

Ohio Water Resource Inventory

Appendices to Volume I



Summary, Status, and Trends

1996



State of Ohio Environmental Protection Agency

P.O. Box 1049
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Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat- ened	Partial		
UPPER MAHONING RIVER								
OH 1 1	[18-001 - URM: 55.47 - LRM: 45.57] - MAHONING RIVER (WEST BRANCH TO DUCK CREEK)	96	MB				9.9	
OH 1 3	[18-040 - URM: 10.90 - LRM: 0.00] - EAGLE CREEK (SOUTH FORK EAGLE CR. TO MAHONING R.)	96	MB	7.3			3.6	
OH 1 6	[18-043 - URM: 9.00 - LRM: 0.00] - SOUTH FORK EAGLE CREEK	88	MB	3.1		1.0		4.9
OH 1 8	[18-040 - URM: 25.00 - LRM: 10.90] - EAGLE CREEK (HEADWATERS TO SOUTH FORK EAGLE CREEK)	88	EB	9.7		1.1	3.3	
OH 1 10	[18-046 - URM: 7.20 - LRM: 0.00] - SILVER CREEK	96	MB	7.2				
OH 1 11	[18-065 - URM: 1.70 - LRM: 0.00] - HIRAM TRIB.	88	EB				1.3	0.4
OH 1 14	[18-050 - URM: 13.20 - LRM: 0.00] - WEST BRANCH MAHONING RIVER	96	MB			0.5		12.7
OH 1 20	[18-001 - URM: 63.57 - LRM: 55.47] - MAHONING RIVER (MILTON DAM TO WEST BRANCH)	96	MB			3.8	4.3	
OH 1 21	[18-048 - URM: 13.00 - LRM: 0.00] - KALE CREEK	88	EC	0.5				12.5
OH 1 30	[18-001 - URM: 110.03 - LRM: 82.03] - MAHONING RIVER (HEADWATERS TO BEECH CREEK)	96	MB	17.3			9.0	1.7
OH 1 30.1	[18-066 - URM: 6.60 - LRM: 0.00] - NAYLOR DITCH (SEBRING)	88	EC				1.0	5.6
OH 1 33	[18-063 - URM: 4.20 - LRM: 0.00] - FISH CREEK	88	EB			0.1	4.1	
Subbasin Totals:				45.1		6.5	36.5	
LOWER MAHONING RIVER								
OH 2 1	[18-001 - URM: 15.39 - LRM: 11.43] - MAHONING RIVER (YELLOW CREEK TO PA.)	96	MB				3.9	-0.0
OH 2 3	[18-005 - URM: 2.70 - LRM: 0.00] - HINES RUN	88	EC	0.5				2.2
OH 2 5	[18-007 - URM: 11.10 - LRM: 0.00] - YELLOW CREEK	96	MB				1.0	10.1
OH 2 7	[18-001 - URM: 21.67 - LRM: 15.39] - MAHONING RIVER (MILL CREEK TO YELLOW CREEK)	96	MB				6.2	0.0
OH 2 9	[18-010 - URM: 7.10 - LRM: 0.00] - DRY RUN	96	MB			1.0		6.1
OH 2 10	[18-011 - URM: 7.80 - LRM: 0.00] - CRAB CREEK	88	EC	0.5				7.3
OH 2 12	[18-020 - URM: 20.90 - LRM: 0.00] - MILL CREEK	96	MB				11.3	9.6
OH 2 13	[18-021 - URM: 4.10 - LRM: 0.00] - BEARS DEN RUN	96	MB				0.5	3.6
OH 2 14	[18-022 - URM: 4.00 - LRM: 0.00] - AX FACTORY RUN	96	MB				0.5	3.5
OH 2 15	[18-023 - URM: 4.50 - LRM: 0.00] - ANDERSONS RUN	96	MB				0.5	4.0
OH 2 16	[18-024 - URM: 1.60 - LRM: 0.00] - CRANBERRY RUN	88	EC				0.5	1.1
OH 2 17	[18-025 - URM: 4.80 - LRM: 0.00] - INDIAN RUN	96	MB				0.5	4.3
OH 2 18	[18-026 - URM: 2.40 - LRM: 0.00] - SAW MILL RUN	88	EC				1.0	1.4

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH 2 20	[18-001 - URM: 30.27 - LRM: 21.67] - MAHONING RIVER (MEANDER CREEK TO MILL CREEK)	96	MB				8.5	0.1
OH 2 22	[18-014 - URM: 6.70 - LRM: 0.00] - SQUAW CREEK	88	EC	0.5				6.2
OH 2 23	[18-015 - URM: 20.40 - LRM: 0.00] - MEANDER CREEK	96	MB				3.0	17.4
OH 2 27	[18-030 - URM: 12.49 - LRM: 0.00] - MOSQUITO CREEK (MOSQUITO CR. RES. TO MAHONING R.)	96	MB				12.4	0.0
OH 2 31	[18-030 - URM: 35.00 - LRM: 11.80] - MOSQUITO CREEK (HEADWATERS TO MOSQUITO CR. RES.)	88	MB			1.0		22.2
OH 2 35	[18-001 - URM: 45.57 - LRM: 30.27] - MAHONING RIVER (DUCK CREEK TO MEANDER CREEK)	96	MB	0.3		5.8	9.2	
OH 2 37	[18-028 - URM: 4.70 - LRM: 0.00] - RED RUN	88	EC				4.7	
OH 2 37.1	[18-067 - URM: 2.17 - LRM: 0.00] - TRIB. TO RED RUN (WARREN)	88	EC				0.5	1.6
OH 2 38	[18-029 - URM: 12.80 - LRM: 0.00] - DUCK CREEK	88	EC	0.5				12.3
Subbasin Totals:				2.3		7.8	64.2	
PYMATUNING CREEK								
OH 3 1	[18-504 - URM: 13.20 - LRM: 0.00] - LITTLE YANKEE RUN	96	MB	4.0		1.6	7.6	
OH 3 2	[18-505 - URM: 6.90 - LRM: 0.00] - LITTLE DEER CREEK	96	MB			0.5		6.4
OH 3 3	[18-506 - URM: 14.80 - LRM: 0.00] - YANKEE RUN	96	MB	3.8		3.5	7.5	
OH 3 3.1	[- - URM: 0.00 - LRM: 0.00] -	88	EB				2.0	-2.0
OH 3 6	[18-550 - URM: 19.79 - LRM: 0.00] - PYMATUNING CREEK (SHENANGO RESERVOIR TO PA.)	96	MB				19.7	
OH 3 10	[18-550 - URM: 34.33 - LRM: 19.80] - PYMATUNING CREEK (HEADWATERS TO SHENANGO RES.)	96	MB			6.7	7.8	
OH 3 11	[18-556 - URM: 8.10 - LRM: 0.00] - SUGAR CREEK	96	MB	1.0				7.1
Subbasin Totals:				8.8		12.3	44.6	
LITTLE BEAVER CREEK								
OH 4 1	[08-001 - URM: 7.80 - LRM: 0.00] - LITTLE BEAVER CREEK (NORTH FORK TO PA.)	88	MB	7.8				
OH 4 3	[08-100 - URM: 6.07 - LRM: 0.00] - NORTH FORK (BULL CREEK TO LITTLE BEAVER CREEK)	88	EB			5.6	0.4	
OH 4 6	[08-103 - URM: 16.60 - LRM: 0.00] - BULL CREEK	88	MB	16.6				
OH 4 7	[08-104 - URM: 7.20 - LRM: 0.00] - LESLIE RUN	88	EB			0.1	3.3	3.8
OH 4 7.1	[08-119 - URM: 2.25 - LRM: 0.00] - TRIB. TO LESLIE RUN	88	EB				2.0	0.2
OH 4 8.1	[08-120 - URM: 3.78 - LRM: 0.00] - TRIB. TO LITTLE BULL CREEK	88	MB	2.0				1.7
OH 4 10	[08-100 - URM: 7.75 - LRM: 6.07] - NORTH FORK (PA. TO BULL CREEK)	88	EB			1.6		
OH 4 11.2	[08-118 - URM: 2.06 - LRM: 0.00] - EAST FORK STATELINE CREEK	88	MB	3.0				-0.9

