIMS ID: 224-227, 10041244 - Portage Canal PC13-43-MMGK EOC
Comments: Core Weight = 27.4 lbs 776.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 12:50
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	13:34	2.0	5.0	3.9	78%	4.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-44	43.54220681	-89.45079520	15	Center	10/18/2013	14:58
Depth (inches)		Description				Sketch
0 - 2		Sandy Organic Silt (OH); black, wet, very soft, twigs, sticks, reed grass				
2 - 5		Silty Sand (SM); dark gray, wet, loose				
5 - 7		Sandy Organic Silt (OH); dark brown, wet, very soft, fine grained sand				
7 - 26		Poorly Graded Sand (SP); light gray to tan, moist, medium dense, medium to fine grained				
26 - 28		same as above; coarse grained				
28 - 43		same as above; fine grained				

Additional Notes: Hg
Sample IDs for analysis: (0-7)
Sample IDs on hold: (7-19)
Picture #s and SWIMS ID: 228-230, 10041245 - Portage Canal PC13-44-MMGK EOC
Comments: 2" H₂O on top, core weight = 24.6 lbs, proposed TCLP sample 776.1 ft
moved to PC13-45 due to lack of sediment at this location.

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 12:50
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	15:32	1.3	5.0	4.2	84%	4.9
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-46	43.54165906	-89.45210828	16	Left	10/18/2013	16:20
Depth (inches)		Description				Sketch
0 - 6	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, detritus, low percent solids					
6 - 16	Same as above; moist, snail shells					
16 - 23	Same as above; soft					
23 - 51	Poorly Graded Sand (SP); light gray to tan, moist, medium dense, fine grained					

Additional Notes: Hg, MeHg, pH
Sample IDs for analysis: T16(0-6)C, (6-11), (11-23)
Sample IDs on hold: (23-35)
Picture #s and SWIMS ID: 236-238, 10041247 - Portage Canal PC13-46-MMGK EOC
Comments: Lots of H₂O on top, Core weight = 24.2 lbs., Adj. sampling 775.7 ft plan - moved MeHg here (from PC13-47) because there is more sediment.

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 12:50
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/18/2013	16:00	0.3	5.0	4.2	84%	2.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-48	43.54156108	-89.45211342	16	Right	10/18/2013	17:15
Depth (inches)	Description				Sketch	
0 - 4	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, detritus				781	
4 - 8	Silty Sand (SM); black, wet, loose, fine grained, roots and pieces of plastic, petroleum odor				780	
8 - 14	Sandy Organic Silt (OH); dark brown, moist, soft, fine grained sand, petroleum odor				779	
14 - 48	Silty Sand (SM); tan, wet, loose, fine grained, trace to no fines				778	
					777	
					776	
					775	
					774	

Additional Notes: Hg, MeHg, pH Hg
Sample IDs for analysis: T16(0-6)C (6-14)
Sample IDs on hold: (14-26)
Picture #s and SWIMS ID: 242-244, 10041249 - Portage Canal PC13-48-MMGK EOC
Comments: Core weight = 24.4 lbs 778.3 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 11:30
Water Elevation (calc) 780.55 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	9:00	0.5	5.0	4.0	80%	4.6
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-49	43.54104487	-89.45345227	17	Left	10/19/2013	11:30
Depth (inches)		Description				Sketch
0 - 12		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, snails and wood pieces				
12 - 18		Same as above; dark brown, moist, soft				
18 - 21		Silty Sand (SM); dark brown, moist, loose, trace clay, a transition layer				
21 - 44		Poorly Graded Sand (SP); tan, moist, medium dense, fine grained, at 22" is orange coloration (possible iron oxidation)				

Additional Notes: Hg all
Sample IDs for analysis: (0-6), (0-6)D, (6-18), (6-18)D, (18-21), (18-21)D
Sample IDs on hold: (21-33)
Picture #s and SWIMS ID: 252-254, 10041250 - Portage Canal PC13-49-MMGK EOC
Comments: Core weight = 20.81 lbs, full core Hg dup. 775.9 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 11:30
Water Elevation (calc) 780.55 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	8:35	0.5	5.0	5.0	100%	5.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-50	43.54103212	-89.45342641	17	Center	10/19/2013	12:02
Depth (inches)	Description					Sketch
0 - 13	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, twigs and detritus					
13 - 24	same as above; dark brown, moist, soft, few clay, holds form					
24 - 54.5	Poorly Graded Sand (SP); tan, moist, medium dense, fine to medium grained, orange to red staining or mottling from 24 to 25"					

