

## Appendix 2

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Lithologic descriptions of sediment cores collected at selected sites in the Otsego City impoundment on the Kalamazoo River at Otsego, Mich.

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**Appendix 2.** Lithologic descriptions of sediment cores collected at selected sites in the Otsego City impoundment on the Kalamazoo River at Otsego, Mich.

<b>Site and lithology</b>	<b>Thickness (feet)</b>	<b>Site and lithology</b>	<b>Thickness (feet)</b>
<b>Site SC-A4</b> Silt/clay, black; sand, fine	0.9	<b>Site SC-C4</b> Silt/clay, black; sand, fine	1.5
<b>Site SC-A7</b> Sand, fine-medium; some silt/clay, gray	2.5	<b>Site SC-C5</b> Sand, medium-fine; silt/clay, black	1.1
<b>Site SC-A8</b> Sand, fine-coarse, black; gravel	.6	<b>Site SC-C6</b> Sand, fine-medium; silt/clay, black	1.5
<b>Site SC-A9</b> Sand, medium-fine; silt/clay, black	.5	<b>Site SC-C7</b> Silt/clay, black; sand, fine-medium	1.0
<b>Site SC-A10</b> Sand, fine-medium; silt/clay, black Sand, medium-fine	1.5 .5	<b>Site SC-C9</b> Sand, coarse-fine; silt/clay, black; gravel Sand, medium-fine; silt/clay, black	1.0 .5
<b>Site SC-A11</b> Sand, medium-fine, brown Sand, fine-coarse, black; some gravel Sand, medium-coarse, black	1.0 1.0 2.0	<b>Site SC-C10</b> Gravel; sand, medium Silt/clay, black; some fine sand	.5 1.0
<b>Site SC-A12</b> Silt/clay, gray; sand, fine-medium Sand, medium-fine	4.8 1.6	<b>Site SC-C11</b> Silt/clay, gray Sand, coarse-fine, gray; gravel	2.0 2.1
<b>Site SC-A13</b> Sand, medium-coarse, black Silt/clay, black Sand, medium-fine, black	3.0 1.5 2.5	<b>Site SC-C12</b> Sand, fine-medium; silt/clay, black	4.3
<b>Site SC-B1</b> Sand, coarse-medium, black; gravel Sand, coarse-fine; gravel, silt/clay, black	3.0 6.5	<b>Site SC-C13</b> Sand, fine-medium; silt/clay, black Sand, fine-coarse, black	1.6 2.8
<b>Site SC-B2</b> Gravel; sand, medium-fine; some silt/clay Sand, medium-fine; silt/clay, black	.7 .6	<b>Site SC-D2</b> Sand, fine-medium; gravel Sand, medium-fine, gray	.5 4.1
<b>Site SC-B3</b> Sand, fine-medium; silt/clay, black Sand, medium-fine	1.4 .6	<b>Site SC-D4</b> Gravel; sand, medium-coarse Sand, medium-coarse, black; gravel	.9 3.9
<b>Site SC-B4</b> Sand, medium-fine; silt/clay, black; some gravel	4.5	<b>Site SC-D5</b> Sand, coarse-fine; gravel Sand, coarse-medium; silt/clay, black	.1 4.1
<b>Site SC-B6</b> Sand, fine-medium; silt/clay, black	2.2	<b>Site SC-D7</b> Sand, fine-medium; silt/clay, black	3.6

**Appendix 2.** Lithologic descriptions of sediment cores collected at selected sites in the Otsego City impoundment on the Kalamazoo River at Otsego, Mich. -- Continued