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH 4 11.3	[08-117 - URM: 2.00 - LRM: 0.00] - WEST FORK STATELINE CREEK	88	MB	0.1		1.2	1.7	-1.0
OH 4 12	[08-114 - URM: 12.00 - LRM: 0.00] - HONEY CREEK	88	EB				12.0	
OH 4 14	[08-001 - URM: 15.82 - LRM: 7.80] - LITTLE BEAVER CREEK (MIDDLE FORK TO NORTH FORK)	88	MB	8.0				
OH 4 17	[08-200 - URM: 8.57 - LRM: 0.00] - MIDDLE FORK (MIDDLE RUN TO WEST FORK)	88	MB		8.5			
OH 4 18	[08-201 - URM: 3.50 - LRM: 0.00] - TURKEYFOOT RUN	88	EC	3.5				
OH 4 21	[08-204 - URM: 5.50 - LRM: 0.00] - MIDDLE RUN	88	EC				0.5	5.0
OH 4 22	[08-200 - URM: 21.49 - LRM: 8.57] - MIDDLE FORK (EAST BRANCH TO MIDDLE RUN)	88	MB		0.7	12.2		
OH 4 23	[08-205 - URM: 4.80 - LRM: 0.00] - STONE MILL RUN	88	MB		4.5			0.3
OH 4 24	[08-200 - URM: 42.60 - LRM: 21.49] - MIDDLE FORK (HEADWATERS TO EAST BRANCH)	88	EB		0.6	8.5	12.0	
OH 4 24.1	[08-208 - URM: 3.67 - LRM: 0.00] - BUTTERMILK CREEK	94	MB	0.8				2.8
OH 4 25	[08-206 - URM: 9.50 - LRM: 0.00] - EAST BRANCH MIDDLE FORK	88	MB	0.8			2.2	6.5
OH 4 26	[08-207 - URM: 9.45 - LRM: 0.00] - CHERRY VALLEY RUN	88	EB				2.5	6.9
OH 4 27	[08-300 - URM: 15.99 - LRM: 0.00] - WEST FORK (BRUSH CREEK TO MIDDLE FORK)	92	MB	6.0				9.9
OH 4 34	[08-300 - URM: 24.11 - LRM: 15.99] - WEST FORK (HEADWATERS TO BRUSH CREEK)	92	MB	3.6	4.5			
OH 4 34.1	[08-308 - URM: 1.75 - LRM: 0.00] - CHEMLIME TRIB.	88	EB	1.5			0.2	
OH 4 34.2	[08-310 - URM: 1.40 - LRM: 0.00] - TRIB. TO W. FK. L. BEAVER CR. (RM 13.0)	88	EC				1.4	
OH 4 34.3	[08-309 - URM: 3.90 - LRM: 0.00] - ROWLEY RUN	88	EC				2.0	1.9
OH 4 35	[08-307 - URM: 9.00 - LRM: 0.00] - COLD RUN	92	MB	1.0				8.0
Subbasin Totals:				54.7	18.8	29.3	40.3	
CENTRAL TRIBS (YELLOW CREEK AND CROSS CREEK)								
OH 5 1	[06-200 - URM: 5.55 - LRM: 0.00] - CROSS CREEK (MCINTYRE CREEK TO OHIO RIVER)	88	EB	2.0		2.0	1.5	
OH 5 2	[06-201 - URM: 5.75 - LRM: 0.00] - DRY FORK	88	EB				5.7	
OH 5 2.1	[06-216 - URM: 0.70 - LRM: 0.00] - TRIBUTARY TO DRY FORK (RM 5.43)	88	MB				1.2	-0.5
OH 5 2.2	[06-217 - URM: 1.05 - LRM: 0.00] - WINTERSVILLE 'E' TRIB.	88	EB				1.2	-0.1
OH 5 2.3	[06-218 - URM: 5.73 - LRM: 0.00] - WINTERSVILLE "D" TRIB.	88	EB				2.0	3.7
OH 5 3	[06-210 - URM: 12.70 - LRM: 0.00] - MCINTYRE CREEK	94	MC	5.0				7.7
OH 5 9	[06-200 - URM: 17.44 - LRM: 5.55] - CROSS CREEK (SALEM CREEK TO MCINTYRE CREEK)	88	EB	1.2		8.6	2.0	
OH 5 10	[06-209 - URM: 4.10 - LRM: 0.00] - BARBERS HOLLOW	88	EB				4.1	

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				Fully	Threat- ened	Partial	Not Support.	
OH 5 11	[06-202 - URM: 3.60 - LRM: 0.00] - CEDAR LICK RUN	94	MC	3.6				
OH 5 12	[06-203 - URM: 5.60 - LRM: 0.00] - CEDAR LICK CREEK	88	EB	2.4			3.2	
OH 5 14	[06-200 - URM: 27.44 - LRM: 17.45] - CROSS CREEK (HEADWATERS TO SALEM CREEK)	88	MB	3.0		6.9		
OH 5 20	[06-208 - URM: 6.40 - LRM: 0.00] - NORTH BRANCH CROSS CREEK	88	MB	6.4				
OH 5 24	[06-066 - URM: 6.20 - LRM: 0.00] - WILLS CREEK	88	MB	2.2		2.8	1.2	
OH 5 24.1	[06-085 - URM: 0.55 - LRM: 0.00] - WINTERSVILLE "C" TRIB.	88	EC	0.5				0.0
OH 5 24.2	[06-083 - URM: 1.20 - LRM: 0.00] - TRIB. TO WILLS CREEK	88	MB	1.2				
OH 5 27	[06-069 - URM: 5.50 - LRM: 0.00] - NORTH FORK WILLS CREEK	88	EC	5.5				
OH 5 29	[06-070 - URM: 10.10 - LRM: 0.00] - ISLAND CREEK	88	EC	10.1				
OH 5 29.1	[06-084 - URM: 1.93 - LRM: 0.00] - MELLWOOD ACRES. TRIB.	88	EC	0.5				1.4
OH 5 38	[06-900 - URM: 4.55 - LRM: 0.00] - YELLOW CREEK (BRUSH CREEK TO OHIO RIVER)	88	MB			0.8	3.7	
OH 5 40	[06-902 - URM: 6.40 - LRM: 0.00] - HOLLOW ROCK RUN	88	EC					6.4
OH 5 43	[06-910 - URM: 10.73 - LRM: 0.00] - NORTH FORK YELLOW CREEK	94	MB			6.1	0.4	4.2
OH 5 43.2	[- - URM: 0.00 - LRM: 0.00] -	88	MB				1.0	-1.0
OH 5 46	[06-913 - URM: 2.50 - LRM: 0.00] - SALISBURY RUN	88	MB	2.5				
OH 5 47	[06-914 - URM: 2.80 - LRM: 0.00] - RANDOLPH RUN	88	MB				2.8	
OH 5 48	[06-915 - URM: 5.30 - LRM: 0.00] - NANCY RUN	94	MB	5.3				
OH 5 51	[06-905 - URM: 11.00 - LRM: 0.00] - BRUSH CREEK	88	EC	0.5				10.5
OH 5 54	[06-900 - URM: 8.75 - LRM: 4.55] - YELLOW CREEK (TOWN FORK TO BRUSH CREEK)	88	MB	1.1		3.1		
OH 5 60	[06-900 - URM: 25.85 - LRM: 8.75] - YELLOW CREEK (ELKHORN CREEK TO TOWN FORK)	88	EB				17.1	
OH 5 66	[06-926 - URM: 8.40 - LRM: 0.00] - UPPER NORTH FORK	88	EC	8.4				
OH 5 71	[06-931 - URM: 8.90 - LRM: 0.00] - ELKHORN CREEK	94	MB	8.9				
OH 5 72	[06-932 - URM: 4.80 - LRM: 0.00] - STRAWCAMP RUN	88	MB	4.8				
OH 5 73	[06-933 - URM: 5.00 - LRM: 0.00] - CENTER FORK	94	MB	5.0				
OH 5 74	[06-934 - URM: 1.90 - LRM: 0.00] - TRAIL RUN	88	MB	1.9				
OH 5 76	[06-900 - URM: 34.05 - LRM: 25.85] - YELLOW CREEK (HEADWATERS TO ELKHORN CREEK)	94	MB	3.7				4.5
OH 5 77	[06-936 - URM: 4.50 - LRM: 0.00] - WOLF CREEK	88	MB				4.5	
Subbasin Totals:				85.8		30.3	51.7	

