

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-20067	9/26/2006	14:40	1120067.34	921495.87	28	362.9	334.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	3	12	11.5	<input checked="" type="checkbox"/>	0	0
Comments: Multiple attempts. Attempt # 1 comments: Rock, brick, metal fragments in material brought up. Attempt #3 comments: Again, black rock fragments, metal and other materials found.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, trace clay, little organics, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, fine sand with clay, more dense toward the bottom of the core.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, black-brown, SILT, little clay, trace fine sand, black discoloration at 7 inches, rest of core is medium dense to dense, fine SAND and SILT, cement-like odor, low plasticity.

Upper depth (ft): 9.9 *Lower depth (ft):* 11.5 *USCS:* SM *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, medium dense, black, fine SAND, little SILT, trace wood fragments, trace coarse subrounded gravel, organic odor.

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OL-VC-20068	9/25/2006	12:30	1119832.35	921526.42	13.3	362.9	349.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	19.8	<input type="checkbox"/>		
Comments: Multiple attempts. Previous attempt comments: Went too far attempt again same location.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, loose, fine SAND and SILT, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 1.3 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SM *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine SAND, little clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and CLAY, little fine SAND, little shells, moderate plasticity, sulfur odor, (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and CLAY, little fine SAND, little shells, moderate plasticity, sulfur odor, (MARL).

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OL-VC-20069	9/26/2006	09:00	1119611.81	921376.75	2	362.9	360.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 2.2 *Jerome:* 0

Sample Description: 0 to 15 inches is wet soft, black, SILT and fine SAND. Some organics, petroleum-like odor, 15 to 36 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity, sulfur odor. Rest of core is wet, soft, grayish white, SILT and fine SAND. Some oncolites.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 0.8 *Jerome:* 0

Sample Description: Top ten inches: wet, soft, grayish white, SILT and fine SAND, some oncolites. Rest of core is wet, very soft to soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 0.8 *Jerome:* 0

Sample Description: Top ten inches: wet, soft, grayish white, SILT and fine SAND, some oncolites. Rest of core is wet, very soft to soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, very soft to soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SM *PID:* 0.4 *Jerome:* 0

Sample Description: 0 to 9 inches is wet, soft, gray, SILT, some fine sand, trace clay, low plasticity. Rest of core is wet, soft, dark gray, SILT and fine SAND, trace clay in bottom of core, some oncolites.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: 0 to 12 inches is wet, soft to medium stiff, gray, SILT, little fine SAND, little clay, trace wood fragments, 12 to 24 inches is wet, dense red-brown SILT, little fine SAND, black organic discoloration, rest of core is moist, very stiff, red-brown CLAY and SILT, high plasticity (CL).

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Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-20069	9/26/2006	09:00	1119611.81	921376.75	2	362.9	360.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 17.8 *USCS:* CL *PID:* 0.2 *Jerome:* 0

Sample Description: Moist, medium stiff, red-brown CLAY and SILT, high plasticity.

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Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-20070	9/26/2006	10:33	1119473.16	921495.5	1.5	362.8	361.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 1.4 *Jerome:* 0

Sample Description: 0 to 10 inches is wet, loose, black, fine SAND and GRAVEL, trace organics, petroleum-like odor, trace shells, 10 to 22 inches is wet medium stiff gray silt and fine sand, some oncolites, slight petroleum-like odor, rest of core is wet soft, gray SILT, some fine sand, trace clay, trace shells, sulfur odor, marl (SM-ML).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet soft, gray, SILT, some fine sand, trace clay, trace shells, trace organics, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: 0 to 14 inches is wet, soft, gray, SILT, little fine sand, trace clay, low plasticity, trace organics, slight sulfur odor. Rest of core is wet, soft, dark gray, SILT, little fine sand, little to trace clay.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: 0 to 11 inches is wet, soft, gray, SILT, little clay, trace fine sand, 11 inches to 26 inches is moist, dense, gray to red-brown, fine SAND and SILT, black organic discoloration at 22 inches. Rest of core is moist, stiff, red-brown, CLAY, some silt, high plasticity (CL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.2 *Jerome:* 0

Sample Description: Moist, medium stiff, red-brown CLAY, some silt, high plasticity.

Upper depth (ft): 16.5 *Lower depth (ft):* 18.2 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Moist, medium stiff, red-brown CLAY and SILT, moderate plasticity.

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Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-20071	9/27/2006	11:10	1119428.66	921703.69	3.2	362.9	359.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	16.5	<input type="checkbox"/>		
Comments: 2nd attempt yielded 12 ft. Only 5 sections.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 4.5 *Jerome:* 0

Sample Description: Top 3 inches is wet, loose, black fine SAND, little silt, trace shells. Rest of core is wet, soft, gray, SILT, some fine sand, trace clay in bottom 6 inches, some oncolites, trace shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 3.7 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little fine sand, trace clay, little oncolites, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 3.2 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little to some fine sand, trace clay, trace shells, trace organics, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 1.1 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, soft, gray SILT, little fine sand, little clay, sulfur odor. Rest of core is wet, soft, dark gray, SILT, little fine sand, little clay, some oncolites, slight sulfur odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 0 *Jerome:* 0

Sample Description: 0 to 10 inches is wet, soft, gray, SILT, little fine sand, trace clay, some oncolites. Rest of core is moist, dense, gray to red-brown, fine SAND, little silt, trace clay, black organic discoloration.

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Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-20080	9/27/2006	07:40	1119415.12	921606.78	2.4	362.9	360.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20.2	18.5	<input type="checkbox"/>	0	0
Comments: Hard layer at 15' - 15.8'																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 2.5 *Jerome:* 0

Sample Description: Top two inches is wet, loose, black, fine SAND and GRAVEL, trace organics, petroleum-like odor. Rest of core is wet, soft, gray, SILT and fine SAND, some oncolites, trace shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 2.7 *Jerome:* 0

Sample Description: Wet, soft gray, SILT, some fine sand, trace clay, some oncolites on top of core, little shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little fine sand, trace clay, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, soft, gray to dark gray, SILT, some fine sand, some oncolites, trace clay in bottom of core, trace shells, trace organics.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, dense, gray to red-brown, fine grain SAND, some silt, trace black organics, bottom 3 inches is moist, soft, red-brown CLAY and SILT, low plasticity.

Upper depth (ft): 16.5 *Lower depth (ft):* 18.5 *USCS:* CL *PID:* 0.3 *Jerome:* 0

Sample Description: Moist, soft, red-brown CLAY and SILT, moderate plasticity.

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OL-VC-20081	9/27/2006	09:30	1119359.43	921665.04	2.5	363	360.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.4	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 3.1 *Jerome:* 0

Sample Description: Wet, loose, gray, fine SAND and SILT, some oncolites, trace shells, trace organics, sulfur odor, (MARL). From 0 to 27 inches isolated pin-sized NAPL globules throughout.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 1.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some to little fine sand, trace clay, trace oncolites and shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little clay, little fine sand, trace shells, trace brown organics, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: 0 to 20 inches is wet, soft, gray SILT, little fine sand, trace clay, trace shells, sulfur odor. Rest of core is wet, soft, dark gray, SILT, some fine sand, trace clay, some small oncolites, trace shells, slight sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 0.3 *Jerome:* 0

Sample Description: 0 to 8 inches is wet, soft, gray, SILT, trace fine sand, little clay. Rest of core is dense dark gray to red-brown, fine SAND and SILT, little to trace clay.

Upper depth (ft): 16.5 *Lower depth (ft):* 18.4 *USCS:* SM *PID:* 0.3 *Jerome:* 0

Sample Description: Moist, dense, red-brown, SILT and fine SAND, trace black organics, trace clay, bottom 7 inches is wet, soft, red-brown, CLAY and SILT, low plasticity (CL).

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OL-VC-20082	9/27/2006	08:45	1119386.98	921635.02	2.5	363	360.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.6	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 4 *Jerome:* 0

Sample Description: Top 2 inches wet, soft, black, SILT and fine SAND, trace shells, tar-like texture, petroleum-like odor. Rest of core is wet, loose, gray fine SAND and SILT, some oncolites, trace clay, trace shells, sulfur odor, trace organics, ((MARL)).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 2.4 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little fine sand, trace clay trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 1 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 1 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace organics, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, light-gray to dark gray, SILT, little fine sand, trace clay, trace shells, trace oncolites, slight sulfur odor top half of core (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, dense, gray to red-brown, fine SAND, some silt, trace clay in bottom of core, trace black organics.

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OL-VC-20082	9/27/2006	08:45	1119386.98	921635.02	2.5	363	360.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.6	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 18.6 *USCS:* CL *PID:* 0.3 *Jerome:* 0

Sample Description: Top 6 inches is moist, very dense, red-brown fine SAND, trace silt. Rest of core is wet, soft, red-brown, CLAY and SILT, moderate plasticity, trace black organics.

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Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30034	10/2/2006	12:03	1125003	918520.3	26.4	363.1	336.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0.4	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, mothball odor, black discoloration from 5 to 6 inches.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Top 0 to 7 inches is wet, soft, black, SILT, ammonia-like odor (ML). Rest of core is wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, grayish-white silt-like grains, trace fine sand, 0.5 to 1 inch Solvay chunks throughout, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, grayish-white silt-like grains, trace fine sand, 0.5 to 1 inch Solvay chunks throughout, trace organics, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, medium stiff, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 37 inches is wet, soft, medium stiff, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor. 37 to 38.5 inches is black discoloration, ammonia-like and mothball odor. Rest of core is wet, soft, grayish green silt-like grains.

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OL-VC-30034	10/2/2006	12:03	1125003	918520.3	26.4	363.1	336.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0.4	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish green, silt-like grains, slight ammonia odor.

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OL-VC-30035	10/2/2006	12:57	1124645.95	918722.75	27.4	363	335.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.6	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, olive gray, SILT, trace fine sand. Background PID=5.8.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 13 inches is wet, soft to very soft, olive gray to black SILT, trace to little fine sand (ML). 13 inches to rest of core is wet, soft, bluish-green to grayish-white, silt-like grains, trace fine sand, mothball odor. Background PID=5.8.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor. Rest of core is black discoloration with mothball and ammonia-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft to soft, grayish-white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 5 to 8 inches and 37 inches to end of core. Brownish-green discoloration from 8 to 9 inches and from 18 to 21 inches, mothball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 25 inches is wet, soft, grayish-white to bluish-green, silt-like grains, trace fine sand, mothball odor (SOLW), grading to wet soft, dark gray to black, SILT, trace fine sand, slight ammonia-like odor (ML).

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OL-VC-30035	10/2/2006	12:57	1124645.95	918722.75	27.4	363	335.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.6	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.6 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark brown with black discoloration throughout, SILT and CLAY, moderate plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30036	10/2/2006	07:45	1123677.29	919470.3	25.4	362.9	337.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	17.3	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, olive-gray, SILT, little fine sand.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, soft, olive gray to black, SILT, little fine sand, slight mothball odor in lower portion (ML). Rest of core is very soft to soft, bluish green to grayish green, silt-like grains, trace fine sand, mothball odor (SOLW).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, grayish-white to light green to grayish-green, silt-like grains, trace fine sand, mothball and slight ammonia-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 27 inches is wet, soft to stiff, grayish-green to bluish-green, silt-like grains, trace fine sand, mothball and ammonia-like odor. 27 in to 31 inches is wet, soft, black, SILT, little fine sand, slight mothball odor (ML). 31 inches is wet, soft, black SILT, little fine sand, slight mothball odor (ML). 31 inches to rest of core is wet, soft dark brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark brown, SILT and CLAY, moderate plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark brown, SILT and CLAY, moderate plasticity, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30036	10/2/2006	07:45	1123677.29	919470.3	25.4	362.9	337.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	17.3	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 17.3 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, light brown, SILT and CLAY, moderate plasticity, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30037	9/30/2006	09:15	1123334.73	919843.76	28.8	363.1	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft to soft, black to bluish green to grayish white, SILT grading to silt-like grains, trace fine sand, mothball odor in lower half.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, large organic seam from 31 to 34 inches, mothball and slight ammonia-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, 1 to 2 inch thick Solvay chunks, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 30 inches is wet, very soft, grayish-white to grayish-green to gray, silt-like grains grading to SILT, trace fine sand, 0.5 inch thick Solvay chunks in upper 10 inches, mothball and slight ammonia-like odor grading to ammonia-like odor. 30 inches to end of core is wet, soft, dark gray silt and some clay, low to moderate plasticity, slight ammonia-like odor (ML).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, olive gray with black discoloration, SILT and CLAY, moderate plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30037	9/30/2006	09:15	1123334.73	919843.76	28.8	363.1	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.9 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, olive gray with black discoloration, SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30038	10/2/2006	16:40	1121027.13	920969.42	20.4	363.1	342.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20.1	<input type="checkbox"/>		
Comments: High sulfur smell.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, black, silt-like grains, trace fine sand, 0.5 inch thick sovary chunks throughout, mothball odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white to light grayish green, silt-like grains, trace fine sand, black discoloration from 13 inches to 23 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, mothball odor, 1 inch thick Solvay chunks in bottom half of core.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 34 inches is wet, soft to medium stiff, grayish-white, silt-like grains, trace fine sand, 1 inch thick Solvay chunks throughout, mothball odor. 34 inches to the end, is wet, soft, grayish-green, silt-like grains, trace fine sand, mathball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 33 inches is wet, soft, greenish-blue, silt-like grains grading to SILT, trace fine sand, mothball odor grading to slight ammonia-like odor. Rest of core is wet, soft, black, SILT, trace fine sand, ammonia-like odor (ML).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30038	10/2/2006	16:40	1121027.13	920969.42	20.4	363.1	342.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20.1	<input type="checkbox"/>		
Comments: High sulfur smell.																

Upper depth (ft): 16.5 *Lower depth (ft):* 20.1 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, light olive gray, CLAY and SILT, moderate plasticity, trace shells, black discoloration in top 3 inches, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30039	10/2/2006	13:34	1124497.93	918519.73	18.5	363	344.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft to very soft, blue-green to grayish white to dark gray, silt-like grains grading to SILT, trace fine sand, dark gray discoloration from 13 inches to 18 inches and from 26 inches to 27 inches. Zebra muscle shells in top 1 inch, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, light green-green to grayish white, silt-like grains, trace fine sand, black discoloration from 11 to 13 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 20 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, bright green to grayish white to grayish green, silt-like grains, trace fine sand, mothball and ammonia-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30040	10/2/2006	08:45	1123561.06	919388.34	16.6	362.9	346.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20.1	20.1	<input type="checkbox"/>		
Comments: Solvay waste majority of core.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-green to grayish white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, medium stiff, grayish green to bright green to grayish white to greenish blue, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: 0 to 18 inches is wet, soft, bluish-green to dark gray silt-like grains, trace fine sand, slight mothball odor . Rest of core is wet, soft, brown, SILT and CLAY, trace shells, sulfur odor (MARL). Sample was accidentally discarded.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30040	10/2/2006	08:45	1123561.06	919388.34	16.6	362.9	346.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20.1	20.1	<input type="checkbox"/>		
Comments: Solvay waste majority of core.																

Upper depth (ft): 16.5 *Lower depth (ft):* 20.1 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, brown, SILT and CLAY, moderate plasticity, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30041	9/27/2006	14:00	1124394.52	918100.85	2.9	362.8	359.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	19.9	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white silt-like grains, trace fine sand, trace organics, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 3.4 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor. 2 inch thick Solvay chunk at 18 inches.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft grayish-white, silt-like gains, trace fine sand in top half of core, dark gray discoloration at 21 inches and 29 inches, mothball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* SOLW *PID:* 6.2 *Jerome:* 0

Sample Description: Wet, soft, grayish-white to grayish-blue, silt-like grains, trace organics, small pin-sized isolated NAPL globule at 30 inches and 36 inches. Mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30042	10/2/2006	15:00	1124360.95	918392	9.1	362.9	353.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, bluish-green to gray to grayish-white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 19 to 21 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor. Background PID=3.8.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, 2 inch thick Solvay chunks in bottom half, mothball odor. Background PID=4.8

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor. Background PID=5.6.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 29 to 30 inches, light green green from 30 to 33 inches, mothball odor. Background PID=6.6.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30042	10/2/2006	15:00	1124360.95	918392	9.1	362.9	353.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* SOLW *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 29 to 30 inches, light green green from 30 to 33 inches, mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30043	9/27/2006	15:00	1124086.72	918489.4	2.2	362.7	360.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>		
Comments: Solvay waste.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 8.4 *Jerome:* 0

Sample Description: Top 15 inches is wet, medium stiff to soft, grayish-white, silt-like grains, little black fine sand, zebra mussels in top, 0.5 inch thick Solvay chunks at 5 inches and 14 inches. Rest of core is wet, soft, grayish-white, silt-like grains, trace fine sand, small pinn-sized isolated NAPL globule at 20 inches, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 20.1 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor, green discoloration at 32 inches.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 20.1 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, trace organics, mothball odor, green discoloration at 32 inches.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 7.6 *Jerome:* 0

Sample Description: 0 to 32 inches is wet, soft, light-blue to grayish-blue, silt-like grains, trace fine sand, mothball odor. Rest of core is wet, medium dense, gray, fine SAND and SILT, little shells, slight mothball odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 34.4 *Jerome:* 0

Sample Description: Wet, soft, dark gray to gray, SILT, some fine sand, little shells, trace organics, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 17.9 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little clay, little fine sand, little shells, trace organics, low plasticity, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-30043	9/27/2006	15:00	1124086.72	918489.4	2.2	362.7	360.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>		
Comments: Solvay waste.																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.4 *USCS:* CL *PID:* 13.1 *Jerome:* 0

Sample Description: Moist, soft, gray, CLAY and SILT, little fine sand to trace fine sand, trace organics, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40016	9/30/2006	08:00	1127102.33	914737.09	28.8	363.1	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>	0	
Comments: PID not on board.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, trace clay.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, grayish-brown to black, SILT, trace clay, trace organics.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, little clay, low plasticity, trace organics.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: 0 to 31 inches is wet, soft, black, SILT, little clay, low plasticity, trace organics. Rest of core is moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (CL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 1.3 *Jerome:* 0

Sample Description: Moist, soft, brown, CLAY, some silt, trace shells, moderate plasticity (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 1.4 *Jerome:* 0

Sample Description: Moist, soft, brown, CLAY, some silt, trace shells, moderate plasticity (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40016	9/30/2006	08:00	1127102.33	914737.09	28.8	363.1	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>	0	
Comments: PID not on board.																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* CL *PID:* 1.6 *Jerome:* 0

Sample Description: Moist, soft, brown, CLAY, some silt, trace shells, moderate plasticity (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40017	9/29/2006	12:15	1126826.87	914439.87	23.7	362.9	339.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.8	<input type="checkbox"/>		
Comments: Sample was not collected.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, organic odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 5.5 *Jerome:* 0

Sample Description: Top 3 inches is moist, soft, dark gray, SILT, trace fine sand, organic odor (ML). Rest of core is moist, medium stiff light brown, CLAY and SILT, moderate plasticity, sulfur odor, trace shells, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40017	9/29/2006	12:15	1126826.87	914439.87	23.7	362.9	339.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.8	<input type="checkbox"/>		
Comments: Sample was not collected.																

Upper depth (ft): 16.5 *Lower depth (ft):* 18.8 *USCS:* CL *PID:* 1.7 *Jerome:* 0

Sample Description: Moist, medium stiff, light brown, CLAY and SILT, moderate plasticity, sulfur odor, trace shells, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40018	9/29/2006	15:30	1126806.64	914808.69	24.4	363	338.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.6	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, little clay, trace organics, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.1 *Jerome:* 0

Sample Description: 0 to 14 inches is moist, soft, brown with black discoloration, CLAY, some silt, moderate plasticity, slight petroleum-like odor. Rest of core is moist, medium stiff, brown with black organic discoloration, CLAY, some silt, moderate plasticity, trace shells.

Upper depth (ft): 16.5 *Lower depth (ft):* 18.6 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Moist, medium stiff, brown with black organics discoloration, CLAY, some silt, moderate plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40019	9/30/2006	08:50	1126800.45	915144.12	24	363	339	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>	0	
Comments: PID not on board.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, grayish-brown, SILT, trace fine sand, trace organics.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown, SILT, little clay, black discoloration throughout, low plasticity, trace organics.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, trace clay, trace organics, low plasticity.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, trace clay, trace organics.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, trace clay, trace organics.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, low plasticity, black discoloration throughout, trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40019	9/30/2006	08:50	1126800.45	915144.12	24	363	339	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>	0	
Comments: PID not on board.																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black, SILT, little to some clay, trace organics, low to moderate plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40021	9/30/2006	13:47	1127043.26	915965	28.9	363.1	334.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, very soft, brown to black, SILT, trace clay, trace organics.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, black and dark gray, SILT, trace clay, trace organics.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 1.4 *Jerome:* 0

Sample Description: Wet, soft, grayish brown and black, SILT, little clay, trace organics, low plasticity, trace fine angular gravel.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics, slight petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics, slight petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, soft, black, CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40021	9/30/2006	13:47	1127043.26	915965	28.9	363.1	334.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.4 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Moist, soft, black, CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor, wood slivers and fragments from 23.5 to 25.5 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40022	9/30/2006	14:30	1126896.51	916606.4	21.2	363	341.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, very soft, black SILT, little clay, trace organics.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, very soft, black and grayish brown, SILT, little clay, low plasticity, trace organics.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, grayish brown SILT, little clay, trace organics, low plasticity.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown to black, SILT, little clay, low plasticity, trace organics.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Moist, soft, brown and black, SILT, little to some clay, black fine sand seam 1/8 inch thick at 24 inches, trace shells, trace organics, low to moderate plasticity.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.4 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, red-brown and black SILT and CLAY, moderate plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40022	9/30/2006	14:30	1126896.51	916606.4	21.2	363	341.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.4 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY and SILT, moderate plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40023	10/2/2006	09:20	1127090.23	916422.64	27.2	363.1	335.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, very soft, brown, SILT, trace clay, trace organics, decomposing plant odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, very soft, red-brown and black, SILT, little clay, low plasticity, slight decomposing plant odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, dark gray and black, SILT, trace to little clay, low plasticity, trace organics, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, black to dark brown, SILT grading to CLAY and SILT, low to moderate plasticity, slight sulfur odor (ML-CL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.7 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40023	10/2/2006	09:20	1127090.23	916422.64	27.2	363.1	335.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40024	9/30/2006	15:35	1126926.21	916606.4	22.3	363	340.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>	0	0
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace clay, low plasticity, trace organics.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, very soft, black and dark gray, SILT, trace clay, low plasticity, very slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace clay, trace organics, low plasticity.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40024	9/30/2006	15:35	1126926.21	916606.4	22.3	363	340.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>	0	0
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.4 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40025	9/29/2006	09:15	1126368.97	914560.04	14	363	349	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0	0
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, trace clay, trace organics, ammonia-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, trace clay, trace organics, ammonia-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity, ammonia-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: 0 to 32 is wet, soft, dark gray to black, SILT, little clay, low plasticity. Rest of core is moist, medium stiff, brown, CLAY, some silt, trace shells, moderate plasticity, sulfur odor, MARL (CL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40026	9/29/2006	13:50	1126562.65	914761.62	16.3	363	346.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little to trace clay, trace organics, sulfur odor, decomposing plant odor, low plasticity.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little to trace clay, trace organics, sulfur odor, decomposing plant odor, low plasticity.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft to soft, grayish-white to dark gray, SILT, little to trace clay, trace organics, slight sulfur odor and slight decomposing plant odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft to soft, grayish-white to dark gray, SILT, little to trace clay, trace organics, slight sulfur odor and slight decomposing plant odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black, SILT, little to trace clay, decomposing plant odor, low plasticity.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black, SILT, little clay to some clay, trace organics, low to moderate plasticity, decomposing plant odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40026	9/29/2006	13:50	1126562.65	914761.62	16.3	363	346.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40027	9/29/2006	14:40	1126610.36	915097.85	13.7	362.9	349.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.7	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, very soft, dark gray to black, SILT, little to trace clay, trace wood fragments, decomposing plant odor, organic seam from 14 to 17 inches.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, trace fine sand, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, trace fine sand, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.7 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, dark gray and black, SILT, some clay, moderate to low plasticity, trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40028	9/30/2006	10:53	1126632.14	915545.93	13.9	363	349.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>	0	
Comments: Due to computer malfunction, actual log deleted; descriptions based on photographs taken of the core.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* *Jerome:*

Sample Description: Wet, soft, grayish-brown, SILT, little clay, low plasticity, black discoloration throughout.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* *Jerome:*

Sample Description: Wet, soft, grayish-brown to dark brown, SILT, little clay, moderate plasticity, black discoloration throughout.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* *Jerome:*

Sample Description: Wet, soft, dark brown with black discoloration, SILT, little clay, low to moderate plasticity.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* *Jerome:*

Sample Description: Wet, soft, dark brown, SILT, little clay, low to moderate plasticity.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* *Jerome:*

