



Appendices to 2016 and 2017 Biological and Habitat Studies of 33 Rivers and Streams in Ohio Evaluating Section 319(h) and SWIF/GLRI Projects



Wildcat Run, RM 1.4, Delaware County, OH

Division of Surface Water
Ecological Assessment Unit

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Appendices

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Appendix A
Qualitative Habitat Evaluation (QHEI) Index Scores and Attributes

Key QHEI Components				WWH Attributes					MWH Attributes										MWH H.I.+1 / WWH+1 Ratio		MWH M.I. / WWH Ratio							
				Boulder/Cobble/Gravel Substrates Not Channelized or Recovered	Good/Excellent Development	Silt Free Substrate	Moderate/High Sinuosity	Extensive/Moderate Cover	Fast Current/Eddies	Low/Normal Embeddedness	Max Depth > 40cm	Low/Normal Rifle Embeddedness	Channelized/No Recovery	Silt/Muck Substrates	No Sinuosity	Sparse/No Cover	Max Depth < 40cm	High-Influence Modified Attributes					Recovering Channels	Heavy/Moderate Substrates	Sand Substrates (Boat)	Fair/Poor Development	Only 1 or 2 Cover Types	Intermittent/Poor Pools
Station	River Mile	QHEI	Gradient (ft/mi)																WWH Attributes	High-Influence Modified Attributes	Mod. Influence Modified Attributes							
East Fork Mill Creek (23-006-000)																												
Year: 2014																												
600460	1.9	51.3	7.87	X	X		X	X	4			X	1	X		X	X	X	X	X	X	X	X	X	X	7	0.60	1.80
301418	1.2	50.8	7.87	X			X		2			X	X	2	X		X	X	X	X	X	X	X	X	X	7	1.33	3.00
Year: 2017																												
600460	1.9	49.0	7.87	X			X		2			X	X	2	X	X	X	X	X	X	X	X	X	X	X	8	1.33	3.33
301418	1.2	54.0	7.87	X			X	X	4	X	X	X	X	3	X		X				X	X			X	4	0.80	1.20
Trib To Cilley Cr. (1.40) (23-001-020)																												
Year: 2016																												
303660	0.8	64.0	273.00	X	X	X	X	X	5			X	1	X	X		X	X	X	X	X	X	X	X	X	6	0.33	1.17
Mill Creek (23-001-000)																												
Year: 2016																												
Q01S12	7.9	60.0	4.40	X	X		X	X	X	6	X	X	2			X	X									2	0.43	0.57
Q01S09	4.9	56.3	6.21	X			X	X	4	X	X	X	3	X	X	X	X	X	X	X	X	X	X	X	X	5	0.80	1.40
302045	4.3	64.5	6.83	X	X		X	X	5	X	X	2	X	X	X	X	X	X	X	X	X	X	X	X	X	4	0.50	1.00
Year: 2017																												
Q01S15	13.4	56.3	6.21				X	X	X	4	X		1	X	X	X	X	X	X	X	X	X	X	X	X	5	0.60	1.40
Trib To Black R. (6.55) (20-001-002)																												
Year: 2016																												
303666	3.0	38.5	27.50						0	X	X	X	X	5	X	X		X	X	X	X	X	X	X	X	6	6.00	8.00
Kelsey Creek At Cuyahoga Falls @ Intersection Kelsey/Rainier (19-001-035)																												
Year: 2016																												
302716	0.9	64.5	45.30	X	X	X	X	X	X	10			0			X										1	0.09	0.27
302252	0.8	62.5	44.20	X			X	X	5			0	X	X	X	X	X	X	X	X	X	X	X	X	X	5	0.33	1.00
302253	0.6	70.3	43.20	X	X	X	X	X	8	X	X	0														1	0.11	0.33
East Branch Euclid Creek (19-041-001)																												
Year: 2017																												
303839	5.2	62.5	22.20	X	X	X	X	X	6	X	X	1	X	X	X	X	X	X	X	X	X	X	X	X	X	8	0.43	1.29
Trib. To Pond Brook (3.90) (19-008-004)																												
Year: 2014																												
302678	0.5	70.3	26.32	X	X	X	X	X	7			0			X											3	0.13	0.63
302677	0.0	41.8	3.92	X			X	X	3			0	X	X	X	X	X	X	X	X	X	X	X	X	X	9	0.50	2.75
Year: 2016																												
302680	0.9	77.0	38.46	X	X	X	X	X	8			0									X	X	X	X	X	3	0.11	0.44
302678	0.5	65.5	26.32	X	X	X	X	X	7			X	1	X	X	X	X	X	X	X	X	X	X	X	X	5	0.25	0.88
302677	0.0	24.8	42.10	X					1	X	X	X	X	5	X	X	X	X	X	X	X	X	X	X	X	6	3.00	3.50
Pond Brook (19-008-000)																												
Year: 2011																												

301659	2.6	45.5	3.57			X		X X	3	X	X	2	X X	X	X X X	6	1.00	1.75		
Year: 2012																				
F01S42	3.7	25.8	3.56					X	1	X X X X	4	X X	X	X X X	X	7	2.50	4.00		
F01S41	3.4	35.0	3.56			X		X	2	X	X	2	X X	X	X X X X	7	1.33	2.67		
F01W28	2.3	38.0	3.57			X		X	2	X X X X	4	X X	X X	X X X X	8	1.67	3.00			
F01S40	1.4	32.5	4.52					X	1	X X X X	4	X X	X X	X X X X	8	2.50	4.50			
Year: 2016																				
F01S42	3.7	27.5	3.56					X	1	X X	X	3	X X	X X	X X	X	7	2.00	4.00	
301659	2.6	51.0	3.56	X		X		X	3	X	X	2	X	X	X X X	5	0.75	1.50		
F01W28	2.4	44.5	3.57	X		X		X	3	X	X	2	X	X	X X	X	5	0.75	1.50	
F01S40	1.4	36.5	4.52					X	1	X X X X	4	X	X	X X	X	5	2.50	3.00		
Year: 2017																				
303835	1.3	51.0	4.52			X		X	2	X		1	X X	X X	X X X	7	1.00	3.00		
Hawthorn Creek (19-007-008)																				
Year: 2014																				
302669	2.8	58.0	55.50			X X X X X X X	7	X				1		X			1	0.25	0.38	
Year: 2017																				
302669	2.8	66.5	55.50	X X		X X X	X X X	8				0	X		X X		3	0.11	0.56	
Eckert Ditch (19-001-018)																				
Year: 2017																				
F01G19	1.1	41.0	5.23	X				X	2	X X		2		X	X X	X	4	1.00	1.67	
Troyer Valley Creek (17-416-000)																				
Year: 2016																				
R05S64	1.1	38.0	8.77	X					1	X	X X X	4	X X	X X X	X X X	8	2.50	5.00		
South Fork Sugar Creek (17-410-000)																				
Year: 2016																				
R05S41	21.1	29.5	9.30						0	X X X X X	5	X X	X X	X X X X	8	6.00	10.00			
303658	18.4	30.0	5.42						0	X X X X X	5	X X	X X X	X X X	8	6.00	10.00			
Trib To Aurora Branch (1.07) (15-005-007)																				
Year: 2017																				
303832	0.3	47.5	107.00	X X		X		X X	5	X X		2		X	X	X	X	4	0.50	1.00
East Branch Chagrin River (15-002-000)																				
Year: 2017																				
D01G14	12.7	77.0	12.20	X X		X		X X X	7			0		X	X		2	0.13	0.50	
Chagrin River (15-001-000)																				
Year: 2016																				
301233	19.7	75.3	14.80	X X		X X X X	X X	8		X		1	X				1	0.22	0.33	
Year: 2017																				
303833	28.6	80.5	20.00	X X		X		X X X X X	8			0		X			1	0.11	0.33	
D01P04	18.1	68.8	28.57	X X		X		X	5	X		1			X X X		3	0.33	0.67	
Trib To E Br Rocky (Rm 24.72) (13-100-012)																				
Year: 2016																				
303681	0.6	43.0	0.00	X		X		X	3	X X		2	X	X	X X	X	5	0.75	1.50	
Rocky River (13-001-000)																				
Year: 2014																				
T01W03	1.7	72.5	4.54	X X		X		X X	7	X		1	X	X X	X		4	0.25	0.75	
Year: 2017																				
T01W03	1.8	74.8	4.54	X X		X X X		X	6	X		1	X	X X	X X X		6	0.29	1.14	
West Branch Raccoon Creek (09-575-000)																				

Year: 2017															
W03W36	5.7	72.8	22.22	X X	X X X	X X X	8		0			X	1	0.11 0.33	
300428	4.1	71.3	20.83	X X	X	X X X	6		0		X X	X X	4	0.14 0.71	
Brushy Fork (09-571-000)															
Year: 2017															
303831	10.3	78.5	12.50	X X	X X	X X X	7		0		X	X	2	0.13 0.50	
Mckinley Creek (07-027-000)															
Year: 2017															
303837	0.8	46.3	36.37	X X	X		3		X X	2	X X	X X	X X X X	8	1.00 2.50
Allen Run (05-043-000)															
Year: 2011															
U02G20	1.2	52.5	9.26	X		X X X	4		X	1	X	X X	X X	5	0.60 1.40
Year: 2016															
U02G20	1.2	51.0	9.26	X X	X X		4		X X	2	X	X	X X X X	6	0.60 1.60
South Fork Loss Creek (05-041-001)															
Year: 2011															
201377	0.1	73.8	22.73	X X		X X X X X	7		0		X	X X		3	0.13 0.50
Year: 2016															
201377	0.0	78.5	13.10	X X	X X X	X X X	8		0			X X X	3	0.11 0.44	
Loss Creek (05-041-000)															
Year: 2011															
301595	5.2	59.5	11.90	X		X X X	4		0		X	X X	X X X X	7	0.40 1.60
U02G03	1.0	72.8	20.41	X X	X X X X	X X X X	9		0		X	X X		3	0.10 0.50
Year: 2016															
301595	5.2	61.0	10.00	X X		X X X	5		0		X X	X X	X X X X X	9	0.33 1.67
U02G03	1.0	71.5	20.41	X X		X X	4		0		X	X X	X X X X	7	0.20 1.60
Grand River (03-001-000)															
Year: 2017															
200586	6.8	82.0	6.06	X X	X	X X X X X	8		0			X		1	0.11 0.33
Olentangy River (02-400-000)															
Year: 2003															
V04G21	28.1	55.5	0.10	X		X X	3	X		1	X	X X	X X X	6	0.50 2.00
Year: 2005															
V04K03	26.0	45.5	0.10	X		X	2	X	X	2	X	X X	X X X	6	1.00 2.67
V04K02	25.8	49.0	0.10	X		X X	3	X	X X	3		X	X X	3	1.00 1.25
Year: 2016															
301673	28.1	85.3	5.68	X X	X X X X	X X X X	9		0			X		1	0.10 0.30
300583	26.0	83.0	6.58	X X	X X X X	X X X X	9		0		X X	X	X	4	0.20 0.60
300582	25.8	77.5	6.58	X X	X X X X	X X X X	9		0		X X	X	X	4	0.20 0.60
303672	22.5	69.0	9.43	X	X	X X X X X	7		X	1	X	X X	X	4	0.25 0.75
Dysar Run (02-130-009)															
Year: 2017															
303834	3.0	76.5	39.60	X X	X X X	X X X	8		0			X X		2	0.11 0.33
Sycamore Run (Gahanna) (02-123-001)															
Year: 2013															
302245	1.5	75.3	58.82	X X	X X X	X X X	8		0			X		1	0.11 0.22
Year: 2017															
302245	1.5	72.8	58.82	X X	X X X	X X X	8		0			X	X X	3	0.11 0.44
Clover Groff Run (02-204-001)															

Year: 2009																												
203209	7.0	23.5	3.28						X	1	X	X	X	X	4	X	X	X	X	X	X	X	X	8	2.50	4.50		
Year: 2017																												
203209	7.0	25.5	3.28							0	X	X	X	X	4	X	X	X	X	X	X	X	7	5.00	8.00			
Scioto River (02-001-000)																												
Year: 2009																												
V07P16	131.8	45.0	0.10	X						X	2	X	X	X	3			X		X	X	X	4	1.33	2.00			
Year: 2016																												
303673	131.4	62.0	2.40	X						X	3			X	1	X	X	X	X	X	X	X	7	0.75	2.25			
Fetters Run (01-047-000)																												
Year: 2014																												
302673	0.9	72.0	14.71	X	X	X	X	X	X	X	X	X	X	9					X	X		X	X	4	0.10	0.50		
Year: 2017																												
302673	0.2	65.0	14.71	X	X	X	X	X	X	X	X	X	X	7					X	X		X	X	4	0.13	0.75		
Ewing Run (01-046-001)																												
Year: 2014																												
302672	0.1	58.3	38.46	X	X				X	X	X	X	X	6			X		1	X	X	X	X	X	6	0.43	1.00	
Year: 2016																												
302672	0.2	57.5	40.60	X	X				X	X	X	X	X	5			X	X	2	X	X			X	3	0.67	0.83	
Baldwin Run (01-046-000)																												
Year: 2014																												
302671	0.6	66.8	13.89	X	X	X	X	X	X	X	X	X	X	7					0	X	X		X	X	5	0.25	0.88	
J01S15	0.3	68.0	13.89	X	X	X	X	X	X	X	X	X	X	9					0	X	X		X	X	4	0.20	0.60	
Year: 2016																												
302671	0.7	65.0	32.40	X					X	X	X	X	X	6					0	X	X		X	X	4	0.29	0.86	
J01S15	0.4	53.0	32.40	X	X					X	X	X	X	3			X		1	X	X	X	X	X	X	8	0.75	2.50

Appendix B
Fish Index of Biotic Integrity (IBI) Scores and Metrics

Headwater Sites			Number of						Percent of Individuals						Rel Nol minus tolerants/ (0.3km)	IBI
River Mile	Type	Date	DA (sq mi)	Total Species	Minnow Species	Headwater Species	Sensitive Species	Darter Sculpin Species	Simple Lithophils	Tolerant Fishes	Omni- vores	Pioneering	Insect- ivores	DELT Anomalies		
BALDWIN RUN (01-046)																
Year: 2016																
0.70	E	8/29/2016	12.0	18(5)	7(5)	2(3)	4(3)	5(5)	26.3(5)	57.6(1)	17.7(3)	40.6(3)	11.0(1)	0.0(5)	1808(5)	44
0.19	E	8/29/2016	13.0	14(5)	6(3)	2(3)	4(3)	5(5)	56.0(5)	60.4(1)	22.2(3)	22.0(5)	19.0(1)	0.0(5)	960(5)	42
Year: 2014																
0.70	E	6/24/2014	12.0	16(5)	6(3)	2(3)	3(3)	4(3)	6(3)	67.5(1)	22.8(3)	32.7(3)	31.1(3)	0.00(5)	264(3)	38
0.19	E	6/24/2014	13.0	15(3)	6(3)	2(3)	4(3)	5(5)	7(5)	78.2(1)	15.2(5)	9.1(5)	14.3(1)	0.00(5)	340(3)	42
EWING RUN (01-046)																
Year: 2016																
0.17	E	8/29/2016	5.0	16(5)	7(5)	3(3)	4(5)	5(5)	39.8(5)	50.4(3)	9.2(5)	24.1(5)	10.0(1)	0.0(5)	1248(5)	50
Year: 2014																
0.17	E	6/24/2014	5.0	11(3)	4(3)	3(3)	3(3)	5(5)	6(5)	57.1(1)	0.3(5)	22.2(5)	35.7(3)	0.00(5)	642(5)	46
FETTERS RUN (01-047)																
Year: 2016																
1.15	E	8/29/2016	6.0	17(3)	7(5)	2(3)	4(3)	5(5)	30.5(5)	66.8(1)	14.5(5)	52.1(3)	19.0(1)	0.0(5)	408(3)	44
Year: 2014																
1.15	E	6/24/2014	6.0	16(5)	6(5)	3(3)	3(3)	5(5)	7(5)	47.7(3)	7.3(5)	20.5(5)	41.5(5)	0.0(5)	792(5)	54
SYCAMORE RUN (GAHANNA) (02-123)																
Year: 2013																
1.50	E	7/17/2013	1.0	9(5)	4(5)	3(3)	0(1)	2(5)	3(5)	59.4(1)	2.9(5)	45.7(3)	10.1(3)	0.00(5)	226(5)	46
Year: 2017																
1.50	E	6/26/2017	1.0	8(5)	4(5)	4(5)	0(1)	3(5)	31.5(5)	40.8(3)	6.4(5)	23.9(5)	5.0(1)	0.0(5)	958(5)	50
DYSAR RUN (02-130)																
Year: 2017																
3.03	E	8/18/2017	1.0	7(5)	3(3)	2(3)	0(1)	1(3)	13.3(1)	45.5(3)	0.0(5)	32.2(3)	40.0(5)	0.0(5)	386(5)	42

Headwater Sites				Number of					Percent of Individuals						Rel Nol minus tolerants/ (0.3km)	IBI
River Mile	Type	Date	DA (sq mi)	Total Species	Minnow Species	Headwater Species	Sensitive Species	Darter Sculpin Species	Simple Lithophils	Tolerant Fishes	Omnivores	Pioneering	Insectivores	DELT Anomalies		
CLOVER GROFF RUN (02-204-001)																
Year: 2013																
7.00	E	7/16/2013	3.0	6(3)	1(1)	0(1)	1(1)	0(1)	0(1)	54.5(3)	31.9(1)	34.4(3)	63.2(5)	0.00(5)	262(3)	28
Year: 2017																
7.00	E	10/4/2017	3.0	6(3)	1(1)	0(1)	1(1)	0(1)	0(1)	7.9(5)	2.6(5)	7.0(5)	83.3(5)	1.75(3)	252(3)	34
LOSS CREEK (05-041-000)																
Year: 2016																
5.18	E	9/15/2016	2.0	10(5)	6(5)	2(3)	0(1)	2(3)	3(3)	83.0(1)	33.7(1)	74.8(1)	6.3(1)	0.00(5)	200(3)	32
0.96	E	9/8/2016	12.0	17(5)	5(3)	1(1)	2(1)	5(5)	5(3)	42.9(3)	21.8(3)	31.6(3)	46.1(5)	0.00(5)	644(3)	40
Year: 2011																
5.18	E	8/4/2011	2.0	14(5)	7(5)	2(3)	1(1)	2(3)	4(5)	60.7(1)	18.9(3)	51.8(3)	8.3(1)	0.00(5)	1268(5)	40
0.96	E	8/3/2011	12.0	22(5)	8(5)	2(3)	4(3)	6(5)	9(5)	47.5(3)	27.9(3)	29.8(5)	17.1(1)	0.00(5)	1244(5)	48
SOUTH FORK LOSS CREEK (05-041-001)																
Year: 2016																
0.04	E	9/15/2016	7.0	11(3)	5(3)	2(3)	1(1)	3(3)	3(3)	77.5(1)	19.6(3)	74.6(1)	8.9(1)	0.21(5)	218(3)	30
Year: 2011																
0.04	E	8/3/2011	7.0	16(5)	7(5)	2(3)	2(1)	4(5)	6(5)	54.2(3)	8.0(5)	48.1(3)	15.8(1)	0.00(5)	1150(5)	46
ALLEN RUN (05-043-000)																
Year: 2016																
1.18	E	9/8/2016	4.0	10(3)	6(5)	2(3)	0(1)	2(3)	2(1)	82.1(1)	17.5(3)	66.7(1)	4.4(1)	0.00(5)	90(1)	28
Year: 2011																
1.18	E	8/18/2011	4.0	18(5)	6(5)	2(3)	2(3)	4(5)	6(5)	41.3(3)	27.7(1)	22.3(5)	43.4(5)	0.00(5)	2054(5)	50
MCKINLEY CREEK (07-027)																
Year: 2017																
0.80	E	10/4/2017	0.0	3(3)	1(1)	0(1)	0(1)	0(1)	0.0(1)	90.5(1)	0.0(5)	90.5(1)	10.0(1)	0.0(5)	58(3)	22

Headwater Sites				Number of					Percent of Individuals					Rel Nol minus tolerants/ (0.3km)	IBI	
River Mile	Type	Date	DA (sq mi)	Total Species	Minnow Species	Headwater Species	Sensitive Species	Darter Sculpin Species	Simple Lithophils	Tolerant Fishes	Omni- vores	Pioneering	Insect- ivores	DELT Anomalies		
BRUSHY FORK (09-571)																
Year: 2017																
10.28	E	7/10/2017	1.0	7(1)	2(3)	1(1)	1(3)	0(1)	6.0(3)	83.6(1)	3.0(5)	79.1(1)	16.0(3)	0.0(5)	22(1)	32
WEST BRANCH RACCOON CREEK (09-575)																
Year: 2017																
5.68	E	7/13/2017	4.0	7(1)	2(1)	1(1)	1(1)	1(1)	16.2(1)	82.9(1)	2.3(5)	82.4(1)	3.0(1)	0.0(5)	74(1)	22
4.10	E	7/10/2017	7.0	8(3)	3(3)	1(1)	1(1)	1(1)	23.5(1)	69.1(1)	0.0(5)	72.5(1)	5.0(1)	0.0(5)	232(3)	26
TRIB. TO ROCKY R. (RM 6.51) (13-001)																
Year: 2016																
0.80	E	7/27/2016	3.0	3(3)	2(1)	0(1)	0(1)	0(1)	0.0(1)	84.6(1)	0.0(5)	84.6(1)	0.0(1)	0.0(5)	214(3)	22
TRIB TO E BR ROCKY (RM 24.72) (13-100)																
Year: 2016																
0.60	A	7/7/2016	0.0	3(5)	0(1)	0(1)	0(1)	0(1)	0.0(1)	0.0(5)	0.0(5)	0.0(5)	72.0(5)	0.0(5)	1140(5)	36
SOUTH FORK SUGAR CREEK (17-410)																
Year: 2016																
21.11	E	9/12/2016	7.0	10(1)	6(5)	1(1)	1(1)	0(1)	22.0(3)	96.4(1)	53.9(1)	75.6(1)	5.0(1)	0.0(5)	24(1)	24
18.40	E	9/12/2016	20.0	10(5)	1(1)	1(1)	0(1)	0(1)	2.9(1)	24.2(5)	9.3(5)	0.0(1)	76.0(5)	0.0(5)	2080(5)	38
TROYER VALLEY CREEK (17-416)																
Year: 2016																
1.08	E	9/12/2016	2.0	1(1)	1(1)	0(1)	0(1)	0(1)	0.0(1)	100.0(1)	0.0(1)	100.0(1)	0.0(1)	0.0(1)	0(1)	12

Headwater Sites			Number of						Percent of Individuals						Rel Nol minus tolerants/ (0.3km)	IBI
River Mile	Type	Date	DA (sq mi)	Total Species	Minnow Species	Headwater Species	Sensitive Species	Darter Sculpin Species	Simple Lithophils	Tolerant Fishes	Omnivores	Pioneering	Insectivores	DELT Anomalies		
KELSEY CREEK AT CUYAHOGA FALLS @ INTERSECTION KELSEY/RAINIER (19-001)																
Year: 2016																
0.90	E	6/23/2016	3.0	11(3)	3(3)	2(3)	1(1)	1(1)	58.1(3)	84.7(1)	23.8(1)	33.7(3)	16.0(3)	0.0(5)	130(3)	32
0.75	E	7/5/2016	3.0	10(3)	3(3)	2(3)	1(1)	1(1)	49.3(3)	89.6(1)	30.4(1)	42.5(3)	6.0(1)	0.0(5)	76(3)	28
0.60	E	7/5/2016	3.0	11(3)	4(3)	1(1)	1(1)	1(1)	46.2(3)	84.0(1)	29.7(1)	42.9(3)	8.0(1)	0.0(5)	114(3)	28
HAWTHORN CREEK (19-007)																
Year: 2014																
2.80	E	7/29/2014	5.0	6(1)	4(3)	1(1)	0(1)	0(1)	2(1)	83.7(1)	13.0(5)	33.0(3)	2.5(1)	0.00(5)	118(1)	24
Year: 2017																
2.80	E	10/4/2017	5.0	9(3)	5(3)	1(1)	0(1)	0(1)	59.4(1)	85.4(1)	7.7(5)	26.0(5)	1.0(1)	0.0(5)	292(3)	30
ECKERT DITCH (19-001)																
Year: 2017																
1.09	E	8/14/2017	8.0	6(1)	0(1)	0(1)	0(1)	0(1)	0.0(1)	6.7(5)	0.0(5)	0.0(5)	20.0(3)	0.0(5)	168(1)	30
TRIB. TO POND BROOK (3.90) (19-008)																
Year: 2016																
0.92	E	9/13/2016	1.0	9(5)	4(5)	0(1)	0(1)	0(1)	1.5(1)	84.0(1)	39.7(1)	74.6(1)	8.0(1)	0.0(5)	194(5)	28
0.50	E	9/13/2016	1.0	9(5)	3(3)	0(1)	0(1)	0(1)	2.3(1)	78.6(1)	31.8(1)	69.4(1)	11.0(1)	0.0(5)	358(5)	26
0.01	E	8/2/2016	2.0	6(3)	2(1)	0(1)	0(1)	1(3)	0.0(1)	68.5(1)	3.7(5)	83.3(1)	26.0(5)	0.0(5)	51(3)	30
Year: 2014																
0.50	E	7/9/2014	1.0	10(5)	4(5)	0(1)	0(1)	0(1)	1(1)	79.0(1)	29.4(1)	65.0(1)	23.5(5)	2.67(1)	346(5)	28
0.01	E	7/9/2014	2.0	10(5)	3(3)	0(1)	0(1)	1(3)	1(1)	93.5(1)	16.8(3)	82.7(1)	7.0(1)	0.00(5)	28(1)	26

Headwater Sites

Headwater Sites			Number of						Percent of Individuals						Rel Nol minus tolerants/ (0.3km)	IBI
			DA (sq mi)	Total Species	Minnow Species	Headwater Species	Sensitive Species	Darter Sculpin Species	Simple Lithophils	Tolerant Fishes	Omnivores	Pioneering	Insectivores	DELT Anomalies		
River Mile	Type	Date	DA (sq mi)	Total Species	Minnow Species	Headwater Species	Sensitive Species	Darter Sculpin Species	Simple Lithophils	Tolerant Fishes	Omnivores	Pioneering	Insectivores	DELT Anomalies	Rel Nol minus tolerants/ (0.3km)	IBI
POND BROOK (19-008)																
Year: 2017																
1.30	E	8/14/2017	16.0	13(3)	2(1)	0(1)	1(1)	1(1)	12.9(1)	61.8(1)	52.1(1)	45.1(3)	36.0(3)	0.0(5)	290(3)	24
Year: 2016																
3.70	E	8/2/2016	2.0	12(1)	3(3)	0(1)	1(1)	0(1)	22.9(1)	83.9(1)	55.9(1)	42.4(3)	39.0(5)	1.0(5)	38(1)	28
2.59	E	9/13/2016	10.0	13(1)	3(1)	0(1)	0(1)	1(1)	4.9(1)	80.6(1)	16.5(3)	18.5(5)	63.0(5)	0.0(5)	40(1)	28
2.39	E	9/13/2016	11.0	14(1)	3(1)	0(1)	1(1)	1(1)	2.4(1)	75.3(1)	12.9(5)	21.2(5)	66.0(5)	0.0(5)	42(1)	30
1.41	E	7/28/2016	16.0	13(3)	3(1)	0(1)	1(1)	1(1)	9.3(1)	68.9(1)	45.7(1)	40.6(3)	45.0(3)	0.0(5)	256(3)	24
Year: 2012																
3.70	E	9/17/2012	2.0	10(5)	0(1)	0(1)	1(1)	0(1)	1(1)	40.9(3)	8.8(5)	11.7(5)	86.0(5)	0.00(5)	303(5)	38
3.40	E	9/17/2012	5.0	10(3)	1(1)	0(1)	1(1)	0(1)	1(1)	61.0(1)	13.3(5)	18.4(5)	73.4(5)	0.46(5)	170(3)	32
2.39	E	9/17/2012	11.0	9(3)	3(1)	0(1)	0(1)	0(1)	1(1)	77.9(1)	64.4(1)	63.8(1)	32.9(3)	0.00(5)	66(1)	20
1.41	E	9/17/2012	16.0	9(3)	2(1)	0(1)	1(1)	0(1)	1(1)	76.8(1)	62.4(1)	67.7(1)	35.4(3)	0.00(5)	202(3)	22
EAST BRANCH EUCLID CREEK (19-041)																
Year: 2017																
5.20	E	10/4/2017	1.0	9(5)	5(5)	1(1)	0(1)	0(1)	21.8(3)	95.3(1)	30.7(1)	71.7(1)	2.0(1)	0.0(5)	156(5)	30
TRIB TO BLACK R. (6.55) (20-001)																
Year: 2016																
3.00	E	7/27/2016	0.0	0(1)	0(1)	0(1)	0(1)	0(1)	0.0(1)	0.0(1)	0.0(1)	0.0(1)	0.0(1)	0.0(1)	0(1)	12
EAST FORK MILL CREEK (23-006)																
Year: 2014																
1.85	E	7/17/2014	8.0	9(3)	2(1)	0(1)	1(1)	2(3)	2(1)	10.7(5)	2.1(5)	10.4(5)	87.5(5)	0.00(5)	1132(5)	40
1.15	E	7/17/2014	9.0	10(3)	2(1)	0(1)	1(1)	2(3)	2(1)	9.7(5)	0.2(5)	11.3(5)	37.1(3)	0.00(5)	1113(5)	38
Year: 2017																
1.85	E	6/29/2017	8.0	9(3)	2(1)	0(1)	0(1)	2(3)	18.9(1)	25.8(5)	3.6(5)	37.8(3)	75.0(5)	0.0(5)	494(3)	36
1.15	E	6/29/2017	9.0	10(1)	3(1)	0(1)	0(1)	1(1)	12.4(1)	52.8(3)	24.7(3)	38.2(3)	64.0(5)	3.0(1)	84(1)	24

Headwater Sites

Number of

Percent of Individuals

River Mile	Type	Date	DA (sq mi)	Total Species	Minnow Species	Headwater Species	Sensitive Species	Darter Sculpin Species	Simple Lithophils	Tolerant Fishes	Omni-vores	Pioneering	Insect-ivores	DELT Anomalies	Rel Nol minus tolerants/ (0.3km)	IBI
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TRIB TO CILLEY CR. (1.40) (23-001)

Year: 2016

0.80	E	9/14/2016	0.0	0(1)	0(1)	0(1)	0(1)	0(1)	0.0(1)	0.0(1)	0.0(1)	0.0(1)	0.0(1)	0.0(1)	0(1)	12
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Wading Sites			Number of						Percent of Individuals						Rel. No.		
River Mile	Type	Date	DA (sq mi)	Total Species	Sunfish Species	Sucker Species	Intolerant Species	Darter Species	Simple Lithophils	Tolerant Fishes	Omnivores	Top Carnivores	Insectivores	DELT Anomalies	tolerants/ (0.3km)	IBI	MIwb
OLENTANGY RIVER (02-400-000)																	
Year: 2005																	
28.15	D	7/8/2005	409.0	16(3)	5(5)	1(1)	0(1)	1(1)	0.8(1)	18.8(3)	49.2(1)	10.9(5)	27.3(3)	0.00(5)	125(1)	30	6.1
Year: 2016																	
28.10	D	8/18/2016	410.0	28(5)	5(5)	5(3)	5(3)	4(3)	31.3(3)	3.8(5)	2.6(5)	7.1(5)	50.2(3)	0.11(5)	1282(5)	50	10.3
26.00	D	8/11/2016	421.0	28(5)	5(5)	5(3)	4(3)	5(3)	28.4(3)	8.2(5)	10.7(5)	18.4(5)	53.4(3)	0.48(3)	854(5)	48	11.0
25.80	D	8/11/2016	421.0	22(3)	3(3)	4(3)	5(3)	5(3)	33.8(3)	3.3(5)	3.3(5)	10.7(5)	62.2(5)	0.00(5)	798(5)	48	9.6
22.50	D	8/11/2016	445.0	18(3)	3(3)	1(1)	4(3)	4(3)	21.9(3)	6.9(5)	5.7(5)	15.1(5)	55.5(5)	0.00(5)	664(3)	44	8.6
ROCKY RIVER (13-001-000)																	
Year: 2014																	
1.80	D	9/25/2014	292.0	19(3)	3(3)	3(3)	1(1)	2(1)	22.2(3)	10.0(5)	9.0(5)	29.3(5)	38.6(3)	0.00(5)	420(3)	40	8.4
1.80	D	8/26/2014	292.0	19(3)	3(3)	3(3)	2(1)	1(1)	9.9(1)	4.6(5)	5.3(5)	16.2(5)	63.7(5)	0.15(5)	927(5)	42	9.2
Year: 2017																	
1.80	D	10/5/2017	292.0	22(3)	3(3)	3(3)	4(3)	4(3)	18.0(3)	6.2(5)	5.8(5)	3.7(3)	55.8(5)	0.28(3)	1000(5)	44	8.5
CHAGRIN RIVER (15-001)																	
Year: 2016																	
19.70	D	8/9/2016	157.0	23(5)	4(5)	3(3)	5(3)	3(3)	82.7(5)	5.7(5)	5.1(5)	1.4(3)	88.0(5)	0.0(5)	1146(5)	52	9.3
Year: 2017																	
28.60	D	8/15/2017	60.0	21(5)	4(5)	3(3)	3(3)	4(3)	46.5(5)	10.0(5)	9.0(5)	5.0(5)	76.9(5)	0.00(5)	404(3)	52	9.1
18.06	D	8/15/2017	163.0	20(3)	3(3)	4(3)	4(3)	5(3)	32.4(3)	9.0(5)	2.7(5)	19.8(5)	77.0(5)	0.90(3)	303(3)	44	8.8

Wading Sites			Number of						Percent of Individuals						Rel. No. minus		
River Mile	Type	Date	DA (sq mi)	Total Species	Sunfish Species	Sucker Species	Intolerant Species	Darter Species	Simple Lithophils	Tolerant Fishes	Omnivores	Top Carnivores	Insectivores	DELT Anomalies	tolerants/ (0.3km)	IBI	MIwb
EAST BRANCH CHAGRIN RIVER (15-002-000)																	
Year: 2017																	
12.70	E	8/16/2017	20.0	14(3)	0(1)	2(3)	2(3)	3(3)	57.2(3)	24.7(5)	17.0(5)	0.0(1)	57.0(5)	0.00(5)	1604(5)	50	
MILL CREEK (23-001)																	
Year: 2016																	
7.85	D	9/14/2016	121.0	19(3)	4(5)	3(3)	0(1)	2(1)	54.5(5)	9.0(5)	7.7(5)	3.9(3)	87.0(5)	0.0(5)	213(3)	44	7.4
4.90	E	8/24/2016	139.0	16(3)	4(5)	1(1)	0(1)	2(1)	12.7(1)	32.5(3)	0.8(5)	8.2(5)	89.0(5)	1.0(3)	384(3)	36	8.2
4.25	D	8/24/2016	141.0	22(3)	4(5)	5(5)	0(1)	1(1)	18.9(3)	12.6(5)	20.5(3)	1.3(3)	50.0(3)	0.0(5)	378(3)	40	8.6