Additional Notes: Hg Hg
Sample IDs for analysis: (0-6) (12-24)
Sample IDs on hold: (6-12), (24-36)
Picture #s and SWIMS ID: 255-258, 10041251 - Portage Canal PC13-50-MMGK EOC
Comments: Core weight = 25.4 lbs, lots of water on surface, sloppy 775.0 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 11:30
Water Elevation (calc) 780.55 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	9:24	0.0	5.0	4.6	92%	3.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-51	43.54100484	-89.45337178	17	Right	10/19/2013	12:20
Depth (inches)	Description				Sketch	
0 - 6	Sandy Organic Silt (OH); black, wet, very soft, reed grasses and roots					
6 - 10	Same as above; interbedded sand and organic layers, dark brown, wood fragments and branches					
10 - 16	Same as above; moist, fine grained sand, no interbedded sand layers					
16 - 22	Poorly Graded Sand (SP); light gray to dark brown, wet, loose, few organics which may be blowdown, a transition layer					
22 - 52	Same as above; tan, moist, medium dense, fine grained, no organics					
					776	
					775	
					774	

Additional Notes: Hg Hg Hg
Sample IDs for analysis: (0-6) (6-16) (16-22)
Sample IDs on hold: (22-34)
Picture #s and SWIMS ID: 259-261, 10041252 - Portage Canal PC13-51-MMGK EOC
Comments: Core weight = 26.8 lbs 777.0 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 11:30
Water Elevation (calc) 780.55 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	12:03	0.6	5.0	4.8	96%	4.6
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-53	43.54041850	-89.45473112	18	Center	10/19/2013	15:14
Depth (inches)		Description				Sketch
0 - 16		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, detritus				
16 - 24		Organic Silt (OH) to Silty Sand (SM); gray, moist, loose, trace to few clay, fine grained sand, a mixed transition layer				
24 - 52		Poorly Graded Sand (SP); tan, moist, medium dense, a 0.5-inch thick organic layer at 37"				
52 - 54		Peat (PT); dark gray to black, moist, soft				

Additional Notes: Hg, MeHg, pH, TOC MeHg Hg Hg
Sample IDs for analysis: T18(0-6)C T18(0-6)CD (6-16) (16-24)
Sample IDs on hold: (24-36)
Picture #s and SWIMS ID: 265-267, 10041254 - Portage Canal PC13-53-MMGK EOC
Comments: Core weight = 26.6 lbs, wet surface. 775.9 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 11:30
Water Elevation (calc) 780.55 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	12:27	0.5	5.0	4.7	94%	4.4
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-54	43.54037375	-89.45471029	18	Right	10/19/2013	15:30
Depth (inches)	Description					Sketch
0 - 2	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, pieces of wood					
2 - 5.5	Silty Sand (SM); dark gray, moist, loose, fine grained					
5.5 - 10.5	Organic Silt (OH); dark brown, moist, very soft, few to some clay, 1.5" x 2.5" wood piece					
10.5 - 12.5	Silty Sand (SM); gray with red - orange staining, moist, loose, fine grained, fine grained, 1/16-inch thick laminated organic layers					
12.5 - 17	Sandy Organic Silt (OH); dark brown, moist, soft, fine grained sand					
17 - 22	Poorly Graded Sand (SP); gray to brown, moist, medium dense, interbedded organic layers					
22 - 38	Same as above; tan, fine grained, trace to no fines, no organics					
38 - 47	Same as above; strong orange - red staining					
47 - 55	Same as above; no staining					

Additional Notes: Hg, MeHg, pH, TOC MeHg Hg Hg, Pb, Ps, TOC
Sample IDs for analysis: T18(0-6)C T18(0-6)CD (6-17), (17-22) (22-34)
Sample IDs on hold: none
Picture #s and SWIMS ID: 268-270, 10041255 - Portage Canal PC13-54-MMGK EOC
Comments: Core weight = 28.4 lbs 776.1 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:40
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	14:53	0.2	5.0	3.5	70%	1.4
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-55	43.53991907	-89.45600933	19	Left	10/19/2013	18:31
Depth (inches)		Description				Sketch
0 - 5		No sample, lost in water when opening core				
5 - 10		Poorly Graded Sand (SP); dark gray, wet, loose, fine grained, green grasses				
10 - 17		Sandy Organic Silt (OH); black, moist, soft, fine grained sand, grass				
17 - 29		Poorly Graded Sand (SP); tan, moist, loose, fine to medium grained				
29 - 33.5		Peat (PT); black, moist				