Sample Description: Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, dark gray SILT, little clay, little organics, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40029	9/30/2006	12:35	1126698.09	915807.54	17.5	363	345.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.9	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, black to grayish-brown, SILT, trace clay, trace organics, little plasticity.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown, SILT, little clay, low plasticity, trace organics.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown and black, SILT, little clay, little plasticity. Geotech sample accidentally discarded.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown and black, SILT, little clay, little plasticity. Geotech sample accidentally discarded.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, trace organics.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black, SILT, little clay, low plasticity, trace large wood fragments.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40029	9/30/2006	12:35	1126698.09	915807.54	17.5	363	345.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.9	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 18.9 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet , soft, dark gray, SILT, little clay, low plasticity, trace organics, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40030	9/28/2006	12:30	1126360.54	916186.06	9.4	362.7	353.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	3	16	14.3	<input checked="" type="checkbox"/>	0	0
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, little to trace clay, trace organics, low plasticity.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, trace fine sand, black discoloration at 23 inches and 37 inches, slight petroleum-like odor, low plasticity.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 34 inches is wet, soft, dark gray, SILT, little clay, low plasticity, organic odor. Rest of core is wet, soft, gray, SILT and fine SAND, trace clay, some shells, slight sulfur odor (SM).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and fine SAND, clay seam from 13 inches to 17 inches and 30 inches, 33 inches, some shells, some organics, wood fragments throughout, organic odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 14.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and fine SAND, 0.5 inch clay seams throughout, some shells, some organics, wood fragments throughout, organic odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40031	10/2/2006	08:15	1126674.8	916265.93	14.2	363.1	348.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	13.1	<input type="checkbox"/>	0	0
Comments: Only 4 sections due to woodchips at base.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, very soft to soft dark gray, SILT, little clay to trace clay, low plasticity, trace organics, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little fine sand, some organics, trace clay, trace shells, fine sand and shell seam from 18 inches to 21 inches and 35 to 36 inches.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* Pt *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, grayish-brown, SILT, little fine sand, little to trace clay, some shells, some wood fragments from 17 inches to bottom of core, organic odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.1 *USCS:* Pt *PID:* 0.6 *Jerome:* 0

Sample Description: 0 to 28 inches: moist, soft to medium stiff, grayish-brown SILT, little fine sand, little to trace clay, some shells, some wood fragments from 17 inches to bottom of core, organic odor. 28 to bottom of the core is moist, stiff, brown CLAY, some silt, trace shells, slight sulfur odor, high plasticity (CL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40032	10/2/2006	10:20	1126701.78	916692.97	17.2	363	345.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.7	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, black to gray, SILT, trace clay, trace organics, low plasticity, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 0.7 *Jerome:* 0

Sample Description: 0 to 31 inches is wet, soft, grayish-blue, silt-like grains, trace fine sand, trace organics, slight mothball odor. Rest of core is black to grayish-brown, CLAY, some silt, trace shells, slight sulfur odor, moderate plasticity, MARL (CL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, medium stiff, red-brown, CLAY, some silt, trace shells, high plasticity to moderate plasticity, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, medium stiff, red-brown, CLAY, some silt, trace shells, high plasticity to moderate plasticity, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, stiff, brown, CLAY, little silt, trace organics, trace shells, slight decomposing odor, high plasticity (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 18.7 *USCS:* CL *PID:* 0.6 *Jerome:* 0

Sample Description: Moist, stiff, brown, CLAY, little silt, high plasticity, trace shells, slight sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40033	9/29/2006	11:30	1126582.81	914154.83	2.9	363	360.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 5.1 *Jerome:* 0

Sample Description: Top 2 inches is wet, medium loose, fine SAND, some oncolites. 2 inches to the rest of core are wet, soft to loose, gray silt, some fine sand, some oncolites, sulfur odor, trace shells, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, some oncolites, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, gray, SILT and fine SAND, trace shells, slight sulfur odor (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, medium stiff to soft, light gray to gray, SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, gray SILT and fine SAND, organic seam at 12 inches, organic odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: 0 to 38 inches wet, soft, gray, SILT, some fine sand. Rest of core is wet, medium silt, gray, SILT, little fine sand, some clay, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40033	9/29/2006	11:30	1126582.81	914154.83	2.9	363	360.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	2	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: 0 to 38 inches wet, soft, gray, SILT, some fine sand. Rest of core is wet, medium silt, gray, SILT, little fine sand, some clay, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40034	9/29/2006	10:40	1126271.93	914342.16	2.7	362.9	360.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	19.7	17.8	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.2 *Jerome:* 0
Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, low plasticity, top 4 inches is black, fine SAND and GRAVEL, trace shells, some oncolites, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.8 *Jerome:* 0
Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, little oncolites, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.4 *Jerome:* 0
Sample Description: Wet, soft, gray, SILT, some fine sand, little clay, low plasticity, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.2 *Jerome:* 0
Sample Description: Wet, soft, dark gray to grayish brown, SILT, little clay, trace fine sand, tan fine sand seam at 14 inches, from 27 to 29 inches is low plasticity, trace shells, slight sulfur odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0
Sample Description: Wet, soft, grayish brown, SILT, little clay, little fine sand, trace organics, slight sulfur odor, trace shells, (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 17.8 *USCS:* *PID:* 0.1 *Jerome:* 0
Sample Description: Wet, soft, grayish brown, SILT, little clay, little fine sand, trace organics, slight sulfur odor, trace shells, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40035	9/28/2006	07:45	1125978.2	914699	2.5	362.8	360.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>	0.4	0
Comments: SULFUR SMELL.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, dark gray SILT, little to trace clay, organic odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: 0 to 11 inches wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 6.5 *Jerome:* 0

Sample Description: 0 to 11 inches wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 3.6 *Jerome:* 0

Sample Description: 0 to 11 inches wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 10.5 *Jerome:* 0

Sample Description: 0 to 11 inches wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 4.8 *Jerome:* 0

Sample Description: 0 to 11 inches wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40036	9/29/2006	08:20	1126012.57	914971.57	5.4	363	357.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17.3	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.7 *Jerome:* 0

Sample Description: Top 4 inches is wet, loose, black fine SAND and GRAVEL. Rest of core wet, very soft, dark gray, SILT, little to trace of clay, low plasticity, black fine sand seam at 9 inches, 19 inches and 37 inches. petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 1.8 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little fine sand in top half core, trace to little claytrace shells, black fine sand seam at 28 inches, low plasticity. Trace organics.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 28 inches is wet, soft, dark gray SILT, little clay, trace fine sand. Rest of core is wet, loose, dark gray, well sorted, fine SAND, trace fine gravel, little shells, trace organics (SM).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 10 inches is wet, very soft, dark gray, SILT, little fine sand, trace clay, trace organics, 10 inches to 24 inches is wet, loose, black well sorted, fine grain sand, trace wood fragments, trace silt, slight sulfur odor, trace shells, rest of core is wet.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 0 *Jerome:* 0

Sample Description: 0 to 12 inches is wet, soft, gray, SILT, trace fine sand, 12 to 33 inches is wet, dense, black, well sorted SAND. Some oncolites, trace shells, trace organics. Rest of core is wet, soft, black, SILT, little fine sand.

Upper depth (ft): 16.5 *Lower depth (ft):* 17.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft black SILT, little fine sand, trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40037	10/2/2006	13:02	1126276.44	915058.26	3.4	363.1	359.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, very soft, gray to grayish white, silt-like grains, trace fine sand, gray sand in shell seams from 22 to 25 inches, moth ball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 1.5 *Jerome:* 0

Sample Description: Wet, soft, grayish white, silt-like grains, trace fine sand, 1/8 inch thick black fine sand lens at 32 and 46 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 1.5 *Jerome:* 0

Sample Description: Wet, soft, grayish-white to dark gray, silt-like grains grading to SILT, little clay in bottom half of core, low plasticity, mothball odor, slight decomposing plant odor (ML).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 1 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor. Black fine sand seams less than 1-inch thick from 7 inches to 9.5 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40037	10/2/2006	13:02	1126276.44	915058.26	3.4	363.1	359.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor. Black fine sand seams less than 1-inch thick from 7 inches to 9.5 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40038	9/28/2006	08:45	1125835.82	915146.1	1.5	362.7	361.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0.1	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.3 *Jerome:* 0
Sample Description: 0 to 21 inches is wet, soft, black, SILT, little clay, little fine sand, organic odor. Rest of core is wet, soft, gray, SILT, little fine sand, trace clay, trace shells, some oncolites, sulfur odor, (MARL).

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.3 *Jerome:* 0
Sample Description: 0 to 21 inches is wet, soft, black, SILT, little clay, little fine sand, organic odor. Rest of core is wet, soft, gray, SILT, little fine sand, trace clay, trace shells, some oncolites, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 3.4 *Jerome:* 0
Sample Description: 0 to 20 inches wet, soft, gray, SILT, little fine sand, some oncolites, trace shells. Rest of core wet, soft, gray, SILT, trace clay, trace shells, little fine sand, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 1 *Jerome:* 0
Sample Description: Wet, soft, gray, SILT and FINE SAND, shells throughout, (MARL), sulfur odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 2.9 *Jerome:* 0
Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 3.9 *Jerome:* 0
Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL). Trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40038	9/28/2006	08:45	1125835.82	915146.1	1.5	362.7	361.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0.1	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL). Trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40039	9/28/2006	15:15	1126343.52	915408.88	2.4	362.6	360.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>	0	0
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, soft, black, SILT and fine SAND, some wood fragments, trace shells(SM). Rest of core is wet, very soft, dark gray SILT, trace fine sand, bottom 3 inches is black fine sand.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, dark gray, SILT, little clay, trace fine sand, black organics at 7.5 inches trace wood fragments.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, trace fine sand, bottom 8 inches has little to some clay, trace organics, low plasticity.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little to some clay, trace fine sand, low to moderate plasticity, slight petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, 1/8 of inch thick fine sand seam at 12 inches and 28 inches, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40039	9/28/2006	15:15	1126343.52	915408.88	2.4	362.6	360.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>	0	0
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little clay, 1/8 of inch thick fine sand seam at 12 inches and 28 inches, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40040	9/29/2006	07:32	1125964.16	915413.8	3.5	363	359.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray to dark gray, SILT, trace fine sand, wood fragments in top 1 inch, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, organic odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, organic odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, organic odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40040	9/29/2006	07:32	1125964.16	915413.8	3.5	363	359.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, trace fine sand, organic odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40041	9/28/2006	09:30	1125806.35	915733.76	2.4	362.7	360.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.3	<input type="checkbox"/>	2	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, soft, black, SILT, little clay, trace fine sand, organic odor, low plasticity. Rest of core is wet, soft, gray silt and fine sand, some oncolite, trace shells, oncolites, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray SILT, some fine sand, trace clay, little oncolites, slight sulfur odor, trace shells, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, gray SILT, little clay, little fine sand, moderate plasticity, trace shells, slight sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: 0 to 31 inches wet, soft, gray SILT, little clay, little fine sand, trace shells. Rest of core is wet, soft, fine well sorted SAND, some SILT, trace organics, trace clay in very bottom (SM).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, dark gray SILT and CLAY, trace fine sand, trace organics, trace shells in upper half of core, organic odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.3 *USCS:* CL *PID:* 0.4 *Jerome:* 0

Sample Description: Moist, soft, dark gray SILT and CLAY, trace fine sand, moderate plasticity, trace shells, fine sand seam from 20 inches to 21.5 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-40042	9/28/2006	11:10	1126190.73	916397.2	4.7	362.6	357.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 2.8 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown, SILT and CLAY, trace fine sand, some shells, moderate plasticity, some organics, brown fine grained sand seam from 29 to 30 inches and 32 inches to 34 inches, sulfur odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 4.6 *Jerome:* 0

Sample Description: Wet, medium stiff, grayish-brown, SILT and CLAY, trace fine sand, little organics, light brown fine sand seams 1/8 inch thick at 18 inches, 22 inches, 31 inches and 46 inches, trace wood fragments, decomposing plant matter odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 3.3 *Jerome:* 0

Sample Description: Wet, medium stiff, grayish-brown, SILT and CLAY, trace fine sand, little organics, light brown fine sand seams throughout, trace wood fragments, decomposing plant matter odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 3.7 *Jerome:* 0

Sample Description: Wet, medium stiff, grayish-brown, SILT and CLAY, trace fine sand, little organics, light brown fine sand seams throughout, trace wood fragments, decomposing plant matter odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 1.7 *Jerome:* 0

Sample Description: Moist, medium stiff, grayish-brown CLAY, some silt, trace shells, organic matter seam from 12 to 15 inches, decomposing plant matter odor, moderate plasticity.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* CL *PID:* 0.8 *Jerome:* 0

Sample Description: Moist, medium stiff, grayish-brown CLAY, some silt, trace shells, organic matter seam from 2.5 to 5 inches, 8 to 11 inches, 16 to 21 inches, decomposing plant matter odor, moderate plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50001	10/6/2006	07:39	1128241.64	913243.6	24.7	362.8	338.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.5	<input type="checkbox"/>	0.4	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 11.4 *Jerome:* 0

Sample Description: Moist, loose, dark grayish brown fine sand, little silts, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50002	10/6/2006	08:00	1128207.9	913210.4	13.8	362.7	348.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2	1.5	<input type="checkbox"/>	0.1	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 2.9 *Jerome:* 0

Sample Description: Moist, loose dark grayish-brown, fine SAND, trace silt, trace shells, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50003	10/5/2006	15:00	1133033.99	910699.73	4.3	362.8	358.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.5	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 10.2 *Jerome:* 0

Sample Description: Wet, soft, dark gray, fine SAND, some silt, some organics, trace shells, slight sulfur odor, decomposing plant odor, trace onocolites.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50004	10/5/2006	15:15	1133038.05	910750.95	5.2	362.8	357.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	3	3	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 0.3 *Jerome:* 0

Sample Description: Moist, soft, fine SAND, trace silt, little shells, trace organics, little oncolites in last 0.5 inch, sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50005	10/5/2006	15:20	1133038.22	910790.26	6.4	362.8	356.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.5	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 1.1 *Jerome:* 0

Sample Description: 0 to 3 inches is wet, soft, dark gray fine SAND, little silt, some organics, some oncolites, trace shells, Rest of core is wet, soft, light gray, SILT, some fine sand, trace clay, trace shells, slight sulfur and decomposing plant odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50006	10/5/2006	14:30	1132988.18	910702.53	4	362.8	358.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.7	2.5	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, fine SAND, little silt, trace shells, slight sulfur and decomposing plant odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50007	10/5/2006	15:48	1132921.58	910585.52	3.3	362.8	359.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.5	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 6.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray, fine SAND grading to silt, some fine sand, trace organics, trace to little shells, slight sulfur and decomposing plant odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50008	10/5/2006	14:00	1132937.02	910702.23	3.7	362.8	359.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2	2	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Top 2 inches is wet, soft, dark grayish-brown fine SAND, little silt, trace shells, slight sulfur odor. Rest of core is wet, soft, light brown, SILT, little fine sand, trace shells, slight sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50009	10/5/2006	13:35	1132922.96	910788.5	4.8	362.8	358	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.8	2.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 1.3 *Jerome:* 0

Sample Description: Moist, loose, dark gray, fine SAND, trace silt, little shells, trace organics, slight sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50010	10/5/2006	13:25	1132867.98	910706.9	2.8	362.8	360	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.3	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SW *PID:* 0 *Jerome:* 0

Sample Description: Wet, dense, dark gray to black, well sorted SAND and coarse GRAVEL, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50011	10/5/2006	09:57	1134380.93	913456	26	362.7	336.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2	1.9	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 1.1 *Jerome:* 0

Sample Description: Wet, soft dark gray, SILT, some fine sand, trace clay, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50012	10/5/2006	09:57	1134354.89	913413.37	27.2	362.7	335.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	3	3	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, soft, olive gray, SILT, trace fine sand, trace clay, trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50013	10/5/2006	10:50	1134352.65	913487.48	27.2	362.8	335.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.5	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, trace organics, slight sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50014	10/5/2006	11:00	1134319.49	913528.64	27.4	362.8	335.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.7	2.7	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50015	10/5/2006	11:19	1134286.66	913564.87	27.6	362.8	335.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.5	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50016	10/5/2006	11:38	1134263.48	913600.59	27.8	362.8	335	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.6	2.6	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50017	10/5/2006	12:00	1134228.19	913531.15	28.2	362.7	334.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.5	2.4	<input type="checkbox"/>	0	
Comments: No Geotechnical sample collected due to insufficient sample volume.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50018	10/5/2006	07:32	1128154.91	921734.44	3.2	362.8	359.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	1.8	1.8	<input type="checkbox"/>	0	
Comments: No Geotechnical sample collected due to insufficient sample volume.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 0 *Jerome:* 0

Sample Description: Wet, hard, dark gray to light gray, well sorted SAND and GRAVEL, some silt, fish-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50019	10/5/2006	08:00	1128155.55	921779.34	3.4	362.8	359.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2	2	<input type="checkbox"/>	0	
Comments: No Geotechnical sample collected due to insufficient sample volume.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, loose, dark gray to light gray poorly sorted fine sand, some silt, some oncolites, sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50020	10/5/2006	08:18	1128134.2	921757.53	3.6	362.8	359.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.3	2.3	<input type="checkbox"/>	0	
Comments: No Geotechnical sample collected due to insufficient sample volume.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 0 *Jerome:* 0

Sample Description: Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace wood fragments, sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50021	10/5/2006	08:34	1128110.9	921736.3	3.8	362.8	359	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.3	2.3	<input type="checkbox"/>	0	
Comments: No Geotechnical sample collected due to insufficient sample volume.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 2.8 *Jerome:* 0

Sample Description: Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace organics, sulfur odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-50022	10/5/2006	08:50	1128109.04	921779.25	3.8	362.8	359	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	2.2	1.9	<input type="checkbox"/>	0	
Comments: No Geotechnical sample collected due to insufficient sample volume.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SM *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace organics, fish odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60054	10/2/2006	10:12	1120967.63	927585.19	24	362.7	338.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.5	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, little fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft black, SILT, little clay, trace fine sand, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, low plasticity, strong petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black to olive-gray, SILT, some clay, trace fine sand, low plasticity, strong petroleum-like odor in top half, slight petroleum-like and organic odor in bottom half.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, dark olive gray to olive gray, SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor in bottom half.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, dark olive gray to dark gray, CLAY, some silt, moderate to high plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60054	10/2/2006	10:12	1120967.63	927585.19	24	362.7	338.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.5	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 18.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, dark olive gray to dark gray, CLAY, some silt, moderate to high plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60055	10/4/2006	09:00	1120409.66	927405.57	28.4	362.7	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.3	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor, trace wood fragment.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 1.2 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, low plasticity, trace organics, petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 2.4 *Jerome:* 0

Sample Description: Wet, soft, light gray to black, SILT, some clay, little fine sand, low plasticity, fine gravel seams from 24 to 26 inches, petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 1 *Jerome:* 0

Sample Description: Wet, soft, black to dark brown, SILT, some clay, trace fine sand, petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown, SILT and CLAY, trace fine sand, moderate plasticity, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60055	10/4/2006	09:00	1120409.66	927405.57	28.4	362.7	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.3	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.3 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, medium stiff, grayish-brown CLAY and SILT, moderate to high plasticity , trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60056	10/4/2006	09:00	1119788.42	927263.63	28.4	362.7	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.3	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft black SILT.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, little fine sand, low plasticity.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, little fine sand, low plasticity, trace organics, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 2.2 *Jerome:* 0

Sample Description: 0 to 31 inches is wet, soft, black, SILT, some clay, little fine sand, low plasticity, slight petroleum-like odor. Rest of core is SILT, some fine sand, some clay, low plasticity, dark brown clay and fine gravel seam from 36 to 38 inches with petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 16.3 *Jerome:* 0

Sample Description: 0 to 15 inches is wet, soft, black, SILT and fine SAND, some clay, low plasticity, fine gravel within, strong petroleum-like odor. Rest of core is soft, black to dark gray, SILT, some clay, little sand, low plasticity, strong petroleum odor. 1-inch thick of coal-like material at 21 inches.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: 0 to 5 inches is wet, soft, black, SILT, some fine sand, little clay, trace shells, slight petroleum-like odor. Rest of core is wet, soft, black to dark gray-brown SILT, some clay, little fine sand, moderate plasticity, strong petroleum odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60056	10/4/2006	09:00	1119788.42	927263.63	28.4	362.7	334.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.3	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 18.3 *USCS:* CL *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, medium stiff to stiff, dark gray-brown SILT and CLAY, trace fine sand, moderate to high plasticity, black discoloration throughout.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60057	10/4/2006	13:25	1118991.72	926948.31	29.1	362.7	333.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, trace clay, trace organics, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, little to some clay, trace organics, petroleum-like odor, low plasticity.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, little to some clay, trace organics, strong petroleum-like odor, low plasticity.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 2.5 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, little to some clay, trace organics, strong petroleum-like odor, low plasticity.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 5.4 *Jerome:* 0

Sample Description: Wet, soft, black to grayish-brown to black, SILT, little to some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: 0 to 18 inches is wet, soft, black, SILT, little to some clay, trace fine sand, low plasticity, slight petroleum-like odor. 18 to 20 inches is wet, soft, grayish-brown SILT, little clay, little fine sand, trace shells, organic odor. Rest of core is wet, soft, dark gray to dark grayish brown SILT, some clay, low to moderate plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60057	10/4/2006	13:25	1118991.72	926948.31	29.1	362.7	333.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.2 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY and SILT, moderate to high plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60058	10/4/2006	14:30	1118416.66	926592.27	1.6	362.7	361.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 7.9 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 21.2 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 17.9 *Jerome:* 0

Sample Description: Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, trace organics, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60058	10/4/2006	14:30	1118416.66	926592.27	1.6	362.7	361.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 1.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, petroleum-like odor, trace organics.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.2 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, soft, black to dark grayish-brown, SILT, some clay, trace fine sand, moderate plasticity, trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60059	10/4/2006	07:45	1121126.21	927880.63	8	362.7	354.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>		
Comments: SULFUR SMELL STRONG.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 2.1 *Jerome:* 0

Sample Description: Wet, very soft to soft, light brown, SILT, some fine sand, little clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 2.1 *Jerome:* 0

Sample Description: Wet, very soft to soft, light brown, SILT, some fine sand, little clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 4.7 *Jerome:* 0

Sample Description: Wet, soft, light brown, SILT, some clay, little fine sand, trace shells, 4 inch long piece of wood at 29 inches, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 3.6 *Jerome:* 0

Sample Description: Wet, soft, light brown, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 12.7 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, light grayish-brown, SILT and CLAY, trace fine sand, moderate plasticity, trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 8.2 *Jerome:* 0

Sample Description: Wet, medium stiff, light grayish-brown, SILT and CLAY, trace fine sand, moderate plasticity, trace shells, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60059	10/4/2006	07:45	1121126.21	927880.63	8	362.7	354.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.4	<input type="checkbox"/>		
Comments: SULFUR SMELL STRONG.																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.4 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, medium stiff, light grayish-brown, SILT and CLAY, trace fine sand, trace organics, moderate plasticity, trace shells, sulfur odor, slight decomposing plant odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60060	10/3/2006	13:00	1120588.84	928052.52	11	362.9	351.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft black, SILT, some fine sand, some to little clay, low plasticity, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 1 inch is wet, medium dense gray fine sand, 1 to 7 inches is wet, soft, gray, SILT, some clay, little fine sand, low plasticity. Rest of core is wet, soft, black, SILT and CLAY, some fine sand, moderate plasticity, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray CLAY and SILT, some fine sand, moderate to high plasticity, gray poorly sorted sand seam at 6 inches, 10 inches, 23 inches and 37 inches, 1 inch piece of wood at 34 inches, some organics throughout.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, dark gray, CLAY and fine SAND grading to CLAY, some silt, little fine sand, moderate to high plasticity, gray poorly sorted fine sand seam at 12 inches, 17 inches and 24 inches, organic seam at 31 inches.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, moist, soft to medium stiff, gray, CLAY, some silt, trace fine sand, moderate to high plasticity, 3 inch piece of wood from 15 to 18 inches, some organics throughout.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, CLAY, moderate to high plasticity, trace shells, trace organics.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60061	10/3/2006	13:45	1120000.79	928094.2	9.5	362.8	353.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.7	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, little fine sand, low to moderate plasticity, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, CLAY, some silt, little fine sand, moderate to high plasticity, gray poorly sorted fine sand seam at 29 inches and 33 inches, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* CL *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, soft, dark gray, CLAY and SILT, little fine sand, low to moderate plasticity, black poorly sorted fine sand seam at 16 inches and 29 inches, trace organics with petroleum odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* CL *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, soft, dark gray, CLAY and SILT, little fine sand, low to moderate plasticity, black poorly sorted fine sand seam at 16 inches and 29 inches, trace organics with petroleum odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, CLAY and SILT, little fine sand, moderate plasticity, light brown poorly sorted fine sand seam from 30 to 32 inches, trace organics.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, dark gray to dark brown, CLAY, some silt, trace fine sand, moderate to high plasticity, light brown poorly sorted fine sand seam at 37 inches, 1 inch thick piece wood at 23 inches and wood fragments throughout.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60061	10/3/2006	13:45	1120000.79	928094.2	9.5	362.8	353.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.7	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.7 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet to moist, soft to medium stiff, dark gray and dark brown, mottled CLAY, some silt, trace fine sand, moderate to high plasticity, light brown poorly sorted fine sand seam at 17 inches, 1 inch wood piece at 27 inches, trace organics throughout.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60062	10/4/2006	10:45	1119550.27	927966.44	9.5	362.7	353.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 3.3 *Jerome:* 0

Sample Description: Zebra mussel shells in top 3 inches. Rest of core is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics in bottom 2 inches, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 1.7 *Jerome:* 0

Sample Description: 0 to 21 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, slight petroleum-like odor, 21 to 29 inches is wet, soft, SILT, some sand, little clay, low plasticity, some organics, slight petroleum-like odor, 29 to 30 inches is moist, hard, silt and fine sand, dark gray, organics in last inch.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Loose wood debris in top 1-inch, rest of core is is wet, soft, dark brown, SILT and CLAY, trace fine sand, moderate plasticity, black discoloration throughout, 35 inches to end of core is trace organics and trace shells.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, medium stiff to stiff, dark grayish-brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, stiff, dark brown, CLAY and SILT, moderate to high plasticity, trace shells.