Boat Sites			Number of							Percent of Individuals							Rel. No. minus tolerants/ (1.0 km)	IBI	MIwb
River Mile	Type	Date	DA (sq mi)	Total Species	Sunfish Species	Sucker Species	Intolerant Species	Rnd Body Sucker	Simple Lithophils	Tolerant Fishes	Omni- vores	Top Carni- vores	Insect- ivores	DELTA Anomalies					
SCIOTO RIVER (02-001-000)																			
Year: 2009																			
131.40	A	8/13/2009	1614.0	22(5)	7(5)	4(3)	2(3)	4.4(1)	5.7(1)	37.8(1)	39.3(1)	3.1(1)	51.2(3)	0.00(5)	678(5)	34	8.4		
Year: 2016																			
131.40	A	9/6/2016	1614.0	25(5)	4(5)	8(5)	3(3)	17.7(1)	28.9(3)	9.8(5)	41.2(1)	13.2(5)	41.2(3)	0.00(5)	368(3)	44	10.2		
131.40	A	8/8/2016	1614.0	22(5)	5(5)	6(5)	2(3)	15.7(1)	27.0(3)	8.5(5)	32.3(1)	21.4(5)	44.0(3)	0.40(5)	454(5)	46	10.4		
OLENTANGY RIVER (02-400-000)																			
Year: 2005																			
26.00	A	7/27/2005	421.0	20(3)	7(5)	5(3)	1(1)	4.8(1)	5.1(1)	39.1(1)	13.5(5)	10.9(5)	74.4(5)	0.96(3)	633(5)	38	9.5		
25.80	A	7/27/2005	421.0	15(3)	6(5)	3(3)	0(1)	0.5(1)	0.5(1)	36.4(1)	20.0(3)	1.2(1)	75.9(5)	0.00(5)	880(5)	34	8.6		
GRAND RIVER (03-001-000)																			
Year: 2017																			
6.78	A	8/17/2017	687.0	35(5)	5(5)	9(5)	8(5)	33.5(3)	61.5(5)	2.5(5)	3.9(5)	10.2(5)	82.4(5)	0.00(5)	888(5)	58	11.0		

Appendix C
Fish Species and Abundance for Each Sampling Location

River Code: 01-046-000	Stream: BALDWIN RUN	Sample Date: 2014-06-24
River Mile: 0.7	Location: BALDWIN RUN AT LANCASTER, DST. EWING RUN/FETTER RUN	
Time Fished: 2100 sec	Drainage: 11.7 sq mi	Depth:
Dist Fished: 0.16 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	3	5.63	0.69	0.00	0.00	0.00
White Sucker		O	S	T	74	138.75	17.05	0.00	0.00	0.00
Blacknose Dace		G	S	T	123	230.63	28.34	0.00	0.00	0.00
Creek Chub		G	N	T	58	108.75	13.36	0.00	0.00	0.00
Striped Shiner		I	S	N	3	5.63	0.69	0.00	0.00	0.00
Silverjaw Minnow		I	M	N	28	52.50	6.45	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	25	46.88	5.76	0.00	0.00	0.00
Central Stoneroller		H	N	N	14	26.25	3.23	0.00	0.00	0.00
Rock Bass		C	C	N	2	3.75	0.46	0.00	0.00	0.00
Largemouth Bass		C	C	N	1	1.88	0.23	0.00	0.00	0.00
Green Sunfish		I	C	T	13	24.38	3.00	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	5	9.38	1.15	0.00	0.00	0.00
Hybrid x Sunfish				N	2	3.75	0.46	0.00	0.00	0.00
Johnny Darter		I	C	N	18	33.75	4.15	0.00	0.00	0.00
Banded Darter		I	S	I	3	5.63	0.69	0.00	0.00	0.00
Rainbow Darter		I	S	M	46	86.25	10.60	0.00	0.00	0.00
Fantail Darter		I	C	N	16	30.00	3.69	0.00	0.00	0.00
					Data Totals:	434	813.75	0.00		
					Number of Species:	17				
					Number of Hybrids:	1				

River Code: 01-046-000	Stream: BALDWIN RUN	Sample Date: 2016-08-29
River Mile: 0.7	Location: BALDWIN RUN AT LANCASTER, DST. EWING RUN/FETTER RUN	
Time Fished: 1743 sec	Drainage: 11.7 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	17	34.00	0.80	0.00	#Error	0.00
White Sucker		O	S	T	264	528.00	12.39	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	160	320.00	7.51	0.00	#Error	0.00
Creek Chub		G	N	T	683	1366.00	32.07	0.00	#Error	0.00
Striped Shiner		I	S	N	13	26.00	0.61	0.00	#Error	0.00
Spotfin Shiner		I	M	N	1	2.00	0.05	0.00	#Error	0.00
Silverjaw Minnow		I	M	N	38	76.00	1.78	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	113	226.00	5.31	0.00	#Error	0.00
Central Stoneroller		H	N	N	679	1358.00	31.88	0.00	#Error	0.00
Yellow Bullhead		I	C	T	2	4.00	0.09	0.00	#Error	0.00
Largemouth Bass		C	C	N	4	8.00	0.19	0.00	#Error	0.00
Green Sunfish		I	C	T	4	8.00	0.19	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	2	4.00	0.09	0.00	#Error	0.00
Johnny Darter		I	C	N	27	54.00	1.27	0.00	#Error	0.00
Greenside Darter		I	S	M	36	72.00	1.69	0.00	#Error	0.00
Banded Darter		I	S	I	13	26.00	0.61	0.00	#Error	0.00
Rainbow Darter		I	S	M	57	114.00	2.68	0.00	#Error	0.00
Fantail Darter		I	C	N	17	34.00	0.80	0.00	#Error	0.00
		Data Totals:			2130	4260.00		0.00		
		Number of Species:			18					
		Number of Hybrids:			0					

River Code: 01-046-000	Stream: BALDWIN RUN	Sample Date: 2014-06-24
River Mile: 0.2	Location: BALDWIN RUN AT LANCASTER @ LAWRENCE RD.	
Time Fished: 2400 sec	Drainage: 12.9 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	1	2.00	0.13	0.00	0.00	0.00
White Sucker		O	S	T	111	222.00	14.27	0.00	0.00	0.00
Blacknose Dace		G	S	T	444	888.00	57.07	0.00	0.00	0.00
Creek Chub		G	N	T	41	82.00	5.27	0.00	0.00	0.00
Striped Shiner		I	S	N	1	2.00	0.13	0.00	0.00	0.00
Silverjaw Minnow		I	M	N	1	2.00	0.13	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	7	14.00	0.90	0.00	0.00	0.00
Central Stoneroller		H	N	N	64	128.00	8.23	0.00	0.00	0.00
Green Sunfish		I	C	T	5	10.00	0.64	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.13	0.00	0.00	0.00
Johnny Darter		I	C	N	17	34.00	2.19	0.00	0.00	0.00
Greenside Darter		I	S	M	2	4.00	0.26	0.00	0.00	0.00
Banded Darter		I	S	I	6	12.00	0.77	0.00	0.00	0.00
Rainbow Darter		I	S	M	71	142.00	9.13	0.00	0.00	0.00
Fantail Darter		I	C	N	6	12.00	0.77	0.00	0.00	0.00
		Data Totals:			778	1556.00		0.00		
		Number of Species:			15					
		Number of Hybrids:			0					

River Code: 01-046-000	Stream: BALDWIN RUN	Sample Date: 2016-08-29
River Mile: 0.2	Location: BALDWIN RUN AT LANCASTER @ LAWRENCE RD.	
Time Fished: 1865 sec	Drainage: 12.9 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	4	8.00	0.33	0.00	#Error	0.00
White Sucker		O	S	T	248	496.00	20.46	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	297	594.00	24.50	0.00	#Error	0.00
Creek Chub		G	N	T	166	332.00	13.70	0.00	#Error	0.00
Striped Shiner		I	S	N	1	2.00	0.08	0.00	#Error	0.00
Silverjaw Minnow		I	M	N	10	20.00	0.83	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	21	42.00	1.73	0.00	#Error	0.00
Central Stoneroller		H	N	N	254	508.00	20.96	0.00	#Error	0.00
Largemouth Bass		C	C	N	1	2.00	0.08	0.00	#Error	0.00
Johnny Darter		I	C	N	70	140.00	5.78	0.00	#Error	0.00
Greenside Darter		I	S	M	62	124.00	5.12	0.00	#Error	0.00
Banded Darter		I	S	I	7	14.00	0.58	0.00	#Error	0.00
Rainbow Darter		I	S	M	60	120.00	4.95	0.00	#Error	0.00
Fantail Darter		I	C	N	11	22.00	0.91	0.00	#Error	0.00
		Data Totals:			1212	2424.00		0.00		
		Number of Species:			14					
		Number of Hybrids:			0					

River Code: 01-046-001	Stream: EWING RUN	Sample Date: 2014-06-24
River Mile: 0.2	Location: EWING RUN AT LANCASTER @ PLEASANTVILLE RD.	
Time Fished: 2220 sec	Drainage: 5.2 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	2	4.00	0.27	0.00	0.00	0.00
Blacknose Dace		G	S	T	312	624.00	41.66	0.00	0.00	0.00
Creek Chub		G	N	T	113	226.00	15.09	0.00	0.00	0.00
South. Redbelly Dace		H	S	N	1	2.00	0.13	0.00	0.00	0.00
Central Stoneroller		H	N	N	54	108.00	7.21	0.00	0.00	0.00
Green Sunfish		I	C	T	1	2.00	0.13	0.00	0.00	0.00
Johnny Darter		I	C	N	52	104.00	6.94	0.00	0.00	0.00
Greenside Darter		I	S	M	1	2.00	0.13	0.00	0.00	0.00
Banded Darter		I	S	I	1	2.00	0.13	0.00	0.00	0.00
Rainbow Darter		I	S	M	176	352.00	23.50	0.00	0.00	0.00
Fantail Darter		I	C	N	36	72.00	4.81	0.00	0.00	0.00
		Data Totals:			749	1498.00		0.00		
		Number of Species:			11					
		Number of Hybrids:			0					

River Code: 01-046-001	Stream: EWING RUN	Sample Date: 2016-08-29
River Mile: 0.2	Location: EWING RUN AT LANCASTER @ PLEASANTVILLE RD.	
Time Fished: 1800 sec	Drainage: 5.2 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	1	2.00	0.08	0.00	#Error	0.00
White Sucker		O	S	T	114	228.00	9.07	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	259	518.00	20.60	0.00	#Error	0.00
Creek Chub		G	N	T	256	512.00	20.37	0.00	#Error	0.00
South. Redbelly Dace		H	S	N	56	112.00	4.46	0.00	#Error	0.00
Striped Shiner		I	S	N	2	4.00	0.16	0.00	#Error	0.00
Silverjaw Minnow		I	M	N	17	34.00	1.35	0.00	#Error	0.00
Fathead Minnow		O	C	T	2	4.00	0.16	0.00	#Error	0.00
Central Stoneroller		H	N	N	440	880.00	35.00	0.00	#Error	0.00
Largemouth Bass		C	C	N	2	4.00	0.16	0.00	#Error	0.00
Green Sunfish		I	C	T	2	4.00	0.16	0.00	#Error	0.00
Johnny Darter		I	C	N	26	52.00	2.07	0.00	#Error	0.00
Greenside Darter		I	S	M	32	64.00	2.55	0.00	#Error	0.00
Banded Darter		I	S	I	1	2.00	0.08	0.00	#Error	0.00
Rainbow Darter		I	S	M	35	70.00	2.78	0.00	#Error	0.00
Fantail Darter		I	C	N	12	24.00	0.95	0.00	#Error	0.00
					Data Totals:	1257	2514.00	0.00		
					Number of Species:	16				
					Number of Hybrids:	0				

River Code: 01-047-000	Stream: FETTERS RUN	Sample Date: 2014-06-24
River Mile: 1.2	Location: FETTERS RUN AT LANCASTER @ LANCASTER HIGH SCHOOL	
Time Fished: 1320 sec	Drainage: 6.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	17	34.00	2.25	0.00	0.00	0.00
Blacknose Dace		G	S	T	219	438.00	28.93	0.00	0.00	0.00
Creek Chub		G	N	T	79	158.00	10.44	0.00	0.00	0.00
South. Redbelly Dace		H	S	N	3	6.00	0.40	0.00	0.00	0.00
Striped Shiner		I	S	N	4	8.00	0.53	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	38	76.00	5.02	0.00	0.00	0.00
Central Stoneroller		H	N	N	78	156.00	10.30	0.00	0.00	0.00
Rock Bass		C	C	N	2	4.00	0.26	0.00	0.00	0.00
Largemouth Bass		C	C	N	2	4.00	0.26	0.00	0.00	0.00
Green Sunfish		I	C	T	8	16.00	1.06	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.13	0.00	0.00	0.00
Green SF x Bluegill SF				N	5	10.00	0.66	0.00	0.00	0.00
Johnny Darter		I	C	N	30	60.00	3.96	0.00	0.00	0.00
Greenside Darter		I	S	M	1	2.00	0.13	0.00	0.00	0.00
Banded Darter		I	S	I	6	12.00	0.79	0.00	0.00	0.00
Rainbow Darter		I	S	M	175	350.00	23.12	0.00	0.00	0.00
Fantail Darter		I	C	N	89	178.00	11.76	0.00	0.00	0.00
		Data Totals:			757	1514.00		0.00		
		Number of Species:			17					
		Number of Hybrids:			1					

River Code: 01-047-000	Stream: FETTERS RUN	Sample Date: 2016-08-29
River Mile: 1.2	Location: FETTERS RUN AT LANCASTER @ LANCASTER HIGH SCHOOL	
Time Fished: 1800 sec	Drainage: 6.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	3	6.00	0.49	0.00	#Error	0.00
White Sucker		O	S	T	80	160.00	13.03	0.00	#Error	0.00
Common Carp		O	M	T	1	2.00	0.16	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	54	108.00	8.79	0.00	#Error	0.00
Creek Chub		G	N	T	256	512.00	41.69	0.00	#Error	0.00
Striped Shiner		I	S	N	25	50.00	4.07	0.00	#Error	0.00
Silverjaw Minnow		I	M	N	9	18.00	1.47	0.00	#Error	0.00
Fathead Minnow		O	C	T	1	2.00	0.16	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	7	14.00	1.14	0.00	#Error	0.00
Central Stoneroller		H	N	N	85	170.00	13.84	0.00	#Error	0.00
Largemouth Bass		C	C	N	15	30.00	2.44	0.00	#Error	0.00
Green Sunfish		I	C	T	11	22.00	1.79	0.00	#Error	0.00
Johnny Darter		I	C	N	36	72.00	5.86	0.00	#Error	0.00
Greenside Darter		I	S	M	16	32.00	2.61	0.00	#Error	0.00
Banded Darter		I	S	I	1	2.00	0.16	0.00	#Error	0.00
Rainbow Darter		I	S	M	8	16.00	1.30	0.00	#Error	0.00
Fantail Darter		I	C	N	6	12.00	0.98	0.00	#Error	0.00
		Data Totals:			614	1228.00		0.00		
		Number of Species:			17					
		Number of Hybrids:			0					

River Code: 02-001-000	Stream: SCIOTO RIVER	Sample Date: 2009-08-13
River Mile: 131.4	Location: SCIOTO R. AT COLUMBUS @ TOWN ST. (IMPOUNDED)	
Time Fished: 1852 sec	Drainage: 1614.0 sq mi	Depth:
Dist Fished: 0.5 km	Basin: Scioto River	Flow: L
		Data Source:
		Sampler Type: A

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	57	114.00	10.46	2.68	2.03	23.51
Quillback		O	M	N	1	2.00	0.18	2.05	1.56	1025.00
Black Redhorse		I	S	I	2	4.00	0.37	1.80	1.37	451.00
Golden Redhorse		I	S	M	11	22.00	2.02	9.37	7.11	425.91
River Redhorse		I	S	I	11	22.00	2.02	7.19	5.46	327.00
Common Carp		O	M	T	15	30.00	2.75	81.92	62.17	2730.77
Golden Shiner		I	M	T	23	46.00	4.22	0.60	0.46	13.04
Striped Shiner		I	S	N	1	2.00	0.18	0.01	0.00	3.00
Spotfin Shiner		I	M	N	2	4.00	0.37	0.02	0.02	5.00
Bluntnose Minnow		O	C	T	141	282.00	25.87	0.75	0.57	2.66
Central Stoneroller		H	N	N	1	2.00	0.18	0.01	0.01	4.00
Brook Silverside		I	M	M	7	14.00	1.28	0.02	0.02	1.43
White Crappie		I	C	N	1	2.00	0.18	0.22	0.17	112.00
Black Crappie		I	C	N	1	2.00	0.18	0.34	0.26	172.00
Smallmouth Bass		C	C	M	5	10.00	0.92	2.77	2.11	277.40
Largemouth Bass		C	C	N	8	16.00	1.47	7.82	5.93	488.75
Green Sunfish		I	C	T	27	54.00	4.95	1.15	0.87	21.26
Bluegill Sunfish		I	C	P	49	98.00	8.99	0.78	0.59	7.94
Orangespotted Sunfish		I	C	N	45	90.00	8.26	0.35	0.27	3.91
Longear Sunfish		I	C	M	88	176.00	16.15	1.12	0.85	6.38
Pumpkinseed Sunfish		I	C	P	5	10.00	0.92	0.44	0.34	44.40
Hybrid x Sunfish				N	34	68.00	6.24	2.75	2.08	40.38
Logperch		I	S	M	5	10.00	0.92	0.10	0.07	9.80
Greenside Darter		I	S	M	1	2.00	0.18	0.00	0.00	2.00
Sauger x Walleye		P		N	4	8.00	0.73	7.50	5.69	937.50
Data Totals:					545	1090.00		131.78		
Number of Species:					25					
Number of Hybrids:					2					

River Code: 02-001-000	Stream: SCIOTO RIVER	Sample Date: 2016-09-06
River Mile: 131.4	Location: SCIOTO R. UPST. W. RICH ST. (FREE-FLOWING)	
Time Fished: 2700 sec	Drainage: 1614.0 sq mi	Depth:
Dist Fished: 0.5 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: A

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	59	118.00	28.92	7.20	5.65	61.02
Smallmouth Buffalo		I	M	N	3	6.00	1.47	5.74	4.50	956.67
Quillback		O	M	N	7	14.00	3.43	15.62	12.25	1115.71
Black Redhorse		I	S	I	1	2.00	0.49	1.40	1.10	700.00
Golden Redhorse		I	S	M	5	10.00	2.45	2.25	1.76	225.00
Golden Redhorse		I	S	M	18	36.00	8.82	24.20	18.98	672.22
River Redhorse		I	S	I	1	2.00	0.49	4.00	3.14	2000.00
Northern Hog Sucker		I	S	M	9	18.00	4.41	1.32	1.04	73.33
Spotted Sucker		I	S	N	2	4.00	0.98	2.20	1.73	550.00
Common Carp		O	M	T	6	12.00	2.94	32.00	25.10	2666.67
Suckermouth Minnow		I	S	N	1	2.00	0.49	0.01	0.01	5.00
Silver Shiner		I	S	I	1	2.00	0.49	0.02	0.02	12.00
Spotfin Shiner		I	M	N	8	16.00	3.92	0.08	0.06	5.00
Sand Shiner		I	M	M	5	10.00	2.45	0.02	0.01	1.67
Bluntnose Minnow		O	C	T	12	24.00	5.88	0.10	0.08	4.17
Central Stoneroller		H	N	N	2	4.00	0.98	0.01	0.01	3.00
Channel Catfish			C	N	4	8.00	1.96	10.60	8.31	1325.00
Flathead Catfish		P	C	N	2	4.00	0.98	6.00	4.71	1500.00
Striped Bass x White Bass				N	1	2.00	0.49	0.05	0.04	25.00
Smallmouth Bass		C	C	M	22	44.00	10.78	6.80	5.33	154.55
Largemouth Bass		C	C	N	2	4.00	0.98	3.40	2.67	850.00
Green Sunfish		I	C	T	2	4.00	0.98	0.04	0.03	10.00
Bluegill Sunfish		I	C	P	3	6.00	1.47	0.22	0.17	36.67
Orangespotted Sunfish		I	C	N	1	2.00	0.49	0.05	0.04	23.00
Longear Sunfish		I	C	M	2	4.00	0.98	0.10	0.08	25.00
Redear Sunfish		I	C	N	1	2.00	0.49	0.20	0.16	100.00
Hybrid x Sunfish				N	2	4.00	0.98	0.20	0.16	50.00
Logperch		I	S	M	16	32.00	7.84	0.25	0.20	7.81
Rainbow Darter		I	S	M	5	10.00	2.45	0.02	0.02	2.00
Sauger x Walleye		P		N	1	2.00	0.49	3.40	2.67	1700.00
Data Totals:					204	408.00		127.50		
Number of Species:					30					
Number of Hybrids:					3					

River Code: 02-001-000	Stream: SCIOTO RIVER	Sample Date: 2016-08-08
River Mile: 131.4	Location: SCIOTO R. UPST. W. RICH ST. (FREE-FLOWING)	
Time Fished: 2642 sec	Drainage: 1614.0 sq mi	Depth:
Dist Fished: 0.5 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: A

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	51	102.00	20.56	10.00	5.97	98.04
Quillback		O	M	N	10	20.00	4.03	2.80	1.67	140.00
Silver Redhorse		I	S	M	3	6.00	1.21	10.00	5.97	1666.67
Golden Redhorse		I	S	M	14	28.00	5.65	20.14	12.03	719.23
River Redhorse		I	S	I	2	4.00	0.81	12.00	7.17	3000.00
Northern Hog Sucker		I	S	M	17	34.00	6.85	4.40	2.63	129.41
Spotted Sucker		I	S	N	3	6.00	1.21	6.00	3.58	1000.00
Common Carp		O	M	T	9	18.00	3.63	42.40	25.33	2355.56
Silver Shiner		I	S	I	7	14.00	2.82	0.05	0.03	3.57
Spotfin Shiner		I	M	N	13	26.00	5.24	0.16	0.10	6.15
Sand Shiner		I	M	M	9	18.00	3.63	0.04	0.02	2.22
Bluntnose Minnow		O	C	T	2	4.00	0.81	0.01	0.01	3.00
Bluntnose Minnow		O	C	T	8	16.00	3.23	0.05	0.03	3.13
Channel Catfish			C	N	6	12.00	2.42	25.24	15.08	2103.33
Flathead Catfish		P	C	N	3	6.00	1.21	11.46	6.85	1910.00
Black Crappie		I	C	N	2	4.00	0.81	0.75	0.45	187.50
Rock Bass		C	C	N	1	2.00	0.40	0.05	0.03	25.00
Smallmouth Bass		C	C	M	46	92.00	18.55	12.20	7.29	132.61
Largemouth Bass		C	C	N	2	4.00	0.81	6.23	3.72	1557.50
Green Sunfish		I	C	T	2	4.00	0.81	0.05	0.03	12.50
Bluegill Sunfish		I	C	P	14	28.00	5.65	0.85	0.51	30.36
Longear Sunfish		I	C	M	2	4.00	0.81	0.10	0.06	25.00
Logperch		I	S	M	21	42.00	8.47	0.42	0.25	10.00
Sauger x Walleye		P		N	1	2.00	0.40	2.00	1.19	1000.00
Data Totals:					248	496.00		167.40		
Number of Species:					24					
Number of Hybrids:					1					

River Code: 02-204-001	Stream: CLOVER GROFF RUN	Sample Date: 2013-07-16
River Mile: 7.0	Location: CLOVER GROFF RUN AT HILLIARD, DST. SCIOTO-DARBY CREEK RD.	
Time Fished: 3445 sec	Drainage: 3.2 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Common Carp		O	M	T	41	82.00	14.24	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	51	102.00	17.71	0.00	0.00	0.00
Yellow Bullhead		I	C	T	17	34.00	5.90	0.00	0.00	0.00
Brook Silverside		I	M	M	34	68.00	11.81	0.00	0.00	0.00
Largemouth Bass		C	C	N	2	4.00	0.69	0.00	0.00	0.00
Green Sunfish		I	C	T	48	96.00	16.67	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	83	166.00	28.82	0.00	0.00	0.00
Green SF x Bluegill SF				N	12	24.00	4.17	0.00	0.00	0.00
		Data Totals:			288	576.00		0.00		
		Number of Species:			8					
		Number of Hybrids:			1					

River Code: 02-204-001	Stream: CLOVER GROFF RUN	Sample Date: 2017-10-04
River Mile: 7.0	Location: CLOVER GROFF RUN AT HILLIARD, DST. SCIOTO-DARBY CREEK RD.	
Time Fished: 1800 sec	Drainage: 3.2 sq mi	Depth:
Dist Fished: 0.12 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Redfin Pickerel		P	M	P	1	2.40	0.88	0.00	0.00	0.00
Common Carp		O	M	T	1	2.40	0.88	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	2	4.80	1.75	0.00	0.00	0.00
Brook Silverside		I	M	M	1	2.40	0.88	0.00	0.00	0.00
Largemouth Bass		C	C	N	7	16.80	6.14	0.00	0.00	0.00
Green Sunfish		I	C	T	6	14.40	5.26	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	88	211.20	77.19	0.00	0.00	0.00
Hybrid x Sunfish				N	8	19.20	7.02	0.00	0.00	0.00
		Data Totals:			114	273.60		0.00		
		Number of Species:			8					
		Number of Hybrids:			1					

River Code: 02-400-000	Stream: OLENTANGY RIVER	Sample Date: 2005-07-08
River Mile: 28.2	Location: OLENTANGY R. @ PANHANDLE RD. (IMPOUNDMENT)	
Time Fished: 2260 sec	Drainage: 409.0 sq mi	Depth:
Dist Fished: 0.25 km	Basin: Scioto River	Flow: L
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	47	56.40	36.72	0.05	0.67	0.96
White Sucker		O	S	T	1	1.20	0.78	0.00	0.01	1.00
Common Carp		O	M	T	3	3.60	2.34	3.90	48.74	1083.33
Spotfin Shiner		I	M	N	8	9.60	6.25	0.04	0.52	4.38
Bluntnose Minnow		O	C	T	12	14.40	9.38	0.02	0.30	1.67
Channel Catfish			C	N	1	1.20	0.78	1.14	14.25	950.00
Yellow Bullhead		I	C	T	2	2.40	1.56	0.38	4.72	157.50
Brown Bullhead		I	C	T	1	1.20	0.78	0.05	0.67	45.00
White Bass		P	M	N	1	1.20	0.78	0.05	0.67	45.00
White Crappie		I	C	N	6	7.20	4.69	0.15	1.91	21.25
Rock Bass		C	C	N	1	1.20	0.78	0.23	2.85	190.00
Smallmouth Bass		C	C	M	11	13.20	8.59	0.59	7.32	44.38
Largemouth Bass		C	C	N	1	1.20	0.78	0.00	0.03	2.00
Green Sunfish		I	C	T	5	6.00	3.91	0.87	10.87	145.00
Orangespotted Sunfish		I	C	N	10	12.00	7.81	0.01	0.07	0.50
Longear Sunfish		I	C	M	2	2.40	1.56	0.07	0.90	30.00
Green SF x Longear SF				N	1	1.20	0.78	0.11	1.42	95.00
Longear SF x Orangespotted SF				N	6	7.20	4.69	0.05	0.67	7.50
Hybrid x Sunfish				N	8	9.60	6.25	0.26	3.22	26.88
Fantail Darter		I	C	N	1	1.20	0.78	0.01	0.15	10.00
Data Totals:					128	153.60		8.00		
Number of Species:					20					
Number of Hybrids:					3					

River Code: 02-400-000	Stream: OLENTANGY RIVER	Sample Date: 2016-08-18
River Mile: 28.1	Location: OLENTANGY R. @ PANHANDLE RD. (FREE-FLOWING)	
Time Fished: 3490 sec	Drainage: 410.0 sq mi	Depth: Data Source:
Dist Fished: 0.2 km	Basin: Scioto River	Flow: N
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	1	1.50	0.11	0.05	0.07	30.00
Quillback		O	M	N	5	7.50	0.56	5.40	7.82	720.00
Silver Redhorse		I	S	M	5	7.50	0.56	6.90	9.99	920.00
Black Redhorse		I	S	I	20	30.00	2.25	13.74	19.89	457.89
Golden Redhorse		I	S	M	2	3.00	0.22	2.55	3.69	850.00
Northern Hog Sucker		I	S	M	48	72.00	5.40	10.72	15.52	148.91
Common Carp		O	M	T	7	10.50	0.79	11.55	16.72	1100.00
Creek Chub		G	N	T	1	1.50	0.11	0.01	0.01	5.00
Silver Shiner		I	S	I	36	54.00	4.05	0.23	0.34	4.34
Spotfin Shiner		I	M	N	70	105.00	7.87	0.45	0.65	4.29
Sand Shiner		I	M	M	25	37.50	2.81	0.06	0.09	1.60
Bluntnose Minnow		O	C	T	10	15.00	1.12	0.03	0.04	2.00
Central Stoneroller		H	N	N	341	511.50	38.36	3.80	5.49	7.42
Channel Catfish			C	N	15	22.50	1.69	5.36	7.76	238.33
Stonecat Madtom		I	C	I	14	21.00	1.57	0.10	0.14	4.62
Brindled Madtom		I	C	I	1	1.50	0.11	0.02	0.02	10.00
Brook Silverside		I	M	M	2	3.00	0.22	0.01	0.01	2.50
White Bass		P	M	N	1	1.50	0.11	0.11	0.15	70.00
Black Crappie		I	C	N	7	10.50	0.79	0.23	0.33	21.43
Rock Bass		C	C	N	1	1.50	0.11	0.26	0.38	175.00
Smallmouth Bass		C	C	M	59	88.50	6.64	4.42	6.39	49.92
Largemouth Bass		C	C	N	2	3.00	0.22	0.11	0.16	36.00
Green Sunfish		I	C	T	16	24.00	1.80	0.53	0.77	22.19
Bluegill Sunfish		I	C	P	28	42.00	3.15	1.02	1.48	24.29
Longear Sunfish		I	C	M	5	7.50	0.56	0.35	0.51	47.00
Logperch		I	S	M	27	40.50	3.04	0.68	0.99	16.85
Greenside Darter		I	S	M	22	33.00	2.47	0.09	0.14	2.86
Banded Darter		I	S	I	114	171.00	12.82	0.30	0.44	1.76
Rainbow Darter		I	S	M	4	6.00	0.45	0.02	0.02	2.50
Data Totals:					889	1333.50		69.08		
Number of Species:					29					
Number of Hybrids:					0					

River Code: 02-400-000	Stream: OLENTANGY RIVER	Sample Date: 2005-07-27
River Mile: 26.0	Location: OLENTANGY R. AT DELAWARE @ CENTRAL AVE. (IMPOUNDMENT)	
Time Fished: 2766 sec	Drainage: 421.0 sq mi	Depth:
Dist Fished: 0.3 km	Basin: Scioto River	Flow: L
		Data Source:
		Sampler Type: A

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	4	13.33	1.28	1.33	0.69	100.00
Quillback		O	M	N	4	13.33	1.28	8.53	4.44	640.00
Silver Redhorse		I	S	M	3	10.00	0.96	15.33	7.98	1533.33
Black Redhorse		I	S	I	1	3.33	0.32	1.27	0.66	380.00
Golden Redhorse		I	S	M	11	36.67	3.53	31.50	16.39	859.00
White Sucker		O	S	T	1	3.33	0.32	1.73	0.90	520.00
Common Carp		O	M	T	25	83.33	8.01	91.27	47.50	1095.20
Golden Shiner		I	M	T	1	3.33	0.32	0.10	0.05	30.00
Spotfin Shiner		I	M	N	9	30.00	2.88	0.19	0.10	6.25
Bluntnose Minnow		O	C	T	8	26.67	2.56	0.05	0.03	1.88
Yellow Bullhead		I	C	T	2	6.67	0.64	1.87	0.97	280.00
Brook Silverside		I	M	M	1	3.33	0.32	0.00	0.00	1.00
White Crappie		I	C	N	4	13.33	1.28	1.12	0.58	83.75
Rock Bass		C	C	N	15	50.00	4.81	5.38	2.80	107.67
Smallmouth Bass		C	C	M	18	60.00	5.77	8.28	4.31	138.06
Largemouth Bass		C	C	N	1	3.33	0.32	1.00	0.52	300.00
Green Sunfish		I	C	T	85	283.33	27.24	10.63	5.53	37.50
Bluegill Sunfish		I	C	P	20	66.67	6.41	1.65	0.86	24.75
Orangespotted Sunfish		I	C	N	1	3.33	0.32	0.02	0.01	5.00
Longear Sunfish		I	C	M	22	73.33	7.05	1.50	0.78	20.48
Pumpkinseed Sunfish		I	C	P	72	240.00	23.08	9.03	4.70	37.64
Pumpkinseed SF x Longear SF				N	1	3.33	0.32	0.08	0.04	25.00
Hybrid x Sunfish				N	3	10.00	0.96	0.27	0.14	26.67
Data Totals:					312	1040.00		192.13		
Number of Species:					23					
Number of Hybrids:					2					

River Code: 02-400-000	Stream: OLENTANGY RIVER	Sample Date: 2016-08-11
River Mile: 26.0	Location: OLENTANGY R. AT DELAWARE @ CENTRAL AVE. (FREE-FLOWING)	
Time Fished: 3398 sec	Drainage: 421.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	15	22.50	2.42	1.35	0.96	60.00
Redfin Pickerel		P	M	P	1	1.50	0.16	0.19	0.13	125.00
Quillback		O	M	N	5	7.50	0.81	6.75	4.80	900.00
Silver Redhorse		I	S	M	6	9.00	0.97	15.60	11.09	1733.33
Black Redhorse		I	S	I	23	34.50	3.71	18.30	13.01	530.43
Golden Redhorse		I	S	M	2	3.00	0.32	2.85	2.03	950.00
Northern Hog Sucker		I	S	M	66	99.00	10.65	10.65	7.57	107.58
Common Carp		O	M	T	11	16.50	1.77	23.33	16.59	1413.64
Silver Shiner		I	S	I	18	27.00	2.90	0.15	0.11	5.63
Spotfin Shiner		I	M	N	47	70.50	7.58	0.30	0.22	4.32
Sand Shiner		I	M	M	48	72.00	7.74	0.08	0.06	1.15
Bluntnose Minnow		O	C	T	35	52.50	5.65	0.17	0.12	3.14
Central Stoneroller		H	N	N	85	127.50	13.71	1.14	0.81	8.93
Channel Catfish			C	N	17	25.50	2.74	19.88	14.13	779.41
Yellow Bullhead		I	C	T	1	1.50	0.16	0.19	0.13	125.00
Flathead Catfish		P	C	N	1	1.50	0.16	8.25	5.87	5500.00
Stonecat Madtom		I	C	I	2	3.00	0.32	0.02	0.01	6.00
White Bass		P	M	N	3	4.50	0.48	0.64	0.45	141.67
Black Crappie		I	C	N	3	4.50	0.48	0.14	0.10	30.00
Rock Bass		C	C	N	23	34.50	3.71	4.20	2.99	121.74
Smallmouth Bass		C	C	M	86	129.00	13.87	22.54	16.03	174.71
Green Sunfish		I	C	T	4	6.00	0.65	0.26	0.18	42.50
Bluegill Sunfish		I	C	P	39	58.50	6.29	1.84	1.31	31.39
Longear Sunfish		I	C	M	3	4.50	0.48	0.15	0.11	33.33
Hybrid x Sunfish				N	7	10.50	1.13	0.92	0.65	87.50
Logperch		I	S	M	17	25.50	2.74	0.53	0.37	20.59
Greenside Darter		I	S	M	10	15.00	1.61	0.09	0.06	6.00
Banded Darter		I	S	I	27	40.50	4.35	0.07	0.05	1.67
Rainbow Darter		I	S	M	7	10.50	1.13	0.05	0.03	4.29
Fantail Darter		I	C	N	8	12.00	1.29	0.03	0.02	2.50
Data Totals:					620	930.00		140.61		
Number of Species:					30					
Number of Hybrids:					1					