Additional Notes:

Sample IDs for analysis: Did not sample, sampled second attempt (better recovery)

Sample IDs on hold: _____

Picture #s and SWIMS ID: 284-285 EOC

Comments: First attempt , Core weight = 16 lbs. 777.4 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:40
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	15:05	0.2	5.0	4.0	80%	1.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-55	43.53991907	-89.45600933	19	Left	10/19/2013	16:25
Depth (inches)		Description				Sketch
0 - 6		Sandy Organic Silt (OH); dark gray, wet, very soft, snail shells on top				
6 - 10		Poorly Graded Gravel with Sand (GP); dark gray, wet, loose				
10 - 22		Sandy Organic Silt (OH); dark brown, moist, soft, rocks at 11", shells at 18"				
22 - 36		Poorly Graded Sand (SP); tan with slight orange - red staining from 23" to 24", moist, medium dense, medium grained, green grasses at 29"				
36 - 39		Sandy Organic Silt (OH); black, moist, fine grained				
39 - 44		Poorly Graded Sand (SP); light gray, moist, medium dense, fine grained				
44 - 50		Peat (PT); dark gray to black, moist, firm, nonplastic				

Additional Notes: Hg, Pb Hg, Pb, Ps Hg, Pb
Sample IDs for analysis: (0-6) (10-22) (36-39)
Sample IDs on hold: (6-10), (22-34), (39-44), (44-50)
Picture #s and SWIMS ID: 271-273, 10041256 - Portage Canal PC13-55-MMGK EOC
Comments: Second attempt, Core Weight = 23.8 lbs 777.7 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.67 **Gauge Reading Time:** 7:50
Water Elevation (calc) 780.55 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	10:45	1.1	5.0	3.8	76%	2.5
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-58S	43.54873481	-89.44297610	-	-	10/17/2013	13:57
Depth (inches)	Description					Sketch
0 - 3	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, detritus					
3 - 5	Same as above; soft					
5 - 33	Same as above; dark brown, moist, few to trace clay					
33 - 44	Poorly Graded Sand (SP); light gray to tan, moist, medium dense, medium to fine grained					

Additional Notes: Hg Hg
Sample IDs for analysis: (0-9) (21-33)
Sample IDs on hold: (9-21), (33-44)
Picture #s and SWIMS ID: 181-183, 10039740 - Portage Canal PC-13-W03 Bank EOC
Comments: resampling PC13-W03, GPS assumed at PC13-W03, placed stake. 775.5 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** _____
Staff Gauge Reading (ft) _____ **Gauge Reading Time:** _____
Water Elevation (calc) 778.88 **Logged by:** _____

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013						
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-59S						
Depth (inches)		Description				Sketch
		Was not sampled based on field decision. Deemed unnecessary based on finding historic bottom in all locations and reviewing cross section D-D'. 59S is at a higher elevation than the 2004 core in same cross section.				

Additional Notes:

Sample IDs for analysis: _____

Sample IDs on hold: _____

Picture #s and SWIMS ID: _____

Comments: previous location PC13-E04

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** _____
Staff Gauge Reading (ft) _____ **Gauge Reading Time:** _____
Water Elevation (calc) 778.88 **Logged by:** _____

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/16/2013						
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-60S						
Depth (inches)		Description				Sketch
		Was not sampled based on field decision. Deemed unnecessary based on finding historic bottom in all locations and reviewing cross section E-E'. 60S is at a higher elevation than the 2004 core in same cross section.				

Additional Notes:

Sample IDs for analysis: _____

Sample IDs on hold: _____

Picture #s and SWIMS ID: _____

Comments: previous location PC13-E05

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:40
Water Elevation (calc) 780.56 **Logged by:** STI Description, DD notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/19/2013	14:29	0.5	5.0	4.4	88%	1.2
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-61S	43.54002800	-89.45545690	-	-	10/19/2013	18:10
Depth (inches)	Description					Sketch
0 - 5	Sandy Organic Silt (OH); black, wet, very soft, fine grained sand					
5 - 16	Poorly Graded Sand (SP) to Sandy Organic Silt (OH); brown with orange staining at 12" and 15", moist, loose, fine grained sand, interbedded layers of sand and organics					
16 - 22	Sandy Silty Clay (CL); brown to dark brown, moist, soft					
22 - 28	Poorly Graded Sand (SP); gray with a orange tint, moist, medium dense, medium grained					
28 - 36	Poorly Graded Sand (SP) to Peat (PT); light gray to black, moist, medium dense, sand and peat are interbedded with layers of varying thickness					
36 - 52	Poorly Graded Sand (SP); tan, moist to wet, medium dense, fine grained, 1/16-inch thick diagonal organic layer at 41"					
						775
						774