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat- ened	Partial		
CENTRAL TRIBS (SHORT CREEK AND WHEELING CR.)								
OH 6 1	[06-500 - URM: 12.74 - LRM: 0.00] - MCMAHON CREEK (WILLIAMS CREEK TO OHIO RIVER)	88	MB	1.3		6.8	4.6	0.0
OH 6 3	[06-502 - URM: 3.20 - LRM: 0.00] - TROUGH RUN	88	EC	3.2				
OH 6 5	[06-510 - URM: 8.30 - LRM: 0.00] - LITTLE MCMAHON CREEK	88	MB	3.9			4.4	
OH 6 5.1	[06-519 - URM: 1.64 - LRM: 0.00] - TRIB. TO LITTLE MCMAHON CREEK (RM 2.3)	88	EC				0.5	1.1
OH 6 7	[06-512 - URM: 2.20 - LRM: 0.00] - KINGS RUN	88	MB	1.7			0.5	
OH 6 8	[06-513 - URM: 3.30 - LRM: 0.00] - AULTS RUN	88	MB				3.1	0.2
OH 6 10	[06-500 - URM: 28.15 - LRM: 12.75] - MCMAHON CREEK (HEADWATERS TO WILLIAMS CREEK)	88	MB	9.6			5.8	
OH 6 11	[06-504 - URM: 8.00 - LRM: 0.00] - WILLIAMS CREEK	94	MB		5.4			2.6
OH 6 24	[06-800 - URM: 15.38 - LRM: 0.00] - WHEELING CREEK (COX RUN TO OHIO RIVER)	88	EC	0.5				14.8
OH 6 29	[06-805 - URM: 2.60 - LRM: 0.00] - STEEP RUN	88	EC	0.5				2.1
OH 6 30	[06-806 - URM: 3.20 - LRM: 0.00] - TOWN RUN	88	EB				2.9	0.3
OH 6 34	[06-800 - URM: 31.50 - LRM: 15.38] - WHEELING CREEK (HEADWATERS TO COX RUN)	88	MB				3.3	7.1
OH 6 49	[06-058 - URM: 5.50 - LRM: 0.00] - DEEP RUN	90	MC				0.5	5.0
OH 6 50	[06-600 - URM: 8.23 - LRM: 0.00] - SHORT CREEK (PINEY FORK TO OHIO RIVER)	90	MB				0.5	7.7
OH 6 57	[06-600 - URM: 19.43 - LRM: 8.24] - SHORT CREEK (NORTH FORK TO PINEY FORK)	96	MB	3.0				8.1
OH 6 58	[06-610 - URM: 15.50 - LRM: 0.00] - PINEY FORK	94	MB	4.3				11.2
OH 6 66	[06-608 - URM: 2.60 - LRM: 0.00] - GOOSE RUN	96	MB	2.6				
OH 6 73	[06-617 - URM: 9.30 - LRM: 0.00] - MIDDLE FORK SHORT CREEK	88	EB				1.9	7.4
OH 6 73.1	[06-619 - URM: 4.25 - LRM: 0.00] - SALLY BUFFALO CREEK	88	MB				0.5	3.7
		Subbasin Totals:		30.6	5.4	6.8	28.5	
CENTRAL TRIBS (MCMAHON, CAPTINA, SUNFISH CR.)								
OH 7 1	[06-700 - URM: 14.68 - LRM: 0.00] - SUNFISH CREEK (PINEY FORK TO OHIO RIVER)	94	MB	11.3				3.3
OH 7 5	[06-700 - URM: 31.40 - LRM: 14.68] - SUNFISH CREEK (HEADWATERS TO PINEY FORK)	94	MB	16.7				0.0
OH 7 6	[06-704 - URM: 6.80 - LRM: 0.00] - PINEY FORK	94	MB	6.8				
OH 7 7	[06-705 - URM: 4.80 - LRM: 0.00] - EAST FORK PINEY FORK	88	EB				4.4	0.4
OH 7 8	[06-706 - URM: 3.60 - LRM: 0.00] - STANDINGSTONE RUN	88	EB	0.9			2.7	
OH 7 10	[06-708 - URM: 6.70 - LRM: 0.00] - BAKER FORK	88	MB	6.7				

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				Fully	Threat- ened	Partial		
OH 7 17	[06-045 - URM: 4.60 - LRM: 0.00] - BIG RUN	88	MB				4.6	
OH 7 18	[06-100 - URM: 18.02 - LRM: 0.00] - CAPTINA CREEK (BEND FORK TO OHIO RIVER)	94	MB	18.0				0.0
OH 7 19	[06-101 - URM: 7.20 - LRM: 0.00] - CAT RUN	88	MB		2.2		5.0	
OH 7 20	[06-102 - URM: 4.00 - LRM: 0.00] - MOORE RUN	88	EC	4.0				
OH 7 21	[06-103 - URM: 6.60 - LRM: 0.00] - PEAVINE CREEK	88	EC	6.6				
OH 7 22	[06-104 - URM: 3.90 - LRM: 0.00] - ROCKY FORK	88	EC	3.9				
OH 7 23	[06-105 - URM: 4.60 - LRM: 0.00] - ANDERSON RUN	88	EC	4.6				
OH 7 24	[06-106 - URM: 13.00 - LRM: 0.00] - BEND FORK	94	MB	13.0				
OH 7 26	[06-108 - URM: 5.00 - LRM: 0.00] - JOY FORK	88	EC	5.0				
OH 7 27	[06-109 - URM: 3.50 - LRM: 0.00] - PACKSADDLE RUN	88	EC	3.5				
OH 7 28	[06-100 - URM: 25.42 - LRM: 18.02] - CAPTINA CREEK (NORTH/SOUTH FORKS TO BEND FORK)	88	MB	7.4				
OH 7 29	[06-110 - URM: 2.20 - LRM: 0.00] - CRABAPPLE CREEK	88	EC	2.2				
OH 7 31	[06-112 - URM: 3.00 - LRM: 0.00] - LONG RUN	88	EC	3.0				
OH 7 33	[06-114 - URM: 2.30 - LRM: 0.00] - BERRYS RUN	88	EC				2.3	
OH 7 35	[06-116 - URM: 3.70 - LRM: 0.00] - MIKES RUN	88	EC	3.7				
OH 7 36	[06-123 - URM: 11.75 - LRM: 0.00] - NORTH FORK CAPTINA CREEK	94	MB	6.6			4.2	0.9
OH 7 37	[06-124 - URM: 5.00 - LRM: 0.00] - JAKES RUN	88	EC	0.5				4.5
OH 7 38	[06-125 - URM: 6.00 - LRM: 0.00] - LONG RUN	88	EC	6.0				
OH 7 39	[06-117 - URM: 14.00 - LRM: 0.00] - SOUTH FORK CAPTINA CREEK	88	EC	14.0				
OH 7 43	[06-121 - URM: 3.50 - LRM: 0.00] - MILLERS RUN	88	EC	3.5				
OH 7 46	[06-046 - URM: 3.30 - LRM: 0.00] - LITTLE CAPTINA CREEK	88	EC	0.5				2.8
OH 7 47	[06-047 - URM: 7.20 - LRM: 0.00] - PIPE CREEK	88	MB	7.2				
OH 7 48	[06-048 - URM: 4.50 - LRM: 0.00] - BIG RUN	88	MB				4.5	
OH 7 50	[06-049 - URM: 7.60 - LRM: 0.00] - WEGEE CREEK	88	MB				7.6	
		Subbasin Totals:		155.6	2.2		35.3	
LITTLE MUSKINGUM RIVER								
OH 8 1	[06-400 - URM: 14.75 - LRM: 0.00] - LITTLE MUSKINGUM R. (FIFTEEN MILE CR. TO OHIO R.)	88	EC	14.7				
OH 8 5	[06-404 - URM: 4.40 - LRM: 0.00] - LONG RUN	92	MB	1.0				3.4