Site and lithology	Thickness (feet)	Site and lithology	Thickness (feet)
<b>Site SC-E1</b>		<b>Site SC-F9</b>	
Silt/clay, black; sand, fine-coarse	3.5	Gravel; sand, coarse	3.0
Sand, coarse-medium, gray	2.8	Sand, fine-coarse; silt/clay, black; gravel	1.1
<b>Site SC-E2</b>		<b>Site SC-F10</b>	
Sand, medium-fine, gray	3.5	Silt/clay, black; sand, fine	1.9
		Sand, fine-coarse, brown; silt/clay; gravel	1.1
<b>Site SC-E3</b>		<b>Site SC-F11</b>	
Silt/clay, black; sand, fine-coarse	4.5	Sand, coarse-medium; gravel	2.1
		Sand, medium-coarse	2.5
<b>Site SC-F1</b>		Sand, coarse-fine; silt/clay	2.5
Silt/clay, black; sand, coarse	3.6		
Sand, fine-medium; silt/clay	3.5	<b>Site SC-F12</b>	
		Sand, coarse; gravel	1.0
<b>Site SC-F2</b>		Silt/clay, black; sand, coarse; gravel	2.8
Silt/clay, black; sand, medium-fine	1.7		
Sand, coarse-medium	1.7	<b>Site SC-F13</b>	
		Sand, coarse-medium; gravel	1.0
<b>Site SC-F3</b>		Sand, coarse; silt/clay, black; some gravel	4.8
Sand, fine-medium; silt/clay, black	4.9		
Sand, fine, brown; silt/clay	3.0	<b>Site SC-G1</b>	
		Sand, medium-coarse, black; some gravel	.5
<b>Site SC-F4</b>		Silt/clay, black; sand, medium-fine	7.0
Sand, coarse-medium	2.8		
Sand, fine-medium; silt/clay, black	1.0	<b>Site SC-G2</b>	
Sand, fine-coarse; silt/clay	1.7	Sand, coarse-medium; gravel	.5
		Sand, coarse-medium, black	5.0
<b>Site SC-F5</b>		Sand, fine-medium; silt/clay, gray	2.0
Sand, coarse-medium, gravel	.9		
Sand, coarse-fine; silt/clay; some gravel	4.5	<b>Site SC-G3</b>	
		Sand, medium-fine, black	1.0
<b>Site SC-F6</b>		Silt/clay, black; sand, fine	3.0
Sand, coarse-fine	.5	Sand, medium-fine; some silt/clay	2.0
Silt/clay, black; sand, fine-medium	2.4		
Sand, coarse-fine; gravel; some silt/clay	.8	<b>Site SC-G4</b>	
		Sand, coarse-medium; gravel	.5
<b>Site SC-F7</b>		Sand, coarse-medium, black	3.5
Silt/clay; sand, coarse-medium; gravel	1.2	Silt/clay; sand, coarse-medium	1.0
Silt/clay, black; sand, fine; gravel	3.2		
Sand, coarse-medium; silt/clay; gravel	1.6	<b>Site SC-G5</b>	
		Sand, coarse-medium; gravel	1.0
<b>Site SC-F8</b>		Sand, medium-coarse; some gravel	3.0
Sand, fine-coarse; silt/clay	.5	Silt/clay; sand, coarse-medium	2.0
Sand, fine-medium; silt/clay, gray; gravel	1.8		
Sand, fine-coarse; silt/clay; some gravel	1.4	<b>Site SC-G6</b>	
		Sand, coarse-medium; gravel	1.0
		Sand, fine-medium; silt/clay	1.5
		Sand, fine; silt/clay	1.0

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Appendix 2. Lithologic descriptions of sediment cores collected at selected sites in the Otsego City impoundment on the Kalamazoo River at Otsego, Mich. -- Continued