Additional Notes: Hg Hg Hg
Sample IDs for analysis: (0-6) (16-22) (28-36)
Sample IDs on hold: (6-16), (22-28), (36-48)
Picture #s and SWIMS ID: 280-283, 10039754 - Portage Canal PC-13-SE-02 Bank
Comments: resampling PC13-SE02, GPS assumed at PC13-W03, placed EOC
stake. Core weight = 26 lbs. 777.6 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:30
Water Elevation (calc) 780.56 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	11:23	2.5	5.0	3.9	78%	5.4
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-62S	43.55394583	-89.43952630	-	-	10/17/2013	2:19
Depth (inches)		Description				Sketch
0 - 15		Sandy Organic Silt (OH); black, wet, very soft, fine grained sand, wood chunk at 15"				
15 - 30		Poorly Graded Sand (SP); light gray, wet, medium dense, few fines				
30 - 35		Silty Sand (SM); brown, moist, fine grained sand, little clay				
35 - 43		Poorly Graded Sand (SP); light gray, wet, medium dense, few fines				

Additional Notes: Hg Hg
Sample IDs for analysis: (0-15) (30-35)
Sample IDs on hold: (15-30)
Picture #s and SWIMS ID: 184-186, 113120 - "Portage Canal - Portage Canal" EOC
Comments: resampling PC4200, GPS assumed at PC4200, placed stake 775.2 ft

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** _____
Staff Gauge Reading (ft) _____ **Gauge Reading Time:** _____
Water Elevation (calc) 778.88 **Logged by:** _____

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013						
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-63S						
Depth (inches)		Description				Sketch
		not sampled, moved to location 100 (new) based on poled sediment thickness. Poling indicated less than 2' of soft sediment whereas location PC5100 from 2004 indicated an unquantified sediment thickness. Jim Killian and Jim Amrhein poled 9' of soft sediment at location 100.				

Additional Notes:

Sample IDs for analysis: _____

Sample IDs on hold: _____

Picture #s and SWIMS ID: _____

Comments: previous location PC5100

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** HC
S. Gauge Reading (ft) (Fox) 0.56 **Gauge Reading Time:** 15:10
Water Elevation (calc) 776.30 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	15:25	1.8	3.7	1.5	41%	-
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-64	43.56013216	-89.43529147	-	-	10/17/2013	11:00
Depth (inches)		Description				Sketch
0 - 3	Sandy Organic Silt (OH); black, wet, very soft, leaves and detritus				777	
3 - 7	Poorly Graded Sand (SP); gray, wet, loose, trace fines, 1-inch thick organic layer from 7" to 8"				776	
7 - 13	Sandy Organic Silt (OH); dark gray, wet, loose, pieces of wood				775	
13 - 18	Clayey Sand (SC); brown, wet, loose, little organics				774	
					773	
					772	

Additional Notes: Hg, Pb Hg, Pb Hg, Pb Hg, Pb
Sample IDs for analysis: (0-6) (0-6)D (6-18) (6-18)D
Sample IDs on hold: _____
Picture #s and SWIMS ID: 163, 10041305 - Portage Canal - PC13-64-HC
Comments: Inman/Graham hand core just downstream of lock.

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** HC
S. Gauge Reading (ft) (Fox) 0.56 **Gauge Reading Time:** 15:10
Water Elevation (calc) 776.30 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	15:14	1.5	1.7	0.7	40%	-
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-65	43.56024616	-89.43422933	-	-	10/17/2013	11:30
Depth (inches)		Description				Sketch
0 - 8		Sandy Organic Silt (OH); black, wet, very soft, few to little sand, fine to medium grained sand,				

Additional Notes: Hg, Pb
Sample IDs for analysis: (0-8)
Sample IDs on hold: _____
Picture #s and SWIMS ID: 164, 10041307 - Portage Canal - PC13-65-HC
Comments: Inman & Graham hand core upstream in Fox (Reference Location)