Upper depth (ft): 16.5 *Lower depth (ft):* 17.8 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, stiff, dark brown, CLAY and SILT, moderate to high plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60063	10/4/2006	11:39	1119021.48	927787.83	10.6	362.8	352.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 3.7 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, low to moderate plasticity, trace organics, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 5.4 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 7.4 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, black, SILT, some clay, moderate plasticity, strong petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 1.4 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, black, SILT, some clay, moderate plasticity, 1 inch thick shell and organic seam at 25 inches, organic seam at 35 inches, strong petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, medium stiff, black, SILT, some clay, trace fine sand, moderate to high plasticity, dark gray poorly sorted fine sand seam at 11 to 12 inches and at 24 inches.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, medium stiff, dark brown to brown, SILT and CLAY, moderate to high plasticity, trace shells, organic seam at 9 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60064	10/4/2006	12:15	1118434.38	927634.1	10.9	362.7	351.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, low plasticity, trace fine sand, trace organics, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 2.4 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, low to moderate plasticity, trace fine sand, trace organics, petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: 0 to 8 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, petroleum-like odor. Rest of core is wet, soft, light brown, SILT, some clay, trace fine sand, low to moderate plasticity, trace shells.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0.2 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.

Upper depth (ft): 16.5 *Lower depth (ft):* 19 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, medium stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60065	10/4/2006	14:10	1118069.05	927153.84	14	362.8	348.8	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.8	<input type="checkbox"/>		
Comments: No Geotechnical sample collected from 16.5-19.8'; sample volume accidentally discarded.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, very soft to soft, black, SILT, little clay, trace fine sand, trace organics, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 5.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, trace orgaics, strong petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 2.7 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, strong petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 2.9 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, black, SILT, some clay, trace fine sand, moderate plasticity, little organics, strong petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, black, SILT, some clay, trace fine sand, moderate plasticity, little organics, strong petroleum-like odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft to medium stiff black to dark grayish-brown, SILT, some clay, trace fine sand, moderate plasticity, poorly sorted fine sand seam at 20 inches, trace shells within sand seam.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60066	10/3/2006	11:03	1121149.78	928366.6	4.5	362.9	358.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	19.9	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, light gray, SILT, some fine sand, some oncolites, sulfur odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, light gray, SILT, some fine sand, some oncolites in top half, trace shells, sulfur odor (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, medium stiff to soft, light gray, SILT, some fine sand, some clay, some oncolites, low plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, some shells, sulfur odor (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60067	10/3/2006	11:50	1120674.09	928358.54	5.7	362.9	357.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, some clay, low to moderate plasticity, trace shells, sulfur odor (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, some clay, low to moderate plasticity, trace shells, slight sulfur odor and decomposing plant odor (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.95 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells, decomposing plant odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60068	10/2/2006	14:30	1119471.31	928330.16	4.1	362.7	358.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.7	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, soft, black SILT, some clay, some fine sand, low plasticity. Black poorly sorted fine sand seam from 8.5 to 12 inches, petroleum-like odor. 17 inches to rest of the core is wet, soft, SILT and SAND, some clay, low plasticity.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 8 inches is wet, soft dark gray, SAND and SILT, little clay. Rest of core is black, soft, dark gray, SILT, some clay, little fine sand, low to moderate plasticity, trace shells, trace organics.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 8 inches is wet, soft dark gray, SAND and SILT, little clay. Rest of core is black, soft, dark gray, SILT, some clay, little fine sand, low to moderate plasticity, trace shells, trace organics.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells, trace organics.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, brown, SILT and CLAY, trace shells, moderate to high plasticity.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, brown, SILT and CLAY, trace shells, moderate to high plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60068	10/2/2006	14:30	1119471.31	928330.16	4.1	362.7	358.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.7	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 18.7 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, dark brown, SILT and CLAY, trace shells, moderate to high plasticity, slight decomposing plant odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60069	10/3/2006	10:23	1118853.37	928237.73	3.6	362.9	359.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.6	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, SILT and FINE SAND, trace clay, trace shells, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown, SILT, some sand grading to clay, moderate plasticity, trace shells, trace organics.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, grayish-brown, SILT and some clay, trace fine sand, moderate plasticity, trace shells, some organics.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, brown, SILT and some clay, trace fine sand, moderate plasticity, trace shells, some organics.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, soft to medium stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.6 *USCS:* CL *PID:* 0 *Jerome:* 0

Sample Description: Moist, stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-60070	10/3/2006	16:00	1117647.53	927621.13	4.5	362.9	358.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 10 inches is wet, loose, black, SAND, trace shells, petroleum-like odor. 10 inches to 24 inches is wet, soft, dark gray SILT and FINE SAND, little clay, trace shells, slight petroleum odor. Rest of core is wet, soft to very soft light brown s

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, light brown, SILT and FINE SAND, trace clay, trace shells.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, light brown, SILT and FINE SAND, trace clay, trace shells, trace organics.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, light brown, SILT, some fine sand, trace clay, trace shells.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown, SILT, some clay, little fine sand, low to moderate plasticity, trace shells.

Upper depth (ft): 16.5 *Lower depth (ft):* 20 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, grayish-brown, SILT, some clay, little fine sand, low to moderate plasticity, trace shells, trace organics in last 4 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70025	9/25/2006	15:00	1116331.36	926720.1	2.2	362.86	360.66	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18	<input type="checkbox"/>		
Comments: Boat may have swayed causing lost recovery.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace clay, some organics in top two inches, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 4.4 *Jerome:* 0

Sample Description: 0 to 12 inches is wet, soft, black, SILT, trace organics, trace fine sand, slight petroleum-like odor (ML). 12 to 28 inches is wet, loose gray, FINE SAND, trace silt, trace shells, sulfur odor. Fine black sand lens at 28 inches. Rest of core is wet, soft, gray SILT, little clay, some fine sand, trace shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 4.4 *Jerome:* 0

Sample Description: 0 to 12 inches is wet, soft, black, SILT, trace organics, trace fine sand, slight petroleum-like odor (ML). 12 to 28 inches is wet, loose gray, FINE SAND, trace silt, trace shells, sulfur odor. Fine black sand lens at 28 inches. Rest of core is wet, soft, gray SILT, little clay, some fine sand, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 1.4 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, little shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 4.1 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little clay, little to trace fine sand, low plasticity, trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 1.5 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some to little clay, little to trace fine sand, low plasticity, trace shells, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70025	9/25/2006	15:00	1116331.36	926720.1	2.2	362.86	360.66	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18	<input type="checkbox"/>		
Comments: Boat may have swayed causing lost recovery.																

Upper depth (ft): 16.5 *Lower depth (ft):* 18 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Moist, soft, gray, CLAY, some silt, trace fine sand, trace shells, moderate plasticity, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70026	9/25/2006	14:15	1116387.43	926928.11	2.4	362.84	360.44	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 1.1 *Jerome:* 0

Sample Description: 0 to 2 inches wet, loose, black, FINE SAND, trace red brick fragments. 2 to 22 inches is wet, very soft black SILT, trace clay, trace fine sand, petroleum-like odor. Rest of core is wet, loose, black to gray FINE SAND, little silt, trace shells, slight petroleum-like odor, slight sulfur odor, MARL (SM-ML).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace clay, little shells, trace organics, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 2.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, some shells, trace organics, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SM *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, trace clay, little fine sand, trace shells, trace organics, sulfur odor, (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little to trace clay, little fine sand, trace shells, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70027	9/25/2006	13:20	1116245.77	926946.39	1.7	362.88	361.18	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, soft, dense, black, FINE SAND, petroleum-like odor. 5 to 11 inches is wet, soft, dark, gray, SILT. 11 to 27 inches is wet, soft, black, SILT, some fine sand, little clay, petroleum-like odor. Rest of core is wet, soft black to gray, SILT and FINE SAND, little shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 2.5 *Jerome:* 0

Sample Description: Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 2.6 *Jerome:* 0

Sample Description: Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SM *PID:* 2.4 *Jerome:* 0

Sample Description: Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 2.9 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little clay, little fine sand, some to trace shells, sulfur odor, (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* SM *PID:* 1.3 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little clay, little fine sand, some to trace shells, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70028	9/25/2006	16:30	1116367.79	927228.87	1.7	362.97	361.27	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.6	<input type="checkbox"/>	0	
Comments: Air pocket 6" from base.																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 1.1 *Jerome:* 0

Sample Description: 0 to 30 inches is wet, medium dense, black, FINE SAND and SILT, trace organics, black coal-like fragments, petroleum-like odor. 30 inches to rest core is dark gray, SILT and FINE SAND, some shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 2.3 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, little shells, trace organics, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 2.1 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SM *PID:* 1.5 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, little fine sand, little clay, trace shells, sulfur odor, (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.6 *USCS:* SM *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace clay, trace shells, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70029	9/25/2006	17:25	1116559.92	927423.17	2	363	361	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 1.1 *Jerome:* 0

Sample Description: 0 to 14 inches is wet, dense, black, FINE SAND, trace shells, petroleum-like odor. 14 to 32 inches is wet, dense, black to dark gray, SAND, thin clay seams throughout. Rest of core is gray, SAND and SILT trace shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 1.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 5.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace wood fragments, little shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 5.8 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace wood fragments, little shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SM *PID:* 4.1 *Jerome:* 0

Sample Description: Wet, soft gray, SILT and FINE SAND, trace clay, little shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 2.7 *Jerome:* 0

Sample Description: Wet, soft, gray to dark gray, SILT and FINE SAND, little shells, trace clay in bottom half of core, sulfur odor, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70029	9/25/2006	17:25	1116559.92	927423.17	2	363	361	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* SM *PID:* 0.8 *Jerome:* 0

Sample Description: 0 to 27 inches is wet, soft, gray, SILT and FINE SAND, trace shells, sulfur odor. Rest of core is wet, soft, GRAY LAYER, some silt, trace fine sand, trace shells, sulfur odor, MARL (CL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-70030	9/25/2006	18:15	1116809.31	927657.89	2.5	362.9	360.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.9	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 3.3 *USCS:* SM *PID:* 5 *Jerome:* 0

Sample Description: 0 to 17 inches wet, soft, black to dark gray SILT, some fine sand, some organics, trace wood fragments, slight petroleum-like odor. Rest of core is wet, soft, gray, SILT, some fine sand, little shells, sulfur odor, (MARL).

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SM *PID:* 3.9 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, trace organics, little shells, sulfur odor, (MARL).

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SM *PID:* 4.7 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, little shells, sulfur odor, (MARL).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SM *PID:* 4.2 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT, some fine sand, little to trace shells, sulfur odor, (MARL).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SM *PID:* 5 *Jerome:* 0

Sample Description: Wet, soft, gray, SILT and FINE SAND, some to little shells, sulfur odor, (MARL).

Upper depth (ft): 16.5 *Lower depth (ft):* 19.8 *USCS:* SM *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, gray to dark gray, SILT, some fine sand, trace clay, trace shells, sulfur odor in top half, (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80023	10/7/2006	10:57	1129677.26	914733.19	60.6	362.8	302.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	3.4	3.4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft black SILT, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80024	10/7/2006	15:50	1123471.14	920313.37	53.8	362.7	308.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	3	2.9	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80025	10/7/2006	11:55	1123488.06	9206408	60.5	362.7	302.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	3.7	3.7	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80026	10/7/2006	13:45	1120038.25	925596.99	53.5	362.7	309.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	3.2	3.2	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80027	10/7/2006	14:45	1118576.68	925861.33	35.2	362.7	327.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	3	3	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80028	10/9/2006	07:30	1118619.2	923386.49	34	362.7	328.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little clay, strong petroleum odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, low plasticity, strong petroleum odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 2.1 *Jerome:* 0

Sample Description: Wet, soft, black to gray to black, SILT, little to some clay, trace fine sand, low plasticity in bottom half of core, very strong petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 2.1 *Jerome:* 0

Sample Description: Wet, soft, black to gray to black, SILT, little to some clay, trace fine sand, low plasticity in bottom half of core, very strong petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: 0 to 11 inches is wet, soft, black, SILT, trace fine sand, coal-like fragments from 7 to 9 inches, strong petroleum-like odor. 11 to 27 inches is wet, very soft to soft, greenish-blue, SILT and silt-like grains, trace fine sand, mothball odor (SOLW). 27 inches to end of core is wet, soft, greenish-blue to black, SILT, little clay, trace fine sand, mothball- and petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: 0 to 9 inches is wet, soft, black, SILT, little to some clay, trace fine sand, coal-like fragments in upper 2 inches, slight petroleum-like odor (ML). 9 inches to end of core is wet, medium stiff, dark grayish-brown, SILT and CLAY, trace fine sand, moderate to high plasticity, black discoloration throughout (CL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80028	10/9/2006	07:30	1118619.2	923386.49	34	362.7	328.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, medium stiff, dark grayish-brown, CLAY and SILT, black discoloration throughout.

Upper depth (ft): 16.5 *Lower depth (ft):* 17.2 *USCS:* CL *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, medium stiff, dark grayish-brown, CLAY and SILT, black discoloration throughout.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80029	10/9/2006	08:50	1118587.03	924083.93	32.6	362.7	330.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 1.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 5.4 *Jerome:* 0

Sample Description: Wet, very soft, grayish-green to grayish-white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 5.2 *Jerome:* 0

Sample Description: Wet, soft, whitish-green, silt-like grains, trace fine sand, 0.5 inch thick Solvay chunks in upper 6 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 13.6 *Jerome:* 0

Sample Description: Wet, soft, grayish-blue to light green to grayish-green, silt-like grains, trace fine sand, black discoloration from 3 to 4 inches and from 28 to 29 inches, coal-like fragments from 3 to 4 inches, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 10.6 *Jerome:* 0

Sample Description: 0 to 26 inches is wet, soft, grayish-green, silt-like grains, trace fine sand, some degraded NAPL globules from 11 to 26 inches, mothball and petroleum-like odor (SOLW). Rest of core is wet, soft, dark gray, SILT, trace fine sand, petroleum-like odor (ML).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 6.4 *Jerome:* 0

Sample Description: Wet, soft, grayish-green to light grayish green, silt-like grains, trace fine sand, black discoloration from 21 to 25 inches, small Solvay chunks within discoloration.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80029	10/9/2006	08:50	1118587.03	924083.93	32.6	362.7	330.1	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 20 *USCS:* SOLW *PID:* 14.2 *Jerome:* 0

Sample Description: Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 4 to 5 inches, pin size NAPL globules from 20.5 to 24 inches, mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80030	10/9/2006	10:00	1118544.7	924725.98	31.5	362.7	331.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 2.9 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 5.2 *Jerome:* 0

Sample Description: 0 to 9 inches is wet, soft black, SILT and silt-like grains, trace fine sand, 0 to 0.5 inch thick Solvay chunks from 4 to 8 inches. Rest of core is wet, soft, green to grayish green silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 3.9 *Jerome:* 0

Sample Description: Wet, soft, grayish green, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 3.9 *Jerome:* 0

Sample Description: Wet, soft, grayish green, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 4.6 *Jerome:* 0

Sample Description: Wet, soft, grayish green, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 2.1 *Jerome:* 0

Sample Description: 0 to 4 inches is wet, soft, black, silt-like grains, trace fine sand, small Solvay chunks throughout, mothball odor. Rest of core is wet, soft grayish-white to grayish green, silt-like grains, trace fine sand, mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80030	10/9/2006	10:00	1118544.7	924725.98	31.5	362.7	331.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 2.9 *Jerome:* 0

Sample Description: Wet, soft, grayish white to grayish green, silt-like grains, trace fine sand, dark gray discoloration at 39 inches and 42 inches, mothball odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 20 *USCS:* SOLW *PID:* 2 *Jerome:* 0

Sample Description: Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80031	10/9/2006	11:05	1118458.26	925320.47	34	362.7	328.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0.1	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* SOLW *PID:* 1.3 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT and silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* SOLW *PID:* 3.4 *Jerome:* 0

Sample Description: Wet, soft, blue-green to grayish-white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 3.4 *Jerome:* 0

Sample Description: Wet, soft, grayish-green, silt-like grains, trace fine sand, black discoloration from 30 to 34 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 1.9 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine sand, pin size NAPL globules from 5 to 8 inches, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 1.9 *Jerome:* 0

Sample Description: Wet, soft, grayish-white, silt-like grains, trace fine black sand, black discoloration from 34 to 35 inches and dark gray from 37 inches to end of core, mothball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 2.2 *Jerome:* 0

Sample Description: Wet to moist, soft to hard, grayish-green to grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 11 to 13 inches, isolated pin size NAPL globules at 18 inches, mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80031	10/9/2006	11:05	1118458.26	925320.47	34	362.7	328.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	20	<input type="checkbox"/>	0.1	
Comments:																

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 2.2 *Jerome:* 0

Sample Description: Wet to moist, soft to hard, grayish-green to grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 11 to 13 inches, isolated pin size NAPL globules at 18 inches, mothball odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 20 *USCS:* SOLW *PID:* 18.6 *Jerome:* 0

Sample Description: Wet, soft, grayish-white to grayish-green, silt-like grains, trace fine sand, dark gray discoloration from 26 to 30 inches, mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80032	10/9/2006	12:20	1118423.13	926062.69	31	326.6	295.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 3.9 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little clay, trace fine sand, little organics in bottom half, slight petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 0.7 *Jerome:* 0

Sample Description: 0 to 12 inches is wet soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor (ML). 12 to 24 inches is wet, soft, dark gray, SILT and silt-like grains, trace fine sand, isolated pin size NAPL globules at 25 inches, slight mothball odor, 24 inches to end of core is wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor (SOLW).

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 1.1 *Jerome:* 0

Sample Description: 0 to 5 inches is wet, soft dark grayish-green, silt-like grains, little fine sand, mothball odor (SOLW). 5 inches to rest of core is wet, soft, gray, SILT, little clay, trace fine sand, slight petroleum-like odor (ML).

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 3.5 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80032	10/9/2006	12:20	1118423.13	926062.69	31	326.6	295.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 18.4 *USCS:* ML *PID:* 1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80033	10/9/2006	15:00	1118853.27	923782.94	45.4	362.7	317.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	3	20	19.7	<input type="checkbox"/>	0	
Comments: 2 other attempts discarded on-site. Increased D.F.T. due to refusal at 4' - wood chips.																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 2.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 5.9 *Jerome:* 0

Sample Description: Wet, soft, gray, silt and silt-like grains, trace clay, trace fine sand, black discoloration from 20 to 28 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 12.6 *Jerome:* 0

Sample Description: Wet, soft, dark gray to grayish-green, silt-like grains, trace fine sand, NAPL stringer in top 1 inch, several isolated NAPL globules throughout entire core, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* SOLW *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, soft, dark grayish-green to light grayish-green, silt-like grains, trace fine sand, NAPL stringer in top 1 inch, several mid size NAPL globules from 0 to 23 inches, mothball odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 2 *Jerome:* 0

Sample Description: Wet, soft, grayish-green to green, silt-like grains, trace fine sand, black discoloration from 4 to 5 inches and 11 to 27 inches, mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80033	10/9/2006	15:00	1118853.27	923782.94	45.4	362.7	317.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	3	20	19.7	<input type="checkbox"/>	0	
Comments: 2 other attempts discarded on-site. Increased D.F.T. due to refusal at 4' - wood chips.																

Upper depth (ft): 16.5 *Lower depth (ft):* 19.7 *USCS:* SOLW *PID:* 2.5 *Jerome:* 0

Sample Description: 0 to 20 inches wet, soft, greenish-blue to gray, silt-like grains, trace fine sand, mothball odor. Rest of core is wet, soft, black SILT and silt-like grains, trace fine sand, small Solvay chunks within, little clay in bottom 4 inches, faint petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80034	10/9/2006	15:50	1118808.82	924390.58	45.3	362.6	317.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.6	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 2.5 *Jerome:* 0

Sample Description: Wet, soft to very soft, black to grayish-white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 2.5 *Jerome:* 0

Sample Description: Wet, soft to very soft, black to grayish-white, silt-like grains, trace fine sand, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 3.2 *Jerome:* 0

Sample Description: Wet, soft, grayish-white to green to gray, silt-like grains, trace fine sand, black discoloration from 8 to 9 inches, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 4.2 *Jerome:* 0

Sample Description: Wet, soft dark gray silt and silt-like grains, trace fine sand, mothball odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80034	10/9/2006	15:50	1118808.82	924390.58	45.3	362.6	317.3	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19.6	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* SOLW *PID:* 19 *Jerome:* 0

Sample Description: 0 to 31 inches is wet, soft, greenish-blue to grayish-white to greenish-blue, silt-like grains, trace fine sand, several pin size NAPL globules throughout, NAPL stringer at 19 inches, mothball odor. Rest of core is wet, soft, dark gray, silt and silt-like grains, trace fine sand, little clay in last 3 inches, slight mothball odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 19.6 *USCS:* ML *PID:* 10.9 *Jerome:* 0

Sample Description: Wet, soft, black, silt and silt-like grains, trace fine sand, trace organics, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80035	10/9/2006	16:36	1118788.21	925064	42.6	362.6	320	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* SOLW *PID:* 2.9 *Jerome:* 0

Sample Description: 0 to 20 inches is wet, soft, black to dark gray, silt and silt-like grains, trace fine sand, trace organics, slight petroleum-like and mothball odor. Rest of core is grayish-green to grayish-white, silt-like grains, trace fine sand, isolated pin size NAPL globules at 23 inches and 36 inches, mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* SOLW *PID:* 8.1 *Jerome:* 0

Sample Description: Wet, soft, light grayish-green to gray, silt-like grains, trace fine sand, dark gray discoloration from 15 to 22 inches, small Solvay chunks within, mothball odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 1.8 *Jerome:* 0

Sample Description: Wet, soft, gray to dark gray, SILT, trace fine sand, little clay in last 12 inches of core, slight petroleum-like odor.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 5.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80035	10/9/2006	16:36	1118788.21	925064	42.6	362.6	320	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 19 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, low to moderate plasticity, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80036	10/10/2006	07:30	1118777.25	925582.28	41.1	362.7	321.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.5	<input type="checkbox"/>	0.2	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 9.8 *Jerome:* 0

Sample Description: 0 to 24 inches is wet, soft, black, SILT, little to some clay, low plasticity, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, gray, SILT and silt-like grains, trace fine sand, slight petroleum-like and mothball odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 9.8 *Jerome:* 0

Sample Description: 0 to 24 inches is wet, soft, black, SILT, little to some clay, low plasticity, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, gray, SILT and silt-like grains, trace fine sand, slight petroleum-like and mothball odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 9.7 *Jerome:* 0

Sample Description: Wet, soft, dark gray to gray, SILT, little silt-like grains, trace fine sand, petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 5.2 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80036	10/10/2006	07:30	1118777.25	925582.28	41.1	362.7	321.6	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	18.5	<input type="checkbox"/>	0.2	
Comments:																

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 11.3 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics in bottom top, petroleum-like odor.

Upper depth (ft): 16.5 *Lower depth (ft):* 18.5 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, soft, black to dark grayish brown, SILT, some clay, moderate plasticity. Rest of core is wet to medium stiff, dark grayish brown, CLAY and silt (CL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80037	10/6/2006	15:55	1120455.62	927210.22	38.2	362.7	324.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.4	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, slight organic odor, low plasticity.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace brown clay from 30 to 41 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80038	10/6/2006	15:20	1119919.05	927090.71	33.7	362.7	329	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.5	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, low plasticity, slight organic odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, little clay, slight organics odor, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80039	10/6/2006	14:45	1119442.47	926887.33	33.7	362.7	329	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.6	4.6	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace brown clay, slight organic odor, low plasticity.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Black, very soft, SILT, little clay, slight organic odor, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80040	10/6/2006	14:00	1119062.41	926712.81	33.2	362.7	329.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.2	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace brown clay, low plasticity.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, little brown clay, decreasing clay content with depth, low plasticity, slight organic odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80041	10/6/2006	13:15	1118839.66	923156.65	37.5	362.7	325.2	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.2	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.2 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80042	10/6/2006	12:45	1119997.6	921715.77	37.2	362.7	325.5	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.6	4.6	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80043	10/6/2006	11:10	1121119.28	921306.92	39	362.7	323.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.2	4.2	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.3 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor. Bottom 1 inch is wet, soft light gray, SILT, trace fine sand. Trace vertebrates at 34 inches.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80044	10/6/2006	10:30	1123842.25	919639.43	44	362.7	318.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.5	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: Wet, very soft to soft, black, SILT, trace fine sand, slight petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80045	10/6/2006	09:45	1124834.34	918863.97	35.8	362.7	326.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 10 inches is wet, soft, black, SILT, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, black to dark gray, SILT, trace fine sand, slight chlorobenzene odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0 *Jerome:* 0

Sample Description: 0 to 10 inches is wet, soft, black, SILT, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, black to dark gray, SILT, trace fine sand, slight chlorobenzene odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80046	10/7/2006	07:35	1127247.84	914921.9	33.1	362.8	329.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.4	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black to gray-brown varved, SILT, trace clay, bottom 2 inches is increased brown clay content, low plasticity.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Top 1 foot is wet, very soft, gray to black, SILT, little clay, bottom 1.5 feet is wet, very soft, black to gray varved, SILT, little clay, low plasticity, slight organic odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.2 *Jerome:* 0

Sample Description: Top 1 foot is wet, very soft, gray to black, SILT, little clay, bottom 1.5 feet is wet, very soft, black to gray varved, SILT, little clay, low plasticity, slight organic odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80047	10/7/2006	10:10	1127129.24	915478.38	35	362.7	327.7	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.4	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.5 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, black to gray, SILT, little clay.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80048	10/7/2006	09:20	1127200.35	915963.71	34.9	362.8	327.9	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, dark gray, SILT, some clay, low plasticity.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, soft, dark gray to black to grayish-white, SILT, some clay, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80049	10/7/2006	08:20	1119102.42	922978.63	32.8	362.8	330	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	4.5	4.4	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.1 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, little grayish-brown, low plasticity, clay, slight organic odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.5 *Jerome:* 0

Sample Description: 0 to 6 inches is wet, very soft, gray brown, SILT, some clay, low plasticity. Rest of core is, wet, very soft, black, SILT, trace clay, petroleum-like odor, low plasticity.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80050	10/10/2006	11:30	1119232.37	924201.85	54.6	362.6	308	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.4 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 1.7 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 17.1 *Jerome:* 0

Sample Description: Wet, very soft, black to dark gray, SILT, little fine sand, petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 2.1 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace clay, trace fine sand, petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* CL *PID:* 1.1 *Jerome:* 0

Sample Description: 0 to 15 inches is wet, soft, black, SILT, little to some clay, low to moderate plasticity. Rest of core is wet, soft to medium stiff, dark grayish-brown CLAY and SILT, moderate plasticity, trace shells.