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH 8 6	[06-405 - URM: 4.40 - LRM: 0.00] - EIGHT MILE CREEK	92	MB	1.0				3.4
OH 8 11	[06-410 - URM: 9.10 - LRM: 0.00] - FIFTEEN MILE CREEK	92	MB	9.1				
OH 8 13	[06-412 - URM: 4.40 - LRM: 0.00] - DEANS FORK	92	MB	1.0				3.4
OH 8 14	[06-413 - URM: 4.70 - LRM: 0.00] - SYCAMORE FORK	92	MB	1.0				3.7
OH 8 15	[06-400 - URM: 34.47 - LRM: 14.75] - LITTLE MUSKINGUM R. (CLEAR FK. TO FIFTEEN MILE CR)	94	MB	10.0				9.7
OH 8 18	[06-420 - URM: 7.00 - LRM: 0.00] - ARCHERS FORK	88	MB	7.0				
OH 8 29	[06-430 - URM: 23.70 - LRM: 0.00] - CLEAR FORK	88	EC	23.7				
OH 8 30	[06-431 - URM: 6.60 - LRM: 0.00] - WITTEN RUN	94	MB	3.2				3.4
OH 8 38	[06-428 - URM: 9.80 - LRM: 0.00] - STRAIGHT FORK	96	MB	9.8				
OH 8 44	[06-440 - URM: 11.20 - LRM: 0.00] - WITTEN FORK	94	MB	5.1				6.1
OH 8 48	[06-444 - URM: 7.10 - LRM: 0.00] - DISMAL CREEK	88	EC	7.1				
OH 8 53	[06-400 - URM: 58.30 - LRM: 46.44] - LITTLE MUSKINGUM R. (RICH FORK TO WITTEN FORK)	88	EC	11.8				
OH 8 58	[06-451 - URM: 6.50 - LRM: 0.00] - RICH FORK	92	MB	6.5				
OH 8 59	[06-450 - URM: 6.70 - LRM: 0.00] - TOWN FORK	92	MB	6.7				
OH 8 60	[06-452 - URM: 4.70 - LRM: 0.00] - LEFT PRONG	92	MB	1.0				3.7
OH 8 62	[06-458 - URM: 13.70 - LRM: 0.00] - CRANENEST FORK	96	MB	13.7				
OH 8 78	[06-013 - URM: 8.40 - LRM: 0.00] - LEITH RUN	94	MB	6.7				1.7
OH 8 81	[06-015 - URM: 2.00 - LRM: 0.00] - COLLINS RUN	88	EC			0.9		1.1
OH 8 89	[06-022 - URM: 3.40 - LRM: 0.00] - NARROWS RUN	88	EC	0.5				2.9
DUCK CREEK		Subbasin Totals:		140.7		0.9		
OH 9 2	[06-300 - URM: 24.30 - LRM: 0.00] - DUCK CREEK	88	MB			24.3		
OH 9 11	[06-322 - URM: 13.80 - LRM: 0.00] - MIDDLE FORK DUCK CREEK	90	EC	0.5			0.5	12.8
OH 9 27	[06-340 - URM: 23.63 - LRM: 0.00] - WEST FORK DUCK CREEK (SALT RUN TO E. FK. DUCK CR.)	88	MB	13.6		10.0		
OH 9 32	[06-340 - URM: 36.40 - LRM: 23.60] - WEST FORK DUCK CREEK (HEADWATERS TO SALT RUN)	88	MB		12.8			
		Subbasin Totals:		14.1	12.8	34.3	0.5	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat-ened	Partial		
UPPER TUSCARAWAS RIVER								
OH10 1	[17-500 - URM: 86.70 - LRM: 73.10] - TUSCARAWAS RIVER (PIGEON RUN TO SANDY CREEK)	92	MB				13.6	
OH10 1.1	[17-568 - URM: 7.29 - LRM: 0.00] - SHERMAN RUN	88	EC	0.5				6.7
OH10 1.2	[17-564 - URM: 4.35 - LRM: 0.00] - TRIB. TO TUSCARAWAS RIVER (RM 82.0)	88	EC	0.5				3.8
OH10 1.3	[17-580 - URM: 6.09 - LRM: 0.00] - TRIB. TO TUSCARAWAS R. (RM 83.74)	96	MB				2.0	4.0
OH10 2	[17-530 - URM: 4.50 - LRM: 0.00] - WOLF CREEK	88	EC	0.5				4.0
OH10 5	[17-500 - URM: 91.90 - LRM: 86.70] - TUSCARAWAS RIVER (NEWMAN CREEK TO PIGEON RUN)	92	MB			1.0	4.2	
OH10 5.1	[17-575 - URM: 1.85 - LRM: 0.00] - WEST SIPPO CREEK	88	EC	0.5				1.3
OH10 5.2	[17-567 - URM: 3.56 - LRM: 0.00] - TRIB. TO TUSCARAWAS RIVER (RM 89.9)	88	EC	0.5				3.0
OH10 7	[17-534 - URM: 14.30 - LRM: 0.00] - NEWMAN CREEK	88	EC				0.5	13.8
OH10 9	[17-500 - URM: 103.20 - LRM: 91.90] - TUSCARAWAS RIVER (CHIPPEWA CREEK TO NEWMAN CREEK)	96	MB				11.3	
OH10 11	[17-537 - URM: 7.10 - LRM: 0.00] - FOX RUN	88	EC				0.5	6.6
OH10 12	[17-538 - URM: 11.10 - LRM: 0.00] - NIMISILA CREEK	94	MB	1.9			7.4	1.8
OH10 12.1	[17-579 - URM: 3.80 - LRM: 0.00] - TRIB. TO NIMISILA CREEK (RM 8.85)	94	MB	3.8				
OH10 13	[17-550 - URM: 12.80 - LRM: 0.00] - CHIPPEWA CREEK (STEELE DITCH TO TUSCARAWAS RIVER)	88	EB			0.1	12.7	
OH10 13.1	[17-562 - URM: 7.66 - LRM: 0.00] - SILVER CREEK	88	EC				5.0	2.6
OH10 13.3	[17-566 - URM: 6.39 - LRM: 0.00] - STEELE DITCH	88	EC	0.5				5.8
OH10 13.4	[17-571 - URM: 0.93 - LRM: 0.00] - TRIB. TO SILVER CREEK (RM 4.1)	88	EC	0.5				0.4
OH10 13.5	[17-563 - URM: 1.41 - LRM: 0.00] - TRIB. TO SILVER CREEK (MEADOWS SUBDIV.)	88	EC	0.5				0.9
OH10 14	[17-551 - URM: 6.00 - LRM: 0.00] - RED RUN	88	EB				6.0	
OH10 16	[17-553 - URM: 10.10 - LRM: 0.00] - RIVER STYX	88	EB			9.6	0.5	
OH10 17	[17-554 - URM: 4.60 - LRM: 0.00] - HOLMES BROOK	88	MB				4.6	
OH10 19	[17-556 - URM: 12.95 - LRM: 0.00] - LITTLE CHIPPEWA CREEK	88	EB				12.9	
OH10 19.1	[17-570 - URM: 0.50 - LRM: 0.00] - TRIB. TO LITTLE CHIPPEWA CREEK (RM 10.5)	88	EC	0.5				
OH10 20	[17-561 - URM: 1.37 - LRM: 0.00] - UNNAMED TRIB. TO LITTLE CHIPPEWA CREEK	88	MB				2.0	-0.6
OH10 21	[17-550 - URM: 26.70 - LRM: 12.80] - CHIPPEWA CREEK (HEADWATERS TO STEELE DITCH)	88	EB				13.9	
OH10 21.1	[17-565 - URM: 2.84 - LRM: 0.00] - TRIB. TO CHIPPEWA CREEK (RM 14.5)	88	EC	0.5				2.3

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH10 26	[17-500 - URM: 110.70 - LRM: 103.20] - TUSCARAWAS RIVER (WOLF CREEK TO CHIPPEWA CREEK)	96	MB				7.5	
OH10 26.1	[17-549 - URM: 2.10 - LRM: 0.00] - TRIB. TO TUSCARAWAS RIVER (RM 108.9)	88	EC	0.5				1.6
OH10 27	[17-539 - URM: 4.80 - LRM: 0.00] - PANCAKE CREEK	88	EC	0.5				4.3
OH10 28	[17-540 - URM: 13.10 - LRM: 0.00] - WOLF CREEK	96	MB				2.5	10.6
OH10 29	[17-541 - URM: 7.50 - LRM: 0.00] - HUDSON RUN	96	MB			1.0	0.5	6.0
OH10 30	[17-542 - URM: 4.60 - LRM: 0.00] - VAN HYNING RUN	88	EB				0.5	4.1
OH10 31	[17-543 - URM: 8.60 - LRM: 0.00] - PIGEON CREEK	88	EB				8.6	
OH10 32	[17-544 - URM: 5.60 - LRM: 0.00] - SHOCALOG RUN	88	EC	0.5				5.1
OH10 33	[17-500 - URM: 129.90 - LRM: 110.69] - TUSCARAWAS RIVER (HEADWATERS TO WOLF CREEK)	96	MB			4.0	2.0	13.2
OH10 33.2	[17-545 - URM: 8.13 - LRM: 0.00] - METZGERS DITCH	92	MB		1.7		1.3	5.1
OH10 33.3	[17-546 - URM: 2.72 - LRM: 0.00] - MUD RUN	88	EC	0.5				2.2
OH10 33.4	[17-581 - URM: 2.96 - LRM: 0.00] - TRIB. TO EAST RESERVOIR	88	EC	0.5				2.4
Subbasin Totals:				13.2	1.7	15.7	120.0	
NIMISHILLEN CREEK								
OH11 1	[17-450 - URM: 8.00 - LRM: 0.00] - SANDY CREEK (NIMISHILLEN CREEK TO TUSCARAWAS R.)	92	MB				8.0	
OH11 5	[17-460 - URM: 14.70 - LRM: 0.00] - NIMISHILLEN CREEK	92	MB				11.8	2.8
OH11 6	[17-468 - URM: 4.95 - LRM: 0.00] - HURFORD RUN	88	EB				3.1	1.8
OH11 6.1	[17-477 - URM: 3.21 - LRM: 0.00] - DOMER DITCH	88	EB			0.5	0.1	2.6
OH11 7	[17-461 - URM: 6.80 - LRM: 0.00] - SHERRICK RUN	88	EB				6.8	
OH11 7.1	[17-485 - URM: 1.20 - LRM: 0.00] - TRIB. TO SHERRICK RUN (RM 4.6)	88	EC				0.5	0.7
OH11 7.2	[17-478 - URM: 1.50 - LRM: 0.00] - OSNABURG DITCH	88	EB				0.7	0.8
OH11 8	[17-464 - URM: 9.00 - LRM: 0.00] - WEST BRANCH NIMISHILLEN CREEK	88	EB				5.9	3.1
OH11 8.1	[17-479 - URM: 6.27 - LRM: 0.00] - MCDOWELL DITCH	88	EB				3.0	3.2
OH11 8.2	[17-480 - URM: 1.23 - LRM: 0.00] - HOOVER DITCH	88	EB				0.5	0.7
OH11 8.3	[17-481 - URM: 4.46 - LRM: 0.00] - ZIMBER DITCH	88	MB	3.9			0.5	
OH11 10	[17-462 - URM: 16.60 - LRM: 0.00] - MIDDLE BRANCH NIMISHILLEN CREEK	88	EB			12.8	3.8	
OH11 10.1	[17-484 - URM: 8.10 - LRM: 0.00] - SWARTZ DITCH	88	EB	1.6			1.0	5.5
OH11 10.2	[17-482 - URM: 4.00 - LRM: 0.00] - GUILLEY DITCH (HARTVILLE)	88	EB	0.7		0.1	2.7	0.5