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** HC
S. Gauge Reading (ft) (Fox) 0.56 **Gauge Reading Time:** 15:10
Water Elevation (calc) 776.30 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	15:55	1.2	1.1	0.9	84%	-
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-66	43.56072886	-89.43477115	-	-	10/17/2013	12:30
Depth (inches)	Description				Sketch	
0 - 4	Sandy Organic Silt (OH); black, wet, very soft, wood chunks, leaves				777	
4 - 6	Poorly Graded Sand with Silt (SP-SM); dark gray, wet, very loose					
6 - 11	Sandy Organic Silt (OH); black, wet, soft, fine grained sand, 1/2-inch thick sand seem at 9"				776	
					775	
					774	
					773	

Additional Notes: Hg, Pb
Sample IDs for analysis: (0-11)
Sample IDs on hold: _____
Picture #s and SWIMS ID: 165, 10041308 - Portage Canal - PC13-66-HC
Comments: Inman/Graham hand core at mouth of canal

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** HC
S. Gauge Reading (ft) (Fox) 0.56 **Gauge Reading Time:** 15:10
Water Elevation (calc) 776.30 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/15/2013	16:10	1.5	2.4	1.5	63%	0.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-67	43.56123749	-89.43475827	-	-	10/17/2013	14:45
Depth (inches)		Description				Sketch
0 - 8		Sandy Organic Silt (OH); dark brown, wet, loose, detritus				
8 - 16		Poorly Graded Sand (SP); light gray, moist, loose				
16 - 19		Same as above; dark brown to gray				

Additional Notes: Hg, Pb Hg, Pb
Sample IDs for analysis: (0-8) (16-19)
Sample IDs on hold: none
Picture #s and SWIMS ID: 187-188, 10041309 - Portage Canal - PC13-67-HC
Comments: Inman/Graham hand core downstream in Fox River

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMGK, 3-inch inner dia.
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:30
Water Elevation (calc) 780.56 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	11:57	3.0	5 x 2	2, 1.5	32, 37	9.0
Sample Location ID	Latitude (Y)	Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-100	43.55756519	-89.43726512	-	-	10/17/2013	15:15
Depth (inches)		Description				Sketch
0 - 19		Organic Silt (OH); black, wet, very soft, duckweed (first core)				
19 - 60		no sample, poor recovery				
60 - 104		no sample, poor recovery				
104 - 110		Silty Sand (SM); gray, wet, loose				
110 - 117		same as above, medium dense				
117 - 120		Sandy Lean Clay (CL); dark gray, wet, soft, little silt				

Additional Notes:

Sample IDs for analysis: No samples, refer to PC13-100MMG (w/o core catcher) for samples.

Sample IDs on hold: _____

Picture #s and SWIMS ID: 192, 223,

Comments: Log is from two 5-ft pushes. Poor recovery, depth intervals may not represent actual conditions.

SAMPLE COLLECTION FIELD LOG

Project Title: Portage Canal **Sample Matrix:** Sediment
Vertical Datum NAVD88 **Sampling Method:** MMG
Staff Gauge Reading (ft) 1.68 **Gauge Reading Time:** 14:30
Water Elevation (calc) 780.56 **Logged by:** STI Description, MM notes

Date Collected	Time Collected (military)	Water Depth (ft)	Core Penetration (ft)	Sediment Recovered (ft)	Percent Recovery	Poling Depth (ft)
10/17/2013	12:15	3.0	0-5	4.0	80%	9.0
Date Collected	Time Collected (military)	Core Dia. (Inches)	Core Penetration (ft)	Sediment Recovered (ft)	% Recovery	Poling Depth (ft)
10/17/2013	12:45	1.5	5-10	3.8	76%	same
Sample Location ID	Actual Latitude (Y)	Actual Longitude (X)	Transect	River (looking DS)	Date Processed	Time Processed (Military)
PC13-100	43.55756519	-89.43726512	-	-	10/17/2013	14:55
Depth (inches)	Description					Sketch
0 - 30	Sandy Organic Silt (OH); black to dark brown, moist, soft, duckweed to 4", wood pieces at 6"					
30 - 46	Same as above; grayer, firm					
46 - 79	Same as above, firm to sitff					
79 - 86	Poorly Graded Sand (SP); gray, moist, fine grained, trace fines					

Additional Notes: Hg, Pb
Sample IDs for analysis: 12), (12-24), (24-36), (36-46), (46-70), (70-
Picture #s: 189-191, 193-195, 0-5' = 10041304 - PORTAGE CANAL-PC13-100-MMG
SWIMS ID: 5-10' = 10041310 - PORTAGE CANAL-PC13-100-MMG-5
Comments: This is a second attempt based on poor recovery with core catcher. This log is two cores, the 0-5' sample is a 3" dia. 5-10', is a 1.5" dia core.