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* CL *PID:* 1.1 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, dark grayish-brown, CLAY and SILT, moderate plasticity, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80050	10/10/2006	11:30	1119232.37	924201.85	54.6	362.6	308	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	17	<input type="checkbox"/>	0	
Comments:																

Upper depth (ft): 16.5 *Lower depth (ft):* 17 *USCS:* CL *PID:* 0.8 *Jerome:* 0

Sample Description: Wet, soft to medium stiff, dark grayish-brown, CLAY and SILT, moderate plasticity, trace shells, sulfur odor (MARL).

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80051	10/10/2006	12:20	1119150.99	925420.1	48.2	362.6	314.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 0 *Lower depth (ft):* 0.5 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 0.5 *Lower depth (ft):* 3.3 *USCS:* ML *PID:* 0.7 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand, petroleum-like odor.

Upper depth (ft): 3.3 *Lower depth (ft):* 6.6 *USCS:* ML *PID:* 2.3 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, trace fine sand grading to wet, very soft, grayish-white silt-like grains, trace fine sand, petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 2.2 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, very soft, grayish-white to gray, SILT and silt-like grains, little fine sand, slight petroleum and mothball odor. Rest of core is wet soft dark gray to black, silt and silt-like grains, trace clay, trace fine sand, very small Solvay chunks from 19 to 22 inches, petroleum-like odor.

Upper depth (ft): 6.6 *Lower depth (ft):* 9.9 *USCS:* ML *PID:* 2.2 *Jerome:* 0

Sample Description: 0 to 17 inches is wet, very soft, grayish-white to gray, SILT and silt-like grains, little fine sand, slight petroleum and mothball odor. Rest of core is wet soft dark gray to black, silt and silt-like grains, trace clay, trace fine sand, very small Solvay chunks from 19 to 22 inches, petroleum-like odor.

Upper depth (ft): 9.9 *Lower depth (ft):* 13.2 *USCS:* ML *PID:* 0.9 *Jerome:* 0

Sample Description: Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, petroleum-like odor.

ONONDAGA LAKE PHASE II PRE-DESIGN INVESTIGATION

Vibracore Field Log

Relinquished: _____ Date/Time: _____ Relinquished: _____ Date/Time: _____

Received: _____ Date/Time: _____ Received: _____ Date/Time: _____

Location ID	Date	Time	Northing	Easting	Water Depth (ft)	Water Elev. (ft)	Mud Line (ft)	Matrix	Sample Type	Core Recovered	# Attempts	Penetration Depth (ft)	Recovery Depth (ft)	Refusal	PID	Jerome
OL-VC-80051	10/10/2006	12:20	1119150.99	925420.1	48.2	362.6	314.4	SOIL	SEDIMENT	<input checked="" type="checkbox"/>	1	20	19	<input type="checkbox"/>		
Comments:																

Upper depth (ft): 13.2 *Lower depth (ft):* 16.5 *USCS:* ML *PID:* 0.8 *Jerome:* 0

Sample Description: 0 to 11 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity. Rest of core is wet, soft, dark grayish-brown, SILT and CLAY, moderate plasticity, trace shells.

Upper depth (ft): 16.5 *Lower depth (ft):* 19 *USCS:* ML *PID:* 0.6 *Jerome:* 0

Sample Description: Wet, medium stiff, dark grayish-brown, SILT and CLAY, moderate plasticity, trace shells.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20067

Date: 09/26/2006

Weather: 55 degrees F, 9 mph wind

Northing: 1120067.34
 Easting: 921495.87
 Mud Line: 334.9 Ft
 Surface Water Depth: 28.0 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: SARA CHMURA
 Penetration Depth: 12.0 Core Recovery Depth: 11.5

Water Elev: 362.9 Ft
 Attempts: 3
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0185-01/OL-0289-09	0.2		ML	Wet, very soft, black, SILT, trace fine sand, trace clay, little organics, petroleum-like odor.	Vibracore	Silt/fine sand
5	OL-0185-03	0.3		ML	Wet, soft, black, SILT, fine sand with clay, more dense toward the bottom of the core.	Vibracore	
	OL-0185-04/OL-0289-10	0.5		ML	Wet, soft, black-brown, SILT, little clay, trace fine sand, black discoloration at 7 inches, rest of core is medium dense to dense, fine SAND and SILT, cement-like odor, low plasticity.	Vibracore	fine Sand/Silt
10	OL-0185-05/OL-0290-04	0.2		SM	Wet, medium dense, black, fine SAND, little SILT, trace wood fragments, trace coarse sub-rounded gravel, organic odor.	Vibracore	
11.5							

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-20068

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle



Northing: 1119832.35

Easting: 921526.42

Mud Line: 349.6 Ft

Surface Water Depth: 13.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 362.9 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0185-06/OL-0290-05	0.8		SM	Wet, soft, loose, fine SAND and SILT, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	Marl
5	OL-0185-07/OL-0289-12	1.3		SM	Wet, soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
	OL-0185-08	0.5		SM	Wet, soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
10	OL-0185-09/OL-0290-06	0.3		SM	Wet, soft, gray, SILT, some fine SAND, little clay, trace shells, sulfur odor, (MARL).	Vibracore	
15	OL-0289-11	0.3		ML	Wet, soft, gray silt and clay, little fine sand, little shells, moderate plasticity, sulfur odor, marl.	Vibracore	
		0.3		ML	Wet, soft, gray SILT and CLAY, little f sand, little shells, moderate plasticity, sulfur odor.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Northing: 1119611.81

Easting: 921376.75

Mud Line: 360.9 Ft

Surface Water Depth: 2.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 17.8

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0185-10/OL-0290-07	2.2		SM	0 to 15 inches is wet soft, black, SILT and fine SAND. Some organics, petroleum-like odor, 15 to 36 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity, sulfur odor. Rest of core is wet, soft, grayish-white, SILT and fine SAND. Some oncolites.	Vibracore	Silt/fine sand
5	OL-0185-11/OL-0289-13	0.8		SM	Top ten inches: wet, soft, grayish-white, SILT and fine SAND, some oncolites. Rest of core is wet, very soft to soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	Marl
	OL-0185-12	0.3		SM	Wet, very soft to soft, gray, SILT and fine SAND, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
10	OL-0185-13/OL-0289-14	0.4		SM	0 to 9 inches is wet, soft, gray, SILT, some fine sand, trace clay, low plasticity. Rest of core is wet, soft, dark gray, SILT and fine SAND, trace clay in bottom of core, some oncolites.	Vibracore	Silt/fine sand
15	OL-0290-08	0.5		ML	0-12 inches is wet, soft to medium stif, gray silt, sittle fine sand, little clay, trace wood fragments, 12-24 inches is wet, dense red brown SILT, little fine sand, black organic discoloration, rest of core is moist, very stiff, redbrown clayand silt, high plasticity (CL).	Vibracore	Clay
17.8							

Null field readings indicate a reading was not taken.



Northing: 1119473.16

Easting: 921495.50

Mud Line: 361.3 Ft

Surface Water Depth: 1.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.2

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0185-14/OL-0289-15	1.4		SM	0 to 10 inches is wet, loose, black, fine SAND and GRAVEL, trace organics, petroleum-like odor, trace shells, 10 to 22 inches is wet medium stiff gray silt and fine sand, some oncolites, slight petroleum-like odor, rest of core is wet soft, gray SILT, some fine sand, trace clay, trace shells, sulfur odor, marl (SM-ML).	Vibracore	fine Sand/gravel
5	OL-0185-15	0.7		ML	Wet soft, gray, SILT, some fine sand, trace clay, trace shells, trace organics, sulfur odor, (MARL).	Vibracore	Marl
	OL-0185-16/OL-0289-16	0.3		ML	0 to 14 inches is wet, soft, gray, SILT, little fine sand, trace clay, low plasticity, trace organics, slight sulfur odor. Rest of core is wet, soft, dark gray, SILT, little fine sand, little to trace clay.	Vibracore	
10	OL-0185-17/OL-0290-09	0.3		ML	0 to 11 inches is wet, soft, gray, SILT, little clay, trace fine sand, 11 inches to 26 inches is moist, dense, gray to red-brown, fine SAND and SILT, black organic discoloration at 22 inches. Rest of core is moist, stiff, red-brown, CLAY, some silt, high plasticity (CL).	Vibracore	Clay
15	OL-0289-17	0.2		CL	Moist, medium stiff, redbrown CLAY, some silt, high plasticity.	Vibracore	
18.2	OL-0290-10	0.5		CL	Moist, medium stiff, redbrown clay and silt, moderate plasticity.	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1119428.66

Easting: 921703.69

Mud Line: 359.7 Ft

Surface Water Depth: 3.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 16.5

Water Elev: 362.9 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0187-01/OL-0289-18	4.5		ML	Top 3 inches is wet, loose, black fine SAND, little silt, trace shells. Rest of core is wet, soft, gray, SILT, some fine sand, trace clay in bottom 6 inches, some oncolites, trace shells, sulfur odor, (MARL).	Vibracore	fine Sand
5	OL-0187-02	3.7		ML	Wet, soft, gray, SILT, little fine sand, trace clay, little oncolites, trace shells, sulfur odor, (MARL).	Vibracore	Marl
	OL-0187-03/OL-0290-11	3.2		ML	Wet, soft, gray, SILT, little to some fine sand, trace clay, trace shells, trace organics, sulfur odor, (MARL).	Vibracore	
10	OL-0187-04	1.1		ML	0 to 17 inches is wet, soft, gray SILT, little fine sand, little clay, sulfur odor. Rest of core is wet, soft, dark gray, SILT, little fine sand, little clay, some oncolites, slight sulfur odor.	Vibracore	Silt/fine sand
15	OL-0289-19	0.0		SM	0-10 inches is wet, soft, gray SILT, little fine sand, trace clay, some oncolites, rest of core is moist, dense gray to red-brown fine sand, little silt, trace clay, black organic discoloration.	Vibracore	
16.5							

Null field readings indicate a reading was not taken.



Northing: 1119415.12

Easting: 921606.78

Mud Line: 360.5 Ft

Surface Water Depth: 2.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.2

Core Recovery Depth: 18.5

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0186-01/OL-0289-20	2.5		SM	Top two inches is wet, loose, black, fine SAND and GRAVEL, trace organics, petroleum-like odor. Rest of core is wet, soft, gray, SILT and fine SAND, some oncolites, trace shells, sulfur odor, (MARL).	Vibracore	
5	OL-0186-02	2.7		ML	Wet, soft gray, SILT, some fine sand, trace clay, some oncolites on top of core, little shells, sulfur odor, (MARL).	Vibracore	Marl
	OL-0186-03/OL-0290-12	0.7		ML	Wet, soft, gray, SILT, little fine sand, trace clay, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
10	OL-0186-04/OL-0290-01	0.3		ML	Wet, soft, gray to dark gray, SILT, some fine sand, some oncolites, trace clay in bottom of core, trace shells, trace organics.	Vibracore	
15							Clay
18.5	OL-0290-13	0.3		CL	Moist, soft, red-brown clay and silt, moderate plasticity.	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1119359.43

Easting: 921665.04

Mud Line: 360.5 Ft

Surface Water Depth: 2.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.4

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0186-05	3.1		SM	Wet, loose, gray, fine SAND and SILT, some oncolites, trace shells, trace organics, sulfur odor, (MARL). From 0 to 27 inches isolated pin-sized NAPL globules throughout.	Vibracore	Silt/fine sand
5	OL-0186-07/OL-0290-02	1.8		ML	Wet, soft, gray, SILT, some to little fine sand, trace clay, trace oncolites and shells, sulfur odor, (MARL).	Vibracore	
	OL-0186-08	0.8		ML	Wet, soft, gray, SILT, little clay, little fine sand, trace shells, trace brown organics, sulfur odor, (MARL).	Vibracore	
10	OL-0186-09/OL-0290-14	0.4		ML	0 to 20 inches is wet, soft, gray SILT, little fine sand, trace clay, trace shells, sulfur odor. Rest of core is wet, soft, dark gray, SILT, some fine sand, trace clay, some small oncolites, trace shells, slight sulfur odor, (MARL).	Vibracore	
15	OL-0290-15	0.3		SM	0-8 inches is wet, soft, gray SILT, trace fine sand, little clay, rest of core is dark-gray to red-brown fine sand and silt, little to trace clay, dense.	Vibracore	Clay
18.4							

Null field readings indicate a reading was not taken.



Northing: 1119386.98

Easting: 921635.02

Mud Line: 360.5 Ft

Surface Water Depth: 2.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.6

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0186-10/OL-0290-16	4.0		SM	Top 2 inches wet, soft, black, SILT and fine SAND, trace shells, tar-like texture, petroleum-like odor. Rest of core is wet, loose, gray fine SAND and SILT, some oncolites, trace clay, trace shells, sulfur odor, trace organics, ((MARL)).	Vibracore	MARL
5	OL-0186-11	2.4		ML	Wet, soft, gray, SILT, little fine sand, trace clay trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
	OL-0186-12/OL-0290-03	1.0		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace organics, trace shells, sulfur odor, (MARL).	Vibracore	
10	OL-0186-13	0.4		ML	Wet, soft, light-gray to dark gray, SILT, little fine sand, trace clay, trace shells, trace oncolites, slight sulfur odor top half of core (MARL).	Vibracore	
15	OL-0290-17	0.3		SM	Wet, dense, gray to red-brown FINE SAND, some silt, trace clay in bottom of core, trace black organics.	Vibracore	Fine SAND
18.6	OL-0290-18	0.3		CL	Top 6 inches is moist, very dense, red-brown FINE SAND, trace silt, rest of core is wet, soft, red-brown CLAY and SILT, moderate plasticity, trace black organics.	Vibracore	CLAY

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30034

Date: 10/02/2006

Weather: 60 degrees F, winds 9 mph



Northing: 1125003.00

Easting: 918520.30

Mud Line: 336.7 Ft

Surface Water Depth: 26.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0195-01			SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor, black discoloration from 5 to 6 inches	Vibracore	
	OL-0285-13			SOLW	Top 0 to 7 inches is wet, soft, black, SILT, ammonia-like odor (ML). Rest of core is wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor.	Vibracore	
5	OL-0277-10			SOLW	Wet, soft to medium stiff white silt-like grains, trace fine sand, 0.5 to 1 inch solway chunks throughout, mothball odor.	Vibracore	Solvay Waste
	OL-0277-11			SOLW	Wet, soft to medium stiff white silt-like grains, trace fine sand, 0.5 to 1 inch solway chunks throughout, trace organics, mothball odor.	Vibracore	
10	OL-0285-14			SOLW		Vibracore	

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30034

Date: 10/02/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1125003.00

Easting: 918520.30

Mud Line: 336.7 Ft

Surface Water Depth: 26.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0285-14			SOLW	Wet, soft, medium stiff, grayish white silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
15	OL-0277-12			SOLW	0-37 inches is wet, soft, medium stiff, grayish white silt-like grains, trace fine sand, trace organics, mothball odor. 37 to 38.5 inches is black discoloration, ammonia-like and mothball odor. 38.5 to end of core is wet, soft, grayish green silt-like grains.	Vibracore	Solvay Waste
19.8	OL-0277-13			SOLW	Wet, soft, grayish green silt-like grains, slight ammonia odor.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30035

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1124645.95

Easting: 918722.75

Mud Line: 335.6 Ft

Surface Water Depth: 27.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.6

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0195-10	0.0		ML	Wet, soft, olive gray, SILT, trace fine sand. Background PID=5.8.	Vibracore	Silt
	OL-0277-06	0.0		SOLW	0 to 13 inches is wet, soft to very soft, olive gray to black SILT, trace to little fine sand (ML). 13 inches to rest of core is wet, soft, bluish-green to grayish-white, silt-like grains, trace fine sand, mothball odor. Background PID=5.8.	Vibracore	
5	OL-0277-07			SOLW	Wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor. 31 inches to end of core is black discoloration with mothball and ammonia-like odor.	Vibracore	Solvay Waste
	OL-0282-18			SOLW	Wet, very soft to soft, grayish-white silt-like grains, trace fine sand, mothball odor.	Vibracore	
10	OL-0277-08						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30035

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1124645.95

Easting: 918722.75

Mud Line: 335.6 Ft

Surface Water Depth: 27.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.6

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0277-08	0.0		SOLW	Wet, soft, grayish-white silt-like grains, trace fine sand, dark gray discoloration from 5 to 8 inches and 37 inches to end of core. Brownish-green discoloration from 8 to 9 inches and from 18 to 21 inches, has a mothball odor.	Vibracore	Solvay Waste
15	OL-0277-09	0.0		SOLW	0-25 inches is wet, soft, grayish-white to bluish-green silt-like grains, trace fine sand, mothball odor (SOLW), grading to wet soft, dark gray to black SILT, trace fine sand, slight ammonia-like odor (ML).	Vibracore	
19.6	OL-0282-19	0.0		CL	Wet, soft, dark brown with black discoloration throughout SILT and CLAY, moderate plasticity.	Vibracore	Clay

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30036

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph



Northing: 1123677.29

Easting: 919470.30

Mud Line: 337.5 Ft

Surface Water Depth: 25.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 17.3

Water Elev: 362.9 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0196-01	0.0		ML	Wet, soft, olive-gray, SILT, little fine sand.	Vibracore	
					0 to 17 inches is wet, soft, olive gray to black, SILT, little fine sand, slight mothball odor in lower portion (ML). Rest of core is very soft to soft, bluish green to grayish-green, silt-like grains, trace fine sand, mothball odor (SOLW).	Vibracore	Silt/fine sand
	OL-0282-20	0.0		ML			
					Wet, very soft, grayish-white to pistacio to grayish-green silt-like grains, trace fine sand, mathball and slight ammonia-like odor.		
5	OL-0277-18	0.0		SOLW		Vibracore	Solvay Waste
					0-27 inches is wet, soft to stiff grayish-green to bluish-green silt-like grains, trace fine sand, mothball and ammonia-like odor (SOLW). 27 in to 31 inches is wet, soft, black SILT, little fine sand, slight mothball odor (ML). 31 inches is wet, soft, black SILT, little fine sand, slight mothball odor (ML). 31 inches to rest of core is wet, soft dark brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	
	OL-0277-19	0.0		SOLW			
							Marl
10	OL-0285-01						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30036

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1123677.29

Easting: 919470.30

Mud Line: 337.5 Ft

Surface Water Depth: 25.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 17.3

Water Elev: 362.9 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0285-01	0.0		CL	Wet, soft dark brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	
	OL-0277-20	0.0		CL	Wet, soft dark brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl
15	OL-0285-02	0.0		CL	Wet, soft light brown silt and clay, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	
17.3							

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30037

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1123334.73

Easting: 919843.76

Mud Line: 334.3 Ft

Surface Water Depth: 28.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.9

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0195-12			ML	Wet, soft, black, SILT, trace fine sand.	Vibracore	
	OL-0282-17			SOLW	Wet, very soft to soft, black to bluish green to grayish-white, SILT grading to silt-like grains, trace fine sand, mothball odor in lower half.	Vibracore	Silt/fine sand
5	OL-0278-02			SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, large organic seam from 31 to 34 inches, mothball and slight ammonia-like odor.	Vibracore	
	OL-0278-01			SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, trace organics, 1-2 inch thick solvay chunks, mothball odor.	Vibracore	Solvay Waste
10	OL-0282-15			SOLW		Vibracore	

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30037

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Northing: 1123334.73

Easting: 919843.76

Mud Line: 334.3 Ft

Surface Water Depth: 28.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.9

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0282-15			SOLW	0-30 inches is wet, very soft, grayish-white to grayish-green to gray, silt-like grains grading to SILT, trace fine sand, 0.5 inch thick solvay chunks in upper 10 inches, mothball and slight ammonia-like odor grading to ammonia-like odor (SOLW). 30 inches to end of core is wet, soft, dark gray silt and some clay, low to moderate plasticity, slight ammonia-like odor (ML).	Vibracore	Solvay Waste
15	OL-0282-16			CL	Wet, soft, olive gray with black discoloration SILT and CLAY, moderate plasticity, trace shells.	Vibracore	Marl
				CL	Wet, soft, olive gray with black discoloration, SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor.	Vibracore	
19.9							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30038

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph



Northing: 1121027.13

Easting: 920969.42

Mud Line: 342.7 Ft

Surface Water Depth: 20.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.1

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0195-14			SOLW	Wet, very soft, black, silt-like grains, trace fine sand, 0.5 inch thick Solvay chunks throughout, mothball odor	Vibracore	
	OL-0285-03			SOLW	Wet, soft, grayish-white, silt-like grains, trace fine and, mothball odor.	Vibracore	
5	OL-0278-03			SOLW	Wet, soft, grayish-white to light grayish green silt-like grains, trace fine sand, black discoloration from 13 inches to 23 inches, mothball odor.	Vibracore	Solvay Waste
	OL-0285-04			SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, mothball odor. 1 inch thick solvay chunks in bottom half.	Vibracore	
10	OL-0278-04			SOLW		Vibracore	

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30038

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1121027.13

Easting: 920969.42

Mud Line: 342.7 Ft

Surface Water Depth: 20.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.1

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0278-04			SOLW	0-34 inches is wet, soft to medium stiff, grayish-white silt-like grains, trace fine sand, 1 inch thick solway chunks throughout, mothball odor. 34 inches to the end, is wet, soft, grayish-green, silt-like grains, trace fine sand, mothball odor.	Vibracore	Solway Waste
15	OL-0278-05			SOLW	0-33 inches is wet, soft greenish-blue silt-like grains grading to SILT. Trace fine sand, mothball odor grading to slight ammonia-like odor. 33 inches to rest of core is wet, soft, black SILT, trace fine sand, ammonia-like odor (ML).	Vibracore	
	OL-0285-05			CL	Wet, soft to medium stiff, light olive gray clay and silt, moderate plasticity, trace shells, black discoloration in top 3 inches, sulfur odor (MARL).	Vibracore	Marl
20							

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30038

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1121027.13

Easting: 920969.42

Mud Line: 342.7 Ft

Surface Water Depth: 20.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.1

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
20.1	OL-0285-05			CL		Vibracore	Marl

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30039

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph



Northing: 1124497.93

Easting: 918519.73

Mud Line: 344.5 Ft

Surface Water Depth: 18.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0277-14	0.0		SOLW	Wet, soft to very soft, blue-green to grayish-white to dark gray, silt-like grains grading to SILT, trace fine sand, dark gray discoloration from 13 inches to 18 inches and from 26 inches to 27 inches. Zebra muscle shells in top 1 inch, mothball odor.	Vibracore	
5	OL-0285-06	0.0		SOLW	Wet, soft, light green-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 11 to 13 inches, mothball odor.	Vibracore	
	OL-0277-15	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
10	OL-0285-07	0.0		SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, trace organics, mothball odor.	Vibracore	Solvay Waste
15	OL-0277-16	0.0		SOLW	Wet, soft, grayish white, Silt-like grains, trace fine Sand, mothball odor.	Vibracore	
	OL-0277-17	0.0		SOLW	Wet, soft, bright green to graish white to grayish green silt-like grains, trace fine sand, mothball and ammonia-like odor.	Vibracore	
20.0							

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30040

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1123561.06

Easting: 919388.34

Mud Line: 346.3 Ft

Surface Water Depth: 16.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.1

Core Recovery Depth: 20.1

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0276-19			SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
5	OL-0285-08			SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
	OL-0276-20			SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	SOLVAY WASTE
10	OL-0285-09			SOLW	Wet, soft, medium stiff, grayish green to bright green to grayish white to greenish blue, silt-like grains, trace fine sand, mothball odor.	Vibracore	
15							
20.1	OL-0277-01			SOLW	Wet, soft, brown, silt and clay, trace shells, sulfur odor (MARL), moderate plasticity.	Vibracore	MARL

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30041

Date: 09/27/2006

Weather: 59 degrees F, 10 mph wind



Northing: 1124394.52

Easting: 918100.85

Mud Line: 359.9 Ft

Surface Water Depth: 2.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 362.8 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0187-05/OL-0285-11	0.0		SOLW	Wet, soft, grayish-white silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
5	OL-0187-06/OL-0278-06	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
	OL-0187-08/OL-0278-07	3.4		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor. 2 inch thick Solvay chunk at 18 inches.	Vibracore	
10	OL-0187-09/OL-0285-12	0.8		SOLW	Wet, soft grayish-white, silt-like grains, trace fine sand in top half of core, dark gray discoloration at 21 inches and 29 inches, mothball odor.	Vibracore	Solvay Waste
15	OL-0187-10/OL-0278-08	0.9		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor.	Vibracore	
19.8	OL-0187-11/OL-0278-09	6.2		SOLW	Wet, soft, grayish-white to grayish-blue, silt-like grains, trace organics, small pin-sized isolated NAPL globule at 30 inches and 36 inches. Mothball odor.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-30042

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph



Northing: 1124360.95

Easting: 918392.00

Mud Line: 353.8 Ft

Surface Water Depth: 9.1 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0285-10	0.0		SOLW	Wet, soft, bluish-green to gray to grayish-white, silt-like grains, trace fine sand, mothball odor. Background PID=3.7.	Vibracore	
5	OL-0277-02	0.0		SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 19 to 21 inches, mothball odor. Background PID=5.7.	Vibracore	
	OL-0195-06	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, mothball odor. Background PID=3.8.	Vibracore	
10	OL-0277-03	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, 2 inch thick Solvay chunks in bottom half, mothball odor. Background PID=4.8	Vibracore	Solvay Waste
15	OL-0277-04	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor. Background PID=5.6.	Vibracore	
19.8	OL-0277-05	0.0		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 29 to 30 inches, light green from 30 to 33 inches, mothball odor. Background PID=6.6.	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1124086.72