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID #	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH11 11	[17-463 - URM: 10.40 - LRM: 0.00] - EAST BRANCH NIMISHILLEN CREEK	96	MB			1.7	7.5	1.2
OH11 11.3	[17-483 - URM: 3.98 - LRM: 0.00] - TRIB. TO E. BR. NIMISHILLEN CREEK (RM 2.75)	88	EB				1.3	2.6
OH11 12	[17-450 - URM: 17.40 - LRM: 8.00] - SANDY CREEK (L. SANDY CREEK TO NIMISHILLEN CREEK)	88	MB		1.1		1.1	7.2
OH11 13	[17-454 - URM: 7.00 - LRM: 0.00] - INDIAN RUN	88	EC	0.5				6.5
OH11 16	[17-450 - URM: 29.10 - LRM: 17.40] - SANDY CREEK (STILL FORK TO LITTLE SANDY CREEK)	96	MB	7.5		1.5	2.7	
OH11 21	[17-470 - URM: 16.10 - LRM: 0.00] - STILL FORK SANDY CREEK	96	MB			0.5	5.5	10.1
OH11 28	[17-450 - URM: 38.00 - LRM: 29.07] - SANDY CREEK (HEADWATERS TO STILL FORK)	96	MB	4.9				4.0
		Subbasin Totals:		19.1	1.1	17.1	66.5	
CONOTTON CREEK								
OH12 1	[17-100 - URM: 12.00 - LRM: 0.00] - CONOTTON CREEK (INDIAN FORK TO TUSCARAWAS RIVER)	92	MB				2.4	9.6
OH12 2	[17-101 - URM: 9.90 - LRM: 0.00] - HUFF RUN	90	EC				0.5	9.4
OH12 5	[17-110 - URM: 18.90 - LRM: 0.00] - INDIAN FORK	88	EC	0.5				18.4
OH12 10	[17-115 - URM: 3.40 - LRM: 0.00] - COLD SPRING RUN	88	EC	3.4				
OH12 12	[17-117 - URM: 4.60 - LRM: 0.00] - GANT CREEK	88	EC	0.5				4.1
OH12 13	[17-100 - URM: 20.58 - LRM: 12.00] - CONOTTON CREEK (MCGUIRE CREEK TO INDIAN FORK)	88	EB	1.0		4.4	3.1	
OH12 16	[17-106 - URM: 11.80 - LRM: 0.00] - MCGUIRE CREEK	88	EC	0.5				11.3
OH12 19	[17-100 - URM: 43.83 - LRM: 20.58] - CONOTTON CREEK (HEADWATERS TO MCQUIRE CREEK)	88	EC	8.6				14.6
OH12 23	[17-120 - URM: 7.60 - LRM: 0.00] - IRISH CREEK	88	EB	0.3		7.3		
OH12 26	[17-124 - URM: 1.76 - LRM: 0.00] - UNNAMED TRIBUTARY @ JEWETT	88	EB				0.5	1.2
OH12 27	[17-123 - URM: 4.60 - LRM: 0.00] - JEFFERSON CREEK	88	EC				4.6	
		Subbasin Totals:		14.8		11.7	11.1	
SUGAR CREEK								
OH13 1	[17-400 - URM: 12.30 - LRM: 0.00] - SUGAR CREEK (S. FK. SUGAR CR. TO TUSCARAWAS R.)	94	MB	1.9			2.1	8.3
OH13 1.1	[17-422 - URM: 5.14 - LRM: 0.00] - GOETTGE RUN	94	MB				1.5	3.6
OH13 2	[17-401 - URM: 3.50 - LRM: 0.00] - BRANDYWINE CREEK	94	MB				0.5	3.0
OH13 9.3	[17-424 - URM: 3.30 - LRM: 0.00] - TRIB. TO S. FK. SUGAR CREEK (RM 14.14)	96	MB				3.3	
OH13 14	[17-400 - URM: 19.40 - LRM: 12.30] - SUGAR CREEK (MIDDLE FORK TO SOUTH FORK)	88	EC				0.5	6.6
OH13 16	[17-405 - URM: 5.40 - LRM: 0.00] - ELM RUN	88	EB				0.5	4.9

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH13 17	[17-406 - URM: 23.00 - LRM: 0.00] - MIDDLE FORK SUGAR CREEK	88	MB	2.3				20.7
OH13 20	[17-400 - URM: 45.00 - LRM: 19.40] - SUGAR CREEK (HEADWATERS TO M. FK. SUGAR CREEK)	88	MB			0.5		25.1
OH13 21	[17-409 - URM: 6.80 - LRM: 0.00] - NORTH FORK SUGAR CREEK	96	MB				2.5	4.2
OH13 22	[17-418 - URM: 10.60 - LRM: 0.00] - LITTLE SUGAR CREEK	88	MB			0.5		10.1
Subbasin Totals:				4.2		1.0	10.9	
STILLWATER CREEK								
OH14 1	[17-350 - URM: 25.80 - LRM: 0.00] - STILLWATER CREEK (BRUSHY CREEK TO TUSCARAWAS R.)	90	MB	0.3		1.0	3.2	21.3
OH14 2	[17-360 - URM: 33.70 - LRM: 0.00] - LITTLE STILLWATER CREEK	88	EC				0.5	33.2
OH14 20	[17-380 - URM: 24.00 - LRM: 0.00] - BRUSHY FORK	88	EC	0.5				23.5
OH14 28	[17-350 - URM: 38.30 - LRM: 25.80] - STILLWATER CREEK (BOGGS FORK TO BRUSHY FORK)	94	MB			4.0		8.5
OH14 29	[17-358 - URM: 6.30 - LRM: 0.00] - ATKINSON CREEK	94	MB			1.0		5.3
OH14 30	[17-359 - URM: 6.70 - LRM: 0.00] - CRABORCHARD CREEK	94	MB			6.7		
OH14 31	[17-371 - URM: 17.50 - LRM: 0.00] - SKULL FORK	96	MB				11.7	5.8
Subbasin Totals:				0.8		12.7	15.4	
LOWER TUSCARAWAS RIVER								
OH15 1	[17-500 - URM: 14.80 - LRM: 0.00] - TUSCARAWAS RIVER (EVANS CREEK TO WALHONDING RIVER)	96	MB	1.9		12.9		
OH15 3	[17-502 - URM: 10.00 - LRM: 0.00] - WHITE EYES CREEK	88	MB			0.5		9.5
OH15 4	[17-503 - URM: 8.80 - LRM: 0.00] - EAST FORK WHITE EYES CREEK	92	EB	8.8				
OH15 6	[17-505 - URM: 9.30 - LRM: 0.00] - EVANS CREEK	88	MB				1.3	8.0
OH15 10	[17-500 - URM: 25.30 - LRM: 14.80] - TUSCARAWAS RIVER (DUNLOP CREEK TO EVANS CREEK)	96	MB	5.0				5.5
OH15 18	[17-516 - URM: 3.40 - LRM: 0.00] - BROWNING RUN	88	EC	0.5				2.9
OH15 19	[17-500 - URM: 47.00 - LRM: 25.30] - TUSCARAWAS RIVER (STILLWATER CREEK TO DUNLOP CR.)	90	MB		18.5	0.5		2.7
OH15 23.1	[17-569 - URM: 1.03 - LRM: 0.00] - TRIB. TO MUD RUN	88	EC	0.5				0.5
OH15 24	[17-500 - URM: 58.07 - LRM: 47.05] - TUSCARAWAS RIVER (SUGAR CREEK TO STILLWATER CREEK)	90	MB		0.9	10.0	0.1	
OH15 26	[17-522 - URM: 3.60 - LRM: 0.00] - PONE RUN	88	EC			0.5		3.1
OH15 27	[17-523 - URM: 11.00 - LRM: 0.00] - BEAVERDAM CREEK	88	EC	0.5				10.5
OH15 28	[17-524 - URM: 11.20 - LRM: 0.00] - OLDTOWN CREEK	90	MC				0.5	10.7
OH15 30	[17-526 - URM: 4.80 - LRM: 0.00] - CROOKED CREEK	90	EC				0.5	4.3