River Code: 02-400-000	Stream: OLENTANGY RIVER	Sample Date: 2005-07-27
River Mile: 25.8	Location: OLENTANGY R. AT DELAWARE @ WILLIAMS ST. (IMPOUNDMENT)	
Time Fished: 3498 sec	Drainage: 421.1 sq mi	Depth:
Dist Fished: 0.3 km	Basin: Scioto River	Flow: L
		Data Source:
		Sampler Type: A

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	42	140.00	10.12	2.43	2.05	17.38
Quillback		O	M	N	3	10.00	0.72	7.10	5.97	710.00
River Carpsucker		O	M	N	1	3.33	0.24	2.63	2.21	790.00
Silver Redhorse		I	S	M	2	6.67	0.48	10.70	9.00	1605.00
Common Carp		O	M	T	13	43.33	3.13	72.70	61.13	1677.78
Spotfin Shiner		I	M	N	4	13.33	0.96	0.07	0.06	5.00
Bluntnose Minnow		O	C	T	24	80.00	5.78	0.15	0.12	1.82
White Bass		P	M	N	2	6.67	0.48	0.60	0.50	90.00
White Crappie		I	C	N	3	10.00	0.72	0.13	0.11	12.50
Smallmouth Bass		C	C	M	2	6.67	0.48	3.67	3.08	550.00
Green Sunfish		I	C	T	114	380.00	27.47	6.22	5.23	16.37
Bluegill Sunfish		I	C	P	33	110.00	7.95	1.30	1.09	11.82
Orangespotted Sunfish		I	C	N	54	180.00	13.01	0.88	0.74	4.91
Longear Sunfish		I	C	M	33	110.00	7.95	1.37	1.15	12.42
Pumpkinseed Sunfish		I	C	P	71	236.67	17.11	6.81	5.72	28.77
Longear SF x Orangespotted SF				N	1	3.33	0.24	0.03	0.03	10.00
Hybrid x Sunfish				N	11	36.67	2.65	0.35	0.29	9.50
Johnny Darter		I	C	N	1	3.33	0.24	0.00	0.00	1.00
Sauger x Walleye		P		N	1	3.33	0.24	1.80	1.51	540.00
		Data Totals:			415	1383.33		118.94		
		Number of Species:			19					
		Number of Hybrids:			3					

River Code: 02-400-000	Stream: OLENTANGY RIVER	Sample Date: 2016-08-11
River Mile: 25.8	Location: OLENTANGY R. AT DELAWARE @ WILLIAMS ST. (FREE-FLOWING)	
Time Fished: 3067 sec	Drainage: 421.1 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Quillback		O	M	N	2	3.00	0.36	1.50	3.66	500.00
Silver Redhorse		I	S	M	6	9.00	1.09	11.43	27.87	1270.00
Black Redhorse		I	S	I	2	3.00	0.36	2.25	5.49	750.00
Northern Hog Sucker		I	S	M	71	106.50	12.91	10.16	24.78	95.42
Silver Shiner		I	S	I	10	15.00	1.82	0.09	0.22	6.00
Rosyface Shiner		I	S	I	21	31.50	3.82	0.14	0.33	4.29
Sand Shiner		I	M	M	122	183.00	22.18	0.21	0.51	1.15
Bluntnose Minnow		O	C	T	16	24.00	2.91	0.08	0.18	3.13
Central Stoneroller		H	N	N	127	190.50	23.09	2.23	5.43	11.69
Channel Catfish			C	N	3	4.50	0.55	3.23	7.86	716.67
Stonecat Madtom		I	C	I	6	9.00	1.09	0.08	0.18	8.33
White Bass		P	M	N	1	1.50	0.18	0.23	0.55	150.00
Rock Bass		C	C	N	7	10.50	1.27	1.50	3.66	142.86
Smallmouth Bass		C	C	M	50	75.00	9.09	6.68	16.29	89.06
Largemouth Bass		C	C	N	1	1.50	0.18	0.05	0.11	30.00
Green Sunfish		I	C	T	2	3.00	0.36	0.11	0.27	37.50
Bluegill Sunfish		I	C	P	7	10.50	1.27	0.20	0.49	19.29
Hybrid x Sunfish				N	1	1.50	0.18	0.11	0.27	75.00
Logperch		I	S	M	22	33.00	4.00	0.49	1.19	14.77
Greenside Darter		I	S	M	13	19.50	2.36	0.11	0.26	5.38
Banded Darter		I	S	I	37	55.50	6.73	0.09	0.22	1.62
Rainbow Darter		I	S	M	4	6.00	0.73	0.04	0.09	6.25
Fantail Darter		I	C	N	19	28.50	3.45	0.03	0.07	1.05
Data Totals:					550	825.00		41.01		
Number of Species:					23					
Number of Hybrids:					1					

River Code: 02-400-000	Stream: OLENTANGY RIVER	Sample Date: 2016-08-11
River Mile: 22.5	Location: OLENTANGY R. AT POLLACK RD. & BRAUMILLER RD. (FREE-FLOWING)	
Time Fished: 3300 sec	Drainage: 445.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	3	4.50	0.63	0.26	2.07	58.33
Silver Shiner		I	S	I	4	6.00	0.84	0.05	0.41	8.75
Rosyface Shiner		I	S	I	2	3.00	0.42	0.02	0.12	5.00
Spotfin Shiner		I	M	N	99	148.50	20.80	0.91	7.16	6.12
Sand Shiner		I	M	M	14	21.00	2.94	0.05	0.35	2.14
Bluntnose Minnow		O	C	T	27	40.50	5.67	0.12	0.94	2.96
Central Stoneroller		H	N	N	112	168.00	23.53	3.75	29.51	22.32
Yellow Bullhead		I	C	T	3	4.50	0.63	0.47	3.66	103.33
Stonecat Madtom		I	C	I	14	21.00	2.94	0.23	1.77	10.71
Rock Bass		C	C	N	7	10.50	1.47	0.54	4.25	51.43
Smallmouth Bass		C	C	M	64	96.00	13.45	4.65	36.56	48.39
Largemouth Bass		C	C	N	1	1.50	0.21	0.02	0.12	10.00
Green Sunfish		I	C	T	3	4.50	0.63	0.32	2.48	70.00
Bluegill Sunfish		I	C	P	12	18.00	2.52	0.41	3.22	22.73
Hybrid x Sunfish				N	1	1.50	0.21	0.09	0.71	60.00
Greenside Darter		I	S	M	59	88.50	12.39	0.71	5.61	8.05
Banded Darter		I	S	I	29	43.50	6.09	0.06	0.47	1.38
Rainbow Darter		I	S	M	7	10.50	1.47	0.03	0.24	2.86
Fantail Darter		I	C	N	15	22.50	3.15	0.05	0.35	2.00
		Data Totals:			476	714.00		12.71		
		Number of Species:			19					
		Number of Hybrids:			1					

River Code: 05-041-000	Stream: LOSS CREEK	Sample Date: 2011-08-04
River Mile: 5.2	Location: LOSS CREEK UPST. WEST LIBERTY @ ST. RT. 96	
Time Fished: 1842 sec	Drainage: 2.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Sandusky River	Flow: L
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	137	274.00	8.49	2.01	16.76	7.35
Blacknose Dace		G	S	T	111	222.00	6.88	0.30	2.50	1.35
Creek Chub		G	N	T	556	1112.00	34.47	4.02	33.45	3.61
Common Shiner		I	S	N	1	2.00	0.06	0.03	0.27	16.00
Silverjaw Minnow		I	M	N	11	22.00	0.68	0.05	0.40	2.18
Fathead Minnow		O	C	T	40	80.00	2.48	0.10	0.86	1.29
Bluntnose Minnow		O	C	T	127	254.00	7.87	0.52	4.36	2.06
Central Stoneroller		H	N	N	507	1014.00	31.43	4.35	36.17	4.29
Yellow Bullhead		I	C	T	2	4.00	0.12	0.11	0.90	27.00
Green Sunfish		I	C	T	6	12.00	0.37	0.12	0.97	9.67
Bluegill Sunfish		I	C	P	4	8.00	0.25	0.06	0.53	8.00
Hybrid x Sunfish				N	1	2.00	0.06	0.06	0.53	32.00
Johnny Darter		I	C	N	96	192.00	5.95	0.20	1.65	1.03
Rainbow Darter		I	S	M	8	16.00	0.50	0.04	0.36	2.71
Brook Stickleback		I	C	N	6	12.00	0.37	0.04	0.30	3.00
		Data Totals:			1613	3226.00		12.02		
		Number of Species:			15					
		Number of Hybrids:			1					

River Code: 05-041-000	Stream: LOSS CREEK	Sample Date: 2016-09-15
River Mile: 5.2	Location: LOSS CREEK UPST. WEST LIBERTY @ ST. RT. 96	
Time Fished: 1800 sec	Drainage: 2.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Sandusky River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	61	122.00	10.37	0.00	0.00	0.00
Blacknose Dace		G	S	T	17	34.00	2.89	0.00	0.00	0.00
Creek Chub		G	N	T	270	540.00	45.92	0.00	0.00	0.00
Common Shiner		I	S	N	3	6.00	0.51	0.00	0.00	0.00
Fathead Minnow		O	C	T	87	174.00	14.80	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	50	100.00	8.50	0.00	0.00	0.00
Central Stoneroller		H	N	N	66	132.00	11.22	0.00	0.00	0.00
Green Sunfish		I	C	T	3	6.00	0.51	0.00	0.00	0.00
Johnny Darter		I	C	N	30	60.00	5.10	0.00	0.00	0.00
Fantail Darter		I	C	N	1	2.00	0.17	0.00	0.00	0.00
		Data Totals:			588	1176.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 05-041-000	Stream: LOSS CREEK	Sample Date: 2011-08-03
River Mile: 1.0	Location: LOSS CREEK NW OF LEESVILLE @ BIDDLE RD.	
Time Fished: 1980 sec	Drainage: 11.7 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Sandusky River	Flow: L
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	1	2.00	0.08	0.16	0.89	82.00
White Sucker		O	S	T	239	478.00	20.17	4.07	22.07	8.52
Blacknose Dace		G	S	T	5	10.00	0.42	0.02	0.11	2.00
Creek Chub		G	N	T	190	380.00	16.03	5.70	30.89	15.00
Redfin Shiner		I	N	N	8	16.00	0.68	0.03	0.15	1.75
Striped Shiner		I	S	N	5	10.00	0.42	0.11	0.57	10.60
Common Shiner		I	S	N	15	30.00	1.27	0.32	1.71	10.53
Spotfin Shiner		I	M	N	10	20.00	0.84	0.05	0.27	2.50
Bluntnose Minnow		O	C	T	91	182.00	7.68	0.30	1.64	1.66
Central Stoneroller		H	N	N	450	900.00	37.97	5.07	27.47	5.63
Striped Shiner x Common Shiner		I	S	N	23	46.00	1.94	0.48	2.62	10.52
Yellow Bullhead		I	C	T	2	4.00	0.17	0.21	1.12	51.50
Brown Bullhead		I	C	T	7	14.00	0.59	0.51	2.75	36.29
Rock Bass		C	C	N	2	4.00	0.17	0.08	0.46	21.00
Largemouth Bass		C	C	N	4	8.00	0.34	0.22	1.19	27.50
Green Sunfish		I	C	T	29	58.00	2.45	0.58	3.14	10.00
Bluegill Sunfish		I	C	P	17	34.00	1.43	0.17	0.92	5.00
Hybrid x Sunfish				N	1	2.00	0.08	0.04	0.24	22.00
Blackside Darter		I	S	N	8	16.00	0.68	0.06	0.34	3.88
Logperch		I	S	M	1	2.00	0.08	0.02	0.11	10.00
Johnny Darter		I	C	N	43	86.00	3.63	0.07	0.36	0.76
Greenside Darter		I	S	M	4	8.00	0.34	0.06	0.35	8.00
Rainbow Darter		I	S	M	17	34.00	1.43	0.07	0.40	2.18
Fantail Darter		I	C	N	13	26.00	1.10	0.04	0.23	1.64
Data Totals:					1185	2370.00		18.45		
Number of Species:					24					
Number of Hybrids:					2					

River Code: 05-041-000	Stream: LOSS CREEK	Sample Date: 2016-09-08
River Mile: 1.0	Location: LOSS CREEK NW OF LEESVILLE @ BIDDLE RD.	
Time Fished: 1991 sec	Drainage: 11.7 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Sandusky River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	79	158.00	14.01	0.00	0.00	0.00
Creek Chub		G	N	T	105	210.00	18.62	0.00	0.00	0.00
Common Shiner		I	S	N	165	330.00	29.26	0.00	0.00	0.00
Silverjaw Minnow		I	M	N	2	4.00	0.35	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	44	88.00	7.80	0.00	0.00	0.00
Central Stoneroller		H	N	N	72	144.00	12.77	0.00	0.00	0.00
Yellow Bullhead		I	C	T	10	20.00	1.77	0.00	0.00	0.00
Blackstripe Topminnow		I	M	N	1	2.00	0.18	0.00	0.00	0.00
Rock Bass		C	C	N	2	4.00	0.35	0.00	0.00	0.00
Largemouth Bass		C	C	N	1	2.00	0.18	0.00	0.00	0.00
Green Sunfish		I	C	T	4	8.00	0.71	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	25	50.00	4.43	0.00	0.00	0.00
Hybrid x Sunfish				N	1	2.00	0.18	0.00	0.00	0.00
Blackside Darter		I	S	N	4	8.00	0.71	0.00	0.00	0.00
Johnny Darter		I	C	N	23	46.00	4.08	0.00	0.00	0.00
Greenside Darter		I	S	M	1	2.00	0.18	0.00	0.00	0.00
Rainbow Darter		I	S	M	13	26.00	2.30	0.00	0.00	0.00
Fantail Darter		I	C	N	12	24.00	2.13	0.00	0.00	0.00
		Data Totals:			564	1128.00		0.00		
		Number of Species:			18					
		Number of Hybrids:			1					

River Code: 05-041-001	Stream: SOUTH FORK LOSS CREEK	Sample Date: 2011-08-03
River Mile: 0.0	Location: S.FK. LOSS CREEK (TRIB. @ RM 2.98) AT MOUTH @ LOSS CREEK RD.	
Time Fished: 1767 sec	Drainage: 6.8 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Sandusky River	Flow: L
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	1	2.00	0.08	0.02	0.19	10.00
White Sucker		O	S	T	40	80.00	3.18	0.95	9.21	11.85
Blacknose Dace		G	S	T	117	234.00	9.32	0.48	4.69	2.06
Creek Chub		G	N	T	457	914.00	36.39	5.49	53.34	6.01
Common Shiner		I	S	N	3	6.00	0.24	0.08	0.82	14.00
Spotfin Shiner		I	M	N	7	14.00	0.56	0.05	0.50	3.67
Silverjaw Minnow		I	M	N	16	32.00	1.27	0.10	0.99	3.20
Bluntnose Minnow		O	C	T	61	122.00	4.86	0.23	2.23	1.89
Central Stoneroller		H	N	N	379	758.00	30.18	2.21	21.43	2.91
Striped Shiner x Common Shiner		I	S	N	2	4.00	0.16	0.04	0.39	10.00
Largemouth Bass		C	C	N	3	6.00	0.24	0.05	0.47	8.00
Green Sunfish		I	C	T	6	12.00	0.48	0.11	1.11	9.50
Bluegill Sunfish		I	C	P	2	4.00	0.16	0.02	0.16	4.00
Blackside Darter		I	S	N	2	4.00	0.16	0.01	0.08	2.00
Johnny Darter		I	C	N	64	128.00	5.10	0.13	1.26	1.02
Rainbow Darter		I	S	M	53	106.00	4.22	0.19	1.88	1.83
Fantail Darter		I	C	N	43	86.00	3.42	0.13	1.26	1.51
		Data Totals:			1256	2512.00			10.29	
		Number of Species:			17					
		Number of Hybrids:			1					

River Code: 05-041-001	Stream: SOUTH FORK LOSS CREEK	Sample Date: 2016-09-15
River Mile: 0.0	Location: S.FK. LOSS CREEK (TRIB. @ RM 2.98) AT MOUTH @ LOSS CREEK RD.	
Time Fished: 2351 sec	Drainage: 6.8 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Sandusky River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	26	52.00	5.37	0.00	0.00	0.00
Blacknose Dace		G	S	T	13	26.00	2.69	0.00	0.00	0.00
Creek Chub		G	N	T	265	530.00	54.75	0.00	0.00	0.00
Silverjaw Minnow		I	M	N	2	4.00	0.41	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	69	138.00	14.26	0.00	0.00	0.00
Central Stoneroller		H	N	N	68	136.00	14.05	0.00	0.00	0.00
Green Sunfish		I	C	T	2	4.00	0.41	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.21	0.00	0.00	0.00
Johnny Darter		I	C	N	23	46.00	4.75	0.00	0.00	0.00
Rainbow Darter		I	S	M	7	14.00	1.45	0.00	0.00	0.00
Fantail Darter		I	C	N	8	16.00	1.65	0.00	0.00	0.00
		Data Totals:			484	968.00		0.00		
		Number of Species:			11					
		Number of Hybrids:			0					

River Code: 05-043-000	Stream: ALLEN RUN	Sample Date: 2012-08-29
River Mile: 1.2	Location: ALLEN RUN SE OF LEESVILLE @ CRESTLINE RD.	
Time Fished: 1398 sec	Drainage: 4.1 sq mi	Depth:
Dist Fished: 0.16 km	Basin: Sandusky River	Flow: L
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	8	15.00	1.24	0.83	9.62	55.13
Blacknose Dace		G	S	T	45	84.38	6.98	0.27	3.12	3.18
Creek Chub		G	N	T	470	881.25	72.87	5.09	59.28	5.78
Common Shiner		I	S	N	16	30.00	2.48	0.28	3.27	9.38
Spotfin Shiner		I	M	N	9	16.88	1.40	0.11	1.26	6.44
Fathead Minnow		O	C	T	4	7.50	0.62	0.02	0.26	3.00
Bluntnose Minnow		O	C	T	42	78.75	6.51	0.26	3.05	3.33
Central Stoneroller		H	N	N	28	52.50	4.34	0.76	8.87	14.52
Green Sunfish		I	C	T	18	33.75	2.79	0.64	7.44	18.94
Bluegill Sunfish		I	C	P	5	9.38	0.78	0.33	3.82	35.00
		Data Totals:			645	1209.38		8.59		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 05-043-000	Stream: ALLEN RUN	Sample Date: 2016-09-08
River Mile: 1.2	Location: ALLEN RUN SE OF LEESVILLE @ CRESTLINE RD.	
Time Fished: 1626 sec	Drainage: 4.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Sandusky River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	36	72.00	14.29	0.00	0.00	0.00
Blacknose Dace		G	S	T	7	14.00	2.78	0.00	0.00	0.00
Creek Chub		G	N	T	156	312.00	61.90	0.00	0.00	0.00
Redfin Shiner		I	N	N	1	2.00	0.40	0.00	0.00	0.00
Spotfin Shiner		I	M	N	4	8.00	1.59	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	8	16.00	3.17	0.00	0.00	0.00
Central Stoneroller		H	N	N	34	68.00	13.49	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.40	0.00	0.00	0.00
Johnny Darter		I	C	N	4	8.00	1.59	0.00	0.00	0.00
Fantail Darter		I	C	N	1	2.00	0.40	0.00	0.00	0.00
		Data Totals:			252	504.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 13-001-000	Stream: ROCKY RIVER	Sample Date: 2014-09-25
River Mile: 1.8	Location: ROCKY R. UPST. LAKEWOOD WWTP	
Time Fished: 3270 sec	Drainage: 292.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Rocky River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	3	4.50	0.96	0.05	0.28	10.00
Shorthead Redhorse		I	S	M	1	1.50	0.32	0.25	1.59	169.00
Northern Hog Sucker		I	S	M	21	31.50	6.75	3.75	23.46	119.05
White Sucker		O	S	T	23	34.50	7.40	2.36	14.78	68.48
Common Carp		O	M	T	1	1.50	0.32	0.25	1.58	168.00
Emerald Shiner		I	M	N	49	73.50	15.76	0.23	1.41	3.06
Striped Shiner		I	S	N	4	6.00	1.29	0.02	0.10	2.75
Spotfin Shiner		I	M	N	8	12.00	2.57	0.04	0.24	3.17
Sand Shiner		I	M	M	1	1.50	0.32	0.00	0.01	1.00
Bluntnose Minnow		O	C	T	1	1.50	0.32	0.02	0.09	10.00
Central Stoneroller		H	N	N	5	7.50	1.61	0.15	0.96	20.40
Yellow Bullhead		I	C	T	3	4.50	0.96	0.38	2.38	84.67
Stonecat Madtom		I	C	I	9	13.50	2.89	0.13	0.83	9.78
White Perch			M	N	1	1.50	0.32	0.02	0.11	12.00
Rock Bass		C	C	N	23	34.50	7.40	3.15	19.71	91.30
Smallmouth Bass		C	C	M	68	102.00	21.86	3.77	23.57	36.94
Green Sunfish		I	C	T	3	4.50	0.96	0.02	0.14	5.00
Bluegill Sunfish		I	C	P	1	1.50	0.32	0.04	0.23	24.00
Green SF x Hybrid				N	1	1.50	0.32	0.06	0.39	42.00
Yellow Perch			M	N	1	1.50	0.32	0.02	0.09	10.00
Greenside Darter		I	S	M	19	28.50	6.11	0.17	1.04	5.84
Rainbow Darter		I	S	M	1	1.50	0.32	0.00	0.02	2.00
Round Goby				N	64	96.00	20.58	1.12	6.98	11.63
Data Totals:					311	466.50		15.98		
Number of Species:					23					
Number of Hybrids:					1					

River Code: 13-001-000	Stream: ROCKY RIVER	Sample Date: 2014-08-26
River Mile: 1.8	Location: ROCKY R. UPST. LAKEWOOD WWTP	
Time Fished: 3034 sec	Drainage: 292.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Rocky River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	19	28.50	2.93	0.38	1.95	13.19
Shorthead Redhorse		I	S	M	1	1.50	0.15	0.16	0.85	109.00
Northern Hog Sucker		I	S	M	17	25.50	2.62	5.10	26.50	200.00
White Sucker		O	S	T	15	22.50	2.31	1.51	7.86	67.27
Emerald Shiner		I	M	N	191	286.50	29.48	0.83	4.31	2.90
Striped Shiner		I	S	N	16	24.00	2.47	0.10	0.51	4.06
Common Shiner		I	S	N	1	1.50	0.15	0.00	0.01	1.00
Spotfin Shiner		I	M	N	15	22.50	2.31	0.14	0.72	6.14
Sand Shiner		I	M	M	30	45.00	4.63	0.10	0.50	2.13
Mimic Shiner		I	M	I	88	132.00	13.58	0.28	1.45	2.11
Central Stoneroller		H	N	N	11	16.50	1.70	0.18	0.95	11.09
Yellow Bullhead		I	C	T	7	10.50	1.08	0.98	5.07	93.00
Stonecat Madtom		I	C	I	12	18.00	1.85	0.51	2.63	28.10
Rock Bass		C	C	N	19	28.50	2.93	2.47	12.85	86.76
Smallmouth Bass		C	C	M	78	117.00	12.04	4.77	24.77	40.74
Largemouth Bass		C	C	N	8	12.00	1.23	0.10	0.52	8.38
Green Sunfish		I	C	T	8	12.00	1.23	0.05	0.27	4.38
Bluegill Sunfish		I	C	P	13	19.50	2.01	0.23	1.17	11.54
Green SF x Hybrid				N	1	1.50	0.15	0.06	0.29	37.00
Greenside Darter		I	S	M	14	21.00	2.16	0.08	0.41	3.75
Round Goby				N	84	126.00	12.96	1.23	6.41	9.80
		Data Totals:			648	972.00		19.25		
		Number of Species:			21					
		Number of Hybrids:			1					

River Code: 13-001-000	Stream: ROCKY RIVER	Sample Date: 2017-10-05
River Mile: 1.8	Location: ROCKY R. UPST. LAKEWOOD WWTP	
Time Fished: 1800 sec	Drainage: 292.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Rocky River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Black Redhorse		I	S	I	1	1.50	0.14	1.19	11.80	794.00
Northern Hog Sucker		I	S	M	4	6.00	0.56	0.81	8.03	135.00
White Sucker		O	S	T	2	3.00	0.28	0.42	4.16	140.00
Goldfish		O	M	T	2	3.00	0.28	1.09	10.82	364.00
Creek Chub		G	N	T	2	3.00	0.28	0.02	0.15	5.00
Rosyface Shiner		I	S	I	4	6.00	0.56	0.01	0.12	2.00
Striped Shiner		I	S	N	50	75.00	7.03	0.22	2.18	2.94
Common Shiner		I	S	N	21	31.50	2.95	0.08	0.83	2.67
Spotfin Shiner		I	M	N	22	33.00	3.09	0.08	0.75	2.30
Sand Shiner		I	M	M	232	348.00	32.63	0.48	4.71	1.37
Mimic Shiner		I	M	I	1	1.50	0.14	0.00	0.01	1.00
Bluntnose Minnow		O	C	T	36	54.00	5.06	0.11	1.13	2.12
Central Stoneroller		H	N	N	7	10.50	0.98	0.08	0.83	8.00
Common Carp x Goldfish		O	M	T	1	1.50	0.14	2.40	23.78	1600.00
Channel Catfish			C	N	1	1.50	0.14	0.01	0.12	8.00
Stonecat Madtom		I	C	I	7	10.50	0.98	0.36	3.54	34.00
Rock Bass		C	C	N	18	27.00	2.53	1.00	9.90	37.00
Smallmouth Bass		C	C	M	8	12.00	1.13	0.46	4.55	38.25
Green Sunfish		I	C	T	1	1.50	0.14	0.01	0.09	6.00
Bluegill Sunfish		I	C	P	6	9.00	0.84	0.10	0.95	10.67
Hybrid x Sunfish				N	1	1.50	0.14	0.01	0.09	6.00
Loggerhead		I	S	M	4	6.00	0.56	0.07	0.67	11.33
Johnny Darter		I	C	N	2	3.00	0.28	0.01	0.06	2.00
Greenside Darter		I	S	M	41	61.50	5.77	0.20	2.02	3.32
Rainbow Darter		I	S	M	1	1.50	0.14	0.00	0.03	2.00
Round Goby				N	236	354.00	33.19	0.87	8.67	2.47
Data Totals:					711	1066.50		10.09		
Number of Species:					26					
Number of Hybrids:					2					

River Code: 19-001-035	Stream: KELSEY CREEK AT CUYAHOGA FALLS @ INTERSECTION KELSEY/RAINIER	Sample Date: 2016-06-23
River Mile: 0.9	Location: KELSEY CREEK @ NORTHMORELAND BLVD.	
Time Fished: 1743 sec	Drainage: 2.5 sq mi	Depth: Data Source:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	18	36.00	4.24	0.00	#Error	0.00
White Sucker		O	S	T	101	202.00	23.76	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	128	256.00	30.12	0.00	#Error	0.00
Creek Chub		G	N	T	107	214.00	25.18	0.00	#Error	0.00
Central Stoneroller		H	N	N	19	38.00	4.47	0.00	#Error	0.00
Yellow Bullhead		I	C	T	4	8.00	0.94	0.00	#Error	0.00
Largemouth Bass		C	C	N	3	6.00	0.71	0.00	#Error	0.00
Green Sunfish		I	C	T	20	40.00	4.71	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	3	6.00	0.71	0.00	#Error	0.00
Johnny Darter		I	C	N	16	32.00	3.76	0.00	#Error	0.00
Brook Stickleback		I	C	N	6	12.00	1.41	0.00	#Error	0.00
		Data Totals:			425	850.00		0.00		
		Number of Species:			11					
		Number of Hybrids:			0					

River Code: 19-001-035	Stream: KELSEY CREEK AT CUYAHOGA FALLS @ INTERSECTION KELSEY/RAINIER	Sample Date: 2016-07-05
River Mile: 0.8	Location: KELSEY CREEK AT CUYAHOGA FALLS @ INTERSECTION KELSEY/RAINIER	
Time Fished: 1800 sec	Drainage: 2.6 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	111	222.00	30.41	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	69	138.00	18.90	0.00	#Error	0.00
Creek Chub		G	N	T	141	282.00	38.63	0.00	#Error	0.00
Central Stoneroller		H	N	N	17	34.00	4.66	0.00	#Error	0.00
Yellow Bullhead		I	C	T	6	12.00	1.64	0.00	#Error	0.00
Smallmouth Bass		C	C	M	1	2.00	0.27	0.00	#Error	0.00
Largemouth Bass		C	C	N	1	2.00	0.27	0.00	#Error	0.00
Hybrid x Sunfish				N	2	4.00	0.55	0.00	#Error	0.00
Johnny Darter		I	C	N	14	28.00	3.84	0.00	#Error	0.00
Brook Stickleback		I	C	N	3	6.00	0.82	0.00	#Error	0.00
		Data Totals:			365	730.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			1					

River Code: 19-001-035	Stream: KELSEY CREEK AT CUYAHOGA FALLS @ INTERSECTION KELSEY/RAINIER	Sample Date: 2016-07-05
River Mile: 0.6	Location: KELSEY CREEK AT CUYAHOGA FALLS @ FOOTBRIDGE IN KENNEDY PARK	
Time Fished: 1573 sec	Drainage: 3.0 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	4	8.00	1.12	0.00	#Error	0.00
White Sucker		O	S	T	102	204.00	28.57	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	59	118.00	16.53	0.00	#Error	0.00
Creek Chub		G	N	T	130	260.00	36.41	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	4	8.00	1.12	0.00	#Error	0.00
Central Stoneroller		H	N	N	31	62.00	8.68	0.00	#Error	0.00
Yellow Bullhead		I	C	T	4	8.00	1.12	0.00	#Error	0.00
Largemouth Bass		C	C	N	2	4.00	0.56	0.00	#Error	0.00
Green Sunfish		I	C	T	1	2.00	0.28	0.00	#Error	0.00
Hybrid x Sunfish				N	2	4.00	0.56	0.00	#Error	0.00
Johnny Darter		I	C	N	18	36.00	5.04	0.00	#Error	0.00
		Data Totals:			357	714.00		0.00		
		Number of Species:			11					
		Number of Hybrids:			1					

River Code: 19-007-008	Stream: HAWTHORN CREEK	Sample Date: 2014-07-29
River Mile: 2.8	Location: HAWTHORNE CREEK AT BEDFORD HEIGHTS, UPST. AURORA RD.	
Time Fished: 1844 sec	Drainage: 5.3 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	35	70.00	9.70	0.00	0.00	0.00
Blacknose Dace		G	S	T	148	296.00	41.00	0.00	0.00	0.00
Creek Chub		G	N	T	98	196.00	27.15	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	12	24.00	3.32	0.00	0.00	0.00
Central Stoneroller		H	N	N	59	118.00	16.34	0.00	0.00	0.00
Green Sunfish		I	C	T	9	18.00	2.49	0.00	0.00	0.00
		Data Totals:			361	722.00		0.00		
		Number of Species:			6					
		Number of Hybrids:			0					

River Code: 19-007-008	Stream: HAWTHORN CREEK	Sample Date: 2017-10-04
River Mile: 2.8	Location: HAWTHORNE CREEK AT BEDFORD HEIGHTS, UPST. AURORA RD.	
Time Fished: 1800 sec	Drainage: 5.3 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	42	84.00	4.21	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	551	1102.00	55.21	0.00	#Error	0.00
Creek Chub		G	N	T	219	438.00	21.94	0.00	#Error	0.00
Fathead Minnow		O	C	T	32	64.00	3.21	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	3	6.00	0.30	0.00	#Error	0.00
Central Stoneroller		H	N	N	144	288.00	14.43	0.00	#Error	0.00
Green Sunfish		I	C	T	5	10.00	0.50	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.10	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	1	2.00	0.10	0.00	#Error	0.00
		Data Totals:			998	1996.00		0.00		
		Number of Species:			9					
		Number of Hybrids:			0					

River Code: 19-008-004	Stream: TRIB. TO POND BROOK (3.90)	Sample Date: 2016-09-13
River Mile: 0.9	Location: TRIB. TO POND BROOK (3.90) AT REMINDERVILLE @ LIBERTY RD.	
Time Fished: 1800 sec	Drainage: 1.2 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	9	18.00	1.49	0.00	#Error	0.00
Golden Shiner		I	M	T	22	44.00	3.64	0.00	#Error	0.00
Creek Chub		G	N	T	220	440.00	36.36	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	231	462.00	38.18	0.00	#Error	0.00
Central Stoneroller		H	N	N	93	186.00	15.37	0.00	#Error	0.00
Yellow Bullhead		I	C	T	26	52.00	4.30	0.00	#Error	0.00
Largemouth Bass		C	C	N	1	2.00	0.17	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.17	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	2	4.00	0.33	0.00	#Error	0.00
		Data Totals:			605	1210.00		0.00		
		Number of Species:			9					
		Number of Hybrids:			0					