Easting: 918489.40

Mud Line: 360.5 Ft

Surface Water Depth: 2.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0187-12/OL-0285-15	8.4		SOLW	Top 15 inches is wet, medium stiff to soft, grayish-white, silt-like grains, little black fine sand, zebra mussels in top, 0.5 inch thick Solvay chunks at 5 inches and 14 inches. Rest of core is wet, soft, grayish-white, silt-like grains, trace fine sand, small pin-sized isolated NAPL globule at 20 inches, mothball odor.	Vibracore	
5	OL-0187-13/OL-0278-10	20.1		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, trace organics, mothball odor, green discoloration at 32 inches.	Vibracore	Solvay Waste
	OL-0187-14/OL-0278-11	7.6		SOLW	0 to 32 inches is wet, soft, light-blue to grayish-blue, silt-like grains, trace fine sand, mothball odor. Rest of core is wet, medium dense, gray, fine SAND and SILT, little shells, slight mothball odor, (MARL).	Vibracore	
10	OL-0187-15/OL-0285-16	34.4		ML	Wet, soft, dark gray to gray, SILT, some fine sand, little shells, trace organics, sulfur odor, (MARL).	Vibracore	
15	OL-0187-16/OL-0278-12	17.9		ML	Wet, soft, gray, SILT, little clay, little fine sand, little shells, trace organics, low plasticity, sulfur odor, (MARL).	Vibracore	Marl
19.4	OL-0187-17/OL-0285-17	13.1		CL	Moist, soft, gray, CLAY and SILT, little fine sand to trace fine sand, trace organics, sulfur odor, (MARL).	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1127102.33

Easting: 914737.09

Mud Line: 334.3 Ft

Surface Water Depth: 28.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0192-17	0.1		ML	Wet, very soft, dark gray, SILT, trace clay.	Vibracore	Silt
	OL-0192-18/OL-0292-03	0.1		ML	Wet, very soft, grayish-brown to black, SILT, trace clay, trace organics.	Vibracore	
5	OL-0292-04	0.1		ML	Wet, very soft, black, SILT, little clay, low plasticity, trace organics.	Vibracore	
		0.2		ML	0 to 31 inches is wet, soft, black SILT, little clay, low plasticity, trace organics. Rest of core is moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (CL).	Vibracore	Marl
10	OL-0287-02	1.3		CL	Moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (MARL).	Vibracore	
15	OL-0292-05	1.4		CL	Moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (MARL).	Vibracore	
19.8	OL-0287-03	1.6		CL	Moist, brown, soft, CLAY, some silt, trace shells, moderate plasticity (MARL).	Vibracore	

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1126826.87

Easting: 914439.87

Mud Line: 339.2 Ft

Surface Water Depth: 23.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.8

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0190-14	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
	OL-0190-15/OL-0287-04	0.1		ML	Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
5	OL-0292-06	0.0		ML	Wet, soft, dark-gray SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
	OL-0287-05	0.0		ML	Wet, soft, dark gray SILT, trace fine sand, organic odor.	Vibracore	
10	OL-0292-07	5.5		CL	Top 3 inches is moist, soft, dark gray SILT, trace fine sand, organic odor (ML). Rest of core is moist, medium stiff light brown clay and silt, moderate plasticity, sulfur odor, trace shells, marl.	Vibracore	Marl
14							



Northing: 1126826.87
 Easting: 914439.87
 Mud Line: 339.2 Ft
 Surface Water Depth: 23.7 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: SARA CHMURA
 Penetration Depth: 20.0 Core Recovery Depth: 18.8

Water Elev: 362.9 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14							
15							
	OL-0292-08	1.7		CL	Core is moist, medium stiff light brown clay and silt, moderate plasticity, sulfur odor, trace shells, marl.	Vibracore	Marl
18.8							

Null field readings indicate a reading was not taken.



Northing: 1126806.64

Easting: 914808.69

Mud Line: 338.6 Ft

Surface Water Depth: 24.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.6

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0192-07/OL-0286-04	0.0		ML	Wet, very soft, dark gray, SILT, little clay, trace organics, slight petroleum-like odor.	Vibracore	Silt
5	OL-0192-08/OL-0292-09	0.1		ML	Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum-like odor.	Vibracore	
	OL-0286-05	0.0		ML	Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum-like odor.	Vibracore	
10	OL-0292-10	0.0		ML	Wet, soft, dark gray to black, SILT, little clay, trace organics, slight petroleum-like odor.	Vibracore	
15	OL-0292-11	0.1		CL	0 to 14 inches is moist, soft, brown with black discoloration, CLAY, some silt, moderate plasticity, slight petroleum-like odor, rest of core is moist, medium stiff, brown with black organics discoloration, CLAY, some silt, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl
18.6	OL-0286-06	0.5		CL	moist, medium stiff, brown with black organics discoloration, CLAY, some silt, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1126800.45
 Easting: 915144.12
 Mud Line: 339.0 Ft
 Surface Water Depth: 24.0 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: SARA CHMURA
 Penetration Depth: 20.0 Core Recovery Depth: 19.8

Water Elev: 363.0 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0192-19	0.1		ML	Wet, very soft, grayish-brown, SILT, trace fine sand, trace organics.	Vibracore	Silt
	OL-0192-20/OL-0288-07	0.1		ML	Wet, soft, grayish-brown, SILT, little clay, black discoloration throughout, low plasticity, trace organics.	Vibracore	
5	OL-0279-05	0.1		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics, low plasticity.	Vibracore	
	OL-0279-06	0.1		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics.	Vibracore	
10	OL-0288-08	0.1		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics.	Vibracore	
14	OL-0279-07	0.2		ML	Wet, soft, dark gray, SILT, little clay, low plasticity, black discoloration throughout, trace organics.	Vibracore	

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40019

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph



Northing: 1126800.45

Easting: 915144.12

Mud Line: 339.0 Ft

Surface Water Depth: 24.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14	OL-0279-07	0.2		ML	Wet, soft, dark gray, SILT, little clay, low plasticity, black discoloration throughout, trace organics.	Vibracore	Silt
15							
	OL-0288-09	0.1		ML	Wet, soft, dark gray to black, SILT, little to some clay, trace organics, low to moderate plasticity.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40020

Date: 09/30/2006

Weather:

Northing: 1126854.21

Easting: 915622.11

Mud Line: 339.6 Ft

Surface Water Depth: 23.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Rig Type:

Total Depth: 19.8 Ft

Water Elev: 363.2 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0							ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics.	Vibracore	
							ML	Wet, soft, black to dark gray, SILT, little clay, trace organics.	Vibracore	
5							ML	Wet, soft, dark gray to grayish brown, SILT, little clay, trace organics.		
							ML	Wet, soft, dark gray to grayish brown, SILT, little clay, dark brown discoloration at 20 inches, 28 inches, 34.5 inches and 37 inches to end of core.		
10							ML	Wet, soft, grayishbrown grading to dark gray, SILT, trace clay, black discoloration throughout bottom half of core.		
14							ML	Wet, soft, dark gray with black discoloration, SILT, some clay, low to moderate plasticity.		

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40020

Date: 09/30/2006

Weather:



Northing: 1126854.21

Easting: 915622.11

Mud Line: 339.6 Ft

Surface Water Depth: 23.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Rig Type:

Total Depth: 19.8 Ft

Water Elev: 363.2 Ft

Depth Units: Ft

Depth Ft	Recov	Sample ID	Blow Count	N Value	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14								Wet, soft, dark gray with black discoloration, SILT, some clay, low to moderate plasticity.		
15						ML				
								Wet, soft, dark gray with black discoloration, SILT, some clay, low to moderate plasticity.		
						ML				
19.8										

Null field readings indicate a reading was not taken. Descriptions based on sample photos due to database error.

Honeywell

Northing: 1127043.26

Easting: 915965.00

Mud Line: 334.2 Ft

Surface Water Depth: 28.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0194-01	0.4		ML	Wet, very soft, brown to black, SILT, trace clay, trace organics.	Vibracore	Silt
	OL-0194-02/OL-0286-02	0.4		ML	Wet, soft, black and dark gray, SILT, trace clay, trace organics.	Vibracore	
5	OL-0280-08	1.4		ML	Wet, soft, grayish brown and black, little clay, trace organics, low plasticity, trace fine angular gravel.	Vibracore	
	OL-0280-07	0.4		ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	
10	OL-0280-09	0.6		ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	
14	OL-0286-03	0.6		CL	Moist, soft, black CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor.	Vibracore	Clay/Silt



Northing: 1127043.26

Easting: 915965.00

Mud Line: 334.2 Ft

Surface Water Depth: 28.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14	OL-0286-03	0.6		CL	Moist, soft, black CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor.	Vibracore	Clay/Silt
15							
	OL-0280-10	0.5		CL	Moist, soft, black CLAY and SILT, trace fine sand, moderate plasticity, trace organics, organic odor. Wood slivers and fragments from 23.5 to 25.5 inches	Vibracore	
19.4							

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1126896.51

Easting: 916606.40

Mud Line: 341.8 Ft

Surface Water Depth: 21.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0193-03	0.5		ML	Wet, very soft, black SILT, little clay, trace organics.	Vibracore	Silt
	OL-0193-04/OL-0288-05	0.5		ML	Wet, very soft, black and grayish-brown, SILT, little clay, low plasticity, trace organics.	Vibracore	
5	OL-0292-18	0.4		ML	Wet, soft, grayish brow SILT, little clay, trace organics, low plasticity.	Vibracore	
	OL-0292-19	0.4		ML	Wet, soft, grayish-brown to black, SILT, little clay, low plasticity, trace organics.	Vibracore	
10	OL-0293-01	0.3		ML	Moist, soft, brown and black SILT, little to some clay, black fine sand seam 1/8 inch thick at 24 inches, trace shells, trace organics, low to moderate plasticity.	Vibracore	
14	OL-0288-06	0.4		CL	Moist, soft to medium stiff, red-brown and black to brown SILT, little clay to some clay, moderate plasticity, trace shells.	Vibracore	Clay/Silt

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40022

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Honeywell

Northing: 1126896.51

Easting: 916606.40

Mud Line: 341.8 Ft

Surface Water Depth: 21.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14							
15	OL-0288-06	0.4		CL	Moist, soft to medium stiff, red-brown and black to brown SILT, little clay to some clay, moderate plasticity, trace shells.	Vibracore	Clay/Silt
	OL-0293-02	0.5		CL	Moist, medium stiff, brown CLAY and SILT, moderate plasticity, trace shells.	Vibracore	
19.4							

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1127090.23

Easting: 916422.64

Mud Line: 335.9 Ft

Surface Water Depth: 27.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.0

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0194-10	0.7		ML	Wet, very soft, brown, SILT, trace clay, trace organics, decomposing plant odor.	Vibracore	Silt
	OL-0194-11/OL-0279-16	0.7		ML	Wet, very soft, red-brown and black, SILT, little clay, low plasticity, slight decomposing plant odor.	Vibracore	
5	OL-0285-18	0.8		ML	Wet, soft, dark gray and black SILT, trace to little clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	
	OL-0279-17	0.7		ML	Wet, soft, black to dark brown SILT grading to clay and silt, low to moderate plasticity, slight sulfur odor (ML-CL).	Vibracore	Marl
10	OL-0279-18	0.6		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	
14	OL-0285-19	0.7		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40023

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph



Northing: 1127090.23

Easting: 916422.64

Mud Line: 335.9 Ft

Surface Water Depth: 27.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.0

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14							
15	OL-0285-19	0.7		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	Marl
	OL-0279-19	0.6		CL	Moist, medium stiff, brown CLAY, little silt, trace shells, sulfur odor, moderate to high plasticity, marl.	Vibracore	
19.0							

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1126926.21
 Easting: 916606.40
 Mud Line: 340.7 Ft
 Surface Water Depth: 22.3 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: SARA CHMURA
 Penetration Depth: 20.0 Core Recovery Depth: 19.4

Water Elev: 363.0 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0193-06	0.5		ML	Wet, soft, black, SILT, trace clay, low plasticity, trace organics.	Vibracore	Silt
	OL-0193-07/OL-0293-03	0.5		ML	Wet, very soft, black and dark gray, SILT, trace clay, low plasticity, very slight petroleum-like odor.	Vibracore	
	OL-0293-04	0.6		ML	Wet, soft, black SILT, trace clay, trace organics, low plasticity.	Vibracore	
5	OL-0293-05	0.5		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	Marl
10	OL-0293-06	0.5		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	
14	OL-0293-07	0.6		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40024

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph

Honeywell

Northing: 1126926.21

Easting: 916606.40

Mud Line: 340.7 Ft

Surface Water Depth: 22.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14							
15	OL-0293-07	0.6		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	Marl
	OL-0293-08	0.6		CL	Moist, medium stiff, brown CLAY, some silt, moderate plasticity, trace shells, slight sulfur odor, marl.	Vibracore	
19.4							

Null field readings indicate a reading was not taken.



Northing: 1126368.97

Easting: 914560.04

Mud Line: 349.0 Ft

Surface Water Depth: 14.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0189-14/OL-0286-16	0.8		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics, ammonia-like odor.	Vibracore	Silt
5	OL-0189-15/OL-0279-20	0.5		ML	Wet, very soft, dark gray, SILT, trace clay, trace organics, ammonia-like odor.	Vibracore	
	OL-0189-16/OL-0280-01	0.5		ML	Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity, ammonia-like odor.	Vibracore	
10	OL-0286-17	0.4		ML	Wet, soft, dark-gray SILT, little clay, trace organics, low plasticity.	Vibracore	
15	OL-0280-02	0.2		ML	Wet, soft, dark-gray SILT, little clay, trace organics, low plasticity.	Vibracore	
	OL-0286-18	0.1		ML	0-32 is wet, soft dark-gray to black SILT, little clay, little plasticity, rest of core is moist, medium stiff, brown CLAY, some silt, trace shells, moderate plasticity, sulfur odor, marl (CL).	Vibracore	
19.8							Marl

Null field readings indicate a reading was not taken.



Northing: 1126562.65

Easting: 914761.62

Mud Line: 346.7 Ft

Surface Water Depth: 16.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0192-10/OL-0291-19	0.2		ML	Wet, soft, gray, SILT, little to trace clay, trace organics, sulfur odor, decomposing plant odor, low plasticity.	Vibracore	Silt
5	OL-0192-11/OL-0287-15	0.1		ML	Wet, soft, gray, SILT, little to trace clay, trace organics, sulfur odor, decomposing plant odor, low plasticity.	Vibracore	
	OL-0192-12/OL-0291-20	0.0		ML	Wet, very soft to soft, grayish-white to dark gray, SILT, little to trace clay, trace organics, slight sulfur odor and slight decomposing plant odor.	Vibracore	
10	OL-0287-16	0.1		ML	Wet, soft, dark gray to black, SILT, little to trace clay, decomposing plant odor, low plasticity.	Vibracore	
15	OL-0292-01	0.2		ML	Wet, soft, dark gray to black, SILT, little clay to some clay, trace organics, low to moderate plasticity, decomposing plant odor.	Vibracore	
	OL-0292-02	0.1		ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Northing: 1126610.36

Easting: 915097.85

Mud Line: 349.2 Ft

Surface Water Depth: 13.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.7

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0192-13/OL-0287-12	0.2		ML	Wet, very soft, dark gray to black, SILT, little to trace clay, trace wood fragments, decomposing plant odor, organic seam from 14 to 17 inches.	Vibracore	Silt
5	OL-0192-14/OL-0291-16	0.1		ML	Wet, soft, gray, SILT, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.	Vibracore	
	OL-0192-16/OL-0287-13	0.6		ML	Wet, soft, gray, SILT, trace fine sand, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.	Vibracore	
10	OL-0291-17	0.2		ML	Wet, soft, gray, SILT, trace fine sand, little to trace clay, low plasticity, trace organics, trace shells, mothball and ammonia-like odor.	Vibracore	
15	OL-0291-18	0.6		ML	Wet, soft, dark gray and black, SILT, little clay, low plasticity, trace organics.	Vibracore	
	OL-0287-14	0.1		ML	Wet, soft, dark gray and black SILT, some clay, moderate to low plasticity, trace organics.	Vibracore	
19.7							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40028

Date: 09/30/2006

Weather: 49 degrees F, winds 8 mph



Northing: 1126632.14

Easting: 915545.93

Mud Line: 349.1 Ft

Surface Water Depth: 13.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	Blow Count	Consist.	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0194-12			ML	Wet, soft, grayish-brown, SILT, little clay, low plasticity, black discoloration throughout.	Vibracore	Silt
5	OL-0194-13			ML	Wet, soft, grayish-brown to dark brown, SILT, little clay, moderate plasticity, black discoloration throughout.	Vibracore	
	OL-0194-14			ML	Wet, soft, dark brown with black discoloration, SILT, little clay, low to moderate plasticity.	Vibracore	
10				ML	Wet, soft, dark brown, SILT, little clay, low to moderate plasticity.	Vibracore	
15				ML	Wet, soft, dark gray with black discoloration throughout, SILT, little clay, moderate to low plasticity.	Vibracore	
19.8	OL-0280-06			ML	Wet, soft, dark gray SILT, little clay, little organics, low plasticity.	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1126698.09

Easting: 915807.54

Mud Line: 345.5 Ft

Surface Water Depth: 17.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.9

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0193-08/OL-0293-09	0.6		ML	Wet, soft, black to grayish-brown, SILT, trace clay, trace organics, little plasticity.	Vibracore	Silt
5	OL-0193-09/OL-0288-04	0.6		ML	Wet, soft, grayish-brown, SILT, little clay, low plasticity, trace organics.	Vibracore	
	OL-0193-10	0.6		ML	Wet, soft, grayish-brown and black, SILT, little clay, little plasticity. Geotech sample accidentally discarded.	Vibracore	
10	OL-0288-03	0.5		ML	Wet, soft, dark gray SILT, little clay, trace organics.	Vibracore	
15	OL-0293-10	0.5		ML	Wet, soft, dark-gray to black SILT, little clay, low plasticity, trace large wood fragments.	Vibracore	
18.9	OL-0293-11	0.7		ML	Wet, soft, dark-gray SILT, little clay, low plasticity, trace organics, petroleum-like odor.	Vibracore	

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1126360.54

Easting: 916186.06

Mud Line: 353.3 Ft

Surface Water Depth: 9.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 16.0

Core Recovery Depth: 14.3

Water Elev: 362.7 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0189-01/OL-0278-13	0.0		ML	Wet, very soft, dark gray, SILT, little to trace clay, trace organics, low plasticity.	Vibracore	Silt
5	OL-0189-02/OL-0278-14	0.0		ML	Wet, soft, dark gray, SILT, little clay, trace fine sand, black discoloration at 23 inches and 37 inches, slight petroleum-like odor, low plasticity.	Vibracore	
	OL-0189-03/OL-0278-15	0.0		ML	0 to 34 inches is wet, soft, dark gray, SILT, little clay, low plasticity, organic odor. Rest of core is wet, soft, gray, SILT and fine SAND, trace clay, some shells, slight sulfur odor (SM).	Vibracore	
10	OL-0287-07	0.0		ML	Wet, soft, gray SILT and FINE SAND, clay seam from 13 inches to 17 inches and 30 inches, 33 inches, some shells, some organics, wood fragments throughout, organic odor.	Vibracore	Silt/fine sand
14.3	OL-0278-16	0.0		ML	Wet, soft, gray SILT and FINE SAND, 0.5 inch clay seams throughout, some shells, some organics, wood fragments throughout, organic odor.	Vibracore	

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40031

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1126674.80
 Easting: 916265.93
 Mud Line: 348.9 Ft
 Surface Water Depth: 14.2 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: SARA CHMURA
 Penetration Depth: 20.0 Core Recovery Depth: 13.1

Water Elev: 363.1 Ft
 Attempts: 2
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0193-11/OL-0287-19	0.6		ML	Wet, very soft to soft dark gray, SILT, little clay to trace clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	Silt/fine sand
5	OL-0193-12/OL-0293-12	0.6		ML	Wet, soft, dark gray, SILT, little fine sand, some organics, trace clay, trace shells, fine sand and shell seam from 18 inches to 21 inches and 35 to 36 inches.	Vibracore	
	OL-0193-13/OL-0287-20	0.6		Pt	Moist, soft to medium stiff, grayish-brown, SILT, little fine sand, little to trace clay, some shells, some wood fragments from 17 inches to bottom of core, organic odor.	Vibracore	
10	OL-0293-13	0.6		Pt	0-28 inches: moist, soft to medium stiff, grayish-brown SILT, little fine sand, little to trace clay, some shells, some wood fragments from 17 inches to bottom of core, organic odor. 28 to bottom of the core is moist, stiff, brown CLAY, some silt, trace shells, slight sulfur odor, high plasticity (CL).	Vibracore	
13.1							Clay

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1126701.78

Easting: 916692.97

Mud Line: 345.8 Ft

Surface Water Depth: 17.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.7

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0193-14/OL-0285-20	0.6		ML	Wet, soft, black to gray, SILT, trace clay, trace organics, low plasticity, slight petroleum-like odor.	Vibracore	SILT
5	OL-0193-15/OL-0278-19	0.7		SOLW	0 to 31 inches is wet, soft, grayish-blue, silt-like grains, trace fine sand, trace organics, slight mothball odor. Rest of core is black to grayish-brown, CLAY, some silt, trace shells, slight sulfur odor, moderate plasticity, MARL (CL).	Vibracore	SOLVAY WASTE
	OL-0193-16/OL-0278-20	0.6		CL	Moist, medium stiff, red-brown, CLAY, some silt, trace shells, high plasticity to moderate plasticity, sulfur odor, (MARL).	Vibracore	Marl
10	OL-0286-01	0.6		CL	Moist, medium stiff, red-brown, CLAY, some silt, trace shells, high plasticity to moderate plasticity, sulfur odor, marl.	Vibracore	
15	OL-0279-01	0.6		CL	Moist, stiff, brown CLAY, little silt, trace organics, trace shells, slight decomposing odor, high plasticity.	Vibracore	
18.7	OL-0279-02	0.6		CL	Moist, stiff, brown CLAY, little silt, high plasticity, trace shells, slight sulfur odor, marl.	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1126582.81

Easting: 914154.83

Mud Line: 360.1 Ft

Surface Water Depth: 2.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 363.0 Ft

Attempts: 2

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0191-01/OL-0293-14	5.1		ML	Top 2 inches is wet, medium loose, fine SAND, some oncolites. 2 inches to the rest of core are wet, soft to loose, gray silt, some fine sand, some oncolites, sulfur odor, trace shells, (MARL).	Vibracore	
5	OL-0191-02/OL-0287-17	0.8		ML	Wet, soft, gray, SILT, some fine sand, some oncolites, trace shells, sulfur odor, (MARL).	Vibracore	Marl
	OL-0191-03/OL-0293-15	0.5		ML	Wet, soft to medium stiff, gray, SILT and fine SAND, trace shells, slight sulfur odor (MARL).	Vibracore	
10	OL-0191-04/OL-0287-18	0.0		ML	Wet, medium stiff to soft, light gray to gray, SILT and fine SAND, organic seam at 12 inches, fine poorly sorted sand seams at 19 inches and 27 inches.	Vibracore	
15	OL-0191-05/OL-0293-16	0.1		ML	Wet, soft, gray SILT and fine SAND, organic seam at 12 inches, organic odor.	Vibracore	Silt/fine sand
	OL-0191-06/OL-0293-17	0.1		ML	0 to 38 inches wet, soft, gray, SILT, some fine sand. Rest of core is wet, medium silt, gray, SILT, little fine sand, some clay, low plasticity.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Northing: 1126271.93

Easting: 914342.16

Mud Line: 360.2 Ft

Surface Water Depth: 2.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 19.7

Core Recovery Depth: 17.8

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0192-01/OL-0293-18	1.2		ML	Wet, soft, gray, SILT, some fine sand, trace clay, low plasticity, top 4 inches is black, fine SAND and GRAVEL, trace shells, some oncolites, sulfur odor, (MARL).	Vibracore	Marl
5	OL-0192-02/OL-0287-08	0.8		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, little oncolites, sulfur odor, (MARL).	Vibracore	
	OL-0192-03/OL-0293-19	0.4		ML	Wet, soft, gray, SILT, some fine sand, little clay, low plasticity, trace shells, sulfur odor, (MARL).	Vibracore	
10	OL-0192-04/OL-0293-20	0.2		ML	Wet, soft, dark gray to grayish-brown, SILT, little clay, trace fine sand, tan fine sand seam at 14 inches, from 27 to 29 inches is low plasticity, trace shells, slight sulfur odor.	Vibracore	
15	OL-0192-05/OL-0287-09	0.1		ML	Wet, soft, grayish-brown, SILT, little clay, little fine sand, trace organics, slight sulfur odor, trace shells, (MARL).	Vibracore	
17.8	OL-0192-06/OL-0294-01	0.1		ML	Wet, soft, grayish-brown, SILT, little clay, little fine sand, trace organics, slight sulfur odor, trace shells, (MARL).	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1125978.20

Easting: 914699.00

Mud Line: 360.3 Ft

Surface Water Depth: 2.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0188-01/OL-0280-11	0.0		ML	Wet, very soft, dark gray SILT, little to trace clay, organic odor.	Vibracore	Silt
5	OL-0188-02/OL-0280-12	0.8		ML	0 to 11 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).	Vibracore	
	OL-0188-03/OL-0287-06	6.5		ML	0 to 11 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).	Vibracore	
10	OL-0188-05/OL-0280-13	3.6		ML	0 to 11 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).	Vibracore	Marl
15	OL-0188-06/OL-0280-14	10.5		ML	0 to 11 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).	Vibracore	
19.8	OL-0188-07/OL-0280-15	4.8		ML	0 to 11 inches is wet, soft, dark gray SILT, little clay, trace fine sand, low plasticity (ML). Rest of core is wet, soft, gray SILT, little clay, little fine sand, trace shells, sulfur odor, (MARL).	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1126012.57