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH15 31	[17-500 - URM: 65.50 - LRM: 58.10] - TUSCARAWAS RIVER (CONOTTON CREEK TO SUGAR CREEK)	92	MB			4.0	3.4	
OH15 32	[17-500 - URM: 73.10 - LRM: 65.50] - TUSCARAWAS RIVER (SANDY CREEK TO CONOTTON CREEK)	92	MB				7.6	
Subbasin Totals:				17.2	19.4	28.4	13.4	
BLACK FORK, CLEAR FORK, ROCKY FORK MOHICAN R.								
OH16 10	[17-750 - URM: 21.40 - LRM: 4.90] - CLEAR FK MOHICAN R(CEDAR FK TO PLEASANT HILL RES)	92	MB	11.4				5.1
OH16 11	[17-759 - URM: 4.30 - LRM: 0.00] - HONEY CREEK	92	MB	1.0				3.3
OH16 13	[17-761 - URM: 9.60 - LRM: 0.00] - CEDAR FORK	92	MB	5.0				4.6
OH16 14	[17-762 - URM: 2.60 - LRM: 0.00] - STEEL RUN	88	EC	0.5				2.1
OH16 15	[17-750 - URM: 36.80 - LRM: 21.40] - CLEAR FORK MOHICAN R. (HEADWATERS TO CEDAR FORK)	96	MB	5.0				10.4
OH16 16	[17-730 - URM: 14.00 - LRM: 0.00] - BLACK FORK MOHICAN R. (ROCKY FORK TO CLEAR FORK)	90	MB	1.0			13.0	
OH16 19	[17-733 - URM: 19.60 - LRM: 0.00] - ROCKY FORK MOHICAN RIVER	96	MB	3.2	3.2	0.6	12.6	
OH16 19.1	[17-749 - URM: 2.88 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 3.7)	88	EC			0.5		2.3
OH16 19.2	[17-768 - URM: 3.91 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 7.1)	88	EC	0.5				3.4
OH16 19.3	[17-745 - URM: 3.00 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 7.7)	88	EC	0.5				2.5
OH16 19.4	[17-767 - URM: 6.15 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 10.7)	88	EC	0.5				5.6
OH16 19.5	[17-744 - URM: 2.28 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 11.4)	88	EC	0.5				1.7
OH16 19.6	[17-766 - URM: 3.78 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 12.0)	88	EC	0.5				3.2
OH16 19.7	[17-765 - URM: 2.79 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 14.4)	88	EC	0.5				2.2
OH16 19.8	[17-746 - URM: 4.48 - LRM: 0.00] - TRIB. TO ROCKY FORK (RM 16.4)	88	EC	0.5				3.9
OH16 20	[17-734 - URM: 5.30 - LRM: 0.00] - TOUBY RUN	96	MB			0.5		4.8
OH16 21	[17-730 - URM: 31.00 - LRM: 14.00] - BLACK FK. MOHICAN R. (WHETSTONE CREEK TO ROCKY FK)	88	EB				0.5	16.5
OH16 23	[17-730 - URM: 44.90 - LRM: 31.00] - BLACK FK MOHICAN R(LEATHERWOOD CR TO WHETSTONE CR)	92	MB				13.9	
OH16 23.1	[17-770 - URM: 4.50 - LRM: 0.00] - FLEMING FALLS CREEK	96	MB			0.8		3.7
OH16 23.11	[17-771 - URM: 1.50 - LRM: 0.00] - TRIB TO FLEMING FALLS CREEK	96	MB			0.4		1.1
OH16 28	[17-730 - URM: 58.40 - LRM: 44.85] - BLACK FK MOHICAN R.(HEADWATERS TO LEATHERWOOD CR.)	92	MB	3.3			8.3	1.9
OH16 28.1	[17-769 - URM: 4.40 - LRM: 0.00] - TUBY RUN	92	MB				2.5	1.9
OH16 28.2	[17-764 - URM: 4.90 - LRM: 0.00] - TRIB. TO BLACK FORK (RM 45.9)	88	EC	0.5				4.4
OH16 28.3	[17-748 - URM: 6.67 - LRM: 0.00] - TRIB. TO BLACK FORK (RM 54.4)	88	EC	0.5				6.1

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH16 28.4	[17-747 - URM: 5.10 - LRM: 0.00] - TRIB. TO BLACK FORK (RM 57.1)	88	EC	0.5				4.6
OH16 28.5	[17-763 - URM: 4.39 - LRM: 0.00] - TRIB. TO BLACK FORK (RM 58.8)	88	EC	0.5				3.8
OH16 29	[17-740 - URM: 3.50 - LRM: 0.00] - LEATHERWOOD CREEK	88	EC	0.5				3.0
OH16 31	[17-742 - URM: 7.10 - LRM: 0.00] - MARSH RUN	88	EC	0.5				6.6
Subbasin Totals:				36.9	3.2	2.8	50.8	
LAKE FORK, JEROME FORK, MUDDY FORK MOHICAN R.								
OH17 4	[17-700 - URM: 27.60 - LRM: 16.10] - MOHICAN RIVER (ROCKY FORK TO UNNAMED TRIB.)	92	MB	11.5				
OH17 10	[17-714 - URM: 28.90 - LRM: 0.00] - MUDDY FORK MOHICAN RIVER	88	EB	5.7				23.2
OH17 14	[17-718 - URM: 12.28 - LRM: 0.00] - JEROME FORK MOHICAN R. (LANG CREEK TO LAKE FORK)	88	EB				12.2	
OH17 16	[17-720 - URM: 7.30 - LRM: 0.00] - OLDTOWN RUN	88	EC	0.5				6.8
OH17 18	[17-722 - URM: 3.40 - LRM: 0.00] - SCOTT RUN	88	EC	0.5				2.9
OH17 19	[17-723 - URM: 7.20 - LRM: 0.00] - NEWELL RUN	88	EC	0.5				6.7
OH17 20	[17-724 - URM: 5.90 - LRM: 0.00] - KAKOTAWA CREEK	88	EC	0.5				5.4
OH17 21	[17-725 - URM: 9.30 - LRM: 0.00] - LANG CREEK	88	EB	2.4			0.8	6.1
OH17 22	[17-726 - URM: 5.40 - LRM: 0.00] - JAMISON CREEK	88	EB	0.5			0.7	4.2
OH17 22.1	[17-743 - URM: 1.20 - LRM: 0.00] - TRIB. TO JAMISON CREEK	88	EB				1.2	
OH17 23	[17-727 - URM: 5.60 - LRM: 0.00] - TOWN RUN	88	EB				0.5	5.1
OH17 24	[17-718 - URM: 14.80 - LRM: 12.30] - JEROME FORK (LEIDIGH MILL/ORANGE CR. TO LANG CR.)	88	EB			0.7	0.9	0.9
Subbasin Totals:				22.1		0.7	16.3	
KOKOSING RIVER								
OH18 1	[17-650 - URM: 11.40 - LRM: 0.00] - KOKOSING RIVER (JELLOWAY CREEK TO MOHICAN RIVER)	88	MB	8.2		3.2		
OH18 5	[17-654 - URM: 13.30 - LRM: 0.00] - JELLOWAY CREEK	88	EB			3.0	1.4	8.9
OH18 6	[17-655 - URM: 10.50 - LRM: 0.00] - LITTLE JELLOWAY CREEK	88	MB	2.5				8.0
OH18 7	[17-656 - URM: 4.60 - LRM: 0.00] - EAST BRANCH JELLOWAY CREEK	88	EB			4.0	0.6	
OH18 12	[17-650 - URM: 21.40 - LRM: 11.40] - KOKOSING RIVER (WOLF RUN TO JELLOWAY CREEK)	88	MB	4.8		5.2		
OH18 14	[17-662 - URM: 12.10 - LRM: 0.00] - SCHENCK CREEK	88	MB			2.8		9.3
OH18 22	[17-650 - URM: 29.70 - LRM: 21.40] - KOKOSING RIVER (N. BR. KOKOSING R. TO WOLF RUN)	88	MB	5.7		2.6		
OH18 26	[17-673 - URM: 6.10 - LRM: 0.00] - ARMSTRONG RUN	92	MB	6.1				