River Code: 19-008-004	Stream: TRIB. TO POND BROOK (3.90)	Sample Date: 2014-07-09
River Mile: 0.5	Location: TRIB. TO POND BROOK (3.90) AT REMINDERVILLE @ GLENWAY DRIVE	
Time Fished: 1239 sec	Drainage: 1.3 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	83	166.00	10.09	0.00	0.00	0.00
Golden Shiner		I	M	T	1	2.00	0.12	0.00	0.00	0.00
Creek Chub		G	N	T	372	744.00	45.20	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	159	318.00	19.32	0.00	0.00	0.00
Central Stoneroller		H	N	N	13	26.00	1.58	0.00	0.00	0.00
Yellow Bullhead		I	C	T	31	62.00	3.77	0.00	0.00	0.00
Largemouth Bass		C	C	N	3	6.00	0.36	0.00	0.00	0.00
Green Sunfish		I	C	T	4	8.00	0.49	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	67	134.00	8.14	0.00	0.00	0.00
Pumpkinseed Sunfish		I	C	P	90	180.00	10.94	0.00	0.00	0.00
		Data Totals:			823	1646.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 19-008-004	Stream: TRIB. TO POND BROOK (3.90)	Sample Date: 2016-09-13
River Mile: 0.5	Location: TRIB. TO POND BROOK (3.90) AT REMINDERVILLE @ GLENWAY DRIVE	
Time Fished: 1800 sec	Drainage: 1.3 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	19	38.00	2.27	0.00	#Error	0.00
Creek Chub		G	N	T	323	646.00	38.59	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	247	494.00	29.51	0.00	#Error	0.00
Central Stoneroller		H	N	N	158	316.00	18.88	0.00	#Error	0.00
Yellow Bullhead		I	C	T	58	116.00	6.93	0.00	#Error	0.00
Largemouth Bass		C	C	N	2	4.00	0.24	0.00	#Error	0.00
Green Sunfish		I	C	T	11	22.00	1.31	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	14	28.00	1.67	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	5	10.00	0.60	0.00	#Error	0.00
Data Totals:					837	1674.00		0.00		
Number of Species:					9					
Number of Hybrids:					0					

River Code: 19-008-004	Stream: TRIB. TO POND BROOK (3.90)	Sample Date: 2014-07-09
River Mile: 0.0	Location: TRIB TO POND BROOK (3.90) AT REMINDERVILLE @ OUTRIGGERS COVE	
Time Fished: 1170 sec	Drainage: 1.6 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	13	26.00	6.07	0.00	0.00	0.00
Creek Chub		G	N	T	152	304.00	71.03	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	23	46.00	10.75	0.00	0.00	0.00
Central Stoneroller		H	N	N	8	16.00	3.74	0.00	0.00	0.00
Yellow Bullhead		I	C	T	11	22.00	5.14	0.00	0.00	0.00
Largemouth Bass		C	C	N	3	6.00	1.40	0.00	0.00	0.00
Green Sunfish		I	C	T	1	2.00	0.47	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.47	0.00	0.00	0.00
Pumpkinseed Sunfish		I	C	P	1	2.00	0.47	0.00	0.00	0.00
Johnny Darter		I	C	N	1	2.00	0.47	0.00	0.00	0.00
		Data Totals:			214	428.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 19-008-004	Stream: TRIB. TO POND BROOK (3.90)	Sample Date: 2016-08-02
River Mile: 0.0	Location: TRIB TO POND BROOK (3.90) AT REMINDERVILLE @ OUTRIGGERS COVE	
Time Fished: 907 sec	Drainage: 1.6 sq mi Depth:	Data Source:
Dist Fished: 0.1 km	Basin: Cuyahoga Flow: N	Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Common Carp		O	M	T	2	6.00	3.70	0.00	0.00	0.00
Creek Chub		G	N	T	33	99.00	61.11	0.00	0.00	0.00
Central Stoneroller		H	N	N	2	6.00	3.70	0.00	0.00	0.00
Yellow Bullhead		I	C	T	2	6.00	3.70	0.00	0.00	0.00
Largemouth Bass		C	C	N	3	9.00	5.56	0.00	0.00	0.00
Johnny Darter		I	C	N	12	36.00	22.22	0.00	0.00	0.00
Data Totals:					54	162.00		0.00		
Number of Species:					6					
Number of Hybrids:					0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2012-09-17
River Mile: 3.7	Location: POND BROOK @ TRADEWIND COVE RD.	
Time Fished: 840 sec	Drainage: 1.6 sq mi	Depth:
Dist Fished: 0.1 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Redfin Pickerel		P	M	P	3	9.00	1.75	0.00	0.00	0.00
White Sucker		O	S	T	11	33.00	6.43	0.00	0.00	0.00
Common Carp		O	M	T	4	12.00	2.34	0.00	0.00	0.00
Yellow Bullhead		I	C	T	35	105.00	20.47	0.00	0.00	0.00
Brook Silverside		I	M	M	6	18.00	3.51	0.00	0.00	0.00
Black Crappie		I	C	N	2	6.00	1.17	0.00	0.00	0.00
Warmouth Sunfish		C	C	N	4	12.00	2.34	0.00	0.00	0.00
Green Sunfish		I	C	T	20	60.00	11.70	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	40	120.00	23.39	0.00	0.00	0.00
Pumpkinseed Sunfish		I	C	P	44	132.00	25.73	0.00	0.00	0.00
Yellow Perch			M	N	2	6.00	1.17	0.00	0.00	0.00
		Data Totals:			171	513.00		0.00		
		Number of Species:			11					
		Number of Hybrids:			0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2016-08-02
River Mile: 3.7	Location: POND BROOK @ TRADEWIND COVE RD.	
Time Fished: 1800 sec	Drainage: 1.6 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	27	54.00	22.88	0.00	#Error	0.00
Golden Shiner		I	M	T	12	24.00	10.17	0.00	#Error	0.00
Creek Chub		G	N	T	2	4.00	1.69	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	39	78.00	33.05	0.00	#Error	0.00
Yellow Bullhead		I	C	T	10	20.00	8.47	0.00	#Error	0.00
Brook Silverside		I	M	M	3	6.00	2.54	0.00	#Error	0.00
Black Crappie		I	C	N	1	2.00	0.85	0.00	#Error	0.00
Largemouth Bass		C	C	N	3	6.00	2.54	0.00	#Error	0.00
Green Sunfish		I	C	T	9	18.00	7.63	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.85	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	10	20.00	8.47	0.00	#Error	0.00
Yellow Perch			M	N	1	2.00	0.85	0.00	#Error	0.00
Data Totals:					118	236.00		0.00		
Number of Species:					12					
Number of Hybrids:					0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2012-09-17
River Mile: 3.4	Location: POND BROOK DST. AURORA AND GEAUGA WWTPS	
Time Fished: 1800 sec	Drainage: 5.0 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Central Mudminnow		I	C	T	3	6.00	1.38	0.00	0.00	0.00
White Sucker		O	S	T	1	2.00	0.46	0.00	0.00	0.00
Common Carp		O	M	T	4	8.00	1.83	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	24	48.00	11.01	0.00	0.00	0.00
Yellow Bullhead		I	C	T	85	170.00	38.99	0.00	0.00	0.00
Brook Silverside		I	M	M	34	68.00	15.60	0.00	0.00	0.00
Largemouth Bass		C	C	N	22	44.00	10.09	0.00	0.00	0.00
Warmouth Sunfish		C	C	N	7	14.00	3.21	0.00	0.00	0.00
Green Sunfish		I	C	T	16	32.00	7.34	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	20	40.00	9.17	0.00	0.00	0.00
Pumpkinseed Sunfish		I	C	P	2	4.00	0.92	0.00	0.00	0.00
		Data Totals:			218	436.00		0.00		
		Number of Species:			11					
		Number of Hybrids:			0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2011-07-12
River Mile: 2.6	Location: POND BROOK IN RESTORATION AREA	
Time Fished: 3480 sec	Drainage: 9.8 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Central Mudminnow		I	C	T	5	7.50	1.18	0.00	0.00	0.00
Redfin Pickerel		P	M	P	8	12.00	1.89	0.00	0.00	0.00
White Sucker		O	S	T	1	1.50	0.24	0.00	0.00	0.00
Common Carp		O	M	T	12	18.00	2.83	0.00	0.00	0.00
Golden Shiner		I	M	T	6	9.00	1.42	0.00	0.00	0.00
Creek Chub		G	N	T	19	28.50	4.48	0.00	0.00	0.00
Fathead Minnow		O	C	T	2	3.00	0.47	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	52	78.00	12.26	0.00	0.00	0.00
Yellow Bullhead		I	C	T	125	187.50	29.48	0.00	0.00	0.00
Largemouth Bass		C	C	N	5	7.50	1.18	0.00	0.00	0.00
Green Sunfish		I	C	T	30	45.00	7.08	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	126	189.00	29.72	0.00	0.00	0.00
Pumpkinseed Sunfish		I	C	P	30	45.00	7.08	0.00	0.00	0.00
Bluegill SF x Pumpkinseed SF				N	1	1.50	0.24	0.00	0.00	0.00
Yellow Perch			M	N	2	3.00	0.47	0.00	0.00	0.00
		Data Totals:			424	636.00		0.00		
		Number of Species:			15					
		Number of Hybrids:			1					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2016-09-13
River Mile: 2.6	Location: POND BROOK IN RESTORATION AREA	
Time Fished: 1800 sec	Drainage: 9.8 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Central Mudminnow		I	C	T	2	4.00	1.94	0.00	#Error	0.00
Redfin Pickerel		P	M	P	13	26.00	12.62	0.00	#Error	0.00
White Sucker		O	S	T	5	10.00	4.85	0.00	#Error	0.00
Common Carp		O	M	T	5	10.00	4.85	0.00	#Error	0.00
Golden Shiner		I	M	T	45	90.00	43.69	0.00	#Error	0.00
Creek Chub		G	N	T	7	14.00	6.80	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	7	14.00	6.80	0.00	#Error	0.00
Yellow Bullhead		I	C	T	10	20.00	9.71	0.00	#Error	0.00
Largemouth Bass		C	C	N	1	2.00	0.97	0.00	#Error	0.00
Green Sunfish		I	C	T	2	4.00	1.94	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.97	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	2	4.00	1.94	0.00	#Error	0.00
Johnny Darter		I	C	N	3	6.00	2.91	0.00	#Error	0.00
		Data Totals:			103	206.00		0.00		
		Number of Species:			13					
		Number of Hybrids:			0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2012-09-17
River Mile: 2.4	Location: POND BROOK JUST DST. OF TRIB.	
Time Fished: 1800 sec	Drainage: 10.9 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Redfin Pickerel		P	M	P	3	6.00	2.01	0.00	0.00	0.00
White Sucker		O	S	T	3	6.00	2.01	0.00	0.00	0.00
Golden Shiner		I	M	T	4	8.00	2.68	0.00	0.00	0.00
Creek Chub		G	N	T	1	2.00	0.67	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	93	186.00	62.42	0.00	0.00	0.00
Yellow Bullhead		I	C	T	14	28.00	9.40	0.00	0.00	0.00
Green Sunfish		I	C	T	1	2.00	0.67	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	12	24.00	8.05	0.00	0.00	0.00
Pumpkinseed Sunfish		I	C	P	18	36.00	12.08	0.00	0.00	0.00
		Data Totals:			149	298.00		0.00		
		Number of Species:			9					
		Number of Hybrids:			0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2016-09-13
River Mile: 2.4	Location: POND BROOK JUST DST. OF TRIB.	
Time Fished: 1800 sec	Drainage: 10.9 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Redfin Pickerel		P	M	P	8	16.00	9.41	0.00	#Error	0.00
White Sucker		O	S	T	2	4.00	2.35	0.00	#Error	0.00
Common Carp		O	M	T	2	4.00	2.35	0.00	#Error	0.00
Golden Shiner		I	M	T	19	38.00	22.35	0.00	#Error	0.00
Creek Chub		G	N	T	8	16.00	9.41	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	7	14.00	8.24	0.00	#Error	0.00
Yellow Bullhead		I	C	T	25	50.00	29.41	0.00	#Error	0.00
Black Bullhead		I	C	P	1	2.00	1.18	0.00	#Error	0.00
Brook Silverside		I	M	M	4	8.00	4.71	0.00	#Error	0.00
Largemouth Bass		C	C	N	2	4.00	2.35	0.00	#Error	0.00
Green Sunfish		I	C	T	1	2.00	1.18	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	2	4.00	2.35	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	2	4.00	2.35	0.00	#Error	0.00
Johnny Darter		I	C	N	2	4.00	2.35	0.00	#Error	0.00
		Data Totals:			85	170.00		0.00		
		Number of Species:			14					
		Number of Hybrids:			0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2012-09-17
River Mile: 1.4	Location: POND BROOK NEAR AURORA @ ST. RT. 82	
Time Fished: 1800 sec	Drainage: 15.7 sq mi	Depth:
Dist Fished: 0.12 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Redfin Pickerel		P	M	P	8	19.20	2.21	0.00	0.00	0.00
White Sucker		O	S	T	4	9.60	1.10	0.00	0.00	0.00
Common Carp		O	M	T	5	12.00	1.38	0.00	0.00	0.00
Golden Shiner		I	M	T	7	16.80	1.93	0.00	0.00	0.00
Bluntnose Minnow		O	C	T	217	520.80	59.94	0.00	0.00	0.00
Yellow Bullhead		I	C	T	17	40.80	4.70	0.00	0.00	0.00
Brook Silverside		I	M	M	54	129.60	14.92	0.00	0.00	0.00
Green Sunfish		I	C	T	28	67.20	7.73	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	18	43.20	4.97	0.00	0.00	0.00
Pumpkinseed Sunfish		I	C	P	4	9.60	1.10	0.00	0.00	0.00
		Data Totals:			362	868.80		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2016-07-28
River Mile: 1.4	Location: POND BROOK NEAR AURORA @ ST. RT. 82	
Time Fished: 1800 sec	Drainage: 15.7 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Central Mudminnow		I	C	T	14	28.00	3.41	0.00	#Error	0.00
Redfin Pickerel		P	M	P	20	40.00	4.87	0.00	#Error	0.00
White Sucker		O	S	T	38	76.00	9.25	0.00	#Error	0.00
Common Carp		O	M	T	11	22.00	2.68	0.00	#Error	0.00
Golden Shiner		I	M	T	14	28.00	3.41	0.00	#Error	0.00
Creek Chub		G	N	T	15	30.00	3.65	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	139	278.00	33.82	0.00	#Error	0.00
Yellow Bullhead		I	C	T	52	104.00	12.65	0.00	#Error	0.00
Brook Silverside		I	M	M	2	4.00	0.49	0.00	#Error	0.00
Largemouth Bass		C	C	N	5	10.00	1.22	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	30	60.00	7.30	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	58	116.00	14.11	0.00	#Error	0.00
Johnny Darter		I	C	N	13	26.00	3.16	0.00	#Error	0.00
		Data Totals:			411	822.00		0.00		
		Number of Species:			13					
		Number of Hybrids:			0					

River Code: 13-100-012	Stream: TRIB TO E BR ROCKY (RM 24.72)	Sample Date: 2016-07-07
River Mile: 0.6	Location: TRIB. TO E. BR. ROCKY R. (24.72) IN MARREK POND (IMPOUNDED)	
Time Fished: 2973 sec	Drainage: 0.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Rocky River	Flow: N
		Data Source:
		Sampler Type: A

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Crappie		I	C	N	7	46.67	4.09	0.00	#Error	0.00
Largemouth Bass		C	C	N	48	320.00	28.07	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	116	773.33	67.84	0.00	#Error	0.00
		Data Totals:			171	1140.00		0.00		
		Number of Species:			3					
		Number of Hybrids:			0					

River Code: 15-001-000	Stream: CHAGRIN RIVER	Sample Date: 2016-08-09
River Mile: 19.7	Location: CHAGRIN R. DST. HUNTING VALLEY & WITHIN MARCOURT FARMS AREAS	
Time Fished: 3372 sec	Drainage: 157.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Chagrin River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Golden Redhorse		I	S	M	78	117.00	9.63	0.36	2.07	3.08
Northern Hog Sucker		I	S	M	38	57.00	4.69	2.57	14.73	45.00
White Sucker		O	S	T	34	51.00	4.20	1.44	8.27	28.24
River Chub		I	N	I	14	21.00	1.73	0.57	3.25	26.92
Bigeye Chub		I	S	I	165	247.50	20.37	0.53	3.05	2.15
Rosyface Shiner		I	S	I	17	25.50	2.10	0.05	0.26	1.76
Striped Shiner		I	S	N	163	244.50	20.12	6.90	39.63	28.22
Spotfin Shiner		I	M	N	25	37.50	3.09	0.14	0.78	3.60
Sand Shiner		I	M	M	13	19.50	1.60	0.06	0.33	2.92
Mimic Shiner		I	M	I	1	1.50	0.12	0.00	0.02	2.00
Silverjaw Minnow		I	M	N	11	16.50	1.36	0.07	0.39	4.09
Bluntnose Minnow		O	C	T	7	10.50	0.86	0.06	0.34	5.71
Central Stoneroller		H	N	N	45	67.50	5.56	1.18	6.76	17.44
Yellow Bullhead		I	C	T	2	3.00	0.25	0.14	0.78	45.00
Stonecat Madtom		I	C	I	4	6.00	0.49	0.03	0.17	5.00
Rock Bass		C	C	N	4	6.00	0.49	0.26	1.51	43.75
Smallmouth Bass		C	C	M	7	10.50	0.86	2.43	13.96	231.43
Green Sunfish		I	C	T	3	4.50	0.37	0.06	0.34	13.33
Bluegill Sunfish		I	C	P	2	3.00	0.25	0.08	0.43	25.00
Pumpkinseed Sunfish		I	C	P	1	1.50	0.12	0.09	0.52	60.00
Greenside Darter		I	S	M	63	94.50	7.78	0.11	0.60	1.11
Rainbow Darter		I	S	M	112	168.00	13.83	0.32	1.81	1.88
Fantail Darter		I	C	N	1	1.50	0.12	0.00	0.02	2.00
Data Totals:					810	1215.00		17.41		
Number of Species:					23					
Number of Hybrids:					0					

River Code: 17-410-000	Stream: SOUTH FORK SUGAR CREEK	Sample Date: 2016-09-12
River Mile: 21.1	Location: S. FK. SUGAR CREEK NW OF BALTIC @ CO. RD. 114	
Time Fished: 1147 sec	Drainage: 7.3 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Muskingum River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	67	134.00	20.18	0.00	#Error	0.00
Common Carp		O	M	T	3	6.00	0.90	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	2	4.00	0.60	0.00	#Error	0.00
Creek Chub		G	N	T	136	272.00	40.96	0.00	#Error	0.00
Common Shiner		I	S	N	4	8.00	1.20	0.00	#Error	0.00
Sand Shiner		I	M	M	1	2.00	0.30	0.00	#Error	0.00
Silverjaw Minnow		I	M	N	6	12.00	1.81	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	109	218.00	32.83	0.00	#Error	0.00
Yellow Bullhead		I	C	T	3	6.00	0.90	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.30	0.00	#Error	0.00
		Data Totals:			332	664.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 17-410-000	Stream: SOUTH FORK SUGAR CREEK	Sample Date: 2016-09-12
River Mile: 18.4	Location: S. FK. SUGAR CREEK @ ST. RT. 93	
Time Fished: 1478 sec	Drainage: 19.8 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Muskingum River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	22	44.00	1.60	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	14	28.00	1.02	0.00	#Error	0.00
Creek Chub		G	N	T	188	376.00	13.70	0.00	#Error	0.00
Common Shiner		I	S	N	4	8.00	0.29	0.00	#Error	0.00
Sand Shiner		I	M	M	565	1130.00	41.18	0.00	#Error	0.00
Silverjaw Minnow		I	M	N	470	940.00	34.26	0.00	#Error	0.00
Fathead Minnow		O	C	T	4	8.00	0.29	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	101	202.00	7.36	0.00	#Error	0.00
Yellow Bullhead		I	C	T	3	6.00	0.22	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.07	0.00	#Error	0.00
		Data Totals:			1372	2744.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 17-416-000	Stream: TROYER VALLEY CREEK	Sample Date: 2016-09-12
River Mile: 1.1	Location: TROYER VALLEY CREEK SW OF SUGARCREEK @ ST. RT. 93	
Time Fished: 1200 sec	Drainage: 2.4 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Muskingum River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Creek Chub		G	N	T	2	4.00	100.00	0.00	#Error	0.00
		Data Totals:			2	4.00		0.00		
		Number of Species:			1					
		Number of Hybrids:			0					

River Code: 23-001-000	Stream: MILL CREEK	Sample Date: 2016-09-14
River Mile: 7.9	Location: MILL CREEK AT ELMWOOD PLACE @ CENTER HILL AVE.	
Time Fished: 2537 sec	Drainage: 121.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Mill Creek	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	4	6.00	2.56	0.90	4.00	150.00
Golden Redhorse		I	S	M	1	1.50	0.64	0.15	0.67	100.00
Northern Hog Sucker		I	S	M	75	112.50	48.08	12.97	57.70	115.28
White Sucker		O	S	T	5	7.50	3.21	0.68	3.00	90.00
Common Carp		O	M	T	3	4.50	1.92	2.70	12.01	600.00
Suckermouth Minnow		I	S	N	1	1.50	0.64	0.02	0.07	10.00
Emerald Shiner		I	M	N	1	1.50	0.64	0.01	0.04	6.00
Spotfin Shiner		I	M	N	42	63.00	26.92	0.18	0.81	2.89
Central Stoneroller		H	N	N	3	4.50	1.92	0.03	0.13	6.67
Smallmouth Bass		C	C	M	2	3.00	1.28	1.92	8.56	641.00
Spotted Bass		C	C	N	1	1.50	0.64	0.38	1.67	250.00
Largemouth Bass		C	C	N	2	3.00	1.28	0.37	1.64	122.50
Green Sunfish		I	C	T	6	9.00	3.85	0.29	1.27	31.67
Bluegill Sunfish		I	C	P	1	1.50	0.64	0.04	0.17	25.00
Longear Sunfish		I	C	M	4	6.00	2.56	0.30	1.33	50.00
Pumpkinseed Sunfish		I	C	P	1	1.50	0.64	0.03	0.13	20.00
Logperch		I	S	M	1	1.50	0.64	0.02	0.10	15.00
Rainbow Darter		I	S	M	2	3.00	1.28	0.00	0.02	1.50
Sauger x Walleye		P		N	1	1.50	0.64	1.50	6.67	1000.00
		Data Totals:			156	234.00		22.48		
		Number of Species:			19					
		Number of Hybrids:			1					

River Code: 23-001-000	Stream: MILL CREEK	Sample Date: 2016-08-24
River Mile: 4.9	Location: MILL CREEK AT CUMMINSVILLE @ SALWAY PARK	
Time Fished: 1800 sec	Drainage: 139.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Mill Creek	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	46	69.00	12.14	10.50	47.19	152.17
Emerald Shiner		I	M	N	7	10.50	1.85	0.02	0.07	1.43
Spotfin Shiner		I	M	N	78	117.00	20.58	0.09	0.42	0.79
Bluntnose Minnow		O	C	T	3	4.50	0.79	0.00	0.02	1.00
Channel Catfish			C	N	1	1.50	0.26	2.55	11.46	1700.00
Yellow Bullhead		I	C	T	13	19.50	3.43	2.48	11.12	126.92
Smallmouth Bass		C	C	M	5	7.50	1.32	0.50	2.25	66.67
Spotted Bass		C	C	N	11	16.50	2.90	0.47	2.09	28.18
Largemouth Bass		C	C	N	15	22.50	3.96	0.14	0.64	6.33
Green Sunfish		I	C	T	107	160.50	28.23	2.65	11.91	16.51
Bluegill Sunfish		I	C	P	65	97.50	17.15	1.29	5.80	13.23
Longear Sunfish		I	C	M	4	6.00	1.06	0.30	1.35	50.00
Pumpkinseed Sunfish		I	C	P	16	24.00	4.22	0.40	1.80	16.67
Hybrid x Sunfish				N	5	7.50	1.32	0.86	3.88	115.00
Johnny Darter		I	C	N	1	1.50	0.26	0.00	0.01	1.00
Rainbow Darter		I	S	M	2	3.00	0.53	0.00	0.01	1.00
					Data Totals:	379	568.50	22.25		
					Number of Species:	16				
					Number of Hybrids:	1				

River Code: 23-001-000	Stream: MILL CREEK	Sample Date: 2016-08-24
River Mile: 4.3	Location: MILL CREEK UPST. SOUTH LUDLOW AVE.	
Time Fished: 2700 sec	Drainage: 141.0 sq mi	Depth:
Dist Fished: 0.22 km	Basin: Mill Creek	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	25	34.09	7.89	2.32	1.63	68.00
Smallmouth Buffalo		I	M	N	1	1.36	0.32	3.07	2.16	2250.00
Golden Redhorse		I	S	M	1	1.36	0.32	0.10	0.07	70.00
Northern Hog Sucker		I	S	M	48	65.45	15.14	5.82	4.09	88.85
White Sucker		O	S	T	1	1.36	0.32	0.01	0.00	5.00
Smallmouth Redhorse		I	S	M	6	8.18	1.89	0.67	0.47	81.67
Common Carp		O	M	T	39	53.18	12.30	79.30	55.76	1491.03
Suckermouth Minnow		I	S	N	3	4.09	0.95	0.03	0.02	6.67
Emerald Shiner		I	M	N	55	75.00	17.35	0.13	0.09	1.76
Spotfin Shiner		I	M	N	13	17.73	4.10	0.05	0.04	3.08
Sand Shiner		I	M	M	8	10.91	2.52	0.05	0.04	5.00
Central Stoneroller		H	N	N	18	24.55	5.68	0.12	0.09	5.00
Channel Catfish			C	N	54	73.64	17.03	20.66	14.53	280.56
Striped Bass x White Bass				N	13	17.73	4.10	25.36	17.83	1430.77
White Crappie		I	C	N	1	1.36	0.32	0.61	0.43	450.00
Smallmouth Bass		C	C	M	2	2.73	0.63	0.41	0.29	150.00
Spotted Bass		C	C	N	2	2.73	0.63	0.18	0.12	65.00
Bluegill Sunfish		I	C	P	20	27.27	6.31	1.58	1.11	58.00
Orangespotted Sunfish		I	C	N	1	1.36	0.32	0.01	0.01	8.00
Longear Sunfish		I	C	M	1	1.36	0.32	0.03	0.02	25.00
Logperch		I	S	M	1	1.36	0.32	0.01	0.00	5.00
Freshwater Drum			M	P	4	5.45	1.26	1.70	1.20	312.50
			Data Totals:		317	432.27		142.22		
			Number of Species:		22					
			Number of Hybrids:		1					

River Code: 01-047-000	Stream: FETTERS RUN	Sample Date: 2017-06-26
River Mile: 1.2	Location: FETTERS RUN AT LANCASTER @ LANCASTER HIGH SCHOOL	
Time Fished: 1800 sec	Drainage: 6.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Hocking River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	12	24.00	2.16	0.00	#Error	0.00
White Sucker		O	S	T	33	66.00	5.95	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	79	158.00	14.23	0.00	#Error	0.00
Creek Chub		G	N	T	232	464.00	41.80	0.00	#Error	0.00
Striped Shiner		I	S	N	11	22.00	1.98	0.00	#Error	0.00
Silverjaw Minnow		I	M	N	4	8.00	0.72	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	12	24.00	2.16	0.00	#Error	0.00
Central Stoneroller		H	N	N	61	122.00	10.99	0.00	#Error	0.00
Yellow Bullhead		I	C	T	4	8.00	0.72	0.00	#Error	0.00
Green Sunfish		I	C	T	7	14.00	1.26	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	7	14.00	1.26	0.00	#Error	0.00
Johnny Darter		I	C	N	30	60.00	5.41	0.00	#Error	0.00
Greenside Darter		I	S	M	10	20.00	1.80	0.00	#Error	0.00
Banded Darter		I	S	I	4	8.00	0.72	0.00	#Error	0.00
Rainbow Darter		I	S	M	33	66.00	5.95	0.00	#Error	0.00
Fantail Darter		I	C	N	16	32.00	2.88	0.00	#Error	0.00
					Data Totals:	555	1110.00	0.00		
					Number of Species:	16				
					Number of Hybrids:	0				

River Code: 02-123-001	Stream: SYCAMORE RUN (GAHANNA)	Sample Date: 2013-07-17
River Mile: 1.5	Location: SYCAMORE RUN AT GAHANNA, ADJ. SYCAMORE WOODS CONDOMINIUMS	
Time Fished: 1525 sec	Drainage: 0.6 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	8	16.00	2.88	0.00	0.00	0.00
Blacknose Dace		G	S	T	53	106.00	19.06	0.00	0.00	0.00
Creek Chub		G	N	T	102	204.00	36.69	0.00	0.00	0.00
South. Redbelly Dace		H	S	N	44	88.00	15.83	0.00	0.00	0.00
Central Stoneroller		H	N	N	43	86.00	15.47	0.00	0.00	0.00
Green Sunfish		I	C	T	2	4.00	0.72	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.36	0.00	0.00	0.00
Johnny Darter		I	C	N	23	46.00	8.27	0.00	0.00	0.00
Mottled Sculpin		I	C	N	2	4.00	0.72	0.00	0.00	0.00
		Data Totals:			278	556.00		0.00		
		Number of Species:			9					
		Number of Hybrids:			0					

River Code: 02-123-001	Stream: SYCAMORE RUN (GAHANNA)	Sample Date: 2017-06-26
River Mile: 1.5	Location: SYCAMORE RUN AT GAHANNA, ADJ. SYCAMORE WOODS CONDOMINIUMS	
Time Fished: 1800 sec	Drainage: 0.6 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	52	104.00	6.43	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	101	202.00	12.48	0.00	#Error	0.00
Creek Chub		G	N	T	177	354.00	21.88	0.00	#Error	0.00
South. Redbelly Dace		H	S	N	102	204.00	12.61	0.00	#Error	0.00
Central Stoneroller		H	N	N	336	672.00	41.53	0.00	#Error	0.00
Johnny Darter		I	C	N	16	32.00	1.98	0.00	#Error	0.00
Fantail Darter		I	C	N	3	6.00	0.37	0.00	#Error	0.00
Mottled Sculpin		I	C	N	22	44.00	2.72	0.00	#Error	0.00
		Data Totals:			809	1618.00		0.00		
		Number of Species:			8					
		Number of Hybrids:			0					

River Code: 02-130-009	Stream: DYSAR RUN	Sample Date: 2017-08-18
River Mile: 3.0	Location: DYSAR RUN DST CRETE LN/UST RR	
Time Fished: 1800 sec	Drainage: 1.3 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Scioto River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Western Blacknose Dace		G	S	T	47	94.00	13.28	0.00	#Error	0.00
Creek Chub		G	N	T	109	218.00	30.79	0.00	#Error	0.00
Central Stoneroller		H	N	N	53	106.00	14.97	0.00	#Error	0.00
Largemouth Bass		C	C	N	4	8.00	1.13	0.00	#Error	0.00
Green Sunfish		I	C	T	5	10.00	1.41	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	21	42.00	5.93	0.00	#Error	0.00
Mottled Sculpin		I	C	N	115	230.00	32.49	0.00	#Error	0.00
		Data Totals:			354	708.00		0.00		
		Number of Species:			7					
		Number of Hybrids:			0					

River Code: 03-001-000	Stream: GRAND RIVER	Sample Date: 2017-08-17
River Mile: 6.8	Location: GRAND R. AT PAINESVILLE, DST. OLD DAM/MAIN ST.	
Time Fished: 2134 sec	Drainage: 687.0 sq mi	Depth: Data Source:
Dist Fished: 0.4 km	Basin: Grand River	Flow: N
		Sampler Type: A

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Gizzard Shad		O	M	N	4	10.00	1.10	0.95	0.74	95.00
Quillback		O	M	N	2	5.00	0.55	0.65	0.51	130.00
Silver Redhorse		I	S	M	9	22.50	2.47	23.25	18.17	1033.33
Black Redhorse		I	S	I	52	130.00	14.29	38.61	30.16	296.96
Golden Redhorse		I	S	M	23	57.50	6.32	11.00	8.59	191.30
Shorthead Redhorse		I	S	M	15	37.50	4.12	4.26	3.32	113.47
River Redhorse		I	S	I	3	7.50	0.82	13.13	10.25	1750.00
Northern Hog Sucker		I	S	M	19	47.50	5.22	5.80	4.53	122.11
White Sucker		O	S	T	1	2.50	0.27	0.15	0.12	60.00
Spotted Sucker		I	S	N	1	2.50	0.27	0.17	0.13	68.00
Common Carp		O	M	T	2	5.00	0.55	7.50	5.86	1500.00
River Chub		I	N	I	20	50.00	5.49	0.85	0.66	17.00
Silver Shiner		I	S	I	8	20.00	2.20	0.08	0.06	3.88
Rosyface Shiner		I	S	I	4	10.00	1.10	0.01	0.01	1.00
Common Shiner		I	S	N	4	10.00	1.10	0.05	0.04	5.25
Spotfin Shiner		I	M	N	11	27.50	3.02	0.08	0.06	2.91
Mimic Shiner		I	M	I	18	45.00	4.95	0.07	0.05	1.44
Bluntnose Minnow		O	C	T	5	12.50	1.37	0.02	0.02	1.60
Central Stoneroller		H	N	N	1	2.50	0.27	0.02	0.02	8.00
Stonecat Madtom		I	C	I	5	12.50	1.37	0.35	0.27	28.00
Rock Bass		C	C	N	23	57.50	6.32	5.03	3.93	87.39
Smallmouth Bass		C	C	M	10	25.00	2.75	4.20	3.28	168.00
Largemouth Bass		C	C	N	2	5.00	0.55	0.68	0.53	135.00
Warmouth Sunfish		C	C	N	1	2.50	0.27	0.08	0.06	30.00
Green Sunfish		I	C	T	1	2.50	0.27	0.06	0.04	22.00
Bluegill Sunfish		I	C	P	14	35.00	3.85	1.25	0.97	35.57
Pumpkinseed Sunfish		I	C	P	1	2.50	0.27	0.05	0.04	20.00
Walleye		P	S	N	1	2.50	0.27	1.50	1.17	600.00
Yellow Perch			M	N	3	7.50	0.82	0.35	0.27	46.67
Blackside Darter		I	S	N	6	15.00	1.65	0.04	0.03	2.67
Logperch		I	S	M	64	160.00	17.58	1.23	0.96	7.66
Eastern Sand Darter		I	S	R	1	2.50	0.27	0.01	0.01	3.00
Greenside Darter		I	S	M	12	30.00	3.30	0.10	0.08	3.33
Rainbow Darter		I	S	M	1	2.50	0.27	0.01	0.00	2.00
Fantail Darter		I	C	N	8	20.00	2.20	0.03	0.03	1.63
Freshwater Drum			M	P	9	22.50	2.47	6.43	5.02	285.56
Data Totals:					364	910.00		127.99		
Number of Species:					36					
Number of Hybrids:					0					

River Code: 07-027-000	Stream: MCKINLEY CREEK	Sample Date: 2017-10-04
River Mile: 0.8	Location: MCKINLEY CREEK (TRIB TO LAKE ERIE/1148.8) @ TOWNLINE RD	
Time Fished: 1800 sec	Drainage: 0.4 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Ashtabula River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Creek Chub		G	N	T	275	550.00	90.46	0.00	#Error	0.00
Western Mosquitofish		I	N	N	28	56.00	9.21	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.33	0.00	#Error	0.00
		Data Totals:			304	608.00		0.00		
		Number of Species:			3					
		Number of Hybrids:			0					