Easting: 914971.57

Mud Line: 357.6 Ft

Surface Water Depth: 5.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 17.3

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0190-01/OL-0280-03	1.7		ML	Top 4 inches is wet, loose, black fine SAND and GRAVEL. Rest of core wet, very soft, dark gray, SILT, little to trace of clay, low plasticity, black fine sand seam at 9 inches, 19 inches and 37 inches. petroleum-like odor.	Vibracore	
5	OL-0190-03/OL-0286-19	1.8		ML	Wet, soft, dark gray, SILT, little fine sand in top half core, trace to little clay trace shells, black fine sand seam at 28 inches, low plasticity. Trace organics.	Vibracore	Silt
	OL-0190-04/OL-0280-04	0.0		ML	0 to 28 inches is wet, soft, dark gray SILT, little clay, trace fine sand. Rest of core is wet, loose, dark gray, well sorted, fine SAND, trace fine gravel, little shells, trace organics (SM).	Vibracore	fine Sand
10	OL-0190-05/OL-0280-05	0.0		ML	0 to 10 inches is wet, very soft, dark gray, SILT, little fine sand, trace clay, trace organics, 10 inches to 24 inches is wet, loose, black well sorted, fine grain sand, trace wood fragments, trace silt, slight sulfur odor, trace shells, rest of core is wet.	Vibracore	
15	OL-0190-06/OL-0286-20	0.0		SM	0 to 12 inches is wet, soft, gray, SILT, trace fine sand, 12 to 33 inches is wet, dense, black, well sorted SAND. Some oncolites, trace shells, trace organics Rest of core is wet, soft, black, SILT, little fine sand.	Vibracore	Silt/fine sand
17.3	OL-0190-07/OL-0287-01	0.0		ML	Wet, soft black SILT, little fine sand, trace organics.	Vibracore	

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1126276.44

Easting: 915058.26

Mud Line: 359.7 Ft

Surface Water Depth: 3.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 363.1 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0194-03/OL-0286-07	0.6		SOLW	Wet, very soft, gray to grayish-white, silt-like grains, trace fine sand, gray sand in shell seams from 22 to 25 inches, moth ball odor.	Vibracore	
5	OL-0194-04/OL-0279-03	1.5		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, 1/8 inch thick black fine sand lens at 32 and 46 inches, mothball odor.	Vibracore	Solvay Waste
	OL-0194-06/OL-0286-08	1.5		SOLW	Wet, soft, grayish-white to dark gray, silt-like grains grading to SILT, little clay in bottom half of core, low plasticity, mothball odor, slight decomposing plant odor (ML).	Vibracore	
10	OL-0194-07	0.8		ML	Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.	Vibracore	
15	OL-0194-08/OL-0279-04	1.0		ML	Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor.	Vibracore	Silt
	OL-0194-09/OL-0286-09	0.9		ML	Wet, soft, dark gray, SILT, little clay, low to moderate plasticity, trace organics, ammonia-like odor. Black fine sand seams less than 1-inch thick from 7 inches to 9.5 inches.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Northing: 1125835.82

Easting: 915146.10

Mud Line: 361.2 Ft

Surface Water Depth: 1.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0188-08/OL-0286-10	1.3		ML	0 to 21 inches is wet, soft, black, SILT, little clay, little fine sand, organic odor. Rest of core is wet, soft, gray, SILT, little fine sand, trace clay, trace shells, some oncolites, sulfur odor, (MARL).	Vibracore	Marl
5	OL-0188-09/OL-0286-16	3.4		ML	0 to 20 inches wet, soft, gray, SILT, little fine sand, some oncolites, trace shells. Rest of core wet, soft, gray, SILT, trace clay, trace shells, little fine sand, sulfur odor, (MARL).	Vibracore	
	OL-0188-10/OL-0286-11	1.0		ML	Wet, soft, gray, SILT and FINE SAND, shells throughout, (MARL), sulfur odor.	Vibracore	
10	OL-0188-11/OL-0286-17	2.9		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL).	Vibracore	
15	OL-0188-12/OL-0286-18	3.9		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL). Trace organics.	Vibracore	
	OL-0188-13/OL-0286-12	0.6		ML	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL). Trace organics.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Northing: 1126343.52

Easting: 915408.88

Mud Line: 360.2 Ft

Surface Water Depth: 2.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.9

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0189-05/OL-0279-08	0.0		ML	0 to 17 inches is wet, soft, black, SILT and fine SAND, some wood fragments, trace shells (SM)). Rest of core is wet, very soft, dark gray SILT, trace fine sand, bottom 3 inches is black fine sand.	Vibracore	Silt/fine sand
5	OL-0189-06/OL-0288-01	0.0		ML	Wet, very soft, dark gray, SILT, little clay, trace fine sand, black organics at 7.5 inches trace wood fragments.	Vibracore	Silt
	OL-0189-07/OL-0279-09	0.0		ML	Wet, soft, dark gray, SILT, little clay, trace fine sand, bottom 8 inches has little to some clay, trace organics, low plasticity.	Vibracore	
10	OL-0189-08/OL-0288-02	0.2		ML	Wet, soft, dark gray, SILT, little to some clay, trace fine sand, low to moderate plasticity, slight petroleum-like odor.	Vibracore	
	OL-0189-09/OL-0279-10	0.6		ML	Wet, soft, dark gray, SILT, little clay, trace organics, low plasticity.	Vibracore	
15	OL-0189-10/OL-0279-11	0.6		ML	Wet, soft, dark gray, SILT, little clay, 1/8 of inch thick fine sand seam at 12 inches and 28 inches, low plasticity.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Northing: 1125964.16

Easting: 915413.80

Mud Line: 359.5 Ft

Surface Water Depth: 3.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 363.0 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0190-08/OL-0292-12	0.0		ML	Wet, soft, gray to dark gray, SILT, trace fine sand, wood fragments in top 1 inch, slight petroleum-like odor.	Vibracore	Silt
5	OL-0190-09/OL-0292-13	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
	OL-0190-10/OL-0292-14	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	
10	OL-0190-11/OL-0292-15	0.2		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	
15	OL-0190-12/OL-0292-16	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	
19.8	OL-0190-13/OL-0292-17	0.0		ML	Wet, soft, dark gray, SILT, trace fine sand, organic odor.	Vibracore	

Null field readings indicate a reading was not taken.



Northing: 1125806.35

Easting: 915733.76

Mud Line: 360.3 Ft

Surface Water Depth: 2.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.3

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0188-14/OL-0286-13	0.0		ML	0 to 17 inches is wet, soft, black, SILT, little clay, trace fine sand, organic odor, low plasticity. Rest of core is wet, soft, gray silt and fine sand, some oncolite, trace shells, oncolites, sulfur odor, (MARL).	Vibracore	Marl
5	OL-0188-15/OL-0278-17	0.0		ML	Wet, soft, gray SILT, some fine sand, trace clay, little oncolites, slight sulfur odor, trace shells, (MARL).	Vibracore	
	OL-0188-16/OL-0286-14	0.2		ML	Wet, soft, gray SILT, little clay, little fine sand, moderate plasticity, trace shells, slight sulfur odor, (MARL).	Vibracore	
10	OL-0188-17/OL-0278-18	0.2		ML	0 to 31 inches wet, soft, gray SILT, little clay, little fine sand, trace shells. Rest of core is wet, soft, fine well sorted SAND, some SILT, trace organics, trace clay in very bottom (SM).	Vibracore	Silt
							Sand
15	OL-0188-18	0.1		ML	Wet, soft, dark gray SILT and CLAY, trace fine sand, trace organics, trace shells in upper half of core, organic odor.	Vibracore	Silt/Clay
	OL-0188-19/OL-0286-15	0.4		CL	Moist, soft, dark gray SILT and CLAY, trace fine sand, moderate plasticity, trace shells, fine sand seam from 20 inches to 21.5 inches.	Vibracore	
19.3							

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-40042

Date: 09/28/2006

Weather: 62 degrees F, slight drizzle, 10 mph winds



Northing: 1126190.73

Easting: 916397.20

Mud Line: 357.9 Ft

Surface Water Depth: 4.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0189-11/OL-0279-12	2.8		ML	Wet, soft, grayish-brown, SILT and CLAY, trace fine sand, some shells, moderate plasticity, some organics, brown fine grained sand seam from 29 to 30 inches and 32 inches to 34 inches, sulfur odor.	Vibracore	Silt/Clay
5	OL-0189-12/OL-0287-10	4.6		ML	Wet, medium stiff, grayish-brown, SILT and CLAY, trace fine sand, little organics, light brown fine sand seams 1/8 inch thick at 18 inches, 22 inches, 31 inches and 46 inches, trace wood fragments, decomposing plant matter odor.	Vibracore	
	OL-0189-13/OL-0279-13	3.3		ML	Wet, medium stiff, grayish-brown, SILT and CLAY, trace fine sand, little organics, light brown fine sand seams throughout, trace wood fragments, decomposing plant matter odor.	Vibracore	
10	OL-0279-14	3.7		ML	Wet, medium stiff, grayish-brown SILT and CLAY, trace fine sand, little organics, white brown fine sand seams throughout, trace wood fragments, decomposing plant matter odor.	Vibracore	Clay
15	OL-0287-11	1.7		CL	Moist, medium stiff, grayish-brown clay, some silt, trace shells, orgaic matter seam from 12 to 15 inches, decomposing plant matter odor.Moderate plasticity.	Vibracore	
	OL-0279-15	0.8		CL	Moist, medium stiff, grayish-brown clay, some silt, trace shells, orgaic matter seam from 2.5 to 5 inches, 8-11 inches, 16 to 21 inches, decomposing plant matter odor.Moderate plasticity.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50001

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1128241.64
 Easting: 913243.60
 Mud Line: 338.1 Ft
 Surface Water Depth: 24.7 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 2.5 Core Recovery Depth: 2.5

Water Elev: 362.8 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0204-09/OL-0282-03	11.4		SM	Moist, loose, dark grayish-brown fine sand, little silts, trace shells, sulfur odor (MARL).	Vibracore	Marl

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50002

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1128207.90
 Easting: 913210.40
 Mud Line: 348.9 Ft
 Surface Water Depth: 13.8 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 2.0 Core Recovery Depth: 1.5

Water Elev: 362.7 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0204-10/OL-0273-16	2.9		SM	Moist, loose dark grayish-brown, fine SAND, trace silt, trace shells, slight petroleum-like odor.	Vibracore	fine Sand

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50003

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1133033.99

Easting: 910699.73

Mud Line: 358.5 Ft

Surface Water Depth: 4.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.5

Core Recovery Depth: 2.5

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0204-01/OL-0273-17	10.2		SM	Wet, soft, dark gray, fine SAND, some silt, some organics, trace shells, slight sulfur odor, decomposing plant odor, trace onocolites.	Vibracore	fine Sand

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50004

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1133038.05

Easting: 910750.95

Mud Line: 357.6 Ft

Surface Water Depth: 5.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 3.0

Core Recovery Depth: 3.0

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0204-02/OL-0282-04	0.3		SM	Moist, soft, fine SAND, trace silt, little shells, trace organics, little oncolites in last 0.5 inch, sulfur odor	Vibracore	fine Sand

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50005

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1133038.22

Easting: 910790.26

Mud Line: 356.4 Ft

Surface Water Depth: 6.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.5

Core Recovery Depth: 2.5

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0204-03/OL-0282-05	1.1		ML	0 to 3 inches is wet, soft, dark gray fine SAND, little silt, some organics, some oncolites, trace shells. Rest of core is wet, soft, light gray, SILT, some fine sand, trace clay, trace shells, slight sulfur and decomposing plant odor (MARL).	Vibracore	Marl
0.5							

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50006

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132988.18

Easting: 910702.53

Mud Line: 358.8 Ft

Surface Water Depth: 4.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.7

Core Recovery Depth: 2.5

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0204-04/OL-0273-18	0.0		SM	Wet, soft, dark gray, fine SAND, little silt, trace shells, slight sulfur and decomposing plant odor.	Vibracore	fine Sand

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50007

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132921.58

Easting: 910585.52

Mud Line: 359.5 Ft

Surface Water Depth: 3.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.5

Core Recovery Depth: 2.5

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0204-05/OL-0282-06	6.6		ML	Wet, soft, dark gray, fine SAND grading to silt, some fine sand, trace organics, trace to little shells, slight sulfur and decomposing plant odor.	Vibracore	fine Sand

0.5

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50008

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132937.02

Easting: 910702.23

Mud Line: 359.1 Ft

Surface Water Depth: 3.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.0

Core Recovery Depth: 2.0

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0204-06/OL-0282-07	0.4		ML	Top 2 inches is wet, soft, dark grayish-brown fine SAND, little silt, trace shells, slight sulfur odor. Rest of core is wet, soft, light brown, SILT, little fine sand, trace shells, slight sulfur odor (MARL)	Vibracore	Marl

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50009

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132922.96

Easting: 910788.50

Mud Line: 358.0 Ft

Surface Water Depth: 4.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.8

Core Recovery Depth: 2.8

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0204-07/OL-0282-08	1.3		SM	Moist, loose, dark gray, fine SAND, trace silt, little shells, trace organics, slight sulfur odor.	Vibracore	Marl
0.5							

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50010

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1132867.98

Easting: 910706.90

Mud Line: 360.0 Ft

Surface Water Depth: 2.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.5

Core Recovery Depth: 2.3

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0204-08/OL-0273-19	0.0		SW	Wet, dense, dark gray to black, well sorted SAND and coarse GRAVEL, trace shells.	Vibracore	Sand

0.5

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50011

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134380.93
 Easting: 913456.00
 Mud Line: 336.7 Ft
 Surface Water Depth: 26.0 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 2.0 Core Recovery Depth: 1.9

Water Elev: 362.7 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-15/OL-0273-20	1.1		ML	Wet, soft dark gray, SILT, some fine sand, trace clay, trace shells, sulfur odor (MARL).	Vibracore	Marl

0.5

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50012

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134354.89

Easting: 913413.37

Mud Line: 335.5 Ft

Surface Water Depth: 27.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 3.0

Core Recovery Depth: 3.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-16	0.2		ML	Wet, soft, olive gray, SILT, trace fine sand, trace clay, trace organics.	Vibracore	Silt

0.5

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50013

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134352.65
 Easting: 913487.48
 Mud Line: 335.6 Ft
 Surface Water Depth: 27.2 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 2.5 Core Recovery Depth: 2.5

Water Elev: 362.8 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-17/OL-0274-01	0.0		ML	Wet, very soft, olive gray, SILT, little clay, trace fine sand, trace organics, slight sulfur odor.	Vibracore	Silt

0.5
Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50014

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134319.49
 Easting: 913528.64
 Mud Line: 335.4 Ft
 Surface Water Depth: 27.4 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 2.7 Core Recovery Depth: 2.7

Water Elev: 362.8 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-18/OL-0282-09	0.0		ML	Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.	Vibracore	Silt

0.5

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50015

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph



Northing: 1134286.66

Easting: 913564.87

Mud Line: 335.2 Ft

Surface Water Depth: 27.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.5

Core Recovery Depth: 2.5

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-19/OL-0274-02	0.1		ML	Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.	Vibracore	Silt

0.5

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50016

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134263.48

Easting: 913600.59

Mud Line: 335.0 Ft

Surface Water Depth: 27.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.6

Core Recovery Depth: 2.6

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-20/OL-0282-10	0.0		ML	Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor.	Vibracore	Silt

0.5

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50017

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1134228.19

Easting: 913531.15

Mud Line: 334.5 Ft

Surface Water Depth: 28.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.5

Core Recovery Depth: 2.4

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0203-01	0.0		ML	Wet, very soft, olive gray, SILT, little clay, trace fine sand, slight sulfur odor	Vibracore	Silt

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target 0.5' depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50018

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128154.91

Easting: 921734.44

Mud Line: 359.6 Ft

Surface Water Depth: 3.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 1.8

Core Recovery Depth: 1.8

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0203-03	0.0		SM	Wet, hard, dark gray to light gray, well sorted SAND and GRAVEL, some silt, fish-like odor.	Vibracore	Sand/Gravel

0.5

Null field readings indicate a reading was not taken.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50019

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128155.55

Easting: 921779.34

Mud Line: 359.4 Ft

Surface Water Depth: 3.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.0

Core Recovery Depth: 2.0

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0203-04	1.7		SM	Wet, loose, dark gray to light gray poorly sorted fine sand, some silt, some oncolites, sulfur odor	Vibracore	fine Sand

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target 0.5' depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50020

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128134.20

Easting: 921757.53

Mud Line: 359.2 Ft

Surface Water Depth: 3.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.3

Core Recovery Depth: 2.3

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0203-05	0.0		SM	Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace wood fragments, sulfur odor	Vibracore	fine Sand

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target 0.5' depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50021

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128110.90

Easting: 921736.30

Mud Line: 359.0 Ft

Surface Water Depth: 3.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.3

Core Recovery Depth: 2.3

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0203-06	2.8		SM	Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace organics, sulfur odor	Vibracore	fine Sand

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target 0.5' depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.

BORING LOG

Page 1 of 1



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-50022

Date: 10/05/2006

Weather: 49 degrees F, winds 7 mph

Northing: 1128109.04

Easting: 921779.25

Mud Line: 359.0 Ft

Surface Water Depth: 3.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 2.2

Core Recovery Depth: 1.9

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0203-07	0.2		SM	Wet, loose, dark gray to light gray, poorly sorted fine SAND, some silt, some oncolites, trace organics, fish odor	Vibracore	fine Sand

Null field readings indicate a reading was not taken. Vibracore was advanced beyond target 0.5' depth to ensure sufficient recovery. Excess sample volume was discarded into 55 gallon drums onsite.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60054

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1120967.63

Easting: 927585.19

Mud Line: 338.7 Ft

Surface Water Depth: 24.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.5

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0196-07	0.0		ML	Wet, soft, dark gray, SILT, little fine sand, slight petroleum-like odor.	Vibracore	
					Wet, soft black, SILT, little clay, trace fine sand, petroleum-like odor.		
	OL-0284-20	0.0		ML		Vibracore	
					Wet, soft, black SILT, some clay, trace fine sand, low plasticity, strong petroleum odor.		
5	OL-0276-16	0.0		ML		Vibracore	Silt
					Wet, soft, black to dark olive-green SILT, some clay, trace fine sand, low plasticity, strong petroleum odor in top half, slight petroleum and organic odor in bottom half.		
	OL-0282-11	0.0		ML		Vibracore	
10	OL-0276-17						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60054

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph

Northing: 1120967.63

Easting: 927585.19

Mud Line: 338.7 Ft

Surface Water Depth: 24.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 18.5

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0276-17	0.0		CL	Wet, soft to medium stiff, dark olive gray to olive gray SILT and CLAY, moderate plasticity, trace shells, slight sulfur odor in bottom half.	Vibracore	Silt/clay
15	OL-0276-18	0.0		CL	Moist, soft to medium stiff, dark olive gray to dark gray CLAY and some SILT, moderate to high plasticity.	Vibracore	Clay
	OL-0282-12	0.0		CL	Moist, soft to medium stiff, dark olive gray to dark gray CLAY and some SILT, moderate to high plasticity.	Vibracore	
18.5	Null field readings indicate a reading was not taken.						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60055

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1120409.66
 Easting: 927405.57
 Mud Line: 334.3 Ft
 Surface Water Depth: 28.4 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 20.0 Core Recovery Depth: 19.3

Water Elev: 362.7 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0201-01	0.0		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
	OL-0201-02/OL-0284-17	0.0		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor, trace wood fragment.	Vibracore	
5	OL-0284-18	1.2		ML	Wet, soft, black SILT, some clay, trace fine sand, low plasticity, trace organics, petroleum-like odor.	Vibracore	Silt
	OL-0276-13	2.4		ML	Wet, soft, light gray to black SILT, some clay, little fine sand, low plasticity, pebble sized rock seams from 24 to 26 inches , petroleum-like odor.	Vibracore	
10	OL-0276-14	1.0		ML	Wet, soft black to dark brown SILT, some clay, trace fine sand, petroleum-like odor.	Vibracore	Silt/Clay
14	OL-0276-15	0.0		ML	Wet, soft, medium dark grayish-brown stiff SILT and CLAY, trace fine sand, moderate plasticity, petroleum-like odor.	Vibracore	

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60055

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Honeywell

Northing: 1120409.66

Easting: 927405.57

Mud Line: 334.3 Ft

Surface Water Depth: 28.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.3

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14	OL-0276-15	0.0		ML	Wet, soft, medium dark grayish-brown stiff SILT and CLAY, trace fine sand, moderate plasticity, petroleum-like odor.	Vibracore	Silt/Clay
15							
	OL-0284-19	0.0		CL	Moist, medium stiff, dark grayish-brown clay and silt, moderate to high plasticity, trace shells.	Vibracore	
19.3							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60056

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph



Northing: 1119788.42

Easting: 927263.63

Mud Line: 334.3 Ft

Surface Water Depth: 28.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 18.3

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0201-04	0.0		ML	Wet, very soft black SILT.	Vibracore	Silt
	OL-0201-05/OL-0276-03	0.0		ML	Wet, soft, black, SILT, some clay, little fine sand, low plasticity.	Vibracore	
5	OL-0283-01	0.0		ML	Wet, soft black SILT, little fine sand, some clay, low plasticity, trace organics, slight petroleum-like odor.	Vibracore	
	OL-0276-04	2.2		ML	0 to 31 inches is wet, soft black SILT, little fine sand, some clay, low plasticity, slight petroleum-like odor. 31 to the end of core is SILT, some fine sand, some clay, low plasticity, dark brown clay and pebble size grain seam from 36 to 38 inches with petroleum odor.	Vibracore	Silt/fine Sand
10	OL-0283-02	16.3		ML	0 to 15 inches is wet, soft, black SILT and SAND, some clay, low plasticity, pebble size grains within, strong petroleum-like odor. 15 to end of core is soft, black to dark gray SILT, some clay, little sand, low plasticity, strong petroleum odor. 1 inch thick of coal-like material at 21 inches.	Vibracore	
15							
18.3	OL-0283-03	0.3		CL	Wet, medium stiff to stiff, dark grayish-brown silt and clay, trace fine sand, moderate to high plasticity, black discoloration throughout.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60057

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118991.72

Easting: 926948.31

Mud Line: 333.6 Ft

Surface Water Depth: 29.1 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-01	0.1		ML	Wet, soft, black, SILT, trace fine sand, trace clay, trace organics, petroleum-like odor	Vibracore	
	OL-0202-02/OL-0284-07	0.1		ML	Wet, soft, black, SILT, trace fine sand, little to some clay, trace organics, petroleum-like odor, low plasticity.	Vibracore	
5	OL-0274-18	1.7		ML	Wet, soft black SILT, trace fine sand, little to some clay, trace organics, strong petroleum-like odor, low plasticity.	Vibracore	Silt
	OL-0274-19	2.5		ML	Wet, soft black SILT, trace fine sand, little to some clay, trace organics, strong petroleum-like odor, low plasticity.	Vibracore	
10	OL-0284-08						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60057

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph

Northing: 1118991.72

Easting: 926948.31

Mud Line: 333.6 Ft

Surface Water Depth: 29.1 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0284-08	5.4		ML	Wet, soft, black to grayish brown to black SILT, little to some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	Silt
15	OL-0274-20	0.4		ML	0-18 inches is wet, soft, black SILT, little to some clay, trace fine sand, low plasticity, slight petroleum-like odor. 18-20 inches is wet, soft, grayish-brown, SILT, little clay, little fine sand, trace shells, organic odor. 20 inches to end of core is wet, soft, dark gray to dark grayish brown SILT, some clay, low to moderate plasticity.	Vibracore	
19.2	OL-0284-09	0.0		CL	Moist, medium stiff brown clay and silt, moderate to high plasticity, trace shells.	Vibracore	Clay/Silt

Null field readings indicate a reading was not taken.

Honeywell

Northing: 1118416.66

Easting: 926592.27

Mud Line: 361.1 Ft

Surface Water Depth: 1.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-04	0.1		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
	OL-0202-05/OL-0274-07	0.1		ML	Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.	Vibracore	
5	OL-0283-19	7.9		ML	Wet, soft, black SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
	OL-0274-08	21.2		ML	Wet, soft, black SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	Silt/clay
10	OL-0283-20	17.9		ML	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
14	OL-0274-09	1.1		ML	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, petroleum-like odor, trace organics.	Vibracore	

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60058

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph



Northing: 1118416.66

Easting: 926592.27

Mud Line: 361.1 Ft

Surface Water Depth: 1.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
14							
15	OL-0274-09	1.1		ML	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, petroleum-like odor, trace organics.	Vibracore	Silt/clay
	OL-0284-10	0.3		ML	Wet, soft, black to dark grayish brown SILT, some clay, trace fine sand, moderate plasticity, trace organics.	Vibracore	
19.2							

Null field readings indicate a reading was not taken.