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH18 27	[17-674 - URM: 18.30 - LRM: 0.00] - NORTH BRANCH KOKOSING RIVER	88	EB			6.2	5.6	6.5
OH18 34	[17-650 - URM: 57.20 - LRM: 29.70] - KOKOSING RIVER (HEADWATERS TO N. BR. KOKOSING R.)	88	MB			20.1		7.4
OH18 35	[17-681 - URM: 8.00 - LRM: 0.00] - GRANNY CREEK	92	MB	8.0				
Subbasin Totals:				35.3		47.1	7.6	
KILLBUCK CREEK								
OH19 1	[17-150 - URM: 15.70 - LRM: 0.00] - KILLBUCK CREEK (DOUGHTY CREEK TO WALHONDING RIVER)	88	EB			11.2	4.5	
OH19 2	[17-151 - URM: 3.90 - LRM: 0.00] - BUCKLEW RUN	96	MB	4.0				-0.1
OH19 4	[17-153 - URM: 20.10 - LRM: 0.00] - DOUGHTY CREEK	96	MB	20.1				
OH19 4.1	[17-138 - URM: 2.60 - LRM: 0.00] - TRIB. TO DOUGHTY CREEK (RM 14.34)	96	MB				1.5	1.1
OH19 8	[17-150 - URM: 25.20 - LRM: 15.70] - KILLBUCK CREEK (BLACK CREEK TO DOUGHTY CREEK)	96	MB			1.0		8.5
OH19 9	[17-157 - URM: 6.40 - LRM: 0.00] - BIG RUN	96	MB	3.2				3.2
OH19 12	[17-160 - URM: 9.00 - LRM: 0.00] - WOLF CREEK	96	MB			1.0		8.0
OH19 14	[17-150 - URM: 31.30 - LRM: 25.20] - KILLBUCK CREEK (SAPPS RUN TO BLACK RUN)	88	EB	0.9		5.2		
OH19 15	[17-162 - URM: 5.40 - LRM: 0.00] - SHRIMPLIN RUN	88	EC	0.5				4.9
OH19 16	[17-163 - URM: 1.70 - LRM: 0.00] - HARDY RUN	88	EC	0.5				1.2
OH19 23	[17-150 - URM: 37.60 - LRM: 31.30] - KILLBUCK CREEK (SALT CREEK TO SAPPS RUN)	96	MB	6.3				
OH19 26	[17-172 - URM: 8.30 - LRM: 0.00] - MARTINS CREEK	96	MB	5.0				3.3
OH19 27	[17-173 - URM: 9.00 - LRM: 0.00] - PAINT CREEK	96	MB	5.0				4.0
OH19 29	[17-175 - URM: 11.60 - LRM: 0.00] - SALT CREEK	96	MB	5.0				6.6
OH19 30	[17-176 - URM: 4.70 - LRM: 0.00] - NORTH BRANCH SALT CREEK	96	MB	4.7				
OH19 31	[17-150 - URM: 49.80 - LRM: 37.60] - KILLBUCK CREEK (APPLE CREEK TO SALT CREEK)	96	MB	1.6		3.8	6.8	
OH19 31.1	[17-193 - URM: 0.40 - LRM: 0.00] - TRIB. TO KILLBUCK CREEK (RM 41.4)	88	MB				0.4	
OH19 31.2	[17-194 - URM: 5.30 - LRM: 0.00] - TRIB. TO KILLBUCK CREEK (RM 44.6)	88	MB				0.5	4.8
OH19 31.3	[17-196 - URM: 5.36 - LRM: 0.00] - JENNINGS DITCH	88	EC	0.5				4.8
OH19 31.4	[17-195 - URM: 6.92 - LRM: 0.00] - TRIB. TO KILLBUCK CREEK (RM 46.0)	88	MB				0.5	6.4
OH19 31.5	[17-197 - URM: 0.30 - LRM: 0.00] - TRIB. TO KILLBUCK CREEK (RM 47.1)	88	MB				0.3	
OH19 35	[17-180 - URM: 7.50 - LRM: 0.00] - SHREVE CREEK	96	MB	3.0			1.5	3.0
OH19 36	[17-181 - URM: 11.70 - LRM: 0.00] - APPLE CREEK	96	MB	6.9				4.8

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH19 36.1	[17-198 - URM: 3.13 - LRM: 0.00] - SPRING RUN	88	EC				0.5	2.6
OH19 37	[17-182 - URM: 8.60 - LRM: 0.00] - LITTLE APPLE CREEK	88	EB	5.3		3.1	0.2	
OH19 38	[17-150 - URM: 60.60 - LRM: 49.80] - KILLBUCK CREEK (SHADE CREEK TO APPLE CREEK)	96	MB	9.0		1.8		
OH19 38.1	[17-192 - URM: 3.50 - LRM: 0.00] - CHRISTMAS RUN	88	EC				0.5	3.0
OH19 40	[17-184 - URM: 9.00 - LRM: 0.00] - LITTLE KILLBUCK CREEK	96	MB			3.0		6.0
OH19 43	[17-187 - URM: 3.40 - LRM: 0.00] - SHADE CREEK	96	MB	3.4				
OH19 44	[17-150 - URM: 81.70 - LRM: 60.61] - KILLBUCK CREEK (HEADWATERS TO SHADE CREEK)	96	MB	4.4		5.0	3.6	8.0
OH19 44.1	[17-199 - URM: 3.47 - LRM: 0.00] - KILLBUCK DITCH	88	EC	0.5				2.9
OH19 47	[17-190 - URM: 7.60 - LRM: 0.00] - CAMEL CREEK	96	MB			2.0		5.6
Subbasin Totals:				89.8		37.1	20.8	
UPPER MUSKINGUM RIVER AND WAKATOMIKA CREEK								
OH20 1	[17-001 - URM: 99.30 - LRM: 87.10] - MUSKINGUM RIVER (WILLS CREEK TO SYMMES CREEK)	96	MB			9.9		2.3
OH20 2	[17-960 - URM: 19.70 - LRM: 0.00] - WAKATOMIKA CREEK (BRUSHY FORK TO MUSKINGUM RIVER)	88	MB		19.7			
OH20 5	[17-963 - URM: 6.30 - LRM: 0.00] - MOSCOW BROOK	96	MB	6.3				
OH20 11	[17-969 - URM: 6.10 - LRM: 0.00] - FIVEMILE RUN	96	MB	6.1				
OH20 13	[17-960 - URM: 42.60 - LRM: 19.70] - WAKATOMIKA CREEK (HEADWATERS TO BRUSHY FORK)	96	MB	22.9				
OH20 14	[17-971 - URM: 8.30 - LRM: 0.00] - BRUSHY FORK	96	MB		8.3			
OH20 16	[17-973 - URM: 8.00 - LRM: 0.00] - WINDING FORK	96	MB	8.0				
OH20 22	[17-001 - URM: 111.13 - LRM: 99.30] - MUSKINGUM RIVER (TUSC./WALHOND. R. TO WILLS CREEK)	96	MB	11.8				
OH20 24	[17-600 - URM: 7.30 - LRM: 0.00] - WALHONDING RIVER (KILLBUCK CREEK TO TUSCARAWAS R.)	96	MB	7.3				
OH20 25	[17-610 - URM: 18.00 - LRM: 0.00] - MILL CREEK	96	MB		16.3			1.7
OH20 26	[17-611 - URM: 5.90 - LRM: 0.00] - SPOON CREEK	96	MB		4.7			1.2
OH20 27	[17-612 - URM: 4.10 - LRM: 0.00] - TURKEY RUN	96	MB	2.4				1.7
OH20 28	[17-613 - URM: 6.20 - LRM: 0.00] - LITTLE MILL CREEK	96	MB	5.4				0.8
OH20 31	[17-600 - URM: 23.20 - LRM: 7.30] - WALHONDING R. (MOHICAN/KOKOSING R. TO KILLBUCK CR)	96	MB	15.9				
OH20 34	[17-605 - URM: 8.10 - LRM: 0.00] - BEAVER RUN	96	MB	8.1				
Subbasin Totals:				94.2	49.0	9.9		

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat-ened	Partial		
WILLS CREEK								
OH21 1	[17-800 - URM: 15.10 - LRM: 0.00] - WILLS CREEK (WHITE EYES CREEK TO MUSKINGUM RIVER)	96	MB	9.9		5.2		
OH21 1.1	[- - URM: 0.00 - LRM: 0.00] -	88	EC	0.5				-0.5
OH21 1.2	[- - URM: 0.00 - LRM: 0.00] -	88	EC	0.5				-0.5
OH21 6	[17-800 - URM: 31.40 - LRM: 15.10] - WILLS CREEK (BIRDS RUN TO WHITE EYES CREEK)	96	MB			16.3		
OH21 14	[17-800 - URM: 50.20 - LRM: 31.40] - WILLS CREEK (SALT FORK TO BIRDS RUN)	96	MB			18.8		
OH21 19	[17-820 - URM: 32.00 - LRM: 0.00] - SALT FORK	96	MB			4.1		27.9
OH21 20	[17-821 - URM: 15.50 - LRM: 0.00] - SUGARTREE FORK	94	MB			5.0		10.5
OH21 21	[17-822 - URM: 9.20 - LRM: 0.00] - ROCKY FORK	96	MB			1.0		8.2
OH21 22	[17-823 - URM: 3.40 - LRM: 0.00] - YELLOW WATER CREEK	96	MB	1.1				2.3
OH21 23	[17-824 - URM: 7.20 - LRM: 0.00] - CLEAR FORK	96	MB	2.1				5.1
OH21 24	[17-825 - URM: 2.30 - LRM: 0.00] - TURKEY RUN	94	MB	0.5		0.5		1.3
OH21 25	[17-826 - URM: 3.00 - LRM: 0.00] - BEEHAM RUN	96	MB			2.1		0.9
OH21 26	[17-827 - URM: 7.50 - LRM: 0.00] - BRUSHY FORK	96	MB			1.3		6.2
OH21 27	[17-828 - URM: 1.90 - LRM: 0.00] - CHRISTIAN CREEK	96	MB				0.6	1.3
OH21 28	[17-829 - URM: 1.90 - LRM: 0.00] - COON RUN	96	MB				1.9	
OH21 29	[17-800 - URM: 65.00 - LRM: 50.20] - WILLS CREEK (LEATHERWOOD CREEK TO SALT FORK)	96	MB			1.6	13.2	
OH21 31	[17-830 - URM: 16.50 - LRM: 0.00] - CROOKED CREEK	88	MB				16.5	
OH21 33	[17-832 - URM: 6.20 - LRM: 0.00] - PETERS CREEK	88	EC	5.9				0.3
OH21 35	[17-834 - URM: 6.00 - LRM: 0.00] - NORTH CROOKED CREEK	88	EC	6.0				
OH21 38	[17-840 - URM: 28.60 - LRM: 0.00] - LEATHERWOOD CREEK	88	MB	3.1		7.0	13.0	5.5
OH21 39	[17-841 - URM: 3.50 - LRM: 0.00] - MUD RUN	88	MB				2.5	1.0
OH21 40	[17-842 - URM: 3.90 - LRM: 0.00] - HAWKINS RUN	88	MB				3.9	
OH21 41	[17-843 - URM: 4.90 - LRM: 0.00] - INFIRMARY RUN	88	MB				4.9	
OH21 43	[17-800 - URM: 81.47 - LRM: 64.98] - WILLS CREEK (BUFFALO FORK TO LEATHERWOOD CREEK)	96	MB			3.5	7.9	5.0
OH21 43.2	[- - URM: 0.00 - LRM: 0.00] -	88	EC			0.5	0.5	-1.0
OH21 44	[17-817 - URM: 6.90 - LRM: 0.00] - CHAPMAN RUN	96	MB				6.3	0.6