River Code: 09-571-000	Stream: BRUSHY FORK	Sample Date: 2017-07-10
River Mile: 10.3	Location: BRUSHY CREEK @ FAIRVIEW RIDGE RD.	
Time Fished: 1800 sec	Drainage: 1.3 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Southeast Ohio River Tribs	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	2	4.00	2.99	0.00	#Error	0.00
Creek Chub		G	N	T	52	104.00	77.61	0.00	#Error	0.00
South. Redbelly Dace		H	S	N	2	4.00	2.99	0.00	#Error	0.00
Brown Bullhead		I	C	T	1	2.00	1.49	0.00	#Error	0.00
Green Sunfish		I	C	T	1	2.00	1.49	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	1.49	0.00	#Error	0.00
Longear Sunfish		I	C	M	8	16.00	11.94	0.00	#Error	0.00
		Data Totals:			67	134.00		0.00		
		Number of Species:			7					
		Number of Hybrids:			0					

River Code: 09-575-000	Stream: WEST BRANCH RACCOON CREEK	Sample Date: 2017-07-13
River Mile: 5.7	Location: W. BR. RACCOON CREEK @ ILESBORO-CEDAR FALLS RD	
Time Fished: 1965 sec	Drainage: 3.8 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Southeast Ohio River Tribs	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	5	10.00	2.31	0.00	#Error	0.00
Creek Chub		G	N	T	174	348.00	80.56	0.00	#Error	0.00
South. Redbelly Dace		H	S	N	30	60.00	13.89	0.00	#Error	0.00
Largemouth Bass		C	C	N	1	2.00	0.46	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.46	0.00	#Error	0.00
Longear Sunfish		I	C	M	1	2.00	0.46	0.00	#Error	0.00
Johnny Darter		I	C	N	4	8.00	1.85	0.00	#Error	0.00
		Data Totals:			216	432.00		0.00		
		Number of Species:			7					
		Number of Hybrids:			0					

River Code: 09-575-000	Stream: WEST BRANCH RACCOON CREEK	Sample Date: 2017-07-10
River Mile: 4.1	Location: W. BR. RACCOON CREEK @ ST. RT. 93	
Time Fished: 1800 sec	Drainage: 6.8 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Southeast Ohio River Tribs	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Creek Chub		G	N	T	257	514.00	68.53	0.00	#Error	0.00
South. Redbelly Dace		H	S	N	86	172.00	22.93	0.00	#Error	0.00
Striped Shiner		I	S	N	2	4.00	0.53	0.00	#Error	0.00
Largemouth Bass		C	C	N	12	24.00	3.20	0.00	#Error	0.00
Green Sunfish		I	C	T	2	4.00	0.53	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	1	2.00	0.27	0.00	#Error	0.00
Longear Sunfish		I	C	M	2	4.00	0.53	0.00	#Error	0.00
Johnny Darter		I	C	N	13	26.00	3.47	0.00	#Error	0.00
		Data Totals:			375	750.00		0.00		
		Number of Species:			8					
		Number of Hybrids:			0					

River Code: 15-001-000	Stream: CHAGRIN RIVER	Sample Date: 2017-08-15
River Mile: 28.6	Location: CHAGRIN RIVER UST CHAGRIN FALLS WWTP, ADJ WWTP	
Time Fished: 1800 sec	Drainage: 60.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Chagrin River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Golden Redhorse		I	S	M	3	4.50	1.00	0.15	2.25	33.33
Northern Hog Sucker		I	S	M	10	15.00	3.34	0.42	6.30	28.00
White Sucker		O	S	T	4	6.00	1.34	0.31	4.64	51.50
River Chub		I	N	I	25	37.50	8.36	0.73	10.94	19.44
Rosyface Shiner		I	S	I	33	49.50	11.04	0.09	1.31	1.76
Striped Shiner		I	S	N	21	31.50	7.02	0.66	9.90	20.95
Common Shiner		I	S	N	46	69.00	15.38	0.80	11.97	11.57
Spotfin Shiner		I	M	N	10	15.00	3.34	0.05	0.68	3.00
Sand Shiner		I	M	M	2	3.00	0.67	0.01	0.09	2.00
Bluntnose Minnow		O	C	T	23	34.50	7.69	0.11	1.71	3.30
Central Stoneroller		H	N	N	26	39.00	8.70	0.59	8.78	15.00
Stonecat Madtom		I	C	I	3	4.50	1.00	0.11	1.71	25.33
Rock Bass		C	C	N	2	3.00	0.67	0.07	1.08	24.00
Smallmouth Bass		C	C	M	13	19.50	4.35	1.44	21.60	73.85
Green Sunfish		I	C	T	3	4.50	1.00	0.10	1.53	22.67
Bluegill Sunfish		I	C	P	33	49.50	11.04	0.55	8.21	11.06
Pumpkinseed Sunfish		I	C	P	3	4.50	1.00	0.10	1.53	22.67
Hybrid x Sunfish				N	1	1.50	0.33	0.16	2.39	106.00
Johnny Darter		I	C	N	1	1.50	0.33	0.00	0.05	2.00
Greenside Darter		I	S	M	18	27.00	6.02	0.17	2.52	6.22
Rainbow Darter		I	S	M	4	6.00	1.34	0.02	0.34	3.75
Fantail Darter		I	C	N	15	22.50	5.02	0.03	0.50	1.47
Data Totals:					299	448.50		6.67		
Number of Species:					22					
Number of Hybrids:					1					

River Code: 15-001-000	Stream: CHAGRIN RIVER	Sample Date: 2017-08-15
River Mile: 18.1	Location: CHAGRIN R. AT GATES MILLS @ OLD MILL RD.	
Time Fished: 2400 sec	Drainage: 163.0 sq mi	Depth:
Dist Fished: 0.2 km	Basin: Chagrin River	Flow: N
		Data Source:
		Sampler Type: D

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Black Redhorse		I	S	I	15	22.50	6.76	11.12	41.05	494.00
Golden Redhorse		I	S	M	15	22.50	6.76	1.94	7.15	86.00
Northern Hog Sucker		I	S	M	28	42.00	12.61	6.88	25.39	163.71
White Sucker		O	S	T	2	3.00	0.90	0.25	0.91	82.00
Common Carp		O	M	T	3	4.50	1.35	0.35	1.27	76.67
River Chub		I	N	I	15	22.50	6.76	1.14	4.21	50.67
Rosyface Shiner		I	S	I	5	7.50	2.25	0.01	0.03	1.20
Spotfin Shiner		I	M	N	30	45.00	13.51	0.11	0.39	2.33
Sand Shiner		I	M	M	1	1.50	0.45	0.00	0.01	1.00
Bluntnose Minnow		O	C	T	1	1.50	0.45	0.00	0.01	2.00
Yellow Bullhead		I	C	T	12	18.00	5.41	1.07	3.94	59.33
Stonecat Madtom		I	C	I	4	6.00	1.80	0.12	0.45	20.50
Rock Bass		C	C	N	26	39.00	11.71	1.27	4.68	32.50
Smallmouth Bass		C	C	M	18	27.00	8.11	2.25	8.31	83.33
Green Sunfish		I	C	T	2	3.00	0.90	0.03	0.11	10.00
Bluegill Sunfish		I	C	P	35	52.50	15.77	0.50	1.84	9.49
Hybrid x Sunfish				N	1	1.50	0.45	0.02	0.06	10.00
Blackside Darter		I	S	N	1	1.50	0.45	0.01	0.03	6.00
Logperch		I	S	M	1	1.50	0.45	0.02	0.07	12.00
Greenside Darter		I	S	M	2	3.00	0.90	0.01	0.04	4.00
Rainbow Darter		I	S	M	3	4.50	1.35	0.01	0.03	2.00
Fantail Darter		I	C	N	2	3.00	0.90	0.00	0.02	1.50
Data Totals:					222	333.00		27.08		
Number of Species:					22					
Number of Hybrids:					1					

River Code: 15-002-000	Stream: EAST BRANCH CHAGRIN RIVER	Sample Date: 2017-08-16
River Mile: 12.7	Location: E. BR. CHAGRIN R. NE OF CHESTERLAND, ADJ. WISNER RD.	
Time Fished: 2400 sec	Drainage: 19.5 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Chagrin River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Rainbow Trout			N	N	7	14.00	0.66	0.05	0.48	3.86
Northern Hog Sucker		I	S	M	155	310.00	14.55	2.70	24.03	8.71
White Sucker		O	S	T	67	134.00	6.29	1.22	10.83	9.08
River Chub		I	N	I	45	90.00	4.23	0.78	6.91	8.62
Western Blacknose Dace		G	S	T	65	130.00	6.10	0.23	2.03	1.75
Longnose Dace		I	S	R	84	168.00	7.89	0.63	5.59	3.74
Creek Chub		G	N	T	17	34.00	1.60	0.84	7.48	24.71
Common Shiner		I	S	N	113	226.00	10.61	0.64	5.66	2.81
Sand Shiner		I	M	M	32	64.00	3.00	0.08	0.71	1.25
Silverjaw Minnow		I	M	N	23	46.00	2.16	0.06	0.50	1.22
Bluntnose Minnow		O	C	T	114	228.00	10.70	0.65	5.75	2.83
Central Stoneroller		H	N	N	188	376.00	17.65	3.05	27.19	8.12
Johnny Darter		I	C	N	15	30.00	1.41	0.02	0.21	0.79
Rainbow Darter		I	S	M	125	250.00	11.74	0.27	2.45	1.10
Fantail Darter		I	C	N	15	30.00	1.41	0.02	0.18	0.67
					Data Totals:	1065	2130.00	11.23		
					Number of Species:	15				
					Number of Hybrids:	0				

River Code: 19-001-018	Stream: ECKERT DITCH	Sample Date: 2017-08-14
River Mile: 1.1	Location: ECKERT DITCH @ DAWLEY RD.	
Time Fished: 600 sec	Drainage: 8.0 sq mi	Depth:
Dist Fished: 0.05 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Redfin Pickerel		P	M	P	15	90.00	50.00	0.00	#Error	0.00
Brown Bullhead		I	C	T	2	12.00	6.67	0.00	#Error	0.00
Largemouth Bass		C	C	N	1	6.00	3.33	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	2	12.00	6.67	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	2	12.00	6.67	0.00	#Error	0.00
Yellow Perch			M	N	8	48.00	26.67	0.00	#Error	0.00
		Data Totals:			30	180.00		0.00		
		Number of Species:			6					
		Number of Hybrids:			0					

River Code: 19-008-000	Stream: POND BROOK	Sample Date: 2017-08-14
River Mile: 1.3	Location: POND BROOK DST SR 82	
Time Fished: 2100 sec	Drainage: 15.7 sq mi	Depth:
Dist Fished: 0.12 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Redfin Pickerel		P	M	P	31	74.40	9.78	0.00	#Error	0.00
White Sucker		O	S	T	41	98.40	12.93	0.00	#Error	0.00
Golden Shiner		I	M	T	9	21.60	2.84	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	124	297.60	39.12	0.00	#Error	0.00
Channel Catfish			C	N	1	2.40	0.32	0.00	#Error	0.00
Yellow Bullhead		I	C	T	13	31.20	4.10	0.00	#Error	0.00
Brook Silverside		I	M	M	13	31.20	4.10	0.00	#Error	0.00
White Crappie		I	C	N	2	4.80	0.63	0.00	#Error	0.00
Largemouth Bass		C	C	N	6	14.40	1.89	0.00	#Error	0.00
Green Sunfish		I	C	T	9	21.60	2.84	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	12	28.80	3.79	0.00	#Error	0.00
Pumpkinseed Sunfish		I	C	P	46	110.40	14.51	0.00	#Error	0.00
Johnny Darter		I	C	N	10	24.00	3.15	0.00	#Error	0.00
		Data Totals:			317	760.80		0.00		
		Number of Species:			13					
		Number of Hybrids:			0					

River Code: 19-041-001	Stream: EAST BRANCH EUCLID CREEK	Sample Date: 2017-10-04
River Mile: 5.2	Location: EAST BRANCH EUCLID CREEK FROM CHARDON RD. S OF EATON CORP.	
Time Fished: 1800 sec	Drainage: 1.4 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Cuyahoga River	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	18	36.00	1.08	0.00	#Error	0.00
Western Blacknose Dace		G	S	T	347	694.00	20.75	0.00	#Error	0.00
Creek Chub		G	N	T	702	1404.00	41.99	0.00	#Error	0.00
Fathead Minnow		O	C	T	7	14.00	0.42	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	488	976.00	29.19	0.00	#Error	0.00
Central Stoneroller		H	N	N	77	154.00	4.61	0.00	#Error	0.00
Yellow Bullhead		I	C	T	31	62.00	1.85	0.00	#Error	0.00
Green Sunfish		I	C	T	1	2.00	0.06	0.00	#Error	0.00
Hybrid x Sunfish				N	1	2.00	0.06	0.00	#Error	0.00
		Data Totals:			1672	3344.00		0.00		
		Number of Species:			9					
		Number of Hybrids:			1					

River Code: 23-001-000	Stream: MILL CREEK	Sample Date: 2017-10-04
River Mile: 13.4	Location: MILL CREEK AT READING @ W. COLUMBIA RD.	
Time Fished: 1500 sec	Drainage: 72.2 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Mill Creek	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
Northern Hog Sucker		I	S	M	15	30.00	20.27	5.50	28.06	183.33
White Sucker		O	S	T	1	2.00	1.35	0.18	0.94	92.00
Common Carp		O	M	T	3	6.00	4.05	10.80	55.09	1800.00
Spotfin Shiner		I	M	N	1	2.00	1.35	0.00	0.02	2.00
Sand Shiner		I	M	M	3	6.00	4.05	0.01	0.04	1.33
Bluntnose Minnow		O	C	T	7	14.00	9.46	0.01	0.07	1.00
Channel Catfish			C	N	1	2.00	1.35	0.02	0.10	10.00
Yellow Bullhead		I	C	T	5	10.00	6.76	1.25	6.37	124.80
Green Sunfish		I	C	T	25	50.00	33.78	1.11	5.65	22.16
Bluegill Sunfish		I	C	P	8	16.00	10.81	0.48	2.45	30.00
Pumpkinseed Sunfish		I	C	P	1	2.00	1.35	0.11	0.57	56.00
Hybrid x Sunfish				N	1	2.00	1.35	0.12	0.59	58.00
Johnny Darter		I	C	N	2	4.00	2.70	0.01	0.03	1.50
Fantail Darter		I	C	N	1	2.00	1.35	0.00	0.02	2.00
					Data Totals:	74	148.00	19.60		
					Number of Species:	14				
					Number of Hybrids:	1				

River Code: 23-006-000	Stream: EAST FORK MILL CREEK	Sample Date: 2014-07-17
River Mile: 1.9	Location: E. FK. MILL CREEK NEAR WEST CHESTER @ ALLEN RD.	
Time Fished: 1800 sec	Drainage: 8.1 sq mi Depth:	Data Source:
Dist Fished: 0.15 km	Basin: Mill Creek Flow: N	Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	13	26.00	2.05	0.00	0.00	0.00
Creek Chub		G	N	T	1	2.00	0.16	0.00	0.00	0.00
Central Stoneroller		H	N	N	52	104.00	8.20	0.00	0.00	0.00
Yellow Bullhead		I	C	T	2	4.00	0.32	0.00	0.00	0.00
Largemouth Bass		C	C	N	13	26.00	2.05	0.00	0.00	0.00
Green Sunfish		I	C	T	52	104.00	8.20	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	271	542.00	42.74	0.00	0.00	0.00
Johnny Darter		I	C	N	13	26.00	2.05	0.00	0.00	0.00
Rainbow Darter		I	S	M	217	434.00	34.23	0.00	0.00	0.00
Data Totals:					634	1268.00		0.00		
Number of Species:					9					
Number of Hybrids:					0					

River Code: 23-006-000	Stream: EAST FORK MILL CREEK	Sample Date: 2017-06-29
River Mile: 1.9	Location: E. FK. MILL CREEK NEAR WEST CHESTER @ ALLEN RD.	
Time Fished: 1800 sec	Drainage: 8.1 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Mill Creek	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	12	24.00	3.60	0.00	#Error	0.00
Creek Chub		G	N	T	10	20.00	3.00	0.00	#Error	0.00
Central Stoneroller		H	N	N	52	104.00	15.62	0.00	#Error	0.00
Yellow Bullhead		I	C	T	1	2.00	0.30	0.00	#Error	0.00
Largemouth Bass		C	C	N	9	18.00	2.70	0.00	#Error	0.00
Green Sunfish		I	C	T	63	126.00	18.92	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	133	266.00	39.94	0.00	#Error	0.00
Johnny Darter		I	C	N	2	4.00	0.60	0.00	#Error	0.00
Orangethroat Darter		I	S	N	51	102.00	15.32	0.00	#Error	0.00
		Data Totals:			333	666.00		0.00		
		Number of Species:			9					
		Number of Hybrids:			0					

River Code: 23-006-000	Stream: EAST FORK MILL CREEK	Sample Date: 2014-07-17
River Mile: 1.2	Location: E. FK. MILL CREEK UPST. BUTLER CO. UPPER MILL CREEK WWTP	
Time Fished: 1800 sec	Drainage: 9.0 sq mi Depth:	Data Source:
Dist Fished: 0.16 km	Basin: Mill Creek Flow: N	Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	1	1.89	0.15	0.00	0.00	0.00
Creek Chub		G	N	T	15	28.30	2.30	0.00	0.00	0.00
Central Stoneroller		H	N	N	391	737.74	59.88	0.00	0.00	0.00
Yellow Bullhead		I	C	T	3	5.66	0.46	0.00	0.00	0.00
Black Bullhead		I	C	P	1	1.89	0.15	0.00	0.00	0.00
Largemouth Bass		C	C	N	4	7.55	0.61	0.00	0.00	0.00
Green Sunfish		I	C	T	44	83.02	6.74	0.00	0.00	0.00
Bluegill Sunfish		I	C	P	156	294.34	23.89	0.00	0.00	0.00
Johnny Darter		I	C	N	15	28.30	2.30	0.00	0.00	0.00
Rainbow Darter		I	S	M	23	43.40	3.52	0.00	0.00	0.00
		Data Totals:			653	1232.08		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

River Code: 23-006-000	Stream: EAST FORK MILL CREEK	Sample Date: 2017-06-29
River Mile: 1.2	Location: E. FK. MILL CREEK UPST. BUTLER CO. UPPER MILL CREEK WWTP	
Time Fished: 1800 sec	Drainage: 9.0 sq mi	Depth:
Dist Fished: 0.15 km	Basin: Mill Creek	Flow: N
		Data Source:
		Sampler Type: E

Species Name	IBI GRP	Feed Guild	Breed Guild	Tol	# of Fish	Relative Number	% by Number	Relative Weight	% by Weight	Ave Weight (gm)
White Sucker		O	S	T	7	14.00	7.87	0.00	#Error	0.00
Common Carp		O	M	T	7	14.00	7.87	0.00	#Error	0.00
Creek Chub		G	N	T	2	4.00	2.25	0.00	#Error	0.00
Bluntnose Minnow		O	C	T	8	16.00	8.99	0.00	#Error	0.00
Central Stoneroller		H	N	N	2	4.00	2.25	0.00	#Error	0.00
Yellow Bullhead		I	C	T	3	6.00	3.37	0.00	#Error	0.00
Largemouth Bass		C	C	N	6	12.00	6.74	0.00	#Error	0.00
Green Sunfish		I	C	T	20	40.00	22.47	0.00	#Error	0.00
Bluegill Sunfish		I	C	P	30	60.00	33.71	0.00	#Error	0.00
Orangethroat Darter		I	S	N	4	8.00	4.49	0.00	#Error	0.00
		Data Totals:			89	178.00		0.00		
		Number of Species:			10					
		Number of Hybrids:			0					

Appendix D
Invertebrate Community Index (ICI) Scores and Metrics

1806-Grant Year 2016 319 Projects (Pre-Project Monitoring)

River Mile	Drainage Area (sq mi)	Number of					Percent:					Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis- flies	Tany- tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT		
CHAGRIN RIVER (15-001)													
Year: 2016													
19.7	157.0	46(6)	8(4)	7(6)	16(4)	6.8(2)	26.0(6)	35.2(6)	29.8(4)	6.4(6)	21(6)	EOLP	48

1806-Grant Year 2016 319 Projects (Pre-Project Monitoring)

River Mile	Drainage Area (sq mi)	Number of				Percent:						Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddisflies	Tanytarsini	Other Dip/NI	Tolerant Orgms	Qual EPT		
MILL CREEK (23-001)													
Year: 2016													
7.9	121.0	39(6)	4(2)	6(6)	18(4)	19.3(4)	45.1(6)	4.0(2)	30.0(4)	3.8(6)	13(4)	IP	44

1804-Miscellaneous Sampling 2016

River Mile	Drainage Area (sq mi)	Number of					Percent:					Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis-flies	Tany-tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT		
SCIOTO RIVER (02-001)													
Year: 2009													
131.8	1614.0	5(0)	0(0)	0(0)	2(0)	0.0(0)	0.0(0)	0.0(0)	100.0(0)	0.0(0)	0(0)	ECBP	0
SCIOTO RIVER (02-001)													
Year: 2016													
131.4	1614.0	35(6)	9(6)	9(6)	11(6)	12.9(4)	9.6(2)	44.9(6)	32.3(0)	9.4(0)	26(6)	ECBP	42

1809-Olentangy River (Delaware Dam Removals) 2016

River Mile	Drainage Area (sq mi)	Number of					Percent:						Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis-flies	Tany-tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT			
OLENTANGY RIVER (02-400)														
Year: 2005														
28.2	409.0	33(4)	1(0)	2(2)	20(6)	0.4(2)	10.6(2)	5.0(2)	83.1(0)	16.9(4)	8(2)	ECBP	20	
27.5	411.0	24(4)	5(2)	7(6)	6(2)	26.3(4)	44.6(6)	2.3(2)	25.2(4)	0.0(6)	31(6)	ECBP	42	
26.0	421.0	31(4)	7(4)	2(2)	14(4)	9.1(2)	6.1(2)	6.3(2)	76.5(0)	4.5(6)	8(2)	ECBP	26	
25.8	421.1	39(6)	4(2)	3(4)	19(6)	32.6(6)	4.7(2)	3.5(2)	58.3(0)	6.8(6)	7(2)	ECBP	32	
25.4	431.0	26(4)	7(4)	7(6)	9(2)	16.3(4)	67.7(6)	2.7(2)	13.3(6)	0.5(6)	28(6)	ECBP	46	
OLENTANGY RIVER (02-400)														
Year: 2006														
25.8	421.1	36(6)	10(6)	7(6)	13(4)	52.8(6)	24.6(4)	8.0(2)	14.1(6)	0.0(6)	22(6)	ECBP	52	
25.4	431.0	45(6)	9(6)	10(6)	15(6)	47.7(6)	26.0(4)	4.6(2)	21.0(6)	0.8(6)	24(6)	ECBP	54	
OLENTANGY RIVER (02-400)														
Year: 2009														
27.5	411.0	41(6)	9(6)	9(6)	17(6)	36.8(6)	33.2(6)	1.1(2)	28.2(4)	0.3(6)	33(6)	ECBP	54	
26.0	421.0	47(6)	10(6)	10(6)	18(6)	27.8(4)	20.5(4)	3.6(2)	47.9(0)	5.0(6)	26(6)	ECBP	44	
25.8	421.1	41(6)	8(4)	7(6)	15(6)	31.3(6)	30.1(6)	5.1(2)	32.2(4)	0.1(6)	31(6)	ECBP	52	
25.4	431.0	50(6)	12(6)	7(6)	21(6)	27.8(4)	31.3(6)	7.0(2)	33.7(4)	1.0(6)	23(6)	ECBP	52	
OLENTANGY RIVER (02-400)														
Year: 2011														
32.1	393.0	19(2)	3(2)	6(6)	4(0)	0.0(2)	10.3(2)	73.8(6)	15.8(6)	0.5(6)	18(6)	ECBP	38	
28.1	410.0	31(4)	8(4)	4(4)	13(4)	30.0(6)	36.7(6)	1.1(2)	31.6(4)	0.3(6)	30(6)	ECBP	46	
27.5	411.0	31(4)	10(6)	6(6)	8(2)	22.3(4)	41.3(6)	2.0(2)	33.7(4)	1.0(6)	32(6)	ECBP	46	
OLENTANGY RIVER (02-400)														
Year: 2016														
28.1	410.0	32(4)	8(4)	4(4)	13(4)	24.3(4)	21.4(4)	4.4(2)	48.3(0)	0.0(6)	23(6)	ECBP	38	
26.0	421.0	32(4)	9(6)	6(6)	8(2)	49.8(6)	20.8(4)	0.7(2)	27.3(4)	0.0(6)	25(6)	ECBP	46	
25.8	421.1	38(6)	10(6)	8(6)	13(4)	37.0(6)	23.9(4)	2.6(2)	35.6(2)	0.0(6)	26(6)	ECBP	48	
22.5	445.0	38(6)	10(6)	6(6)	13(4)	64.3(6)	16.6(4)	2.3(2)	15.7(6)	0.0(6)	27(6)	ECBP	52	

1823-Grant Year 2017 319 Projects (Pre-Project Monitoring)

River Mile	Drainage Area (sq mi)	Number of					Percent:					Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis-flies	Tany-tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT		
GRAND RIVER (03-001)													
Year: 2017													
6.8	687.0	48(6)	12(6)	6(6)	22(6)	25.3(4)	23.6(4)	19.8(4)	30.8(2)	4.5(6)	27(6)	EOLP	46

1823-Grant Year 2017 319 Projects (Pre-Project Monitoring)

River Mile	Drainage Area (sq mi)	Number of					Percent:					Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis-flies	Tany-tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT		
MILL CREEK (23-001)													
Year: 2017													
13.4	72.2	47(6)	4(2)	7(6)	23(6)	7.4(2)	65.8(6)	7.1(2)	18.5(6)	2.4(6)	9(2)	IP	44

1823-Grant Year 2017 319 Projects (Pre-Project Monitoring)

River Mile	Drainage Area (sq mi)	Number of					Percent:					Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis-flies	Tany-tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT		
EAST BRANCH CHAGRIN RIVER (15-002)													
Year: 2017													
13.1	19.5	49(6)	9(6)	4(6)	33(6)	3.0(2)	6.1(6)	35.2(6)	55.5(2)	7.9(6)	14(6)	EOLP	50

1823-Grant Year 2017 319 Projects (Pre-Project Monitoring)

River Mile	Drainage Area (sq mi)	Number of					Percent:						Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis-flies	Tany-tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT			
CHAGRIN RIVER (15-001)														
Year: 2017														
28.6	60.0	45(6)	9(6)	5(6)	24(6)	9.0(2)	1.5(2)	41.4(6)	47.8(2)	3.0(6)	15(6)	EOLP	48	
18.1	163.0	49(6)	10(6)	4(4)	21(6)	16.8(4)	3.2(2)	25.1(4)	52.1(2)	7.4(6)	12(4)	EOLP	42	

1826-Grant Year 2015 319 Projects (Post-Project Monitoring)

River Mile	Drainage Area (sq mi)	Number of					Percent:						Eco Rgn	ICI
		Total Taxa	Mayfly Taxa	Caddisfly Taxa	Dipteran Taxa	Mayflies	Caddis-flies	Tany-tarsini	Other Dip/NI	Tolerant Orgms	Qual EPT			
ROCKY RIVER (13-001)														
Year: 2014														
1.8	292.0	37(6)	6(4)	5(6)	15(4)	7.8(2)	39.8(6)	23.8(4)	27.1(4)	0.8(6)	15(4)	EOLP	46	
ROCKY RIVER (13-001)														
Year: 2017														
1.8	292.0	48(6)	7(4)	5(6)	23(6)	9.2(2)	2.2(2)	42.9(6)	45.6(2)	2.0(6)	10(2)	EOLP	42	

Appendix E
Macroinvertebrate Collection Results

Grant Year 2014 319 Projects (Post-Project Monitoring)

Station: 302671

BALDWIN RUN AT LANCASTER, DST. EWING RUN/FETTER RUN

0:00 8/4/16

Rivercode: 01-046-000

River Mile: 0.70

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
61	13	9	1	61		9		Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+ 85821 Tanytarsus glabrescens group sp 7
01900 Nemertea	+ 89700 Limnophora sp
03360 Plumatella sp	+ 95100 Physella sp
03600 Oligochaeta	+ 96002 Helisoma anceps anceps
04664 Helobdella stagnalis	+ 96900 Ferrissia sp
04935 Erpobdella punctata punctata	+ 98600 Sphaerium sp
08260 Faxonius sanbornii sanbornii	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
13590 Maccaffertium vicarium	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
23909 Boyeria vinosa	+
50315 Chimarra obscura	+
51600 Polycentropus group	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
59310 Mystacides sepulchralis	+
60400 Gyrimus sp	+
66500 Enochrus sp	+
67800 Tropisternus sp	+
68075 Psephenus herricki	+
68601 Ancyronyx variegatus	+
68707 Dubiraphia quadrinotata	+
68901 Macronychus glabratus	+
69400 Stenelmis sp	+
70600 Antocha sp	+
71900 Tipula sp	+
72340 Dixella sp	+
72700 Anopheles sp	+
77500 Conchapelopia sp	+
77800 Helopelopia sp	+
78350 Meropelopia sp	+
78401 Natarsia species A (sensu Roback, 1978)	+
80420 Cricotopus (C.) bicinctus	+
80430 Cricotopus (C.) tremulus group	+
81825 Rheocricotopus (Psilocricotopus) robacki	+
82220 Tvetenia discoloripes group	+
82820 Cryptochironomus sp	+
83040 Dicrotendipes neomodestus	+
83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980)	+
84210 Paratendipes albimanus or P. duplicatus	+
84300 Phaenopsectra obediens group	+
84450 Polypedilum (Uresipedilum) flavum	+
84460 Polypedilum (P.) fallax group	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
85800 Tanytarsus sp	+

Rivercode: 01-046-000

River Mile: 0.19

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
56	13	10	0	56		10		Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04686 Placobdella papillifera	+
04935 Erpobdella punctata punctata	+
06700 Crangonyx sp	+
08260 Faxonius sanbornii sanbornii	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
13590 Maccaffertium vicarium	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
23909 Boyeria vinosa	+
50315 Chimarra obscura	+
51600 Polycentropus group	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
59310 Mystacides sepulchralis	+
59720 Triaenodes ignitus	+
60900 Peltodytes sp	+
68075 Psephenus herricki	+
68130 Helichus sp	+
68601 Ancyronyx variegatus	+
68707 Dubiraphia quadrinotata	+
69400 Stenelmis sp	+
70600 Antocha sp	+
71700 Palaria sp	+
71900 Tipula sp	+
72700 Anopheles sp	+
77500 Conchapelopia sp	+
77800 Helopelopia sp	+
80420 Cricotopus (C.) bicinctus	+
81825 Rheocricotopus (Psilocricotopus) robacki	+
82820 Cryptochironomus sp	+
83003 Dicrotendipes fumidus	+
83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980)	+
84210 Paratendipes albimanus or P. duplicatus	+
84450 Polypedilum (Uresipedilum) flavum	+
84460 Polypedilum (P.) fallax group	+
84540 Polypedilum (Tripodura) scalaenum group	+
84750 Stictochironomus sp	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
85720 Stempellinella fimbriata	+
85800 Tanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
95100 Physella sp	+
96002 Helisoma anceps anceps	+
96900 Ferrissia sp	+
98200 Pisidium sp	+
98600 Sphaerium sp	+

Rivercode: 01-046-001

River Mile: 0.17

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
49	12	9	1	49		9		Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
04901 Erpobdellidae	+
06700 Crangonyx sp	+
08260 Faxonius sanbornii sanbornii	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
13590 Maccaffertium vicarium	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
23600 Aeshna sp	+
23909 Boyeria vinosa	+
50315 Chimarra obscura	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
59310 Mystacides sepulchralis	+
59720 Triaenodes ignitus	+
63300 Hydroporini	+
67700 Paracymus sp	+
68075 Psephenus herricki	+
68708 Dubiraphia vittata group	+
69210 Optioservus ovalis	+
69400 Stenelmis sp	+
71900 Tipula sp	+
72340 Dixella sp	+
72700 Anopheles sp	+
77800 Helopelopia sp	+
80420 Cricotopus (C.) bicinctus	+
81650 Parametricnemus sp	+
81690 Paratrichocladius sp	+
81825 Rheocricotopus (Psilocricotopus) robacki	+
82820 Cryptochironomus sp	+
83040 Dicrotendipes neomodestus	+
84450 Polypedilum (Uresipedilum) flavum	+
84540 Polypedilum (Tripodura) scalaenum group	+
84800 Tribelos jucundum	+
85625 Rheotanytarsus sp	+
85710 Stempellinella sp	+
85800 Tanytarsus sp	+
95100 Physella sp	+
96900 Ferrissia sp	+
98200 Pisidium sp	+
98600 Sphaerium sp	+

Rivercode: 01-047-000

River Mile: 1.15

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
42	12	6	1	42		6		Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04930 Erpobdella sp	+
04935 Erpobdella punctata punctata	+
08260 Faxonius sanbornii sanbornii	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
11250 Neocloeon sp	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
13590 Maccaffertium vicarium	+
17200 Caenis sp	+
21200 Calopteryx sp	+
23909 Boyeria vinosa	+
50315 Chimarra obscura	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
59310 Mystacides sepulchralis	+
68075 Psephenus herricki	+
68130 Helichus sp	+
68601 Ancyronyx variegatus	+
68708 Dubiraphia vittata group	+
68901 Macronychus glabratus	+
69400 Stenelmis sp	+
71900 Tipula sp	+
74100 Simulium sp	+
77500 Conchapelopia sp	+
81650 Parametrioconemus sp	+
82820 Cryptochironomus sp	+
84210 Paratendipes albimanus or P. duplicatus	+
84450 Polypedilum (Uresipedilum) flavum	+
84540 Polypedilum (Tripodura) scalaenum group	+
84750 Stictochironomus sp	+
85625 Rheotanytarsus sp	+
85801 Tanytarsus sp 1	+
85821 Tanytarsus glabrescens group sp 7	+
87190 Odontomyia (Catatasina) sp	+
95100 Physella sp	+
96900 Ferrissia sp	+
98600 Sphaerium sp	+

Rivercode: 01-047-000

River Mile: 1.15

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
56	11	10	2	56		10		Marginally Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
01900 Nemertea	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04901 Erpobdellidae	+
06700 Crangonyx sp	+
08255 Faxonius rusticus x sanbornii	+
08260 Faxonius sanbornii sanbornii	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
13590 Maccaffertium vicarium	+
21200 Calopteryx sp	+
22300 Argia sp	+
23905 Boyeria grafiana	+
23909 Boyeria vinosa	+
50315 Chimarra obscura	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
53501 Hydroptilidae	+
59300 Mystacides sp	+
68075 Psephenus herricki	+
69400 Stenelmis sp	+
70600 Antocha sp	+
71100 Hexatoma sp	+
72700 Anopheles sp	+
74100 Simulium sp	+
74501 Ceratopogonidae	+
77120 Ablabesmyia mallochi	+
77800 Helopelopia sp	+
78655 Procladius (Holotanypus) sp	+
80410 Cricotopus (C.) sp	+
80420 Cricotopus (C.) bicinctus	+
80430 Cricotopus (C.) tremulus group	+
80440 Cricotopus (C.) trifascia	+
80740 Eukiefferiella claripennis group	+
82101 Thienemanniella taurocapita	+
82710 Chironomus (C.) sp	+
82730 Chironomus (C.) decorus group	+
82820 Cryptochironomus sp	+
84300 Phaenopsectra obediens group	+
84440 Polypedilum (Uresipedilum) aviceps	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
85800 Tanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
87540 Hemerodromia sp	+
94400 Fossaria sp	+
95100 Physella sp	+
96900 Ferrissia sp	+
98600 Sphaerium sp	+