Northing: 1121126.21

Easting: 927880.63

Mud Line: 354.7 Ft

Surface Water Depth: 8.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.4

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0201-06/OL-0283-04	2.1		ML	Wet, very soft to soft, light brown, SILT, some fine sand, little clay, trace shells, sulfur odor, (MARL).	Vibracore	Marl
5	OL-0201-07/OL-0275-20	4.7		ML	Wet, soft, light brown, SILT, some clay, little fine sand, trace shells, 4 inch long piece of wood at 29 inches, sulfur odor, (MARL).	Vibracore	
	OL-0201-08/OL-0283-05	3.6		ML	Wet, soft, light brown, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor, (MARL).	Vibracore	
10	OL-0276-01/OL-0282-12	12.7		CL	Wet, soft to medium stiff, light grayish brown, SILT and CLAY, trace fine sand, moderate plasticity, trace shells, sulfur odor, marl.	Vibracore	
15	OL-0283-06	8.2		CL	Wet, medium stiff, light grayish brown, SILT and CLAY, trace fine sand, moderate plasticity, trace shells, sulfur odor, marl.	Vibracore	
	OL-0276-02	0.0		CL	Wet, medium stiff, light grayish brown, SILT and CLAY, trace fine sand, trace organics, moderate plasticity, trace shells, sulfur odor, slight decomposing plant odor, marl.	Vibracore	
19.4							

Null field readings indicate a reading was not taken.

BORING LOG

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Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60060

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle



Northing: 1120588.84

Easting: 928052.52

Mud Line: 351.9 Ft

Surface Water Depth: 11.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 19.8

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0199-01/OL-0275-11	0.0		ML	Wet, soft black, SILT, some fine sand, some to little clay, low plasticity, petroleum-like odor.	Vibracore	Silt/fine Sand
5	OL-0199-02/OL-0284-11	0.0		ML	0 to 1 inch is wet, medium dense gray fine sand, 1 to 7 inches is wet, soft, gray, SILT, some clay, little fine sand, low plasticity. Rest of core is wet, soft, black, SILT and CLAY, some fine sand, moderate plasticity, slight petroleum-like odor.	Vibracore	
	OL-0199-03/OL-0275-12	0.0		CL	Wet, soft, dark gray CLAY and SILT, some fine sand, moderate to high plasticity, gray poorly sorted sand seam at 6 inches, 10 inches, 23 inches and 37 inches, 1 inch piece of wood at 34 inches, some organics throughout.	Vibracore	
10	OL-0284-12	0.0		CL	Wet, soft, dark gray CLAY and fine SAND grading to clay, some silt, little fine sand, moderate to high plasticity, gray poorly sorted fine sand seam at 12 inches, 17 inches and 24 inches, organic seam at 31 inches.	Vibracore	Clay
15	OL-0275-13	0.0		CL	Wet, moist, sot to medium stiff CLAY, some silt, trace fine sand, moderate to high plasticity, 3 inch piece of wood from 15 to 18 inches, some organics throughout.	Vibracore	
19.8	OL-0284-13	0.0		CL	Moist, medium stiff brown CLAY, moderate to high plasticity, trace shells, trace organics.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60061

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle



Northing: 1120000.79
 Easting: 928094.20
 Mud Line: 353.3 Ft
 Surface Water Depth: 9.5 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: SARA CHMURA
 Penetration Depth: 20.0 Core Recovery Depth: 19.7

Water Elev: 362.8 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0199-05/OL-0284-14	0.0		ML	Wet, soft, black, SILT, some clay, little fine sand, low to moderate plasticity, petroleum-like odor.	Vibracore	Silt
5	OL-0199-06/OL-0275-08	0.0		CL	Wet, soft, black, CLAY, some silt, little fine sand, moderate to high plasticity, gray poorly sorted fine sand seam at 29 inches and 33 inches, slight petroleum-like odor.	Vibracore	
	OL-0199-07/OL-0275-09	1.7		CL	Wet, soft, dark gray, CLAY and SILT, little fine sand, low to moderate plasticity, black poorly sorted fine sand seam at 16 inches and 29 inches, trace organics with petroleum odor.	Vibracore	
10	OL-0284-15	0.0		CL	Wet, soft, black CLAY and SILT, little fine sand, moderate plasticity, light brown poorly sorted fine sand seam from 30 to 32 inches, trace organics.	Vibracore	Clay/silt
15	OL-0275-10	0.0		CL	Moist, soft, medium stiff dark gray to dark brown CLAY, some silt, trace fine sand, moderate to high plasticity, light brown poorly sorted fine sand seam at 37 inches, 1 inch thick piece wood at 23 inches and wood fragments throughout.	Vibracore	
19.7	OL-0284-16	0.0		CL	Wet to moist, soft to medium stiff, dark gray and dark brown CLAY, some silt, trace fine sand, moderate to high plasticity, light brown poorly sorted fine sand seam at 17 inches, 1 inch wood piece at 27 inches, trace organics throughout.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60062

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph



Northing: 1119550.27
Easting: 927966.44
Mud Line: 353.2 Ft
Surface Water Depth: 9.5 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 17.8**

Water Elev: 362.7 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0201-09/OL-0274-14	3.3		ML	Zebra mussel shells in top 3 inches. Rest of core is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics in bottom 2 inches, petroleum-like odor.	Vibracore	Silt
5	OL-0201-10/OL-0283-17	1.7		ML	0 to 21 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, slight petroleum-like odor, 21 to 29 inches is wet, soft, SILT, some sand, little clay, low plasticity, some organics, slight petroleum-like odor, 29 to 30 inches is moist, hard, silt and fine sand, dark gray, organics in last inch.	Vibracore	Silt/fine sand
	OL-0201-11/OL-0274-15	0.0		ML	Loose wood debris in top 1-inch, rest of core is wet, soft, dark brown, SILT and CLAY, trace fine sand, moderate plasticity, black discoloration throughout, 35 inches to end of core is trace organics and trace shells.	Vibracore	Silt/clay
10	OL-0274-16	0.0		CL	Wet, medium stiff to stiff, dark grayish brown, silt and clay, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	
15	OL-0283-18	0.0		CL	Moist, stiff, dark brown, CLAY and SILT, moderate to high plasticity, trace shells.	Vibracore	Clay/silt
17.8	OL-0274-17	0.0		CL	Moist, stiff, dark brown, CLAY and SILT, moderate to high plasticity, trace shells.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60063

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph



Northing: 1119021.48
Easting: 927787.83
Mud Line: 352.2 Ft
Surface Water Depth: 10.6 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 19.8**

Water Elev: 362.8 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-08/OL-0274-10	3.7		ML	Wet, soft, black, SILT, little to some clay, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
5	OL-0202-07/OL-0274-11	5.4		ML	Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, slight petroleum-like odor.	Vibracore	
	OL-0202-08/OL-0284-01	7.4		ML	Wet, soft to medium stiff, black, SILT, some clay, moderate plasticity, strong petroleum-like odor.	Vibracore	Silt
10	OL-0274-12	1.4		ML	Wet, soft to medium stiff, black SILT, some clay, moderate plasticity, 1 inch thick shell and organic seam at 25 inches, organic seam at 35 inches, strong petroleum-like odor.	Vibracore	
15	OL-0284-02	0.1		ML	Wet, medium stiff, black SILT, some clay, trace fine sand, moderate to high plasticity, dark gray poorly sorted fine sand seam at 11 to 12 inches and at 24 inches.	Vibracore	
19.8	OL-0274-13	0.0		CL	Moist, medium stiff, dark brown to brown SILT and CLAY, moderate to high plasticity, trace shells, organic seam at 9 inches.	Vibracore	Silt/clay

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60064

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph



Northing: 1118434.38
 Easting: 927634.10
 Mud Line: 351.8 Ft
 Surface Water Depth: 10.9 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 20.0 Core Recovery Depth: 19.0

Water Elev: 362.7 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-09/OL-0275-04	0.7		ML	Wet, soft, black, SILT, little to some clay, low plasticity, trace fine sand, trace organics, petroleum-like odor.	Vibracore	
5	OL-0202-10/OL-0284-03	2.4		ML	Wet, soft, black, SILT, little to some clay, low to moderate plasticity, trace fine sand, trace organics, petroleum-like odor.	Vibracore	Silt
	OL-0202-11/OL-0275-05	0.3		ML	0 to 8 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, petroleum-like odor. Rest of core is wet, soft, light brown, SILT, some clay, trace fine sand, low to moderate plasticity, trace shells.	Vibracore	
10	OL-0284-04	0.2		CL	Moist, medium stiff, brown SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	
15	OL-0275-06	0.0		CL	Moist, medium stiff, brown SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	Silt/clay
19.0	OL-0275-07	0.0		CL	Moist, medium stiff, brown SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60065

Date: 10/04/2006

Weather: 60 degrees F, winds 9 mph



Northing: 1118069.05
Easting: 927153.84
Mud Line: 348.8 Ft
Surface Water Depth: 14.0 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 19.8**

Water Elev: 362.8 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0202-12/OL-0284-05	0.7		ML	Wet, very soft to soft, black, SILT, little clay, trace fine sand, trace organics, slight petroleum-like odor.	Vibracore	Silt
5	OL-0202-13/OL-0275-01	5.1		ML	Wet, soft, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, strong petroleum-like odor.	Vibracore	
	OL-0202-14/OL-0284-06	2.7		ML	Wet, soft to medium stiff, black, SILT, some clay, trace fine sand, moderate plasticity, trace organics, strong petroleum-like odor.	Vibracore	
10	OL-0275-02	2.9		ML	Wet, soft to medium stiff, black SILT, some clay, trace fine sand, moderate plasticity, little organics, strong petroleum-like odor.	Vibracore	
15	OL-0275-03	0.4		ML	Wet, soft to medium stiff, black SILT, some clay, trace fine sand, moderate plasticity, little organics, strong petroleum-like odor.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

[Click here to query for Lithological Data.](#)

Boring No: OL-VC-60066

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle



Northing: 1121149.78
Easting: 928366.60
Mud Line: 358.4 Ft
Surface Water Depth: 4.5 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: SARA CHMURA
Penetration Depth: 19.9 **Core Recovery Depth: 19.9**

Water Elev: 362.9 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0199-08/OL-0283-07	0.0		ML	Wet, soft, light gray, SILT, some fine sand, some oncolites, sulfur odor.	Vibracore	MARL
5	OL-0199-09/OL-0276-05	0.0		ML	Wet, soft, light gray, SILT, some fine sand, some oncolites in top half, trace shells, sulfur odor (MARL).	Vibracore	
	OL-0199-10/OL-0283-08	0.0		ML	Wet, medium stiff to soft, light gray, SILT, some fine sand, some clay, some oncolites, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
10	OL-0199-11/OL-0276-06	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, some shells, sulfur odor (MARL).	Vibracore	
15	OL-0199-12/OL-0276-07	0.0		ML	Wet, soft, gray, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
	OL-0199-13/OL-0276-08	0.0		ML	Wet, soft, gray, SILT, some clay, trace fine sand, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
19.9							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60067

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle



Northing: 1120674.09

Easting: 928358.54

Mud Line: 357.2 Ft

Surface Water Depth: 5.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: SARA CHMURA

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 362.9 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0199-14/OL-0274-03	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
5	OL-0199-15/OL-0283-15	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	
	OL-0199-16/OL-0274-04	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl
10	OL-0199-17/OL-0274-05	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low to moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	
15	OL-0199-18/OL-0283-16	0.0		ML	Wet, soft, gray, SILT, some fine sand, some clay, low to moderate plasticity, trace shells, slight sulfur odor and decomposing plant odor (MARL).	Vibracore	
20.0	OL-0274-06	0.0		ML	Wet, soft, gray, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells, decomposing plant odor.	Vibracore	Silt/clay

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60068

Date: 10/02/2006

Weather: 57 degrees F, winds 7 mph



Northing: 1119471.31
Easting: 928330.16
Mud Line: 358.6 Ft
Surface Water Depth: 4.1 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: SARA CHMURA
Penetration Depth: 20.0 **Core Recovery Depth: 18.7**

Water Elev: 362.7 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0200-01/OL-0283-09	0.0		ML	0 to 17 inches is wet, soft, black SILT, some clay, some fine sand, low plasticity. Black poorly sorted fine sand seam from 8.5 to 12 inches, petroleum-like odor. 17 inches to rest of the core is wet, soft, SILT and SAND, some clay, low plasticity.	Vibracore	Silt
							Silt/fine Sand
5	OL-0200-02/OL-0275-17	0.0		ML	0 to 8 inches is wet, soft dark gray, SAND and SILT, little clay. Rest of core is black, soft, dark gray, SILT, some clay, little fine sand, low to moderate plasticity, trace shells, trace organics.	Vibracore	
	OL-0200-03/OL-0283-10	0.0		CL	Wet, soft, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells, trace organics.	Vibracore	
10	OL-0200-04/OL-0275-18	0.0		CL	Moist, soft to medium stiff, brown, SILT and CLAY, trace shells, moderate to high plasticity.	Vibracore	Silt/Clay
	OL-0200-05/OL-0275-19	0.0		CL	Moist, soft to medium stiff, brown, SILT and CLAY, trace shells, moderate to high plasticity.	Vibracore	
15	OL-0200-06/OL-0283-11	0.0		CL	Moist, soft to medium stiff, dark brown, SILT and CLAY, trace shells, moderate to high plasticity, slight decomposing plant odor.	Vibracore	
18.7							

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60069

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle



Northing: 1118853.37
 Easting: 928237.73
 Mud Line: 359.3 Ft
 Surface Water Depth: 3.6 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 20.0 Core Recovery Depth: 19.6

Water Elev: 362.9 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0200-08/OL-0283-12	0.0		ML	Wet, soft, SILT and FINE SAND, trace clay, trace shells, petroleum-like odor.	Vibracore	Silt/fine Sand
5	OL-0200-09/OL-0275-14	0.0		ML	Wet, soft, grayish-brown, SILT, some sand grading to clay, moderate plasticity, trace shells, trace organics.	Vibracore	
	OL-0200-10/OL-0275-15	0.0		ML	Wet, soft to medium stiff, grayish-brown, SILT and some clay, trace fine sand, moderate plasticity, trace shells, some organics.	Vibracore	Silt
10	OL-0200-11/OL-0283-13	0.0		ML	Wet, soft to medium stiff, brown, SILT and some clay, trace fine sand, moderate plasticity, trace shells, some organics.	Vibracore	
15	OL-0200-12/OL-0275-16	0.0		CL	Moist, soft to medium stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	
	OL-0200-13/OL-0283-14	0.0		CL	Moist, stiff, brown, SILT and CLAY, trace fine sand, moderate to high plasticity, trace shells.	Vibracore	Silt/Clay
19.6							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-60070

Date: 10/03/2006

Weather: 57 degrees F, winds 3 mph, slight drizzle



Northing: 1117647.53
Easting: 927621.13
Mud Line: 358.4 Ft
Surface Water Depth: 4.5 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 20.0**

Water Elev: 362.9 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0200-14/OL-0282-13	0.0		ML	0 to 10 inches is wet, loose, black, SAND, trace shells, petroleum-like odor. 10 inches to 24 inches is wet, soft, dark gray SILT and FINE SAND, little clay, trace shells, slight petroleum odor. Rest of core is wet, soft to very soft light brown s	Vibracore	fine sand
5	OL-0200-15/OL-0276-09	0.0		ML	Wet, soft, light brown, SILT and FINE SAND, trace clay, trace shells.	Vibracore	Silt/fine Sand
	OL-0200-16/OL-0276-10	0.0		ML	Wet, soft, light brown, SILT and FINE SAND, trace clay, trace shells, trace organics.	Vibracore	
10	OL-0200-17/OL-0282-14	0.0		ML	Wet, soft, light brown, SILT, some fine sand, trace clay, trace shells.	Vibracore	Silt
15	OL-0200-18/OL-0276-11	0.0		ML	Wet, soft, grayish-brown, SILT, some clay, little fine sand, low to moderate plasticity, trace shells.	Vibracore	
	OL-0200-19/OL-0276-12	0.0		ML	Wet, soft, grayish-brown, SILT, some clay, little fine sand, low to moderate plasticity, trace shells, trace organics in last 4 inches.	Vibracore	
20.0							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70025

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle



Northing: 1116331.36
Easting: 926720.10
Mud Line: 360.7 Ft
Surface Water Depth: 2.2 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: SARA CHMURA
Penetration Depth: 20.0 **Core Recovery Depth: 18.0**

Water Elev: 362.9 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0181-05/OL-0290-19	1.7		ML	Wet, very soft, black, SILT, trace clay, some organics in top two inches, petroleum-like odor.	Vibracore	Silt
5	OL-0181-06/OL-0288-19	4.4		SM	0 to 12 inches is wet, soft, black, SILT, trace organics, trace fine sand, slight petroleum-like odor (ML). 12 to 28 inches is wet, loose gray, FINE SAND, trace silt, trace shells, sulfur odor. Fine black sand lens at 28 inches. Rest of core is wet, soft, gray SILT, little clay, some fine sand, trace shells, sulfur odor, (MARL).	Vibracore	
	OL-0181-07/OL-0288-20	1.4		SM	Wet, soft, gray, SILT, some fine sand, trace clay, little shells, sulfur odor, (MARL).	Vibracore	Marl
10	OL-0181-08/OL-0290-20	4.1		ML	Wet, soft, gray, SILT, little clay, little to trace fine sand, low plasticity, trace shells, sulfur odor, (MARL).	Vibracore	
15	OL-0289-01	1.5		ML	Wet, soft, gray SILT, some to little clay, little to trace fine sand, low plasticity, trace shells, sulfur odor, marl.	Vibracore	
18.0	OL-0289-02	0.5		CL	Moist, soft, gray, CLAY, some silt, trace fine sand, trace shells, moderate plasticity, sulfur odor, marl.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70026

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle



Northing: 1116387.43
 Easting: 926928.11
 Mud Line: 360.4 Ft
 Surface Water Depth: 2.4 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: SARA CHMURA
 Penetration Depth: 20.0 Core Recovery Depth: 20.0

Water Elev: 362.8 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0181-09/OL-0291-01	1.1		SM	0 to 2 inches wet, loose, black, FINE SAND, trace red brick fragments. 2 to 22 inches is wet, very soft black SILT, trace clay, trace fine sand, petroleum-like odor. Rest of core is wet, loose, black to gray FINE SAND, little silt, trace shells, slight petroleum-like odor, slight sulfur odor, MARL (SM-ML).	Vibracore	fine Sand/silt
5	OL-0181-10/OL-0288-10	0.7		SM	Wet, soft, gray, SILT and FINE SAND, trace clay, little shells, trace organics, sulfur odor, (MARL).	Vibracore	
	OL-0181-11/OL-0291-02	2.8		SM	Wet, soft, gray, SILT and FINE SAND, some shells, trace organics, sulfur odor, (MARL).	Vibracore	
10	OL-0181-13/OL-0288-11	0.9		SM	Wet, soft, gray, SILT, some fine sand, trace clay, trace shells, sulfur odor, (MARL).	Vibracore	Marl
15	OL-0291-03	0.9		ML	Wet, soft, gray SILT, trace clay, little fine sand, trace shells, trace organics, sulfur odor, marl.	Vibracore	
	OL-0288-12	0.7		ML	Wet, soft, gray SILT, little to trace clay, little fine sand, trace shells, sulfur odor, marl.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-70027

Date: 09/25/2006

Weather: 57 degrees F, 9 mph wind, slight drizzle



Northing: 1116245.77
Easting: 926946.39
Mud Line: 361.2 Ft
Surface Water Depth: 1.7 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: SARA CHMURA
Penetration Depth: 20.0 **Core Recovery Depth: 19.9**

Water Elev: 362.9 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0181-14/OL-0291-04	1.7		ML	Wet, soft, dense, black, FINE SAND, petroleum-like odor. 5 to 11 inches is wet, soft, dark, gray, SILT. 11 to 27 inches is wet, soft, black, SILT, some fine sand, little clay, petroleum-like odor. Rest of core is wet, soft black to gray, SILT and FINE SAND, little shells, sulfur odor, (MARL).	Vibracore	fine Sand/Silt
5	OL-0181-15/OL-0288-13	2.5		SM	Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).	Vibracore	Marl
	OL-0181-16/OL-0291-15	2.6		SM	Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).	Vibracore	
10	OL-0181-17/OL-0288-14	2.4		SM	Wet, soft, gray, FINE SAND and SILT, trace organics, some shells, sulfur odor, (MARL).	Vibracore	
	OL-0291-05	2.9		SM	Wet, soft, gray SILT, little clay, little fine sand, some to trace shells, sulfur odor, marl.	Vibracore	
15	OL-0288-15	1.3		SM	Wet, soft, gray SILT, little clay, little fine sand, some to trace shells, sulfur odor, marl.	Vibracore	
19.8							

Null field readings indicate a reading was not taken.



Northing: 1116367.79

Easting: 927228.87

Elevation: NA

Datum: Unknown

Driller: Ocean Survey Inc

Method: NA

Consultant: SARA CHMURA (Parsons)

Project No:

Field Book No:

Total Depth: 19.6 Ft

GW Depth: 0.0 Ft

Depth Ft	REC-001 Solid Sample ID	PID Reading	Mercury (mg/m3)	Soil Code	Pattern	Soil Description
0	OL-0183-01/OL-0289-03	1.1		SM		0 to 30 inches is wet, medium dense, black, FINE SAND and SILT, trace organics, black coal-like fragments, petroleum-like odor. 30 inches to rest core is dark gray, SILT and FINE SAND some shells, sulfur odor, (MARL).
5	OL-0183-02/OL-0291-06	2.3		SM		Wet, soft, gray, SILT and FINE SAND, little shells, trace organics, sulfur odor, (MARL).
	OL-0183-03/OL-0289-04	2.1		SM		Wet, soft, gray, SILT and FINE SAND, trace clay, trace shells, sulfur odor, (MARL).
10	OL-0183-04/OL-0291-07	1.5		SM		Wet, soft, gray, SILT and FINE SAND, trace clay, trace shells, sulfur odor, (MARL).
15	OL-0289-05	0.7		SM		Wet, soft, gray SILT, little fine sand, little clay, trace shells, sulfur odor, marl.
19.6	OL-0291-08	0.8		SM		Wet, soft, gray silt and fine sand, trace clay, trace shells, sulfur odor, marl.

Null field readings indicate a reading was not taken.



Northing: 1116559.92
 Easting: 927423.17
 Elevation: NA
 Datum: Unknown

Driller: Ocean Survey Inc
 Method: NA
 Consultant: SARA CHMURA (Parsons)
 Project No: _____ Field Book No: _____

Total Depth: 20.0 Ft
 GW Depth: 0.0 Ft

Depth Ft	REC'D Solid Sample ID	PID Reading	Mercury (mg/m3)	Soil Code	Pattern	Soil Description
0	OL-0183-05/OL-0291-09	1.1		SM		0 to 14 inches is wet, dense, black, FINE SAND, trace shells, petroleum-like odor. 14 to 32 inches is wet, dense, black to dark gray, SAND, thin clay seams throughout. Rest of core is gray, SAND and SILT trace shells, sulfur odor, (MARL).
5	OL-0183-06/OL-0289-06	1.8		SM		Wet, soft, gray, SILT and FINE SAND, trace shells, sulfur odor, (MARL).
	OL-0183-07/OL-0291-10	5.8		SM		Wet, soft, gray, SILT and FINE SAND, trace wood fragments, little shells, sulfur odor, (MARL).
10	OL-0183-08/OL-0289-07	4.1		SM		Wet, soft gray, SILT and FINE SAND, trace clay, little shells, sulfur odor, (MARL).
15	OL-0291-11	2.7		SM		Wet, soft, gray to dark gray silt and fine sand, little shells, trace clay in bottom half of core, sulfur odor, marl.
	OL-0289-08	0.8		SM		0-27 inches is wet, soft, gray silt and fine sand, trace shells, sulfur odor, rest of core is wet, soft, GRAY LAYER, some silt, trace fine sand, trace shells, sulfur odor, marl (CL). 2 bottles.
19.8						

Null field readings indicate a reading was not taken.



Northing: 1116809.31

Easting: 927657.89

Elevation: NA

Datum: Unknown

Driller: Ocean Survey Inc

Method: NA

Consultant: SARA CHMURA (Parsons)

Project No:

Field Book No:

Total Depth: 19.9 Ft

GW Depth: 0.0 Ft

Depth Ft	REC'D Solid Sample ID	PID Reading	Mercury (mg/m3)	Soil Code	Pattern	Soil Description
0	OL-0181-01/OL-0288-16	5.0		SM		0 to 17 inches wet, soft, black to dark gray SILT, some fine sand, some organics, trace wood fragments, slight petroleum-like odor. Rest of core is wet, soft, gray, SILT, some fine sand, little shells, sulfur odor, (MARL).
5	OL-0181-02/OL-0291-12	3.9		SM		Wet, soft, gray, SILT and FINE SAND, trace organics, little shells, sulfur odor, (MARL).
	OL-0181-03/OL-0288-17	4.7		SM		Wet, soft, gray, SILT and FINE SAND, little shells, sulfur odor, (MARL).
10	OL-0181-04/OL-0291-13	4.2		SM		Wet, soft, gray, SILT, some fine sand, little to trace shells, sulfur odor, (MARL).
15	OL-0291-14	5.0		SM		Wet, soft, gray, silt and fine sand, some to little shells, sulfur odor, marl.
	OL-0288-18	0.7		SM		Wet, soft, gray to dark gray, SILT, some fine sand, trace clay, trace shells, sulfur odor on top, marl.
19.8						

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80023

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1129677.26
 Easting: 914733.19
 Mud Line: 302.2 Ft
 Surface Water Depth: 60.6 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 3.4 Core Recovery Depth: 3.4

Water Elev: 362.8 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0207-01/OL-0273-03	0.0		ML	Wet, very soft black SILT, petroleum-like odor.	Vibracore	Silt

Null field readings indicate a reading was not taken.