Site and lithology	Thickness (feet)	Site and lithology	Thickness (feet)
<b>Site SC-G7</b>		<b>Site SC-I2</b>	
Sand, coarse-medium; gravel	1.0	Silt/clay; sand, fine; wood fiber	2.7
Sand, fine-medium; silt/clay, black	1.5	Sand, fine; silt/clay; wood fiber	3.0
Sand, fine-medium; silt/clay	1.0		
<b>Site SC-G8</b>		<b>Site SC-I3</b>	
Sand, fine-coarse; gravel	2.5	Sand, medium-fine; silt/clay; wood fiber	2.2
Sand, fine-medium; silt/clay, black; some gravel	4.5	Sand, coarse-medium; silt/clay, gray	2.5
Sand, fine-coarse; silt/clay, black	1.0		
<b>Site SC-G9</b>		<b>Site SC-I4</b>	
Gravel; pebbles; sand, fine	1.0	Sand, fine-medium; silt/clay	1.5
Silt/clay; sand, fine	6.0	Sand, coarse-fine; silt/clay	1.3
Sand, fine-medium; silt/clay, gray	1.0		
<b>Site SC-G10</b>		<b>Site SC-I5</b>	
Sand, fine-coarse; some silt/clay	4.0	Gravel; sand, coarse	.9
Sand, medium-fine; silt/clay	3.5	Sand, fine-medium; silt/clay, gray	.8
		Sand, fine-coarse; gravel; silt/clay, black	1.4
<b>Site SC-H1</b>		<b>Site SC-I6</b>	
Sand, medium-fine, black	5.6	Gravel; sand, coarse-medium	.2
Silt/clay; sand, fine; some gravel	1.0	Silt/clay; sand, fine-medium	2.1
		Sand, medium-fine; silt/clay	1.3
<b>Site SC-H2</b>		<b>Site SC-I7</b>	
Sand, medium-coarse; silt/clay	.6	Gravel; silt/clay, black; some sand	.2
Silt/clay, black	7.0	Sand, fine-medium, green; silt/clay	3.2
Sand, medium-coarse; silt/clay	1.3		
<b>Site SC-H3</b>		<b>Site SC-I8</b>	
Sand, medium, brown	1.0	Sand, fine-medium; silt/clay, black	5.1
Sand, coarse-medium, gray	1.7	Sand, fine-coarse; silt/clay; some gravel	1.2
Sand, medium-fine; silt/clay, black	4.5		
<b>Site SC-H4</b>		<b>Site SC-I9</b>	
Sand, medium-fine, brown	.5	Sand, coarse-medium; gravel	.5
Sand, medium-coarse, gray	3.1	Silt/clay, black; sand, coarse-fine	3.9
Sand, medium-fine; silt/clay, black	.2	Sand, coarse-medium; gray	3.0
<b>Site SC-H5</b>		<b>Site SC-I10</b>	
Sand, coarse-fine, brown	.5	Sand, coarse-fine; gravel	2.5
Sand, coarse-fine; some gravel	3.6	Silt/clay; sand, fine	5.0
Sand, fine-coarse, brown; silt/clay; gravel	.7	Silt/clay; sand, fine-medium, brown	1.0
<b>Site SC-I1</b>		<b>Site SC-I11</b>	
Gravel; pebbles; sand, coarse	.1	Muck; wood fiber	8.3
Silt/clay, black; some gravel	6.4	Sand, fine-coarse; silt/clay, black	2.7
Sand, fine-coarse; some gravel	1.0		

**Appendix 2.** Lithologic descriptions of sediment cores collected at selected sites in the Otsego City impoundment on the Kalamazoo River at Otsego, Mich. -- Continued

Site and lithology	Thickness (feet)	Site and lithology	Thickness (feet)
<b>Site SC-I12</b>		<b>Site SC-I16</b>	
Muck; wood fiber	5.9	Sand, fine-coarse, brown	1.0
Silt/clay; sand, fine-coarse; some gravel	1.1	Sand, fine-medium, green; silt/clay, black	3.0
		Sand, fine-medium; silt/clay, gray	3.1
<b>Site SC-I13</b>		<b>Site SC-J1</b>	
Sand, fine-medium; silt/clay	4.4	Silt/clay, black; some sand, fine	3.2
Sand, coarse-fine; some silt/clay	1.1	Sand, fine-medium, brown; silt/clay	4.3
<b>Site SC-I14</b>		<b>Site SC-J2</b>	
Sand, fine, green; silt/clay, black	1.3	Silt/clay, black; some sand, fine	8.5
Sand, fine-medium, brown; silt/clay	1.8	Gravel; silt/clay; sand, coarse-medium	.8
<b>Site SC-I15</b>		<b>Site SC-J3</b>	
Sand, coarse-fine, brown; gravel	1.0	Silt/clay, black; some sand, fine	6.0
Sand, fine, green; silt/clay	.9	Sand, coarse-medium; gravel; silt/clay	1.5
Sand, fine, brown; silt/clay	.9		