Rivercode: 02-001-000

River Mile: 131.40

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
58	26	25	0	66	13,027	28	42	N/A	0.20 LOW
Taxa		Quant/Qual							
00401	Spongillidae			+	84700	Stenochironomus sp			+
01801	Turbellaria			32+	85625	Rheotanytarsus sp			5,844+
03360	Plumatella sp			80+	85800	Tanytarsus sp			+
03451	Urnatella gracilis			+	85840	Tanytarsus sepp			+
03600	Oligochaeta			1,024+	87501	Empididae			8
08250	Faxonius rusticus			+	93900	Elimia sp			+
08601	Hydrachnidia			+	96900	Ferrissia sp			8+
11118	Plauditus dubius			+	97601	Corbicula fluminea			+
11123	Labiobaetis dardanus			+	99240	Lasmigona complanata			+
11130	Baetis intercalaris			99+	99400	Quadrula quadrula			+
11200	Callibaetis sp			+					
11650	Procloeon sp (w/ hindwing pads)			+					
12200	Isonychia sp			+					
13000	Leucrocuta sp			2+					
13100	Nixe sp			+					
13400	Stenacron sp			89+					
13510	Maccaffertium exiguum			4+					
13521	Stenonema femoratum			74+					
13561	Maccaffertium pulchellum			140+					
13570	Maccaffertium terminatum			142+					
16700	Tricorythodes sp			1,099+					
17200	Caenis sp			32+					
18100	Anthopotamus sp			+					
18600	Ephemera sp			+					
22300	Argia sp			+					
50315	Chimarra obscura			50+					
51206	Cyrnellus fraternus			34+					
52200	Cheumatopsyche sp			593+					
52430	Ceratopsyche morosa group			203+					
52560	Hydropsyche orris			322+					
52570	Hydropsyche simulans			15					
52580	Hydropsyche valanis			3+					
52801	Potamyia flava			27					
53400	Protophila sp			+					
53800	Hydroptila sp			+					
57400	Neophylax sp			+					
59140	Ceraclea maculata			3					
59970	Petrophila sp			1+					
68075	Psephenus herricki			+					
69400	Stenelmis sp			48+					
77120	Ablabesmyia mallochi			+					
77800	Helopelopia sp			+					
78450	Nilotanytus fimbriatus			80					
80410	Cricotopus (C.) sp			283+					
80510	Cricotopus (Isocladius) sylvestris group			+					
81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"			94					
81240	Nanocladius (N.) distinctus			189					
82130	Thienemanniella similis			144+					
82730	Chironomus (C.) decorus group			+					
82820	Cryptochironomus sp			+					
83040	Dicrotendipes neomodestus			94+					
83300	Glyptotendipes (G.) sp			471+					
84000	Parachironomus sp			+					
84040	Parachironomus frequens			471					
84300	Phaenopsectra obediens group			+					
84450	Polypedilum (Uresipedilum) flavum			1,225+					

Rivercode: 02-123-001

River Mile: 1.50

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
48	9	8	1	48		8		Marginally Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04964 Erpobdella microstoma	+
08250 Faxonius rusticus	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
13521 Stenonema femoratum	+
22001 Coenagrionidae	+
22300 Argia sp	+
23600 Aeshna sp	+
25510 Stylogomphus albistylus	+
44501 Corixidae	+
50315 Chimarra obscura	+
51600 Polycentropus group	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
66200 Cymbiodyta sp	+
68075 Psephenus herricki	+
69400 Stenelmis sp	+
71900 Tipula sp	+
72700 Anopheles sp	+
74100 Simulium sp	+
74501 Ceratopogonidae	+
77120 Ablabesmyia mallochi	+
77500 Conchapelopia sp	+
77750 Thienemannimyia sp	+
77800 Helopelopia sp	+
78601 Pentaneura inyoensis	+
78655 Procladius (Holotanypus) sp	+
81650 Parametrioctenemus sp	+
82200 Tvetenia bavarica group	+
82820 Cryptochironomus sp	+
84300 Phaenopsectra obediens group	+
84460 Polypedilum (P.) fallax group	+
84470 Polypedilum (P.) illinoense	+
84750 Stictochironomus sp	+
85261 Cladotanytarsus vanderwulpi	+
85500 Paratanytarsus sp	+
85720 Stempellinella fimbriata	+
85800 Tanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
94400 Fossaria sp	+
95100 Physella sp	+
96900 Ferrissia sp	+

Rivercode: 02-130-009

River Mile: 3.03

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
43	7	6	1	43		6		Fair	ABOVE NO

Taxa	Quant/Qual
01801 Turbellaria	+
01900 Nemertea	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
08200 Faxonius sp	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
53501 Hydroptilidae	+
59405 Nectopsyche albida	+
68707 Dubiraphia quadrinotata	+
69400 Stenelmis sp	+
70600 Antocha sp	+
71900 Tipula sp	+
74100 Simulium sp	+
77500 Conchapelopia sp	+
77750 Thienemannimyia sp	+
77800 Helopelopia sp	+
80410 Cricotopus (C.) sp	+
80420 Cricotopus (C.) bicinctus	+
81690 Paratrichocladius sp	+
81825 Rheocricotopus (Psilocricotopus) robacki	+
82200 Tvetenia bavarica group	+
82820 Cryptochironomus sp	+
84210 Paratendipes albimanus or P. duplicatus	+
84440 Polypedilum (Uresipedilum) aviceps	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
85500 Paratanytarsus sp	+
85615 Rheotanytarsus pellucidus	+
85625 Rheotanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
89001 Sciomyzidae	+
95100 Physella sp	+
96002 Helisoma anceps anceps	+
96900 Ferrissia sp	+

Rivercode: 02-204-001

River Mile: 7.00

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
36	1	1	0	36		1			ABOVE NO

Taxa	Quant/Qual
00653 Eunapius fragilis	+
01801 Turbellaria	+
03600 Oligochaeta	+
04637 Placobdella phalera	+
04661 Helobdella elongata	+
06201 Hyalella sp	+
07880 Lacunicambarus thomai	+
08601 Hydrachnidia	+
17200 Caenis sp	+
22001 Coenagrionidae	+
23700 Anax sp	+
28955 Plathemis lydia	+
42700 Belostoma sp	+
45300 Sigara sp	+
45400 Trichocorixa sp	+
45900 Notonecta sp	+
60900 Peltodytes sp	+
65800 Berosus sp	+
67800 Tropisternus sp	+
78655 Procladius (Holtanypus) sp	+
79020 Tanytus neopunctipennis	+
80510 Cricotopus (Isocladius) sylvestris group	+
81700 Psectrocladius sp	+
82730 Chironomus (C.) decorus group	+
82820 Cryptochironomus sp	+
83002 Dicrotendipes modestus	+
83003 Dicrotendipes fumidus	+
83040 Dicrotendipes neomodestus	+
83111 Einfeldia nr. natchitochaeae	+
83300 Glyptotendipes (G.) sp	+
92615 Cipangopaludina japonica	+
95100 Physella sp	+
96002 Helisoma anceps anceps	+
97601 Corbicula fluminea	+
98600 Sphaerium sp	+
99120 Utterbackia imbecillis	+

Rivercode: 02-400-000

River Mile: 28.10

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
51	23	21	0	62	1,216	23	38	N/A	0.90 NORMAL

Taxa	Quant/Qual	
01801 Turbellaria	5+	85821 Tanytarsus glabrescens group sp 7 48
03360 Plumatella sp	1+	93200 Hydrobiidae +
03600 Oligochaeta	+	93900 Elimia sp 5+
05900 Lirceus sp	+	96900 Ferrissia sp +
06700 Crangonyx sp	+	96930 Laevapex fuscus +
08250 Faxonius rusticus	+	97601 Corbicula fluminea +
11020 Acerpenna pygmaea	1	
11118 Plauditus dubius	1+	
11120 Baetis flavistriga	57+	
11121 Labiobaetis sp	+	
11130 Baetis intercalaris	182+	
11670 Procloeon viridoculare	+	
13000 Leucrocota sp	+	
13400 Stenacron sp	41+	
13521 Stenonema femoratum	1+	
13561 Maccaffertium pulchellum	3+	
13570 Maccaffertium terminatum	+	
16700 Tricorythodes sp	10+	
17200 Caenis sp	+	
18600 Ephemera sp	+	
22001 Coenagrionidae	+	
22300 Argia sp	+	
34715 Agnetina flavescens	12+	
48410 Corydalus cornutus	+	
50315 Chimarra obscura	+	
52200 Cheumatopsyche sp	125+	
52430 Ceratopsyche morosa group	111+	
52530 Hydropsyche depravata group	5+	
52620 Macrostemum zebratum	+	
53400 Protoptila sp	+	
53800 Hydroptila sp	19+	
57400 Neophylax sp	+	
58505 Helicopsyche borealis	+	
59970 Petrophila sp	1+	
60900 Peltodytes sp	+	
68075 Psephenus herricki	+	
68901 Macronychus glabratus	1	
69400 Stenelmis sp	5+	
77800 Helopelopia sp	+	
78450 Nilotanytus fimbriatus	21	
80310 Cardiocladius obscurus	18+	
80360 Corynoneura floridaensis	4+	
80370 Corynoneura lobata	6	
81231 Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	18+	
81250 Nanocladius (N.) minimus	6	
82101 Thienemanniella taurocapita	29	
82121 Thienemanniella lobapodema	2	
82730 Chironomus (C.) decorus group	+	
82820 Cryptochironomus sp	+	
83040 Dicrotendipes neomodestus	18	
83300 Glyptotendipes (G.) sp	+	
84010 Parachironomus abortivus (sensu Simpson & Bode, 198	6	
84210 Paratendipes albimanus or P. duplicatus	+	
84450 Polypedilum (Uresipedilum) flavum	448+	
84700 Stenochironomus sp	+	
85625 Rheotanytarsus sp	6	

Rivercode: 02-400-000

River Mile: 26.00

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Taxa	ICI	Narrative	Flow
67	25	24	0	77	2,192	29	46	N/A	1.00 NORMAL

Taxa	Quant/Qual		
01320 Hydra sp	2	83040 Dicrotendipes neomodestus	4+
01801 Turbellaria	271+	83300 Glyptotendipes (G.) sp	+
03360 Plumatella sp	1+	83310 Glyptotendipes (Heynotendipes) chelonia	+
03600 Oligochaeta	+	84450 Polypedilum (Uresipedilum) flavum	222+
05800 Caecidotea sp	+	84470 Polypedilum (P.) illinoense	+
06201 Hyalella sp	+	85201 Cladotanytarsus species group A	+
08250 Faxonius rusticus	1	85264 Cladotanytarsus vanderwulpi group sp 4	4
08601 Hydrachnidia	+	85265 Cladotanytarsus vanderwulpi group sp 5	+
11020 Acerpenna pygmaea	31+	85800 Tanytarsus sp	+
11118 Plauditus dubius	30+	85821 Tanytarsus glabrescens group sp 7	11+
11120 Baetis flavistriga	16+	85840 Tanytarsus sepp	+
11130 Baetis intercalaris	638+	92615 Cipangopaludina japonica	+
11200 Callibaetis sp	+	93200 Hydrobiidae	+
11670 Procloeon viridoculare	+	93900 Elimia sp	12+
13000 Leucrocota sp	29+	95100 Physella sp	+
13100 Nixe sp	+	95907 Gyraululus (Torquis) parvus	+
13400 Stenacron sp	29+	96120 Menetus (Micromenetus) dilatatus	+
13521 Stenonema femoratum	+	96930 Laevapex fuscus	+
13561 Maccaffertium pulchellum	295+	97601 Corbicula fluminea	+
13570 Maccaffertium terminatum	1	98600 Sphaerium sp	+
16700 Tricorythodes sp	23+	99001 Unionidae	+
17200 Caenis sp	+		
18600 Ephemera sp	+		
22001 Coenagrionidae	+		
22300 Argia sp	+		
34715 Agnetina flavescens	18+		
48410 Corydalus cornutus	1		
50315 Chimarra obscura	36+		
50906 Psychomyia flavida	+		
52200 Cheumatopsyche sp	304+		
52430 Ceratopsyche morosa group	112+		
52530 Hydropsyche depravata group	1		
52540 Hydropsyche dicantha	+		
52590 Hydropsyche venularis	1		
52620 Macrostemum zebratum	+		
53400 Protophila sp	2+		
53501 Hydroptilidae	+		
57400 Neophylax sp	+		
58505 Helicopsyche borealis	+		
59970 Petrophila sp	8+		
65800 Berosus sp	+		
68075 Psephenus herricki	+		
68708 Dubiraphia vittata group	+		
69400 Stenelmis sp	4+		
72700 Anopheles sp	+		
74100 Simulium sp	+		
77120 Ablabesmyia mallochii	+		
77800 Helopelopia sp	7+		
78450 Nilotanytus fimbriatus	32		
78655 Procladius (Holotanytus) sp	+		
80310 Cardiocladius obscurus	+		
80370 Corynoneura lobata	2		
81280 Nanocladius (Plecopteracoluthus) downesi	+		
82101 Thienemanniella taurocapita	44		
82730 Chironomus (C.) decorus group	+		
82820 Cryptochironomus sp	+		

Rivercode: 02-400-000

River Mile: 25.80

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Taxa	ICI	Narrative	Flow
54	26	23	0	71	3,001	31	48	N/A	0.80 NORMAL

Taxa	Quant/Qual		
01320 Hydra sp	8	82101 Thienemanniella taurocapita	76
01801 Turbellaria	371+	82130 Thienemanniella similis	4
03360 Plumatella sp	1	82220 Tvetenia discoloripes group	10
03600 Oligochaeta	+	82730 Chironomus (C.) decorus group	+
05900 Lirceus sp	+	82820 Cryptochironomus sp	+
06201 Hyalella sp	+	83040 Dicrotendipes neomodestus	+
08250 Faxonius rusticus	+	83300 Glyptotendipes (G.) sp	+
11020 Acerpenna pygmaea	6+	84450 Polypedilum (Uresipedilum) flavum	423+
11118 Plauditus dubius	25+	84490 Polypedilum (Cerobregma) ontario	2
11120 Baetis flavistriga	47+	84700 Stenochironomus sp	10+
11130 Baetis intercalaris	771+	85265 Cladotanytarsus vanderwulpi group sp 5	+
11650 Procloeon sp (w/hindwing pads)	+	85821 Tanytarsus glabrescens group sp 7	79
11670 Procloeon viridoculare	+	93900 Elimia sp	23+
12200 Isonychia sp	+	96930 Laevapex fuscus	+
13000 Leucrocuta sp	1+	97601 Corbicula fluminea	+
13400 Stenacron sp	17+		
13521 Stenonema femoratum	+		
13550 Maccaffertium mexicanum integrum	1		
13561 Maccaffertium pulchellum	118+		
13570 Maccaffertium terminatum	4		
16700 Tricorythodes sp	119+		
17200 Caenis sp	+		
18600 Ephemera sp	+		
22001 Coenagrionidae	+		
22300 Argia sp	+		
34300 Neoperla sp	+		
34715 Agnetina flavescens	12+		
43300 Ranatra sp	+		
50315 Chimarra obscura	1+		
50906 Psychomyia flavida	4		
51001 Polycentropodidae	4		
52200 Cheumatopsyche sp	402+		
52430 Ceratopsyche morosa group	283+		
52540 Hydropsyche dicantha	+		
52620 Macrostemum zebratum	+		
53400 Protophila sp	1+		
53800 Hydroptila sp	20+		
57400 Neophylax sp	+		
58505 Helicopsyche borealis	1+		
59300 Mystacides sp	+		
59970 Petrophila sp	15+		
60900 Peltodytes sp	+		
65800 Berosus sp	+		
68075 Psephenus herricki	+		
68708 Dubiraphia vittata group	+		
69400 Stenelmis sp	3+		
72700 Anopheles sp	+		
77120 Ablabesmyia mallochi	+		
77750 Thienemannimyia sp	+		
78450 Nilotanypus fimbriatus	48		
78655 Procladius (Holotanypus) sp	+		
78750 Rheopelopia paramaculipennis	20		
80370 Corynoneura lobata	12		
80410 Cricotopus (C.) sp	10		
81229 Nanocladius (N.) crassicornus	39		
81250 Nanocladius (N.) minimus	10		

Rivercode: 02-400-000

River Mile: 22.50

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
64	27	25	0	69	4,339	27	52	N/A	1.10 NORMAL

Taxa	Quant/Qual
00401 Spongillidae	+ 84450 Polypedilum (Uresipedilum) flavum 415+
01320 Hydra sp	32 84540 Polypedilum (Tripodura) scalaenum group 7+
01801 Turbellaria	50+ 85264 Cladotanytarsus vanderwulpi group sp 4 +
03360 Plumatella sp	+ 85265 Cladotanytarsus vanderwulpi group sp 5 7+
03600 Oligochaeta	+ 85625 Rheotanytarsus sp 64+
04964 Erpobdella microstoma	+ 85720 Stempellinella fimbriata 8+
05900 Lirceus sp	+ 85821 Tanytarsus glabrescens group sp 7 21+
06201 Hyalella sp	+ 85840 Tanytarsus sepp +
08250 Faxonius rusticus	+ 93900 Elimia sp 23+
11020 Acerpenna pygmaea	25+ 95100 Physella sp +
11118 Plauditus dubius	138+ 96930 Laevapex fuscus +
11120 Baetis flavistriga	25+ 97601 Corbicula fluminea 1+
11130 Baetis intercalaris	1,704+ 98600 Sphaerium sp 1+
11650 Procloeon sp (w/ hindwing pads)	+
11670 Procloeon viridoculare	+
12200 Isonychia sp	2+
13000 Leucrocuta sp	7+
13400 Stenacron sp	171+
13521 Stenonema femoratum	+
13561 Maccaffertium pulchellum	707+
16700 Tricorythodes sp	10+
17200 Caenis sp	+
18600 Ephemera sp	1+
21300 Hetaerina sp	+
22001 Coenagrionidae	+
22300 Argia sp	7+
34715 Agnetina flavescens	19+
44501 Corixidae	+
50315 Chimarra obscura	16+
52200 Cheumatopsyche sp	285+
52430 Ceratopsyche morosa group	328+
52510 Hydropsyche aerata	+
52590 Hydropsyche venularis	75+
53400 Protophila sp	+
53800 Hydroptila sp	13+
54000 Leucotrichia pictipes	+
57400 Neophylax sp	+
58505 Helicopsyche borealis	5+
59150 Ceraclea resurgens or C. transversa	+
59740 Triaenodes perna	+
59970 Petrophila sp	17+
68075 Psephenus herricki	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	3+
71300 Limonia sp	+
77120 Ablabesmyia mallochi	+
77800 Helopelopia sp	14+
78450 Nilotanytus fimbriatus	60
78655 Procladius (Holotanytus) sp	+
78750 Rheopelopia paramaculipennis	14
80370 Corynoneura lobata	28
81231 Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	7+
82101 Thienemanniella taurocapita	8
82820 Cryptochironomus sp	+
82885 Cryptotendipes pseudotener	+
83040 Dicrotendipes neomodestus	21+

Rivercode: 03-001-000

River Mile: 6.78

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
64	27	31	0	84	3,611	38	46		0.50 LOW
Taxa		Quant/Qual							
01801	Turbellaria	+	80351	Corynoneura caudicula					32
03121	Paludicella articulata	+	80360	Corynoneura floridaensis					16
03360	Plumatella sp	+	80370	Corynoneura lobata					152+
03600	Oligochaeta	136+	80420	Cricotopus (C.) bicinctus					20
04930	Erpobdella sp	+	80430	Cricotopus (C.) tremulus group					159
05800	Caecidotea sp	+	81231	Nanocladius (N.) crassicornus or N. (N.) "rectinervis"					40
06700	Crangonyx sp	+	81270	Nanocladius (N.) spinipenus					20
08250	Faxonius rusticus	+	81280	Nanocladius (Plecopteracoluthus) downesi					+
11014	Acentrella turbida	+	82101	Thienemanniella taurocapita					80
11020	Acerpenna pygmaea	2	82121	Thienemanniella lobapodema					16
11110	Acentrella parvula	1	82130	Thienemanniella similis					16
11118	Plauditus dubius	41+	82141	Thienemanniella xena					72
11130	Baetis intercalaris	209+	82820	Cryptochironomus sp					+
11650	Procloeon sp (w/ hindwing pads)	+	83840	Microtendipes pedellus group					20
11670	Procloeon viridoculare	+	84210	Paratendipes albimanus or P. duplicatus					+
12200	Isonychia sp	7+	84300	Phaenopsectra obediens group					+
13000	Leucrocuta sp	43+	84450	Polypedilum (Uresipedilum) flavum					219+
13400	Stenacron sp	46+	85615	Rheotanytarsus pellucidus					119+
13521	Stenonema femoratum	+	85625	Rheotanytarsus sp					576+
13540	Maccaffertium mediopunctatum	317+	85800	Tanytarsus sp					+
13561	Maccaffertium pulchellum	110+	85821	Tanytarsus glabrescens group sp 7					20
13570	Maccaffertium terminatum	25+	87540	Hemerodromia sp					16
16324	Teloganopsis deficiens	80	93200	Hydrobiidae					+
16700	Tricorythodes sp	34+	93900	Elimia sp					1+
17200	Caenis sp	+	95100	Physella sp					+
18100	Anthopotamus sp	+	96900	Ferrissia sp					8+
22001	Coenagrionidae	+	97601	Corbicula fluminea					+
22300	Argia sp	+	98600	Sphaerium sp					+
23909	Boyeria vinosa	+							
34140	Acroneuria internata	6+							
34300	Neoperla sp	+							
34715	Agnetina flavescens	2+							
44501	Corixidae	+							
48410	Corydalus cornutus	2+							
50315	Chimarra obscura	4+							
50906	Psychomyia flavida	66+							
51600	Polycentropus group	+							
52200	Cheumatopsyche sp	286+							
52430	Ceratopsyche morosa group	423+							
52540	Hydropsyche dicantha	24+							
53400	Protophila sp	+							
54000	Leucotrichia pictipes	48+							
59700	Triaenodes sp	+							
59970	Petrophila sp	+							
68075	Psephenus herricki	+							
68130	Helichus sp	+							
68901	Macronychus glabratus	5							
69400	Stenelmis sp	4+							
70600	Antocha sp	8							
71100	Hexatoma sp	+							
74100	Simulium sp	+							
74501	Ceratopogonidae	+							
77120	Ablabesmyia mallochi	20+							
77750	Thienemannimyia sp	20							
77800	Helopelopia sp	20							
80310	Cardiocladius obscurus	20+							

Rivercode: 05-041-000

River Mile: 5.18

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
21	0	0	0	21		0		Very Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04935 Erpobdella punctata punctata	+
08601 Hydrachnidia	+
22001 Coenagrionidae	+
22300 Argia sp	+
23600 Aeshna sp	+
28500 Libellula sp	+
45300 Sigara sp	+
65700 Anacaena sp	+
68201 Scirtidae	+
71900 Tipula sp	+
72700 Anopheles sp	+
77500 Conchapelopia sp	+
82730 Chironomus (C.) decorus group	+
83040 Dicotendipes neomodestus	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
95100 Physella sp	+
96120 Menetus (Micromenetus) dilatatus	+
98600 Sphaerium sp	+

Rivercode: 05-041-000

River Mile: 0.96

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
52	7	5	1	52		5		Fair	INTERSTITI
Taxa					Quant/Qual				
00653	Eunapius fragilis								+
01801	Turbellaria								+
03360	Plumatella sp								+
03600	Oligochaeta								+
04664	Helobdella stagnalis								+
04666	Helobdella papillata								+
04935	Erpobdella punctata punctata								+
08250	Faxonius rusticus								+
08601	Hydrachnidia								+
13400	Stenacron sp								+
13521	Stenonema femoratum								+
17200	Caenis sp								+
21200	Calopteryx sp								+
22001	Coenagrionidae								+
22300	Argia sp								+
23600	Aeshna sp								+
45300	Sigara sp								+
45900	Notonecta sp								+
51400	Nyctiophylax sp								+
51600	Polycentropus group								+
52200	Cheumatopsyche sp								+
58505	Helicopsyche borealis								+
59970	Petrophila sp								+
60900	Peltodytes sp								+
68025	Ectopria sp								+
68075	Psephenus herricki								+
68130	Helichus sp								+
68201	Scirtidae								+
69400	Stenelmis sp								+
71900	Tipula sp								+
72700	Anopheles sp								+
74650	Atrichopogon sp								+
78350	Meropelopia sp								+
78655	Procladius (Holotanypus) sp								+
82730	Chironomus (C.) decorus group								+
83040	Dicrotendipes neomodestus								+
83051	Dicrotendipes simpsoni								+
83300	Glyptotendipes (G.) sp								+
84210	Paratendipes albimanus or P. duplicatus								+
84450	Polypedilum (Uresipedilum) flavum								+
84460	Polypedilum (P.) fallax group								+
84800	Tribelos jucundum								+
85625	Rheotanytarsus sp								+
85800	Tanytarsus sp								+
85821	Tanytarsus glabrescens group sp 7								+
86200	Tabanus sp								+
94400	Fossaria sp								+
95100	Physella sp								+
95907	Gyraulus (Torquis) parvus								+
96120	Menetus (Micromenetus) dilatatus								+
96900	Ferrissia sp								+
98600	Sphaerium sp								+

Rivercode: 05-041-001

River Mile: 0.04

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
47	14	10	1	47		10		Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04935 Erpobdella punctata punctata	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11250 Neocloeon sp	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
27500 Somatochlora sp	+
45300 Sigara sp	+
50301 Chimarra aterrima	+
50315 Chimarra obscura	+
50804 Lype diversa	+
51600 Polycentropus group	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
53501 Hydroptilidae	+
58505 Helicopsyche borealis	+
59310 Mystacides sepulchralis	+
68075 Psephenus herricki	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
71900 Tipula sp	+
72340 Dixella sp	+
72700 Anopheles sp	+
77800 Helopelopia sp	+
81650 Parametrioconemus sp	+
82820 Cryptochironomus sp	+
83840 Microtendipes pedellus group	+
84210 Paratendipes albimanus or P. duplicatus	+
84315 Phaenopsectra flavipes	+
84450 Polypedilum (Uresipedilum) flavum	+
84480 Polypedilum (P.) laetum group	+
84540 Polypedilum (Tripodura) scalaenum group	+
84750 Stictochironomus sp	+
84800 Tribelos jucundum	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
85720 Stempellinella fimbriata	+
85821 Tanytarsus glabrescens group sp 7	+
87540 Hemerodromia sp	+
95100 Physella sp	+
96900 Ferrissia sp	+
98600 Sphaerium sp	+

Rivercode: 05-043-000

River Mile: 1.18

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
15	2	0	0	15		0		Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04901 Erpobdellidae	+
17200 Caenis sp	+
52200 Cheumatopsyche sp	+
71900 Tipula sp	+
77500 Conchapelopia sp	+
78702 Psectrotanypus dyari	+
80410 Cricotopus (C.) sp	+
80430 Cricotopus (C.) tremulus group	+
83040 Dicrotendipes neomodestus	+
84470 Polypedilum (P.) illinoense	+
95100 Physella sp	+
96002 Helisoma anceps anceps	+
96900 Ferrissia sp	+

Station: 303837

MCKINLEY CREEK (TRIB TO LAKE ERIE/1148.8) @ TOWNLINE RD

0:00 8/30/17

Rivercode: 07-027-000

River Mile: 0.80

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
15	1	0	0	15		0		Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
06810 Gammarus fasciatus	+
17200 Caenis sp	+
21200 Calopteryx sp	+
24900 Gomphus Complex	+
68707 Dubiraphia quadrinotata	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
82820 Cryptochironomus sp	+
82885 Cryptotendipes pseudotener	+
84700 Stenochironomus sp	+
86100 Chrysops sp	+
96120 Menetus (Micromenetus) dilatatus	+
96264 Planorbella (Pierosoma) pilsbryi	+

Station: 303831

BRUSHY CREEK @ FAIRVIEW RIDGE RD.

0:00 7/12/17

Rivercode: 09-571-000

River Mile: 10.28

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
19	5	4	4	19		4		Fair	NORMAL

Taxa	Quant/Qual
03600 Oligochaeta	+
08260 Faxonius sanbornii sanbornii	+
11250 Neocleon sp	+
22001 Coenagrionidae	+
28001 Libellulidae	+
33100 Leuctra sp	+
47600 Sialis sp	+
52315 Diplectrona modesta	+
55107 Oligostomis pardalis	+
59730 Triaenodes melaca	+
63300 Hydroporini	+
71900 Tipula sp	+
74501 Ceratopogonidae	+
81530 Orthocladius (Symposiocladius) lignicola	+
84410 Polypedilum (Pentapedilum) tritum	+
84430 Polypedilum (P.) albicorne	+
84700 Stenochironomus sp	+
84800 Tribelos jucundum	+
85840 Tanytarsus sepp	+

Rivercode: 09-575-000

River Mile: 5.68

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
36	15	13	1	36		13		Good	NORMAL

Taxa	Quant/Qual
07800 Cambarus sp	+
11018 Acerpenna macdunnoughi	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
11250 Neocloeon sp	+
11650 Procloeon sp (w/ hindwing pads)	+
11651 Procloeon sp (w/o hindwing pads)	+
12200 Isonychia sp	+
13521 Stenonema femoratum	+
21200 Calopteryx sp	+
22300 Argia sp	+
23600 Aeshna sp	+
23909 Boyeria vinosa	+
26100 Cordulegaster sp	+
27400 Neurocordulia sp	+
27500 Somatochlora sp	+
33100 Leuctra sp	+
47600 Sialis sp	+
50301 Chimarra aterrima	+
51400 Nyctiophylax sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
57900 Pycnopsyche sp	+
59730 Triaenodes melaca	+
67100 Hydrobius sp	+
68130 Helichus sp	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
71100 Hexatoma sp	+
71800 Pseudolimnophila sp	+
72340 Dixella sp	+
72700 Anopheles sp	+
74100 Simulium sp	+
74501 Ceratopogonidae	+
77120 Ablabesmyia mallochi	+
84800 Tribelos jucundum	+

Rivercode: 09-575-000

River Mile: 5.68

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
43	12	11	1	43		11		Good	ABOVE NO

Taxa	Quant/Qual
03600 Oligochaeta	+
07701 Cambaridae	+
07820 Cambarus (Cambarus) bartonii cavatus	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11150 Labiobaetis propinquus	+
11175 Plauditus virilis	+
11250 Neocloeon sp	+
11650 Procloeon sp (w/ hindwing pads)	+
11651 Procloeon sp (w/o hindwing pads)	+
13521 Stenonema femoratum	+
15000 Paraleptophlebia sp	+
21200 Calopteryx sp	+
23909 Boyeria vinosa	+
24900 Gomphus Complex	+
25510 Stylogomphus albistylus	+
26100 Cordulegaster sp	+
27500 Somatochlora sp	+
48620 Nigronia serricornis	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
57400 Neophylax sp	+
57900 Pycnopsyche sp	+
68130 Helichus sp	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
71100 Hexatoma sp	+
71900 Tipula sp	+
72340 Dixella sp	+
74100 Simulium sp	+
77500 Conchapelopia sp	+
78601 Pentaneura inyoensis	+
81650 Parametrioctenemus sp	+
82300 Xylotopus par	+
83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980)	+
84300 Phaenopsectra obediens group	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
84520 Polypedilum (Tripodura) halterale group	+
84540 Polypedilum (Tripodura) scalaenum group	+
84750 Stictochironomus sp	+
85800 Tanytarsus sp	+
86100 Chrysops sp	+

Rivercode: 09-575-000

River Mile: 4.10

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
38	13	9	1	38		9		Good	ABOVE NO

Taxa	Quant/Qual
03600 Oligochaeta	+
07820 Cambarus (Cambarus) bartonii cavatus	+
08260 Faxonius sanbornii sanbornii	+
11018 Acerpenna macdunnoughi	+
11120 Baetis flavistriga	+
11150 Labiobaetis propinquus	+
11250 Neocloeon sp	+
11651 Procloeon sp (w/o hindwing pads)	+
13521 Stenonema femoratum	+
15000 Paraleptophlebia sp	+
21001 Calopterygidae	+
22001 Coenagrionidae	+
23804 Basiaeschna janata	+
23909 Boyeria vinosa	+
26100 Cordulegaster sp	+
27500 Somatochlora sp	+
47600 Sialis sp	+
51400 Nyctiophylax sp	+
52315 Diplectrone modesta	+
52530 Hydropsyche depravata group	+
55300 Ptilostomis sp	+
57900 Pycnopsyche sp	+
59300 Mystacides sp	+
68130 Helichus sp	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
71800 Pseudolimnophila sp	+
71900 Tipula sp	+
72340 Dixella sp	+
74100 Simulium sp	+
74501 Ceratopogonidae	+
77500 Conchapelopia sp	+
77800 Helopelopia sp	+
82900 Demicryptochironomus sp	+
84315 Phaenopsectra flavipes	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
84700 Stenochironomus sp	+

Rivercode: 13-001-000

River Mile: 1.80

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
53	10	6	0	73	5,692	12	42		0.40 NORMAL