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80024

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1123471.14
 Easting: 920313.37
 Mud Line: 308.9 Ft
 Surface Water Depth: 53.8 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 3.0 Core Recovery Depth: 2.9

Water Elev: 362.7 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0207-02/OL-0281-06	0.0		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
0.5							

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80025

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1123488.06
 Easting: 920640.80
 Mud Line: 302.2 Ft
 Surface Water Depth: 60.5 Ft

Drilling Company: Ocean Survey Inc
 Logging Company: Parsons
 Geologist: HILLARY SLETTEN
 Penetration Depth: 3.7 Core Recovery Depth: 3.7

Water Elev: 362.7 Ft
 Attempts: 1
 Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0207-03/OL-0272-18	0.0		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80026

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1120038.25

Easting: 925596.99

Mud Line: 309.2 Ft

Surface Water Depth: 53.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 3.2

Core Recovery Depth: 3.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0207-04/OL-0281-05	0.0		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 1



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80027

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1118576.68

Easting: 925861.33

Mud Line: 327.5 Ft

Surface Water Depth: 35.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 3.0

Core Recovery Depth: 3.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0 0.5	OL-0207-05/OL-0273-02	0.5		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80028

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118619.20

Easting: 923386.49

Mud Line: 328.7 Ft

Surface Water Depth: 34.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 17.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0207-10	0.3		ML	Wet, soft, black, SILT, little clay, strong petroleum odor.	Vibracore	
	OL-0207-11/OL-0281-07	0.4		ML	Wet, soft, black, SILT, little to some clay, low plasticity, strong petroleum odor.	Vibracore	
5	OL-0207-12/OL-0271-15	2.1		ML	Wet, soft, black to gray to black, SILT, little to some clay, trace fine sand, low plasticity in bottom half of core, very strong petroleum-like odor.	Vibracore	Silt
	OL-0207-13	0.8		ML	0 to 11 inches is wet, soft, black, SILT, trace fine sand, coal-like fragments from 7 to 9 inches, strong petroleum-like odor. 11 to 27 inches is wet, very soft to soft, greenish-blue, SILT and silt-like grains, trace fine sand, mothball odor (SOLW). 27 inches to end of core is wet, soft, greenish-blue to black, SILT, little clay, trace fine sand, mothball-and petroleum-like odor.	Vibracore	Solvay Waste
10	OL-0207-15/OL-0221-16						Silt

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80028

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118619.20

Easting: 923386.49

Mud Line: 328.7 Ft

Surface Water Depth: 34.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 17.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0207-15/OL-0271-16	0.5		CL	0 to 9 inches is wet, soft, black, SILT, little to some clay, trace fine sand, coal-like fragments in upper 2 inches, slight petroleum-like odor (ML). 9 inches to end of core is wet, medium stiff, dark grayish-brown, SILT and CLAY, trace fine sand, moderate to high plasticity, black discoloration throughout (CL).	Vibracore	Silt
							Silt/clay
	OL-0207-16/OL-0271-17	0.4		CL	Wet, medium stiff, dark grayish-brown, CLAY and SILT, black discoloration throughout.	Vibracore	Clay/Silt
15	OL-0207-17/OL-0271-18	0.5		CL	Wet, medium stiff, dark grayish-brown, CLAY and SILT, black discoloration throughout.	Vibracore	
17.2							

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80029

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118587.03
Easting: 924083.93
Mud Line: 330.1 Ft
Surface Water Depth: 32.6 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 20.0**

Water Elev: 362.7 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0207-18	1.1		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
	OL-0207-19	5.4		SOLW	Wet, very soft, grayish-green to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
5	OL-0207-20/OL-0281-08	5.2		SOLW	Wet, soft, whitish-green, silt-like grains, trace fine sand, 0.5 inch thick Solvay chunks in upper 6 inches, mothball odor.	Vibracore	Solvay Waste
	OL-0208-01/OL-0271-11	13.6		SOLW	Wet, soft, grayish-blue to light green to grayish-green, silt-like grains, trace fine sand, black discoloration from 3 to 4 inches and from 28 to 29 inches, coal-like fragments from 3 to 4 inches, mothball odor.	Vibracore	
10	OL-0208-02/OL-0221-12						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80029

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118587.03
Easting: 924083.93
Mud Line: 330.1 Ft
Surface Water Depth: 32.6 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 20.0**

Water Elev: 362.7 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0208-02/OL-0271-12	10.6		SOLW	0 to 26 inches is wet, soft, grayish-green, silt-like grains, trace fine sand, some degraded NAPL globules from 11 to 26 inches, mothball and petroleum-like odor (SOLW). Rest of core is wet, soft, dark gray, SILT, trace fine sand, petroleum-like odor (ML).	Vibracore	
15	OL-0208-03/OL-0271-13	6.4		SOLW	Wet, soft, grayish-green to light grayish-green, silt-like grains, trace fine sand, black discoloration from 21 to 25 inches, small Solvay chunks within discoloration.	Vibracore	Solvay Waste
20.0	OL-0208-04/OL-0271-14	14.2		SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand, black discoloration from 4 to 5 inches, pin size NAPL globules from 20.5 to 24 inches, mothball odor.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80030

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118544.70

Easting: 924725.98

Mud Line: 331.2 Ft

Surface Water Depth: 31.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0208-06	2.9		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
	OL-0208-07	5.2		SOLW	0 to 9 inches is wet, soft black, SILT and silt-like grains, trace fine sand, 0 to 0.5 inch thick Solvay chunks from 4 to 8 inches. Rest of core is wet, soft, green to grayish-green silt-like grains, trace fine sand, mothball odor.	Vibracore	
5	OL-0208-08/OL-0281-17	3.9		SOLW	Wet, soft, grayish-green, silt-like grains, trace fine sand, mothball odor.	Vibracore	Solvay Waste
	OL-0208-09/OL-0272-03	4.6		SOLW	Wet, soft, grayish-green, silt-like grains, trace fine sand, mothball odor.	Vibracore	
10	OL-0208-10/OL-0272-04						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80030

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118544.70

Easting: 924725.98

Mud Line: 331.2 Ft

Surface Water Depth: 31.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0208-10/OL-0272-04	2.1		SOLW	0 to 4 inches is wet, soft, black, silt-like grains, trace fine sand, small Solvay chunks throughout, mothball odor. Rest of core is wet, soft grayish-white to grayish-green, silt-like grains, trace fine sand, mothball odor.	Vibracore	
15	OL-0208-11/OL-0272-05	2.9		SOLW	Wet, soft, grayish-white to grayish-green, silt-like grains, trace fine sand, dark gray discoloration at 39 inches and 42 inches, mothball odor.	Vibracore	Solvay Waste
	OL-0208-12/OL-0272-06	2.0		SOLW	Wet, soft, grayish-green to grayish-white, silt-like grains, trace fine sand.	Vibracore	
20.0							

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80031

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph



Northing: 1118458.26

Easting: 925320.47

Mud Line: 328.7 Ft

Surface Water Depth: 34.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0210-01/OL-0272-07	1.3		SOLW	Wet, soft, dark gray, SILT and silt-like grains, trace fine sand, mothball odor.	Vibracore	
	OL-0210-02/OL-0272-08	3.4		SOLW	Wet, soft, blue-green to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	
5	OL-0210-03/OL-0272-09	3.4		SOLW	Wet, soft, grayish-green, silt-like grains, trace fine sand, black discoloration from 30 to 34 inches, mothball odor.	Vibracore	Solvay Waste
	OL-0210-04/OL-0272-10	1.9		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine sand, pin size NAPL globules from 5 to 8 inches, mothball odor.	Vibracore	
10	OL-0210-08/OL-0272-11						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80031

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118458.26

Easting: 925320.47

Mud Line: 328.7 Ft

Surface Water Depth: 34.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 20.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0210-06/OL-0272-11	1.9		SOLW	Wet, soft, grayish-white, silt-like grains, trace fine black sand, black discoloration from 34 to 35 inches and dark gray from 37 inches to end of core, mothball odor.	Vibracore	
15	OL-0210-07/OL-0272-12	2.2		SOLW	Wet to moist, soft to hard, grayish-green to grayish-white, silt-like grains, trace fine sand, dark gray discoloration from 11 to 13 inches, isolated pin size NAPL globules at 18 inches, mothball odor.	Vibracore	Solvay Waste
20.0	OL-0210-08/OL-0272-13	18.6		SOLW	Wet, soft, grayish-white to grayish-green, silt-like grains, trace fine sand, dark gray discoloration from 26 to 30 inches, mothball odor.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80032

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph



Northing: 1118423.13

Easting: 926062.69

Mud Line: 295.6 Ft

Surface Water Depth: 31.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 18.4

Water Elev: 326.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0210-09	0.9		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
	OL-0210-10/OL-0281-04	1.1		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
	OL-0210-11	3.9		ML	Wet, soft, black, SILT, little clay, trace fine sand, little organics in bottom half, slight petroleum-like odor.	Vibracore	
5	OL-0210-12/OL-0272-14	0.7		SOLW	0 to 12 inches is wet soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor (ML). 12 to 24 inches is wet, soft, dark gray, SILT and silt-like grains, trace fine sand, isolated pin size NAPL globules at 25 inches, slight mothball odor, 24 inches to end of core is wet, soft, grayish-white silt-like grains, trace fine sand, mothball odor (SOLW).	Vibracore	Solvay Waste
10	OL-0210-13/OL-0272-15						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80032

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118423.13
Easting: 926062.69
Mud Line: 295.6 Ft
Surface Water Depth: 31.0 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 18.4**

Water Elev: 326.6 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0210-13/OL-0272-15	1.1		ML	0 to 5 inches is wet, soft dark grayish-green silt-like grains, little fine sand, mothball odor (SOLW). 5 inches to rest of core is wet, soft, gray, SILT, little clay, trace fine sand, slight petroleum-like odor (ML).	Vibracore	Solvay Waste
15	OL-0210-14/OL-0272-16	3.5		ML	Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, slight petroleum-like odor.	Vibracore	Silt
18.4	OL-0210-15/OL-0272-17	1.0		ML	Wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity, trace organics, slight petroleum-like odor.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG

Page 1 of 2

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80033

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Honeywell

Northing: 1118853.27

Easting: 923782.94

Mud Line: 317.3 Ft

Surface Water Depth: 45.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.7

Water Elev: 362.7 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0210-16/OL-0281-09	0.7		ML	Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
	OL-0210-17	2.1		ML	Wet, soft, black, SILT, little clay, trace fine sand, slight petroleum-like odor.	Vibracore	
	OL-0210-18/OL-0271-01	5.9		ML	Wet, soft, gray, silt and silt-like grains, trace clay, trace fine sand, black discoloration from 20 to 28 inches, mothball odor.	Vibracore	
5	OL-0211-01/OL-0271-02	12.6		SOLW	Wet, soft, dark gray to grayish-green, silt-like grains, trace fine sand, NAPL stringer in top 1 inch, several isolated NAPL globules throughout entire core, mothball odor.	Vibracore	Solvay Waste
10	OL-0211-02/OL-0271-03						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80033

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118853.27

Easting: 923782.94

Mud Line: 317.3 Ft

Surface Water Depth: 45.4 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.7

Water Elev: 362.7 Ft

Attempts: 3

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0211-02/OL-0271-03	1.7		SOLW	Wet, soft, dark grayish-green to light grayish-green, silt-like grains, trace fine sand, NAPL stringer in top 1 inch, several mid size NAPL globules from 0 to 23 inches, mothball odor.	Vibracore	
15	OL-0211-03/OL-0271-04	2.0		SOLW	Wet, soft, grayish-green to green, silt-like grains, trace fine sand, black discoloration from 4 to 5 inches and 11 to 27 inches, mothball odor.	Vibracore	Solvay Waste
19.7	OL-0211-04/OL-0271-05	2.5		SOLW	0 to 20 inches wet, soft, greenish-blue to gray, silt-like grains, trace fine sand, mothball odor. Rest of core is wet, soft, black SILT and silt-like grains, trace fine sand, small Solvay chunks within, little clay in bottom 4 inches, faint petroleum-like odor.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80034

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118808.82

Easting: 924390.58

Mud Line: 317.3 Ft

Surface Water Depth: 45.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.6

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0211-06/OL-0281-10	0.8		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
	OL-0211-07	0.9		ML	Wet, soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
5	OL-0211-08/OL-0271-06	2.5		SOLW	Wet, soft to very soft, black to grayish-white, silt-like grains, trace fine sand, mothball odor.	Vibracore	Solvay Waste
	OL-0211-09/OL-0271-07	3.2		SOLW	Wet, soft, grayish-white to green to gray, silt-like grains, trace fine sand, black discoloration from 8 to 9 inches, mothball odor.	Vibracore	
10	OL-0211-10/OL-0271-08						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80034

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118808.82

Easting: 924390.58

Mud Line: 317.3 Ft

Surface Water Depth: 45.3 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.6

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0211-10/OL-0271-08	4.2		ML	Wet, soft dark gray silt and silt-like grains, trace fine sand, mothball odor.	Vibracore	
15	OL-0211-11/OL-0271-09	19.0		SOLW	0 to 31 inches is wet, soft, greenish-blue to grayish-white to greenish-blue, silt-like grains, trace fine sand, several pin size NAPL globules throughout, NAPL stringer at 19 inches, mothball odor. Rest of core is wet, soft, dark gray, silt and silt-like grains, trace fine sand, little clay in last 3 inches, slight mothball odor.	Vibracore	Solvay Waste
19.6	OL-0211-12/OL-0271-10	10.9		ML	Wet, soft, black, silt and silt-like grains, trace fine sand, trace organics, petroleum-like odor.	Vibracore	Silt/solvay waste

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80035

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118788.21
Easting: 925064.00
Mud Line: 320.0 Ft
Surface Water Depth: 42.6 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 19.0**

Water Elev: 362.6 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0211-13/OL-0281-18	0.5		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
	OL-0211-14	0.8		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
5	OL-0211-15/OL-0273-11	2.9		SOLW	0 to 20 inches is wet, soft, black to dark gray, silt and silt-like grains, trace fine sand, trace organics, slight petroleum-like and mothball odor. Rest of core is grayish-green to grayish-white, silt-like grains, trace fine sand, isolated pin size NAPL globules at 23 inches and 36 inches, mothball odor.	Vibracore	Solvay Waste
	OL-0211-16/OL-0273-12	8.1		SOLW	Wet, soft, light grayish-green to gray, silt-like grains, trace fine sand, dark gray discoloration from 15 to 22 inches, small Solvay chunks within, mothball odor.	Vibracore	
10	OL-0211-17/OL-0273-13						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80035

Date: 10/09/2006

Weather: 60 degrees F, winds 4 mph

Northing: 1118788.21

Easting: 925064.00

Mud Line: 320.0 Ft

Surface Water Depth: 42.6 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.0

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0211-17/OL-0273-13	1.8		ML	Wet, soft, gray to dark gray, SILT, trace fine sand, little clay in last 12 inches of core, slight petroleum-like odor.	Vibracore	Silt
15	OL-0211-18/OL-0273-14	5.1		ML	Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, trace organics, petroleum-like odor.	Vibracore	
	OL-0211-19/OL-0273-15	0.9		ML	Wet, soft, black, SILT, little to some clay, low to moderate plasticity, petroleum-like odor.	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80036

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1118777.25

Easting: 925582.28

Mud Line: 321.6 Ft

Surface Water Depth: 41.1 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 18.5

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0215-01/OL-0281-19	0.7		ML	Wet, very soft, black, SILT, trace fine sand.	Vibracore	Silt
	OL-0215-02	0.7		ML	Wet, soft, black, SILT, trace fine sand.	Vibracore	
5	OL-0215-03/OL-0273-07	9.8		ML	0 to 24 inches is wet, soft, black, SILT, little to some clay, low plasticity, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, gray, SILT and silt-like grains, trace fine sand, slight petroleum-like and mothball odor.	Vibracore	Silt/solvay waste
	OL-0215-04/OL-0281-20	9.7		ML	Wet, soft, dark gray to gray, SILT, little silt-like grains, trace fine sand, petroleum-like odor.	Vibracore	
10	OL-0215-05/OL-0273-08						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80036

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1118777.25

Easting: 925582.28

Mud Line: 321.6 Ft

Surface Water Depth: 41.1 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 18.5

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0215-05/OL-0273-08	5.2		ML	Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, petroleum-like odor.	Vibracore	Silt
15	OL-0215-06/OL-0273-09	11.3		ML	Wet, soft, black SILT, some clay, trace fine sand, moderate plasticity, trace organics in bottom top, petroleum-like odor.	Vibracore	
18.5	OL-0215-07/OL-0273-10	0.8		ML	0 to 17 inches is wet, soft, black to dark grayish-brown, SILT, some clay, moderate plasticity. Rest of core is wet to medium stiff, dark grayish-brown, CLAY and silt (CL).	Vibracore	
							Clay/Silt

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80037

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1120455.62

Easting: 927210.22

Mud Line: 324.5 Ft

Surface Water Depth: 38.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: MATT VETTER

Penetration Depth: 4.5

Core Recovery Depth: 4.4

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0206-01/OL-0281-03	0.0		ML	Wet, very soft, black, SILT, slight organic odor, low plasticity.	Vibracore	Silt
	OL-0206-02/OL-0271-19	0.0		ML	Wet, very soft, black, SILT, trace brown clay from 30 to 41 inches.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80038

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119919.05

Easting: 927090.71

Mud Line: 329.0 Ft

Surface Water Depth: 33.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: MATT VETTER

Penetration Depth: 4.5

Core Recovery Depth: 4.5

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0206-03	0.2		ML	Wet, very soft, black, SILT, low plasticity, slight organic odor.	Vibracore	Silt
	OL-0206-04/OL-0281-02	0.2		ML	Wet, very soft, black, SILT, little clay, slight organics odor, low plasticity.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80039

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119442.47

Easting: 926887.33

Mud Line: 329.0 Ft

Surface Water Depth: 33.7 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: MATT VETTER

Penetration Depth: 4.6

Core Recovery Depth: 4.6

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0206-05/OL-0281-11	0.1		ML	Wet, very soft, black, SILT, trace brown clay, slight organic odor, low plasticity	Vibracore	Silt
	OL-0206-06	0.1		ML	Black, very soft, SILT, little clay, slight organic odor, low plasticity.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80040

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119062.41

Easting: 926712.81

Mud Line: 329.5 Ft

Surface Water Depth: 33.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: MATT VETTER

Penetration Depth: 4.5

Core Recovery Depth: 4.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0206-07	0.1		ML	Wet, very soft, black, SILT, trace brown clay, low plasticity.	Vibracore	Silt
	OL-0206-08/OL-0281-12	0.1		ML	Wet, very soft, black, SILT, little brown clay, decreasing clay content with depth, low plasticity, slight organic odor.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80041

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1118839.66

Easting: 923156.65

Mud Line: 325.2 Ft

Surface Water Depth: 37.5 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 4.5

Core Recovery Depth: 4.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0205-03	0.4		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
	OL-0205-04/OL-0271-20	1.2		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80042

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1119997.60

Easting: 921715.77

Mud Line: 325.5 Ft

Surface Water Depth: 37.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 4.6

Core Recovery Depth: 4.6

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0205-01	0.4		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
	OL-0205-02/OL-0281-01	0.5		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80043

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1121119.28

Easting: 921306.92

Mud Line: 323.7 Ft

Surface Water Depth: 39.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 4.2

Core Recovery Depth: 4.2

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0204-16	0.3		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
	OL-0204-17	0.9		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor. Bottom 1 inch is wet, soft light gray, SILT, trace fine sand. Trace vertebrates at 34 inches.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80044

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1123842.25

Easting: 919639.43

Mud Line: 318.7 Ft

Surface Water Depth: 44.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 4.5

Core Recovery Depth: 4.5

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0204-14	0.1		ML	Wet, very soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	Silt
	OL-0204-15/OL-0281-13	0.0		ML	Wet, very soft to soft, black, SILT, trace fine sand, slight petroleum-like odor.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80045

Date: 10/06/2006

Weather: 48 degrees F, winds 4 mph

Northing: 1124834.34

Easting: 918863.97

Mud Line: 326.9 Ft

Surface Water Depth: 35.8 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 4.5

Core Recovery Depth: 4.0

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0204-12/OL-0281-14	0.1		ML	Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
	OL-0204-13	0.0		ML	0 to 10 inches is wet, soft, black, SILT, trace fine sand, petroleum-like odor. Rest of core is wet, very soft, black to dark gray, SILT, trace fine sand, slight chlorobenzene odor.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80046

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1127247.84

Easting: 914921.90

Mud Line: 329.7 Ft

Surface Water Depth: 33.1 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: MATT VETTER

Penetration Depth: 4.5

Core Recovery Depth: 4.4

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0206-09/OL-0281-15	0.1		ML	Wet, very soft, black to gray-brown varved, SILT, trace clay, bottom 2 inches increased brown clay content, low plasticity.	Vibracore	Silt
	OL-0206-10	0.2		ML	Top 1 foot is wet, very soft, gray to black, SILT, little clay, bottom 1.5 feet is wet, very soft, black to gray varved, SILT, little clay, low plasticity, slight organic odor.	Vibracore	

3.3

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80047

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1127129.24

Easting: 915478.38

Mud Line: 327.7 Ft

Surface Water Depth: 35.0 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 4.5

Core Recovery Depth: 4.4

Water Elev: 362.7 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0207-06/OL-0273-01	0.5		ML	Wet, soft, black, SILT, trace fine sand.	Vibracore	Silt
	OL-0207-07/OL-0281-16	0.4		ML	Wet, soft, black to gray, SILT, little clay.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80048

Date: 10/07/2006

Weather: 49 degrees F, winds 3 mph

Northing: 1127200.35

Easting: 915963.71

Mud Line: 327.9 Ft

Surface Water Depth: 34.9 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 4.5

Core Recovery Depth: 4.0

Water Elev: 362.8 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0207-08/OL-0272-19	0.4		ML	Wet, soft, dark gray, SILT, some clay, low plasticity.	Vibracore	Silt
	OL-0207-09/OL-0272-20	0.4		ML	Wet, soft, dark gray to black to grayish-white, SILT, some clay, low plasticity.	Vibracore	
3.3							

Vibracore advanced beyond target depth to ensure sufficient sample volume. Excess sediment was discarded onsite in 55 gallon drums. Null field readings indicate a reading was not taken.

BORING LOG

Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80049

Diameter: NA

Date: 10/07/2006



Northing: 1119102.42

Easting: 922978.63

Elevation: NA

Datum: Unknown

Driller: Ocean Survey Inc

Method: NA

Consultant: MATT VEDDER (Parsons)

Project No:

Field Book No:

Total Depth: 4.4 Ft

GW Depth: 0.0 Ft

Depth Ft	Recovery	Solid Sample ID	PID (ppm)	Mercury (mg/mm3)	Soil Code	Pattern	Soil Description
0		OL-0206-11/OL-0272-01	0.1		ML		Wet, very soft, black, SILT, little grayish-brown, low plasticity, clay, slight organic odor.
		OL-0206-12/OL-0272-02	1.5		ML		0 to 6 inches is wet, very soft, gray brown, SILT, some clay, low plasticity. Rest of core is, wet, very soft, black, SILT, trace clay, petroleum-like odor, low plasticity.
3.3							

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80050

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1119232.37
Easting: 924201.85
Mud Line: 308.0 Ft
Surface Water Depth: 54.6 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 17.0**

Water Elev: 362.6 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
0	OL-0215-09/OL-0273-04	0.4		ML	Wet, very soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore	Silt
				Wet, soft, black, SILT, trace fine sand, petroleum-like odor.	Vibracore		
	OL-0215-10/OL-0273-05	1.7		ML		Vibracore	
		17.1		ML	Wet, very soft, black to dark gray, SILT, little fine sand, petroleum-like odor.	Vibracore	
OL-0215-11/OL-0282-01			ML		Vibracore		
5	OL-0215-12/OL-0273-06	2.1		ML	Wet, soft, black, SILT, trace clay, trace fine sand, petroleum-like odor.	Vibracore	
10	OL-0215-13						

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80050

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1119232.37
Easting: 924201.85
Mud Line: 308.0 Ft
Surface Water Depth: 54.6 Ft

Drilling Company: Ocean Survey Inc
Logging Company: Parsons
Geologist: HILLARY SLETTEN
Penetration Depth: 20.0 **Core Recovery Depth: 17.0**

Water Elev: 362.6 Ft
Attempts: 1
Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0215-13	1.1		CL	0 to 15 inches is wet, soft, black, SILT, little to some clay, low to moderate plasticity. Rest of core is wet, soft to medium stiff, dark grayish-brown CLAY and SILT, moderate plasticity, trace shells.	Vibracore	Silt
	OL-0215-14/OL-0282-02	1.1		CL	Wet, soft to medium stiff, dark grayish-brown, CLAY and SILT, moderate plasticity, trace shells, sulfur odor (MARL).	Vibracore	Marl
	OL-0215-15	0.8		CL	Wet, soft to medium stiff, dark grayish-brown, CLAY and SILT, moderate plasticity, trace shells, sulfur odor (MARI)	Vibracore	

Null field readings indicate a reading was not taken.

BORING LOG



Site: Onondaga Lake (Syracuse NY)

Boring No: OL-VC-80051

Date: 10/10/2006

Weather: 57 degrees F, winds 5 mph

Northing: 1119150.99

Easting: 925420.10

Mud Line: 314.4 Ft

Surface Water Depth: 48.2 Ft

Drilling Company: Ocean Survey Inc

Logging Company: Parsons

Geologist: HILLARY SLETTEN

Penetration Depth: 20.0

Core Recovery Depth: 19.0

Water Elev: 362.6 Ft

Attempts: 1

Depth Units: Ft

Depth Ft	Sample ID	PID (ppm)	Mercury (mg/m3)	USCS Code	Soil Description	Sample Method	Stratum
10	OL-0217-05	0.9		ML	Wet, soft, black, SILT, little to some clay, trace fine sand, low to moderate plasticity, petroleum-like odor.	Vibracore	Silt
15	OL-0217-06	0.8		ML	0 to 11 inches is wet, soft, black, SILT, some clay, trace fine sand, low to moderate plasticity. Rest of core is wet, soft, dark grayish-brown, SILT and CLAY, moderate plasticity, trace shells.	Vibracore	Silt/Clay
	OL-0217-07	0.6		ML	Wet, medium stiff, dark grayish-brown, SILT and CLAY, moderate plasticity, trace shells.	Vibracore	
19.0	Null field readings indicate a reading was not taken.						