Taxa	Quant/Qual	
00401 Spongillidae	+ 84300	Phaenopsectra obediens group 33
01320 Hydra sp	86	84450 Polypedilum (Uresipedilum) flavum 167+
01801 Turbellaria	1	84540 Polypedilum (Tripodura) scalaenum group 100+
03360 Plumatella sp	+ 84700	Stenochironomus sp +
03451 Urnatella gracilis	17	85230 Cladotanytarsus mancus group 33+
03600 Oligochaeta	112+	85500 Paratanytarsus sp +
04664 Helobdella stagnalis	+ 85625	Rheotanytarsus sp 669+
04935 Erpobdella punctata punctata	+ 85720	Stempellinella fimbriata 67+
04964 Erpobdella microstoma	+ 85800	Tanytarsus sp 33+
05800 Caecidotea sp	2+	85821 Tanytarsus glabrescens group sp 7 1,638+
06201 Hyalella sp	+ 85840	Tanytarsus sepp +
06700 Crangonyx sp	+ 87540	Hemerodromia sp 1
08601 Hydrachnidia	11+	93900 Elimia sp 7+
11120 Baetis flavistriga	2	94400 Fossaria sp +
11130 Baetis intercalaris	18+	96120 Menetus (Micromenetus) dilatatus +
11650 Procloeon sp (w/ hindwing pads)	+ 96900	Ferrissia sp 1+
13400 Stenacron sp	80+	97601 Corbicula fluminea 1
13521 Stenonema femoratum	2+	
13561 Maccaffertium pulchellum	40	
16700 Tricorythodes sp	232+	
17200 Caenis sp	148+	
21200 Calopteryx sp	+	
22300 Argia sp	1+	
23909 Boyeria vinosa	+	
49200 Climacia areolaris	+	
50315 Chimarra obscura	1	
51206 Cynnellus fraternus	2+	
51400 Nyctiophylax sp	+	
52200 Cheumatopsyche sp	77+	
52430 Ceratopsyche morosa group	11	
53800 Hydroptila sp	35+	
59970 Petrophila sp	4+	
68601 Ancyronyx variegatus	1+	
68901 Macronychus glabratus	1+	
69400 Stenelmis sp	+	
71300 Limonia sp	1	
74501 Ceratopogonidae	+	
77120 Ablabesmyia mallochi	100+	
77500 Conchapelopia sp	67	
77750 Thienemannimyia sp	33+	
77800 Helopelopia sp	33	
78140 Labrundinia pilosella	67	
78450 Nilotanypus fimbriatus	32+	
78655 Procladius (Holotanypus) sp	+	
80360 Corynoneura floridaensis	128	
80370 Corynoneura lobata	18	
81231 Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	33	
81250 Nanocladius (N.) minimus	33	
82101 Thienemanniella taurocapita	68	
82121 Thienemanniella lobapodema	108	
82730 Chironomus (C.) decorus group	+	
82822 Cryptochironomus eminentia	+	
83040 Dicrotendipes neomodestus	1,337+	
83051 Dicrotendipes simpsoni	+	
83410 Harnischia curtilamellata	+	
84155 Paralauterborniella nigrohalteralis	+	

Rivercode: 13-100-000

River Mile: 35.50

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
44	5	3	0	44		3		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04615 Actinobdella inequiannulata	+
04666 Helobdella papillata	+
06201 Hyalella sp	+
08240 Faxonius propinquus	+
11120 Baetis flavistriga	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
50301 Chimarra aterrima	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
60900 Peltodytes sp	+
66500 Enochrus sp	+
69400 Stenelmis sp	+
74100 Simulium sp	+
77120 Ablabesmyia mallochi	+
77800 Helopelopia sp	+
78140 Labrundinia pilosella	+
78655 Procladius (Holotanypus) sp	+
80510 Cricotopus (Isocladius) sylvestris group	+
81231 Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	+
82130 Thienemanniella similis	+
82820 Cryptochironomus sp	+
83051 Dicrotendipes simpsoni	+
83300 Glyptotendipes (G.) sp	+
84210 Paratendipes albimanus or P. duplicatus	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
84700 Stenochironomus sp	+
85500 Paratanytarsus sp	+
85615 Rheotanytarsus pellucidus	+
85625 Rheotanytarsus sp	+
85800 Tanytarsus sp	+
87400 Stratiomys sp	+
93200 Hydrobiidae	+
95100 Physella sp	+
96002 Helisoma anceps anceps	+
96120 Menetus (Micromenetus) dilatatus	+
96264 Planorbella (Pierosoma) pilsbryi	+
98600 Sphaerium sp	+

Station: 303680

TRIB. TO E. BR. ROCKY R. (24.72) UPST. MARREK POND

0:00 7/6/16

Rivercode: 13-100-012

River Mile: 0.80

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
31	10	11	7	31		11		Good	LOW

Taxa	Quant/Qual
03600 Oligochaeta	+
07800 Cambarus sp	+
11250 Neocleon sp	+
15000 Paraleptophlebia sp	+
16200 Eurylophella sp	+
25210 Lanthus parvulus	+
26100 Cordulegaster sp	+
33100 Leuctra sp	+
34500 Perlesta sp	+
44501 Corixidae	+
47600 Sialis sp	+
51600 Polycentropus group	+
52315 Diplectrona modesta	+
57400 Neophylax sp	+
57900 Pycnopsyche sp	+
58020 Lepidostoma sp	+
63300 Hydroporini	+
67100 Hydrobius sp	+
71800 Pseudolimnophila sp	+
74501 Ceratopogonidae	+
77500 Conchapelopia sp	+
79300 Trissopelopia ogemawi	+
79400 Zavrelimyia (Z.) sp	+
82730 Chironomus (C.) decorus group	+
82820 Cryptochironomus sp	+
82885 Cryptotendipes pseudotener	+
84155 Paralauterborniella nigrohalteralis	+
84210 Paratendipes albimanus or P. duplicatus	+
84440 Polypedilum (Uresipedilum) aviceps	+
85800 Tanytarsus sp	+
95100 Physella sp	+

Rivercode: 13-100-012

River Mile: 0.60

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
50	8	2	0	50		2		Marginally Good	LOW

Taxa	Quant/Qual
00401 Spongillidae	+
01801 Turbellaria	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04666 Helobdella papillata	+
04686 Placobdella papillifera	+
06201 Hyalella sp	+
07701 Cambaridae	+
08601 Hydrachnidia	+
11200 Callibaetis sp	+
17200 Caenis sp	+
22001 Coenagrionidae	+
23600 Aeshna sp	+
28705 Pachydiplax longipennis	+
29000 Sympetrum sp	+
45900 Notonecta sp	+
47600 Sialis sp	+
48220 Chauliodes rastricornis	+
51400 Nyctiophylax sp	+
52200 Cheumatopsyche sp	+
53800 Hydroptila sp	+
54200 Orthotrichia sp	+
55200 Phryganea sp	+
59580 Oecetis persimilis	+
60900 Peltodytes sp	+
63700 Ilybius sp	+
68702 Dubiraphia bivittata	+
74501 Ceratopogonidae	+
77125 Ablabesmyia monilis	+
77130 Ablabesmyia rhamphe group	+
77355 Clinotanypus pinguis	+
78130 Labrundinia neopilosella	+
78655 Procladius (Holotanypus) sp	+
82710 Chironomus (C.) sp	+
83002 Dicrotendipes modestus	+
83051 Dicrotendipes simpsoni	+
83158 Endochironomus nigricans	+
83360 Glyptotendipes (G.) testaceus	+
83840 Microtendipes pedellus group	+
84520 Polypedilum (Tripodura) halterale group	+
84700 Stenochironomus sp	+
84790 Tribelos fuscicorne	+
84900 Zavreliella marmorata	+
84960 Pseudochironomus sp	+
94800 Stagnicola sp	+
95100 Physella sp	+
96002 Helisoma anceps anceps	+
96264 Planorbella (Pierosoma) pilsbryi	+
98200 Pisidium sp	+
98600 Sphaerium sp	+

Rivercode: 15-001-000

River Mile: 28.60

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Taxa	ICI	Narrative	Flow
63	15	17	0	82	4,240	23	48		0.40 NORMAL

Taxa	Quant/Qual	
01320 Hydra sp	+ 82824	Cryptochironomus ponderosus +
01801 Turbellaria	10+ 83040	Dicrotendipes neomodestus 232+
03040 Fredericella sp	+ 83820	Microtendipes "caelum" (sensu Simpson & Bode, 1980) +
03600 Oligochaeta	24+ 83840	Microtendipes pedellus group 530+
05800 Caecidotea sp	+ 84210	Paratendipes albimanus or P. duplicatus +
06700 Crangonyx sp	+ 84300	Phaenopsectra obediens group 66
08250 Faxonius rusticus	+ 84450	Polypedilum (Uresipedilum) flavum 298
08601 Hydrachnidia	+ 84460	Polypedilum (P.) fallax group 66
11120 Baetis flavistriga	193+ 84470	Polypedilum (P.) illinoense +
11130 Baetis intercalaris	26 84540	Polypedilum (Tripodura) scalaenum group 66
11650 Procloeon sp (w/ hindwing pads)	+ 84700	Stenochironomus sp +
11651 Procloeon sp (w/o hindwing pads)	12+ 84750	Stictochironomus sp +
11670 Procloeon viridoculare	+ 85230	Cladotanytarsus mancus group 33+
12956 Heptagenia marginalis	6 85261	Cladotanytarsus vanderwulpi +
13400 Stenacron sp	13+ 85263	Cladotanytarsus vanderwulpi group sp 3 +
13521 Stenonema femoratum	+ 85500	Paratanytarsus sp 133+
13561 Maccaffertium pulchellum	65+ 85625	Rheotanytarsus sp 729+
13590 Maccaffertium vicarium	39+ 85711	Stempellinella leptocelloides 16
14950 small Leptophlebiidae	25 85720	Stempellinella fimbriata 48+
17200 Caenis sp	1+ 85752	Sublettea coffmani 33
21200 Calopteryx sp	+ 85800	Tanytarsus sp 166+
22001 Coenagrionidae	+ 85821	Tanytarsus glabrescens group sp 7 431+
22300 Argia sp	4+ 85840	Tanytarsus sepp 166+
23909 Boyeria vinosa	+ 87400	Stratiomys sp +
44501 Corixidae	+ 87540	Hemerodromia sp 32
51400 Nyctiophylax sp	+ 96900	Ferrissia sp 3+
51600 Polycentropus group	8	
52200 Cheumatopsyche sp	12	
52430 Ceratopsyche morosa group	+	
53800 Hydroptila sp	25+	
58505 Helicopsyche borealis	2+	
59300 Mystacides sp	+	
59410 Nectopsyche diarina	+	
59510 Oecetis avara	16	
59970 Petrophila sp	+	
60400 Gyrimus sp	+	
60900 Peltodytes sp	+	
68075 Psephenus herricki	+	
68601 Ancyronyx variegatus	1+	
68708 Dubiraphia vittata group	+	
68901 Macronychus glabratus	3	
69400 Stenelmis sp	9+	
70600 Antocha sp	+	
74501 Ceratopogonidae	+	
77120 Ablabesmyia mallochi	99+	
77750 Thienemannimyia sp	+	
77800 Helopelopia sp	133	
78450 Nilotanytus fimbriatus	208	
78655 Procladius (Holotanytus) sp	+	
80360 Corynoneura floridaensis	32	
80370 Corynoneura lobata	144	
80420 Cricotopus (C.) bicinctus	33+	
82141 Thienemanniella xena	16	
82600 Axarus sp	+	
82730 Chironomus (C.) decorus group	+	
82820 Cryptochironomus sp	33+	

Rivercode: 15-001-000

River Mile: 19.70

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Taxa	ICI	Narrative	Flow
76	21	22	0	83	5,688	26	48	N/A	1.00 NORMAL

Taxa	Quant/Qual	
00401 Spongillidae	1+	82220 Tvetenia discoloripes group +
01801 Turbellaria	36+	82730 Chironomus (C.) decorus group +
03040 Fredericella sp	1+	82824 Cryptochironomus ponderosus +
03360 Plumatella sp	2+	82885 Cryptotendipes pseudotener +
03600 Oligochaeta	32+	83003 Dicrotendipes fumidus +
05800 Caecidotea sp	+	83040 Dicrotendipes neomodestus 142+
06201 Hyalella sp	+	83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980) +
08250 Faxonius rusticus	+	84210 Paratendipes albimanus or P. duplicatus +
08601 Hydrachnidia	+	84420 Polypedilum (P.) n.sp 1 +
11014 Acentrella turbida	+	84450 Polypedilum (Uresipedilum) flavum 602+
11120 Baetis flavistriga	74+	84520 Polypedilum (Tripodura) halterale group +
11130 Baetis intercalaris	105+	84540 Polypedilum (Tripodura) scalaenum group 142+
11650 Proclaeon sp (w/ hindwing pads)	+	84700 Stenochironomus sp +
12200 Isonychia sp	4+	84750 Stictochironomus sp +
13100 Nixe sp	+	85230 Cladotanytarsus mancus group 71+
13400 Stenacron sp	82+	85625 Rheotanytarsus sp 1,381+
13521 Stenonema femoratum	+	85711 Stempellinella leptocelloides +
13561 Maccaffertium pulchellum	87+	85720 Stempellinella fimbriata 21
13570 Maccaffertium terminatum	2	85752 Sublettea coffmani 71+
16700 Tricorythodes sp	23+	85800 Tanytarsus sp +
17200 Caenis sp	8+	85821 Tanytarsus glabrescens group sp 7 460+
21200 Calopteryx sp	+	86401 Atherix lantha +
22001 Coenagrionidae	+	95100 Physella sp +
22300 Argia sp	5+	96120 Menetus (Micromenetus) dilatatus +
23909 Boyeria vinosa	+	96900 Ferrissia sp 331+
27307 Epitheca (Epicordulia) princeps	+	97601 Corbicula fluminea 2+
28500 Libellula sp	+	98600 Sphaerium sp +
49101 Sisyridae	16	
50315 Chimarra obscura	21+	
51400 Nyctiophylax sp	+	
52200 Cheumatopsyche sp	1,118+	
52430 Ceratopsyche morosa group	248+	
52450 Ceratopsyche sparna	39+	
52530 Hydropsyche depravata group	1+	
53800 Hydroptila sp	48+	
59140 Ceraclea maculata	1	
59400 Nectopsyche sp	+	
59580 Oecetis persimilis	+	
59740 Triaenodes perna	+	
59970 Petrophila sp	37+	
65800 Berosus sp	1+	
68075 Psephenus herricki	2+	
68601 Ancyronyx variegatus	1+	
68901 Macronychus glabratus	50+	
69400 Stenelmis sp	19+	
70600 Antocha sp	32+	
71500 Ormosia sp	+	
77120 Ablabesmyia mallochi	+	
77750 Thienemannimyia sp	71+	
77800 Helopelopia sp	35+	
78450 Nilotanypus fimbriatus	53	
78655 Procladius (Holotanypus) sp	+	
78750 Rheopelopia paramaculipennis	106+	
80370 Corynoneura lobata	53+	
81270 Nanocladius (N.) spiniplenus	35	
82101 Thienemanniella taurocapita	16	

Rivercode: 15-001-000

River Mile: 18.06

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Taxa	ICI	Narrative	Flow
46	12	10	0	76	3,066	18	42		0.40 NORMAL

Taxa	Quant/Qual		
00653 Eunapius fragilis	+ 82101	Thienemanniella taurocapita	53
01320 Hydra sp	24 82121	Thienemanniella lobapodema	32
01801 Turbellaria	60+ 82824	Cryptochironomus ponderosus	+
01900 Nemertea	32 83040	Dicrotendipes neomodestus	20+
03040 Fredericella sp	+ 83820	Microtendipes "caelum" (sensu Simpson & Bode, 1980)	81+
03600 Oligochaeta	155+ 83840	Microtendipes pedellus group	40
04964 Erpobdella microstoma	+ 84155	Paralauterborniella nigrohalteralis	+
05800 Caecidotea sp	+ 84300	Phaenopsectra obediens group	20
06201 Hyalella sp	+ 84460	Polypedilum (P.) fallax group	4
06700 Crangonyx sp	1+ 84470	Polypedilum (P.) illinoense	+
08250 Faxonus rusticus	+ 84540	Polypedilum (Tripodura) scalaenum group	61
11120 Baetis flavistriga	134+ 85500	Paratanytarsus sp	+
11130 Baetis intercalaris	59+ 85625	Rheotanytarsus sp	142+
11650 Proclaeon sp (w/ hindwing pads)	+ 85720	Stempellinella fimbriata	20
13100 Nixe sp	+ 85800	Tanytarsus sp	425+
13400 Stenacron sp	245+ 85821	Tanytarsus glabrescens group sp 7	182
13521 Stenonema femoratum	4 87540	Hemerodromia sp	1
13561 Maccaffertium pulchellum	40 95100	Physella sp	+
13570 Maccaffertium terminatum	6 96900	Ferrissia sp	67
13590 Maccaffertium vicarium	3 97601	Corbicula fluminea	16+
14950 small Leptophlebiidae	1		
16700 Tricorythodes sp	21+		
17200 Caenis sp	2+		
21200 Calopteryx sp	1+		
22001 Coenagrionidae	+		
22300 Argia sp	1+		
23909 Boyeria vinosa	+		
24900 Gomphus Complex	+		
43300 Ranatra sp	+		
44501 Corixidae	+		
51400 Nyctiophylax sp	+		
52200 Cheumatopsyche sp	87+		
52430 Ceratopsyche morosa group	8		
53800 Hydroptila sp	2		
59410 Nectopsyche diarina	1+		
59720 Triaenodes ignitus	+		
59740 Triaenodes perna	+		
59970 Petrophila sp	+		
60900 Peltodytes sp	+		
65800 Berosus sp	1+		
68075 Psephenus herricki	+		
68601 Ancryonyx variegatus	5		
68708 Dubiraphia vittata group	5+		
68901 Macronychus glabratus	57		
69400 Stenelmis sp	16		
70600 Antocha sp	1		
72700 Anopheles sp	+		
77120 Ablabesmyia mallochi	+		
77750 Thienemannimyia sp	263		
77800 Helopelopia sp	405		
78450 Nilotanypus fimbriatus	20		
78655 Procladius (Holotanypus) sp	+		
79085 Telopelopia okoboji	40		
80370 Corynoneura lobata	40		
81231 Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	81		
82070 Synorthocladius semivirens	81		

Rivercode: 15-002-000

River Mile: 12.70

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
41	14	9	4	74	2,721	19	50		LOW

Taxa	Quant/Qual		
03600 Oligochaeta	32+	83840	Microtendipes pedellus group
06201 Hyalella sp	+	84430	Polypedilum (P.) albicorne
06700 Crangonyx sp	+	84440	Polypedilum (Uresipedilum) aviceps
08280 Faxonius virilis	+	84460	Polypedilum (P.) fallax group
11015 Acerpenna sp	8	84480	Polypedilum (P.) laetum group
11120 Baetis flavistriga	12+	84540	Polypedilum (Tripodura) scalaenum group
11130 Baetis intercalaris	+	85230	Cladotanytarsus mancus group
11645 Procloeon sp	+	85261	Cladotanytarsus vanderwulpi
12200 Isonychia sp	25+	85500	Paratanytarsus sp
13000 Leucrocuta sp	8+	85615	Rheotanytarsus pellucidus
13400 Stenacron sp	+	85625	Rheotanytarsus sp
13521 Stenonema femoratum	9+	85800	Tanytarsus sp
13540 Maccaffertium mediopunctatum	1	85821	Tanytarsus glabrescens group sp 7
13570 Maccaffertium terminatum	+	85840	Tanytarsus sepp
13590 Maccaffertium vicarium	1+	86100	Chrysops sp
16700 Tricorythodes sp	9	87540	Hemerodromia sp
17200 Caenis sp	8	89501	Ephydriidae
21200 Calopteryx sp	8+	96900	Ferrissia sp
22300 Argia sp	+		
23909 Boyeria vinosa	+		
42700 Belostoma sp	+		
51600 Polycentropus group	+		
52200 Cheumatopsyche sp	90+		
52430 Ceratopsyche morosa group	63+		
52440 Ceratopsyche slossonae	1+		
52450 Ceratopsyche sparna	11		
52530 Hydropsyche depravata group	+		
60900 Peltodytes sp	+		
63300 Hydroporini	+		
67500 Laccobius sp	+		
67800 Tropisternus sp	+		
68130 Helichus sp	+		
68901 Macronychus glabratus	1		
69400 Stenelmis sp	+		
70600 Antocha sp	77		
71900 Tipula sp	+		
72340 Dixella sp	+		
74501 Ceratopogonidae	+		
77120 Ablabesmyia mallochi	20		
77500 Conchapelopia sp	61+		
77750 Thienemannimyia sp	61		
77800 Helopelopia sp	41		
78450 Nilotanypus fimbriatus	9		
80351 Corynoneura caudicula	8		
80360 Corynoneura floridaensis	16		
80370 Corynoneura lobata	179		
80410 Cricotopus (C.) sp	164		
80420 Cricotopus (C.) bicinctus	122+		
80430 Cricotopus (C.) tremulus group	61		
81231 Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	20		
81650 Parametrioctenemus sp	41+		
81825 Rheocricotopus (Psilocricotopus) robacki	41		
82101 Thienemanniella taurocapita	43		
82121 Thienemanniella lobapodema	17		
82130 Thienemanniella similis	57		
82141 Thienemanniella xena	8		

Station: 303832

TRIB. TO TRIB. TO AURORA BR. (1.07/1.71) DST. LIBERTY RD.

0:00 8/31/17

Rivercode: 15-005-007

River Mile: 0.25

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
10	1	0	1	10		0		Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
11120 Baetis flavistriga	+
71900 Tipula sp	+
77750 Thienemannimyia sp	+
79400 Zavrelimyia (Z.) sp	+
80420 Cricotopus (C.) bicinctus	+
82770 Chironomus (C.) riparius group	+
89001 Sciomyzidae	+
95100 Physella sp	+

Rivercode: 17-410-000

River Mile: 21.11

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
49	8	1	0	49		1		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+ 66500 Enochrus sp
01801 Turbellaria	+ 66500 Enochrus sp
03360 Plumatella sp	+ 67500 Laccobius sp
03360 Plumatella sp	+ 67500 Laccobius sp
03600 Oligochaeta	+ 67800 Tropisternus sp
03600 Oligochaeta	+ 67800 Tropisternus sp
04637 Placobdella phalera	+ 68708 Dubiraphia vittata group
04637 Placobdella phalera	+ 68708 Dubiraphia vittata group
04666 Helobdella papillata	+ 68901 Macronychus glabratus
04666 Helobdella papillata	+ 68901 Macronychus glabratus
04935 Erpobdella punctata punctata	+ 69400 Stenelmis sp
04935 Erpobdella punctata punctata	+ 69400 Stenelmis sp
06201 Hyalella sp	+ 72700 Anopheles sp
06201 Hyalella sp	+ 72700 Anopheles sp
08260 Faxonius sanbornii sanbornii	+ 74501 Ceratopogonidae
08260 Faxonius sanbornii sanbornii	+ 74501 Ceratopogonidae
11120 Baetis flavistriga	+ 77355 Clinotanypus pinguis
11120 Baetis flavistriga	+ 77355 Clinotanypus pinguis
11130 Baetis intercalaris	+ 77500 Conchapelopia sp
11130 Baetis intercalaris	+ 77500 Conchapelopia sp
11200 Callibaetis sp	+ 78655 Procladius (Holotanypus) sp
11200 Callibaetis sp	+ 78655 Procladius (Holotanypus) sp
11250 Neocloeon sp	+ 80420 Cricotopus (C.) bicinctus
11250 Neocloeon sp	+ 80420 Cricotopus (C.) bicinctus
13400 Stenacron sp	+ 81825 Rheocricotopus (Psilocricotopus) robacki
13400 Stenacron sp	+ 81825 Rheocricotopus (Psilocricotopus) robacki
17200 Caenis sp	+ 83040 Dicrotendipes neomodestus
17200 Caenis sp	+ 83040 Dicrotendipes neomodestus
21200 Calopteryx sp	+ 84210 Paratendipes albimanus or P. duplicatus
21200 Calopteryx sp	+ 84210 Paratendipes albimanus or P. duplicatus
22001 Coenagrionidae	+ 84470 Polypedilum (P.) illinoense
22001 Coenagrionidae	+ 84470 Polypedilum (P.) illinoense
22300 Argia sp	+ 86100 Chrysops sp
22300 Argia sp	+ 86100 Chrysops sp
23600 Aeshna sp	+ 95100 Physella sp
23600 Aeshna sp	+ 95100 Physella sp
23909 Boyeria vinosa	+ 96002 Helisoma anceps anceps
23909 Boyeria vinosa	+ 96002 Helisoma anceps anceps
28955 Plathemis lydia	+ 96900 Ferrissia sp
28955 Plathemis lydia	+ 96900 Ferrissia sp
43300 Ranatra sp	+ 98600 Sphaerium sp
43300 Ranatra sp	+ 98600 Sphaerium sp
45300 Sigara sp	+
45300 Sigara sp	+
52200 Cheumatopsyche sp	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
52530 Hydropsyche depravata group	+
60300 Dineutus sp	+
60300 Dineutus sp	+
60900 Peltodytes sp	+
60900 Peltodytes sp	+
63900 Laccophilus sp	+
63900 Laccophilus sp	+
65800 Berosus sp	+
65800 Berosus sp	+

Rivercode: 17-410-000

River Mile: 18.40

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
47	10	3	0	47		3		Marginally Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+ 67800 Tropisternus sp +
01801 Turbellaria	+ 67800 Tropisternus sp +
03360 Plumatella sp	+ 68130 Helichus sp +
03360 Plumatella sp	+ 68130 Helichus sp +
03600 Oligochaeta	+ 68708 Dubiraphia vittata group +
03600 Oligochaeta	+ 68708 Dubiraphia vittata group +
04666 Helobdella papillata	+ 68901 Macronychus glabratus +
04666 Helobdella papillata	+ 68901 Macronychus glabratus +
04935 Erpobdella punctata punctata	+ 69400 Stenelmis sp +
04935 Erpobdella punctata punctata	+ 69400 Stenelmis sp +
06201 Hyalella sp	+ 70501 Tipulidae +
06201 Hyalella sp	+ 70501 Tipulidae +
08260 Faxonius sanbornii sanbornii	+ 72700 Anopheles sp +
08260 Faxonius sanbornii sanbornii	+ 72700 Anopheles sp +
11120 Baetis flavistriga	+ 74501 Ceratopogonidae +
11120 Baetis flavistriga	+ 74501 Ceratopogonidae +
11130 Baetis intercalaris	+ 77355 Clinotanytus pinguis +
11130 Baetis intercalaris	+ 77355 Clinotanytus pinguis +
11200 Callibaetis sp	+ 78655 Procladius (Holotanytus) sp +
11200 Callibaetis sp	+ 78655 Procladius (Holotanytus) sp +
13561 Maccaffertium pulchellum	+ 80420 Cricotopus (C.) bicinctus +
13561 Maccaffertium pulchellum	+ 80420 Cricotopus (C.) bicinctus +
16700 Tricorythodes sp	+ 82730 Chironomus (C.) decorus group +
16700 Tricorythodes sp	+ 82730 Chironomus (C.) decorus group +
17200 Caenis sp	+ 83040 Dicrotendipes neomodestus +
17200 Caenis sp	+ 83040 Dicrotendipes neomodestus +
22001 Coenagrionidae	+ 84470 Polypedilum (P.) illinoense +
22001 Coenagrionidae	+ 84470 Polypedilum (P.) illinoense +
23909 Boyeria vinosa	+ 84540 Polypedilum (Tripodura) scalaenum group +
23909 Boyeria vinosa	+ 84540 Polypedilum (Tripodura) scalaenum group +
28955 Plathemis lydia	+ 85625 Rheotanytarsus sp +
28955 Plathemis lydia	+ 85625 Rheotanytarsus sp +
42700 Belostoma sp	+ 95100 Physella sp +
42700 Belostoma sp	+ 95100 Physella sp +
43300 Ranatra sp	+ 96002 Helisoma anceps anceps +
43300 Ranatra sp	+ 96002 Helisoma anceps anceps +
45400 Trichocorixa sp	+ 98600 Sphaerium sp +
45400 Trichocorixa sp	+ 98600 Sphaerium sp +
52200 Cheumatopsyche sp	+ +
52200 Cheumatopsyche sp	+ +
52530 Hydropsyche depravata group	+ +
52530 Hydropsyche depravata group	+ +
53800 Hydroptila sp	+ +
53800 Hydroptila sp	+ +
59410 Nectopsyche diarina	+ +
59410 Nectopsyche diarina	+ +
60900 Peltodytes sp	+ +
60900 Peltodytes sp	+ +
63900 Laccophilus sp	+ +
63900 Laccophilus sp	+ +
65800 Berosus sp	+ +
65800 Berosus sp	+ +
66500 Enochrus sp	+ +
66500 Enochrus sp	+ +
67500 Laccobius sp	+ +
67500 Laccobius sp	+ +

Rivercode: 17-416-000

River Mile: 1.08

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
13	1	0	0	13		0		Very Poor	NORMAL

Taxa	Quant/Qual
03600 Oligochaeta	+
03600 Oligochaeta	+
04666 Helobdella papillata	+
04666 Helobdella papillata	+
11200 Callibaetis sp	+
11200 Callibaetis sp	+
42700 Belostoma sp	+
42700 Belostoma sp	+
45400 Trichocorixa sp	+
45400 Trichocorixa sp	+
60900 Peltodytes sp	+
60900 Peltodytes sp	+
67800 Tropisternus sp	+
67800 Tropisternus sp	+
72900 Culex sp	+
72900 Culex sp	+
78655 Procladius (Holotanypus) sp	+
78655 Procladius (Holotanypus) sp	+
82711 Chironomus (C.) sp 1	+
82711 Chironomus (C.) sp 1	+
85821 Tanytarsus glabrescens group sp 7	+
85821 Tanytarsus glabrescens group sp 7	+
89001 Sciomyzidae	+
89001 Sciomyzidae	+
95100 Physella sp	+
95100 Physella sp	+

Rivercode: 19-001-035

River Mile: 0.90

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
39	5	2	2	39		2		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
01900 Nemertea	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04935 Erpobdella punctata punctata	+
04962 Erpobdella fervida	+
06700 Crangonyx sp	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
23600 Aeshna sp	+
23700 Anax sp	+
27307 Epiptera (Epicordulia) princeps	+
28208 Erythemis simplicicollis	+
50315 Chimarra obscura	+
52200 Cheumatopsyche sp	+
52450 Ceratopsyche sparna	+
52530 Hydropsyche depravata group	+
68707 Dubiraphia quadrinotata	+
69400 Stenelmis sp	+
71900 Tipula sp	+
74100 Simulium sp	+
77130 Ablabesmyia rhampho group	+
77500 Conchapelopia sp	+
78350 Meropelopia sp	+
78401 Natarsia species A (sensu Roback, 1978)	+
78450 Nilotanytus fimbriatus	+
79720 Diamesa sp	+
82820 Cryptochironomus sp	+
82824 Cryptochironomus ponderosus	+
83040 Dicotendipes neomodestus	+
83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980)	+
84210 Paratendipes albimanus or P. duplicatus	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
98200 Pisidium sp	+

Rivercode: 19-001-035

River Mile: 0.75

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
45	5	2	3	45		2		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04930 Erpobdella sp	+
04935 Erpobdella punctata punctata	+
06700 Crangonyx sp	+
08200 Faxonius sp	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
23600 Aeshna sp	+
23700 Anax sp	+
23909 Boyeria vinosa	+
28208 Erythemis simplicicollis	+
42700 Belostoma sp	+
50315 Chimarra obscura	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
53501 Hydroptilidae	+
60900 Peltodytes sp	+
68707 Dubiraphia quadrinotata	+
69400 Stenelmis sp	+
71900 Tipula sp	+
74100 Simulium sp	+
77500 Conchapelopia sp	+
78350 Meropelopia sp	+
78401 Natarsia species A (sensu Roback, 1978)	+
79720 Diamesa sp	+
81650 Parametricnemus sp	+
82820 Cryptochironomus sp	+
83040 Dicotendipes neomodestus	+
83300 Glyptotendipes (G.) sp	+
83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980)	+
84210 Paratendipes albimanus or P. duplicatus	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
84750 Stictochironomus sp	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
85800 Tanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
95100 Physella sp	+
97601 Corbicula fluminea	+

Station: 302252

KELSEY CREEK AT CUYAHOGA FALLS @ INTERSECTION KELSEY/RAINIER

0:00 8/1/18

Rivercode: 19-001-035

River Mile: 0.75

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Taxa	ICI	Narrative	Flow
29	2	1	0	29		1		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04935 Erpobdella punctata punctata	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
22001 Coenagrionidae	+
27500 Somatochlora sp	+
29000 Sympetrum sp	+
42700 Belostoma sp	+
44300 Pelocoris sp	+
52200 Cheumatopsyche sp	+
69400 Stenelmis sp	+
74100 Simulium sp	+
74501 Ceratopogonidae	+
77800 Helopelopia sp	+
80420 Cricotopus (C.) bicinctus	+
82820 Cryptochironomus sp	+
83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980)	+
84210 Paratendipes albimanus or P. duplicatus	+
84300 Phaenopsectra obediens group	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
85625 Rheotanytarsus sp	+
85800 Tanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
95100 Physella sp	+
97601 Corbicula fluminea	+
98200 Pisidium sp	+

Rivercode: 19-001-035

River Mile: 0.60

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
51	6	5	4	51		5		Fair	NORMAL
Taxa		Quant/Qual							
01801 Turbellaria									+
03600 Oligochaeta									+
04664 Helobdella stagnalis									+
04901 Erpobdellidae									+
06700 Crangonyx sp									+
08200 Faxonius sp									+
08601 Hydrachnidia									+
11120 Baetis flavistriga									+
21200 Calopteryx sp									+
22001 Coenagrionidae									+
22300 Argia sp									+
23600 Aeshna sp									+
42700 Belostoma sp									+
50301 Chimarra aterrima									+
52200 Cheumatopsyche sp									+
52450 Ceratopsyche sparna									+
52530 Hydropsyche depravata group									+
53800 Hydroptila sp									+
68708 Dubiraphia vittata group									+
69400 Stenelmis sp									+
71900 Tipula sp									+
72340 Dixella sp									+
72700 Anopheles sp									+
74100 Simulium sp									+
74501 Ceratopogonidae									+
77120 Ablabesmyia mallochi									+
77500 Conchapelopia sp									+
77800 Helopelopia sp									+
78350 Meropelopia sp									+
79720 Diamesa sp									+
80330 Chaetocladius piger									+
80470 Cricotopus (C.) or Orthocladius (O.) sp									+
82200 Tvetenia bavarica group									+
83040 Dicrotendipes neomodestus									+
84210 Paratendipes albimanus or P. duplicatus									+
84280 Phaenopsectra sp or Tribelos sp									+
84440 Polypedilum (Uresipedilum) aviceps									+
84460 Polypedilum (P.) fallax group									+
84470 Polypedilum (P.) illinoense									+
84750 Stictochironomus sp									+
84790 Tribelos fuscicorne									+
85261 Cladotanytarsus vanderwulpi									+
85500 Paratanytarsus sp									+
85800 Tanytarsus sp									+
85821 Tanytarsus glabrescens group sp 7									+
95100 Physella sp									+
96120 Menetus (Micromenetus) dilatatus									+
96264 Planorbella (Pierosoma) pilsbryi									+
96900 Ferrissia sp									+
97601 Corbicula fluminea									+
98200 Pisidium sp									+

Station: 302253

KELSEY CREEK AT CUYAHOGA FALLS @ FOOTBRIDGE IN KENNEDY PARK

0:00 8/1/18

Rivercode: 19-001-035

River Mile: 0.60

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
26	3	1	1	26		1		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04666 Helobdella papillata	+
04935 Erpobdella punctata punctata	+
11120 Baetis flavistriga	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
23600 Aeshna sp	+
27500 Somatochlora sp	+
52200 Cheumatopsyche sp	+
53800 Hydroptila sp	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
71900 Tipula sp	+
77800 Helopelopia sp	+
78350 Meropelopia sp	+
80430 Cricotopus (C.) tremulus group	+
80510 Cricotopus (Isocladius) sylvestris group	+
82824 Cryptochironomus ponderosus	+
83820 Microtendipes "caelum" (sensu Simpson & Bode, 1980)	+
84210 Paratendipes albimanus or P. duplicatus	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
84750 Stictochironomus sp	+

Rivercode: 19-007-008

River Mile: 2.80

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
35	4	1	0	35		1		Low Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04962 Erpobdella fervida	+
05800 Caecidotea sp	+
06700 Crangonyx sp	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
22001 Coenagrionidae	+
22300 Argia sp	+
52530 Hydropsyche depravata group	+
53501 Hydroptilidae	+
60900 Peltodytes sp	+
69400 Stenelmis sp	+
70600 Antocha sp	+
77120 Ablabesmyia mallochi	+
77500 Conchapelopia sp	+
77800 Helopelopia sp	+
78655 Procladius (Holotanyus) sp	+
79210 Thienemannimyia (T.) norena	+
80400 Cricotopus sp	+
80420 Cricotopus (C.) bicinctus	+
80490 Cricotopus (Isocladius) intersectus group	+
82700 Chironomus sp	+
82820 Cryptochironomus sp	+
83002 Dicrotendipes modestus	+
83003 Dicrotendipes fumidus	+
83040 Dicrotendipes neomodestus	+
84315 Phaenopsectra flavipes	+
84540 Polypedilum (Tripodura) scalaenum group	+
84700 Stenochironomus sp	+
84750 Stictochironomus sp	+
85500 Paratanytarsus sp	+
87540 Hemerodromia sp	+
89704 Lispidoides aequifrons	+
95100 Physella sp	+

Rivercode: 19-008-000

River Mile: 3.70

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
33	1	0	0	33		0		Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04637 Placobdella phalera	+
04666 Helobdella papillata	+
08601 Hydrachnidia	+
22001 Coenagrionidae	+
22300 Argia sp	+
23804 Basiaeschna janata	+
24107 Nasiaeschna pentacantha	+
27500 Somatochlora sp	+
28208 Erythemis simplicicollis	+
28908 Perithemis tenera	+
45100 Palmacorixa sp	+
45900 Notonecta sp	+
53501 Hydroptilidae	+
60900 Peltodytes sp	+
72700 Anopheles sp	+
77120 Ablabesmyia mallochii	+
77355 Clinotanypus pinguis	+
77500 Conchapelopia sp	+
78655 Procladius (Holotanypus) sp	+
82730 Chironomus (C.) decorus group	+
83002 Dicrotendipes modestus	+
83051 Dicrotendipes simpsoni	+
83158 Endochironomus nigricans	+
84210 Paratendipes albimanus or P. duplicatus	+
84700 Stenochironomus sp	+
85800 Tanytarsus sp	+
92613 Cipangopaludina chinensis malleata	+
95100 Physella sp	+
96264 Planorbella (Pierosoma) pilsbryi	+
96900 Ferrissia sp	+

Rivercode: 19-008-000

River Mile: 3.40

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
35	2	0	0	35		0		Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04666 Helobdella papillata	+
06700 Crangonyx sp	+
08601 Hydrachnidia	+
17200 Caenis sp	+
22001 Coenagrionidae	+
27307 Epiteca (Epicordulia) princeps	+
28208 Erythemis simplicicollis	+
43300 Ranatra sp	+
45100 Palmacorixa sp	+
45400 Trichocorixa sp	+
45900 Notonecta sp	+
53501 Hydroptilidae	+
60900 Peltodytes sp	+
65800 Berosus sp	+
68201 Scirtidae	+
68707 Dubiraphia quadrinotata	+
72700 Anopheles sp	+
74673 Atrichopogon websteri	+
79020 Tanypus neopunctipennis	+
82730 Chironomus (C.) decorus group	+
83002 Dicrotendipes modestus	+
83051 Dicrotendipes simpsoni	+
83158 Endochironomus nigricans	+
84210 Paratendipes albimanus or P. duplicatus	+
84470 Polypedilum (P.) illinoense	+
84520 Polypedilum (Tripodura) halterale group	+
84800 Tribelos jucundum	+
87250 Odontomyia (Odontomyiina) sp	+
92613 Cipangopaludina chinensis malleata	+
95100 Physella sp	+
96900 Ferrissia sp	+
98600 Sphaerium sp	+

Rivercode: 19-008-000

River Mile: 2.59

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
43	4	0	0	43		0		Low Fair	ABOVE NO

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04637 Placobdella phalera	+
04664 Helobdella stagnalis	+
04666 Helobdella papillata	+
04685 Placobdella ornata	+
04935 Erpobdella punctata punctata	+
05800 Caecidotea sp	+
06700 Crangonyx sp	+
08250 Faxonius rusticus	+
08601 Hydrachnidia	+
13521 Stenonema femoratum	+
17200 Caenis sp	+
22001 Coenagrionidae	+
23700 Anax sp	+
24600 Arigomphus sp	+
28208 Erythemis simplicicollis	+
28955 Plathemis lydia	+
42700 Belostoma sp	+
43570 Neoplea sp	+
45400 Trichocorixa sp	+
48220 Chauliodes rastricornis	+
53800 Hydroptila sp	+
59728 Triaenodes marginatus	+
60800 Haliplus sp	+
60900 Peltodytes sp	+
65800 Berosus sp	+
68702 Dubiraphia bivittata	+
69400 Stenelmis sp	+
72420 Chaoborus sp	+
72700 Anopheles sp	+
77355 Clinotanypus pinguis	+
82800 Cladopelma sp	+
83002 Dicrotendipes modestus	+
83040 Dicrotendipes neomodestus	+
83051 Dicrotendipes simpsoni	+
84470 Polypedilum (P.) illinoense	+
92613 Cipangopaludina chinensis malleata	+
95100 Physella sp	+
95907 Gyraulus (Torquis) parvus	+
98200 Pisidium sp	+
98600 Sphaerium sp	+

Rivercode: 19-008-000

River Mile: 2.39

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
64	11	0	0	64		0		Marginally Good	NORMAL

Taxa	Quant/Qual
00653 Eunapius fragilis	+ 84800 Tribelos jucundum +
01320 Hydra sp	+ 85500 Paratanytarsus sp +
01801 Turbellaria	+ 93200 Hydrobiidae +
03360 Plumatella sp	+ 95100 Physella sp +
03600 Oligochaeta	+ 96120 Menetus (Micromenetus) dilatatus +
04664 Helobdella stagnalis	+ 96264 Planorbella (Pierosoma) pilsbryi +
04666 Helobdella papillata	+ 98200 Pisidium sp +
04935 Erpobdella punctata punctata	+ 98600 Sphaerium sp +
05800 Caecidotea sp	+
06201 Hyalella sp	+
06700 Crangonyx sp	+
08250 Faxonius rusticus	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
11200 Callibaetis sp	+
13521 Stenonema femoratum	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
23700 Anax sp	+
23804 Basiaeschna janata	+
27307 Epitheca (Epicordulia) princeps	+
28208 Erythemis simplicicollis	+
28955 Plathemis lydia	+
42700 Belostoma sp	+
43570 Neoplea sp	+
44300 Pelocoris sp	+
45400 Trichocorixa sp	+
45900 Notonecta sp	+
48220 Chauliodes rastricornis	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
55300 Ptilostomis sp	+
59520 Oecetis cinerascens	+
59728 Triaenodes marginatus	+
60900 Peltodytes sp	+
63300 Hydroporini	+
65800 Berosus sp	+
66500 Enochrus sp	+
67800 Tropisternus sp	+
68702 Dubiraphia bivittata	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
72700 Anopheles sp	+
72900 Culex sp	+
74501 Ceratopogonidae	+
77355 Clinotanypus pinguis	+
78200 Larsia sp	+
83002 Dicrotendipes modestus	+
83040 Dicrotendipes neomodestus	+
84470 Polypedilum (P.) illinoense	+
84500 Polypedilum (P.) trigonus	+
84520 Polypedilum (Tripodura) halterale group	+

Rivercode: 19-008-000

River Mile: 2.39

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
43	6	0	0	43		0		Fair	LOW

Taxa	Quant/Qual
01320 Hydra sp	+
01801 Turbellaria	+
04664 Helobdella stagnalis	+
05800 Caecidotea sp	+
06201 Hyalella sp	+
08250 Faxonius rusticus	+
08601 Hydrachnidia	+
11200 Callibaetis sp	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
28955 Plathemis lydia	+
42700 Belostoma sp	+
42800 Lethocerus sp	+
43300 Ranatra sp	+
44300 Pelocoris sp	+
45100 Palmacorixa sp	+
45400 Trichocorixa sp	+
52200 Cheumatopsyche sp	+
53800 Hydroptila sp	+
59500 Oecetis sp	+
59570 Oecetis nocturna	+
65800 Berosus sp	+
67800 Tropisternus sp	+
68702 Dubiraphia bivittata	+
68708 Dubiraphia vittata group	+
77750 Thienemannimyia sp	+
80420 Cricotopus (C.) bicinctus	+
82141 Thienemanniella xena	+
82820 Cryptochironomus sp	+
83000 Dicrotendipes sp	+
83158 Endochironomus nigricans	+
84470 Polypedilum (P.) illinoense	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
87540 Hemerodromia sp	+
92615 Cipangopaludina japonica	+
93200 Hydrobiidae	+
94400 Fossaria sp	+
96264 Planorbella (Pierosoma) pilsbryi	+
96930 Laevapex fuscus	+
98600 Sphaerium sp	+
99100 Pyganodon grandis	+

Rivercode: 19-008-000

River Mile: 1.41

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
51	8	2	0	51		2		Fair	NORMAL
Taxa					Quant/Qual				
01801	Turbellaria								+
03360	Plumatella sp								+
03600	Oligochaeta								+
04637	Placobdella phalera								+
04664	Helobdella stagnalis								+
05800	Caecidotea sp								+
06201	Hyaella sp								+
06700	Crangonyx sp								+
08250	Faxonius rusticus								+
08601	Hydrachnidia								+
11130	Baetis intercalaris								+
13400	Stenacron sp								+
17200	Caenis sp								+
21200	Calopteryx sp								+
22001	Coenagrionidae								+
22300	Argia sp								+
23804	Basiaeschna janata								+
27307	Epitheca (Epicordulia) princeps								+
28705	Pachydiplax longipennis								+
42700	Belostoma sp								+
44300	Pelocoris sp								+
45400	Trichocorixa sp								+
52200	Cheumatopsyche sp								+
52530	Hydropsyche depravata group								+
53800	Hydroptila sp								+
59570	Oecetis nocturna								+
59700	Triaenodes sp								+
60900	Peltodytes sp								+
65800	Berosus sp								+
67800	Tropisternus sp								+
68702	Dubiraphia bivittata								+
68708	Dubiraphia vittata group								+
72700	Anopheles sp								+
77355	Clinotanypus pinguis								+
77500	Conchapelopia sp								+
78655	Procladius (Holotanypus) sp								+
79030	Tanypus punctipennis (sensu Roback, 1977)								+
80410	Cricotopus (C.) sp								+
80420	Cricotopus (C.) bicinctus								+
82101	Thienemanniella taurocapita								+
82121	Thienemanniella lobapodema								+
82820	Cryptochironomus sp								+
83040	Dicrotendipes neomodestus								+
84450	Polypedilum (Uresipedilum) flavum								+
84470	Polypedilum (P.) illinoense								+
84540	Polypedilum (Tripodura) scalaenum group								+
84700	Stenochironomus sp								+
85625	Rheotanytarsus sp								+
92613	Cipangopaludina chinensis malleata								+
93200	Hydrobiidae								+
95100	Physella sp								+

Rivercode: 19-008-000

River Mile: 1.41

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
47	12	2	0	47		2		Good	LOW

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04653 Glossiphonia complanata	+
04664 Helobdella stagnalis	+
04935 Erpobdella punctata punctata	+
05800 Caecidotea sp	+
08250 Faxonius rusticus	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
11200 Callibaetis sp	+
13400 Stenacron sp	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
42700 Belostoma sp	+
44300 Pelocoris sp	+
45400 Trichocorixa sp	+
51610 Polycentropus sp	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
59550 Oecetis inconspicua complex sp A (sensu Floyd, 1995)	+
59570 Oecetis nocturna	+
59728 Triaenodes marginatus	+
65700 Anacaena sp	+
65800 Berosus sp	+
67700 Paracymus sp	+
67800 Tropisternus sp	+
68702 Dubiraphia bivittata	+
68708 Dubiraphia vittata group	+
68901 Macronychus glabratus	+
77355 Clinotanypus pinguis	+
77500 Conchapelopia sp	+
77750 Thienemannimyia sp	+
82141 Thienemanniella xena	+
82885 Cryptotendipes pseudotener	+
84470 Polypedilum (P.) illinoense	+
84700 Stenochironomus sp	+
84800 Tribelos jucundum	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
92615 Cipangopaludina japonica	+
93200 Hydrobiidae	+
95100 Physella sp	+
96264 Planorbella (Pierosoma) pilsbryi	+
98600 Sphaerium sp	+
99100 Pyganodon grandis	+

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
60	8	1	0	60		1		Fair	NORMAL

Taxa	Quant/Qual	
01801 Turbellaria	+ 95100	Physella sp
03040 Fredericella sp	+ 95907	Gyraulus (Torquis) parvus
03360 Plumatella sp	+ 96120	Menetus (Micromenetus) dilatatus
03600 Oligochaeta	+ 98600	Sphaerium sp
04637 Placobdella phalera	+	
04664 Helobdella stagnalis	+	
04666 Helobdella papillata	+	
04685 Placobdella ornata	+	
05800 Caecidotea sp	+	
06201 Hyalella sp	+	
08250 Faxonius rusticus	+	
11200 Callibaetis sp	+	
13400 Stenacron sp	+	
17200 Caenis sp	+	
21200 Calopteryx sp	+	
22001 Coenagrionidae	+	
22300 Argia sp	+	
23804 Basiaeschna janata	+	
24900 Gomphus Complex	+	
27600 Epiteca (Tetragoneuria) sp	+	
43570 Neoplea sp	+	
45100 Palmacorixa sp	+	
45900 Notonecta sp	+	
47600 Sialis sp	+	
52200 Cheumatopsyche sp	+	
53501 Hydroptilidae	+	
59500 Oecetis sp	+	
59570 Oecetis nocturna	+	
59728 Triaenodes marginatus	+	
60900 Peltodytes sp	+	
63300 Hydroporini	+	
66500 Enochrus sp	+	
67800 Tropisternus sp	+	
68201 Scirtidae	+	
68601 Ancyronyx variegatus	+	
68702 Dubiraphia bivittata	+	
68708 Dubiraphia vittata group	+	
72700 Anopheles sp	+	
77355 Clinotanypus pinguis	+	
78655 Procladius (Holotanypus) sp	+	
80410 Cricotopus (C.) sp	+	
80420 Cricotopus (C.) bicinctus	+	
82820 Cryptochironomus sp	+	
83040 Dicrotendipes neomodestus	+	
83051 Dicrotendipes simpsoni	+	
84210 Paratendipes albimanus or P. duplicatus	+	
84315 Phaenopsectra flavipes	+	
84450 Polypedilum (Uresipedilum) flavum	+	
84470 Polypedilum (P.) illinoense	+	
84700 Stenochironomus sp	+	
84800 Tribelos jucundum	+	
85500 Paratanytarsus sp	+	
85615 Rheotanytarsus pellucidus	+	
85625 Rheotanytarsus sp	+	
87540 Hemerodromia sp	+	
93200 Hydrobiidae	+	

Station: 302680

TRIB. TO POND BROOK (3.90) AT REMINDERVILLE @ LIBERTY RD.

0:00 9/12/16

Rivercode: 19-008-004

River Mile: 0.92

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
31	1	0	0	31		0		Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04666 Helobdella papillata	+
04686 Placobdella papillifera	+
08601 Hydrachnidia	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
27307 Epitheca (Epicordulia) princeps	+
27600 Epitheca (Tetragoneuria) sp	+
28208 Erythemis simplicicollis	+
52530 Hydropsyche depravata group	+
71900 Tipula sp	+
72700 Anopheles sp	+
74100 Simulium sp	+
78655 Procladius (Holotanypus) sp	+
80420 Cricotopus (C.) bicinctus	+
82800 Cladopelma sp	+
83002 Dicotendipes modestus	+
83051 Dicotendipes simpsoni	+
83160 Endochironomus subtendens	+
84000 Parachironomus sp	+
84210 Paratendipes albimanus or P. duplicatus	+
84470 Polypedilum (P.) illinoense	+
84900 Zavreliella marmorata	+
92613 Cipangopaludina chinensis malleata	+
95100 Physella sp	+
96120 Menetus (Micromenetus) dilatatus	+
98200 Pisidium sp	+
98600 Sphaerium sp	+

Rivercode: 19-008-004

River Mile: 0.50

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
49	6	0	0	49		0		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04666 Helobdella papillata	+
04682 Placobdella montifera	+
04935 Erpobdella punctata punctata	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
23700 Anax sp	+
23909 Boyeria vinosa	+
24900 Gomphus Complex	+
27307 Epiteca (Epicordulia) princeps	+
27600 Epiteca (Tetragoneuria) sp	+
28500 Libellula sp	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
60900 Peltodytes sp	+
65800 Berosus sp	+
68201 Scirtidae	+
69400 Stenelmis sp	+
77130 Ablabesmyia rhamphe group	+
78655 Procladius (Holotanypus) sp	+
79020 Tanypus neopunctipennis	+
80410 Cricotopus (C.) sp	+
82100 Thienemanniella sp	+
82820 Cryptochironomus sp	+
82885 Cryptotendipes pseudotener	+
83002 Dicrotendipes modestus	+
83040 Dicrotendipes neomodestus	+
84210 Paratendipes albimanus or P. duplicatus	+
84315 Phaenopsectra flavipes	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
86100 Chrysops sp	+
87540 Hemerodromia sp	+
95100 Physella sp	+
96120 Menetus (Micromenetus) dilatatus	+
98200 Pisidium sp	+
98600 Sphaerium sp	+

Rivercode: 19-008-004

River Mile: 0.01

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
41	3	0	0	41		0		Low Fair	ABOVE NO

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04666 Helobdella papillata	+
04935 Erpobdella punctata punctata	+
07701 Cambaridae	+
08601 Hydrachnidia	+
17200 Caenis sp	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
24900 Gomphus Complex	+
27600 Epiteca (Tetragoneuria) sp	+
28208 Erythemis simplicicollis	+
45100 Palmacorixa sp	+
53501 Hydroptilidae	+
59555 Oecetis inconspicua complex sp F (sensu Floyd, 1995)	+
60400 Gyrinus sp	+
60900 Peltodytes sp	+
68700 Dubiraphia sp	+
69400 Stenelmis sp	+
72700 Anopheles sp	+
77120 Ablabesmyia mallochi	+
78655 Procladius (Holotanypus) sp	+
82730 Chironomus (C.) decorus group	+
82882 Cryptotendipes sp 2	+
82885 Cryptotendipes pseudotener	+
83051 Dicrotendipes simpsoni	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
84700 Stenochironomus sp	+
84800 Tribelos jucundum	+
85230 Cladotanytarsus mancus group	+
85500 Paratanytarsus sp	+
85800 Tanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
95100 Physella sp	+
96002 Helisoma anceps anceps	+
96264 Planorbella (Pierosoma) pilsbryi	+
98600 Sphaerium sp	+

Rivercode: 19-041-001

River Mile: 5.20

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
39	5	2	0	39		2		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03040 Fredericella sp	+
03600 Oligochaeta	+
04666 Helobdella papillata	+
05800 Caecidotea sp	+
06700 Crangonyx sp	+
11120 Baetis flavistriga	+
21200 Calopteryx sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
23600 Aeshna sp	+
24900 Gomphus Complex	+
27500 Somatochlora sp	+
50301 Chimarra aterrima	+
52200 Cheumatopsyche sp	+
52530 Hydropsyche depravata group	+
59300 Mystacides sp	+
65800 Berosus sp	+
68601 Ancyronyx variegatus	+
68707 Dubiraphia quadrinotata	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
71900 Tipula sp	+
72700 Anopheles sp	+
74501 Ceratopogonidae	+
77120 Ablabesmyia mallochii	+
77800 Helopelopia sp	+
78655 Procladius (Holotanypus) sp	+
80351 Corynoneura caudicula	+
82820 Cryptochironomus sp	+
82885 Cryptotendipes pseudotener	+
84210 Paratendipes albimanus or P. duplicatus	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
87540 Hemerodromia sp	+
98600 Sphaerium sp	+

Rivercode: 19-090-000

River Mile: 1.09

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
34	2	0	0	34		0		Poor	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
05800 Caecidotea sp	+
06201 Hyalella sp	+
08601 Hydrachnidia	+
17200 Caenis sp	+
22001 Coenagrionidae	+
29000 Sympetrum sp	+
42700 Belostoma sp	+
43570 Neoplea sp	+
45100 Palmacorixa sp	+
59728 Triaenodes marginatus	+
60400 Gyrinus sp	+
60800 Halipus sp	+
60900 Peltodytes sp	+
61400 Agabus sp	+
63300 Hydroporini	+
63900 Laccophilus sp	+
67800 Tropisternus sp	+
68201 Scirtidae	+
77355 Clinotanypus pinguis	+
82710 Chironomus (C.) sp	+
82885 Cryptotendipes pseudotener	+
84470 Polypedilum (P.) illinoense	+
84520 Polypedilum (Tripodura) halterale group	+
92613 Cipangopaludina chinensis malleata	+
93200 Hydrobiidae	+
94400 Fossaria sp	+
95100 Physella sp	+
95907 Gyraulus (Torquis) parvus	+
96264 Planorbella (Pierosoma) pilsbryi	+
98200 Pisidium sp	+
98600 Sphaerium sp	+

Station: 303666

TRIB TO BLACK R. (6.55) WITHIN CLINTON AVE. RESTORATION AREA

0:00 7/6/16

Rivercode: 20-001-002

River Mile: 3.00

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
33	3	1	3	33		1		Low Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04935 Erpobdella punctata punctata	+
11120 Baetis flavistriga	+
21604 Archilestes grandis	+
23600 Aeshna sp	+
28955 Plathemis lydia	+
44501 Corixidae	+
52200 Cheumatopsyche sp	+
53800 Hydroptila sp	+
60900 Peltodytes sp	+
61400 Agabus sp	+
67700 Paracymus sp	+
71900 Tipula sp	+
72700 Anopheles sp	+
74501 Ceratopogonidae	+
77250 Alotanypus venustus	+
77500 Conchapelopia sp	+
78350 Meropelopia sp	+
78655 Procladius (Holotanypus) sp	+
79720 Diamesa sp	+
82820 Cryptochironomus sp	+
83003 Dicrotendipes fumidus	+
84210 Paratendipes albimanus or P. duplicatus	+
84450 Polypedilum (Uresipedilum) flavum	+
84540 Polypedilum (Tripodura) scalaenum group	+
84800 Tribelos jucundum	+
85501 Paratanytarsus longistilus	+
85625 Rheotanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
92613 Cipangopaludina chinensis malleata	+
98200 Pisidium sp	+

Rivercode: 23-001-000

River Mile: 13.35

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
30	9	5	1	60	3,342	10	44		0.70 NORMAL

Taxa	Quant/Qual	
01801 Turbellaria	11+	95100 Physella sp +
03600 Oligochaeta	44	96120 Menetus (Micromenetus) dilatatus +
08250 Faxonius rusticus	+	96900 Ferrissia sp 21
08601 Hydrachnidia	16	97601 Corbicula fluminea 28+
11120 Baetis flavistriga	55+	
11130 Baetis intercalaris	136+	
13521 Stenonema femoratum	24+	
17200 Caenis sp	33+	
21200 Calopteryx sp	+	
21300 Hetaerina sp	15+	
22001 Coenagrionidae	+	
22300 Argia sp	1+	
50315 Chimarra obscura	115+	
51206 Cymellus fraternus	1	
51600 Polycentropus group	+	
52200 Cheumatopsyche sp	1,199+	
52430 Ceratopsyche morosa group	799+	
52530 Hydropsyche depravata group	79	
52570 Hydropsyche simulans	3	
53800 Hydroptila sp	4+	
59970 Petrophila sp	1+	
65800 Berosus sp	4	
68025 Ectopria sp	1	
68075 Psephenus herricki	+	
68601 Ancyronyx variegatus	4	
68708 Dubiraphia vittata group	4+	
69400 Stenelmis sp	10+	
77120 Ablabesmyia mallochii	+	
77500 Conchapelopia sp	15	
77750 Thienemannimyia sp	168	
77800 Helopelopia sp	31	
78450 Nilotanypus fimbriatus	25	
78655 Procladius (Holotanypus) sp	+	
80360 Corynoneura floridaensis	4	
80370 Corynoneura lobata	4	
80410 Cricotopus (C.) sp	15+	
80420 Cricotopus (C.) bicinctus	8	
80430 Cricotopus (C.) tremulus group	8	
81231 Nanocladius (N.) crassicornus or N. (N.) "rectinervis"	+	
81650 Parametrioctenemus sp	8	
81825 Rheocricotopus (Psilocricotopus) robacki	53	
82130 Thienemanniella similis	4	
82141 Thienemanniella xena	12	
82220 Tvetenia discoloripes group	8	
82730 Chironomus (C.) decorus group	+	
83040 Dicrotendipes neomodestus	+	
84450 Polypedilum (Uresipedilum) flavum	69	
84470 Polypedilum (P.) illinoense	8	
84540 Polypedilum (Tripodura) scalaenum group	46	
84700 Stenochironomus sp	8	
85615 Rheotanytarsus pellucidus	15	
85625 Rheotanytarsus sp	137+	
85800 Tanytarsus sp	38	
85821 Tanytarsus glabrescens group sp 7	46	
85840 Tanytarsus sepp	+	
87540 Hemerodromia sp	4	

Rivercode: 23-001-000

River Mile: 7.85

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
46	13	8	2	60	5,187	9	44		1.20 NORMAL

Taxa	Quant/Qual	
01801 Turbellaria	178+	87540 Hemerodromia sp 8
03360 Plumatella sp	3+	96900 Ferrissia sp 9+
03600 Oligochaeta	34+	97601 Corbicula fluminea 2+
04661 Helobdella elongata	+	98600 Sphaerium sp 2
04962 Erpobdella fervida	+	
04964 Erpobdella microstoma	+	
05900 Lirceus sp	7+	
06800 Gammarus sp	1	
08250 Faxonius rusticus	+	
08601 Hydrachnidia	8+	
11120 Baetis flavistriga	+	
11130 Baetis intercalaris	949+	
11670 Proclouon viridoculare	+	
13400 Stenacron sp	+	
13521 Stenonema femoratum	9+	
16700 Tricorythodes sp	16	
17200 Caenis sp	25+	
22300 Argia sp	+	
44501 Corixidae	+	
50315 Chimarra obscura	513+	
51206 Cynellus fraternus	33+	
51600 Polycentropus group	+	
52200 Cheumatopsyche sp	1,275+	
52430 Ceratopsyche morosa group	445+	
52530 Hydropsyche depravata group	61+	
53800 Hydroptila sp	12+	
59970 Petrophila sp	8+	
60900 Peltodytes sp	+	
68025 Ectopria sp	+	
68075 Psephenus herricki	+	
69400 Stenelmis sp	77+	
74501 Ceratopogonidae	32	
77120 Ablabesmyia mallochi	+	
77500 Conchapelopia sp	26	
77750 Thienemannimyia sp	38	
78350 Meropelopia sp	64	
78450 Nilotanytus fimbriatus	38+	
78750 Rheopelopia paramaculipennis	+	
80310 Cardiocladius obscurus	+	
80410 Cricotopus (C.) sp	26+	
80420 Cricotopus (C.) bicinctus	154+	
80430 Cricotopus (C.) tremulus group	26	
81650 Parametriochnemus sp	13	
82820 Cryptochironomus sp	+	
83040 Dicotendipes neomodestus	26+	
83300 Glyptotendipes (G.) sp	39	
84450 Polypedilum (Uresipedilum) flavum	708+	
84470 Polypedilum (P.) illinoense	+	
84540 Polypedilum (Tripodura) scalaenum group	103+	
84700 Stenochironomus sp	13	
84960 Pseudochironomus sp	+	
85230 Cladotanytarsus mancus group	+	
85500 Paratanytarsus sp	13	
85625 Rheotanytarsus sp	180+	
85800 Tanytarsus sp	+	
85821 Tanytarsus glabrescens group sp 7	13	

Rivercode: 23-001-000

River Mile: 4.90

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
28	7	4	0	28		4		Fair	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04661 Helobdella elongata	+
04901 Erpobdellidae	+
11130 Baetis intercalaris	+
17200 Caenis sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
45400 Trichocorixa sp	+
50315 Chimarra obscura	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
53800 Hydroptila sp	+
59407 Nectopsyche candida	+
68025 Ectopria sp	+
69400 Stenelmis sp	+
77120 Ablabesmyia mallochi	+
77750 Thienemannimyia sp	+
78750 Rheopelopia paramaculipennis	+
80410 Cricotopus (C.) sp	+
80420 Cricotopus (C.) bicinctus	+
82820 Cryptochironomus sp	+
83040 Dicrotendipes neomodestus	+
84040 Parachironomus frequens	+
84540 Polypedilum (Tripodura) scalaenum group	+
84700 Stenochironomus sp	+
97601 Corbicula fluminea	+

Rivercode: 23-001-000

River Mile: 4.25

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
40	11	6	0	40		6		Marginally Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04661 Helobdella elongata	+
08601 Hydrachnidia	+
11130 Baetis intercalaris	+
11600 Paracloeodes fleeki	+
13521 Stenonema femoratum	+
16700 Tricorythodes sp	+
17200 Caenis sp	+
21300 Hetaerina sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
27001 Corduliidae	+
28500 Libellula sp	+
44501 Corixidae	+
50315 Chimarra obscura	+
51206 Cynellus fraternus	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
65800 Berosus sp	+
67700 Paracymus sp	+
69400 Stenelmis sp	+
77120 Ablabesmyia mallochi	+
77750 Thienemannimyia sp	+
78655 Procladius (Holotanypus) sp	+
78750 Rheopelopia paramaculipennis	+
79085 Telopelopia okoboji	+
80410 Cricotopus (C.) sp	+
80420 Cricotopus (C.) bicinctus	+
82730 Chironomus (C.) decorus group	+
82820 Cryptochironomus sp	+
83040 Dicrotendipes neomodestus	+
84470 Polypedilum (P.) illinoense	+
84540 Polypedilum (Tripodura) scalaenum group	+
85625 Rheotanytarsus sp	+
89501 Ephydridae	+
97601 Corbicula fluminea	+

Station: 303660

TRIB. TO CILLEY CR. (1.40) UPST. IMPOUNDMENT @ STEARNS WOODS

0:00 8/8/16

Rivercode: 23-001-020

River Mile: 0.80

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
14	3	1	2	14		1		Fair	LOW

Taxa	Quant/Qual
01801 Turbellaria	+
03600 Oligochaeta	+
05900 Lirceus sp	+
06700 Crangonyx sp	+
07820 Cambarus (Cambarus) bartonii cavatus	+
15000 Paraleptophlebia sp	+
52315 Diplectrona modesta	+
57400 Neophylax sp	+
68025 Ectopria sp	+
68130 Helichus sp	+
79400 Zavreliomyia (Z.) sp	+
84210 Paratendipes albimanus or P. duplicatus	+
84470 Polypedilum (P.) illinoense	+
87400 Stratiomys sp	+

Rivercode: 23-006-000

River Mile: 1.85

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
55	12	6	0	55		6		Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04664 Helobdella stagnalis	+
04935 Erpobdella punctata punctata	+
05900 Lirceus sp	+
06700 Crangonyx sp	+
08250 Faxonius rusticus	+
08601 Hydrachnidia	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
17200 Caenis sp	+
22001 Coenagrionidae	+
22300 Argia sp	+
23804 Basiaeschna janata	+
27500 Somatochlora sp	+
43570 Neoplea sp	+
50301 Chimarra aterrima	+
50315 Chimarra obscura	+
51600 Polycentropus group	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
60900 Peltodytes sp	+
65800 Berosus sp	+
67800 Tropisternus sp	+
68025 Ectopria sp	+
68075 Psephenus herricki	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
71900 Tipula sp	+
74100 Simulium sp	+
77120 Ablabesmyia mallochi	+
77500 Conchapelopia sp	+
77800 Helopelopia sp	+
78401 Natarsia species A (sensu Roback, 1978)	+
78655 Procladius (Holotanypus) sp	+
80430 Cricotopus (C.) tremulus group	+
82820 Cryptochironomus sp	+
83003 Dicrotendipes fumidus	+
84210 Paratendipes albimanus or P. duplicatus	+
84450 Polypedilum (Uresipedilum) flavum	+
84470 Polypedilum (P.) illinoense	+
84750 Stictochironomus sp	+
85230 Cladotanytarsus mancus group	+
85500 Paratanytarsus sp	+
85615 Rheotanytarsus pellucidus	+
85625 Rheotanytarsus sp	+
85800 Tanytarsus sp	+
85821 Tanytarsus glabrescens group sp 7	+
95100 Physella sp	+
97601 Corbicula fluminea	+

Rivercode: 23-006-000

River Mile: 1.15

Sensitive

Qual Taxa	Qual EPT	Qual Sensitive	Coldwater	Total Taxa	Total Number	Sensitive Taxa	ICI	Narrative	Flow
46	14	6	0	46		6		Good	NORMAL

Taxa	Quant/Qual
01801 Turbellaria	+
03360 Plumatella sp	+
03600 Oligochaeta	+
04661 Helobdella elongata	+
04664 Helobdella stagnalis	+
04687 Placobdella parasitica	+
04964 Erpobdella microstoma	+
05900 Lirceus sp	+
08250 Faxonius rusticus	+
11120 Baetis flavistriga	+
11130 Baetis intercalaris	+
13400 Stenacron sp	+
13521 Stenonema femoratum	+
17200 Caenis sp	+
22001 Coenagrionidae	+
27600 Epitheca (Tetragoneuria) sp	+
50301 Chimarra aterrima	+
50315 Chimarra obscura	+
51050 Cernotina sp	+
52200 Cheumatopsyche sp	+
52430 Ceratopsyche morosa group	+
52530 Hydropsyche depravata group	+
53800 Hydroptila sp	+
59570 Oecetis nocturna	+
59720 Triaenodes ignitus	+
60900 Peltodytes sp	+
65800 Berosus sp	+
68075 Psephenus herricki	+
68130 Helichus sp	+
68707 Dubiraphia quadrinotata	+
68708 Dubiraphia vittata group	+
69400 Stenelmis sp	+
74501 Ceratopogonidae	+
77120 Ablabesmyia mallochi	+
77500 Conchapelopia sp	+
77800 Helopelopia sp	+
80420 Cricotopus (C.) bicinctus	+
84450 Polypedilum (Uresipedilum) flavum	+
84700 Stenochironomus sp	+
84750 Stictochironomus sp	+
85210 Cladotanytarsus species group B	+
85230 Cladotanytarsus mancus group	+
85500 Paratanytarsus sp	+
85625 Rheotanytarsus sp	+
95100 Physella sp	+
97601 Corbicula fluminea	+