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH21 46	[17-850 - URM: 30.30 - LRM: 0.00] - SENECA FORK	88	EB				30.3	
OH21 61	[17-870 - URM: 9.50 - LRM: 0.00] - BUFFALO FORK	88	MB	8.8				0.7
OH21 61.1	[17-894 - URM: 2.55 - LRM: 0.00] - TRIB. TO BUFFALO FORK (CUMBERLAND)	88	EB				2.0	0.5
OH21 62	[17-871 - URM: 2.40 - LRM: 0.00] - CRANE RUN	88	MB	2.4				
OH21 63	[17-872 - URM: 7.50 - LRM: 0.00] - YOKER CREEK	88	MB	1.0		2.0	1.9	2.6
OH21 69	[17-878 - URM: 5.30 - LRM: 0.00] - COLLINS FORK	88	MB				5.3	
OH21 70	[17-879 - URM: 4.50 - LRM: 0.00] - MILLER CREEK	88	MB	4.5				
OH21 72	[17-881 - URM: 3.10 - LRM: 0.00] - RANNELLS CREEK	88	MB	3.1				
OH21 73	[17-890 - URM: 15.70 - LRM: 0.00] - BUFFALO CREEK	88	MB	14.5				1.2
Subbasin Totals:				63.9		68.9	110.7	
LICKING RIVER								
OH22 1	[17-200 - URM: 6.20 - LRM: 0.00] - LICKING RIVER (DILLON RES. TO MUSKINGUM RIVER)	96	MB	4.4		1.8		
OH22 2	[17-201 - URM: 7.10 - LRM: 0.00] - TIMBER RUN	96	MB	7.1				
OH22 5	[17-200 - URM: 21.70 - LRM: 6.20] - LICKING RIVER (ROCKY FORK TO DILLON RESERVOIR)	96	MB	15.5				
OH22 6	[17-204 - URM: 9.70 - LRM: 0.00] - BIG RUN	96	MB				9.7	
OH22 9	[17-207 - URM: 6.30 - LRM: 0.00] - BRUSHY FORK	88	EC	6.3				
OH22 10	[17-210 - URM: 20.20 - LRM: 0.00] - ROCKY FORK	88	MB	20.2				
OH22 11	[17-211 - URM: 10.20 - LRM: 0.00] - LOST RUN	88	MB	10.2				
OH22 14	[17-214 - URM: 5.70 - LRM: 0.00] - PAINTER RUN	88	MB	5.7				
OH22 15	[17-215 - URM: 5.30 - LRM: 0.00] - LONG RUN	88	MB	5.3				
OH22 16	[17-200 - URM: 30.20 - LRM: 21.70] - LICKING RIVER (NORTH/SOUTH FORKS TO ROCKY FORK)	96	MB	8.5				
OH22 23	[17-250 - URM: 20.30 - LRM: 0.00] - NORTH FORK (SYCAMORE CREEK TO S. FK. LICKING R.)	96	MB	2.8		1.0		16.5
OH22 23.1	[17-277 - URM: 3.95 - LRM: 0.00] - HOG HOLLOW RUN	88	EC					3.9
OH22 24	[17-251 - URM: 7.00 - LRM: 0.00] - LOG POND RUN	88	EC					7.0
OH22 25	[17-252 - URM: 2.80 - LRM: 0.00] - DRY RUN	88	EC	2.8				
OH22 30	[17-257 - URM: 9.40 - LRM: 0.00] - CLEAR FORK	88	EC		9.4			
OH22 32	[17-259 - URM: 2.00 - LRM: 0.00] - DOG HOLLOW RUN	88	EC	2.0				
OH22 33	[17-260 - URM: 12.20 - LRM: 0.00] - LAKE FORK	88	MB		12.2			

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH22 35	[17-262 - URM: 14.10 - LRM: 0.00] - SYCAMORE CREEK	96	MB	14.1				
OH22 37	[17-250 - URM: 38.80 - LRM: 20.30] - NORTH FORK LICKING R. (HEADWATERS TO SYCAMORE CR.)	88	MB	17.7			0.4	0.4
OH22 38	[17-264 - URM: 6.20 - LRM: 0.00] - VANCE CREEK	96	MB	6.2				
OH22 41	[17-267 - URM: 16.40 - LRM: 0.00] - OTTER FORK	90	MB		0.5			15.9
OH22 45	[17-220 - URM: 12.80 - LRM: 0.00] - S. FK. LICKING R. (BUCKEYE LK OUTLET TO LICKING R)	96	MB	11.6	1.2			
OH22 46	[17-221 - URM: 27.50 - LRM: 0.00] - RACCOON CREEK	96	MB	5.8				21.7
OH22 46.1	[17-240 - URM: 3.37 - LRM: 0.00] - TRIB. TO RACCOON CREEK (RM 18.9)	90	MB	0.5				2.8
OH22 48	[17-223 - URM: 12.10 - LRM: 0.00] - LOBDELL CREEK	96	MB		5.0			7.1
OH22 49	[17-224 - URM: 3.60 - LRM: 0.00] - MOOTS RUN	88	EC	3.6				
OH22 50	[17-225 - URM: 4.80 - LRM: 0.00] - SIMPSON RUN	88	EC	1.5				3.3
OH22 51	[17-226 - URM: 3.60 - LRM: 0.00] - PET RUN	88	EC	3.6				
OH22 52	[17-227 - URM: 5.80 - LRM: 0.00] - KIBER RUN	88	MB	2.1				3.7
OH22 57	[17-232 - URM: 8.40 - LRM: 0.00] - RAMP CREEK	96	MB	1.7		0.3		6.4
OH22 58	[17-233 - URM: 4.80 - LRM: 0.00] - BEAVER RUN	92	MB				0.7	4.1
OH22 59	[17-220 - URM: 23.20 - LRM: 12.80] - S. FK. LICKING R(TRIB@ 23.25 TO BUCKEYE LK OUTLET)	96	MB	10.1	0.3			
OH22 59.1	[17-237 - URM: 1.69 - LRM: 0.00] - WASTEWEIR RUN	88	EB				2.0	-0.3
OH22 60	[17-234 - URM: 5.90 - LRM: 0.00] - BELL RUN	88	EC	0.5				5.4
OH22 61	[17-220 - URM: 33.90 - LRM: 23.25] - S. FK. LICKING R. (HEADWATERS TO TRIB. @ 23.25)	96	MB	10.6				
Subbasin Totals:				180.4	28.6	3.1	12.8	
MIDDLE MUSKINGUM RIVER								
OH23 1	[17-940 - URM: 27.10 - LRM: 0.00] - SALT CREEK	88	EC	0.5				26.6
OH23 11	[17-950 - URM: 7.50 - LRM: 0.00] - LITTLE SALT CREEK	88	EC	0.5				7.0
OH23 11.1	[17-982 - URM: 1.53 - LRM: 0.00] - TRIB. TO LITTLE SALT CREEK (RM 3.6)	88	EC					1.5
OH23 15	[17-001 - URM: 76.20 - LRM: 67.00] - MUSKINGUM RIVER (LICKING RIVER TO SALT CREEK)	90	MB	9.2				
OH23 16	[17-914 - URM: 11.90 - LRM: 0.00] - BRUSH CREEK	90	EC				0.5	11.4
OH23 22	[17-310 - URM: 4.90 - LRM: 0.00] - JONATHAN CREEK (BUCKEYE FORK TO MOXAHALA CREEK)	88	EC				4.9	
OH23 25	[17-313 - URM: 12.10 - LRM: 0.00] - KENT RUN	88	MB		12.1			
OH23 26	[17-314 - URM: 5.20 - LRM: 0.00] - SALT RUN	92	EB	2.7				2.5

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH23 27	[17-310 - URM: 26.10 - LRM: 4.90] - JONATHAN CREEK (HEADWATERS TO BUCKEYE FORK)	88	MB			11.3	1.0	8.9
OH23 28	[17-315 - URM: 10.20 - LRM: 0.00] - BUCKEYE FORK	90	EC				9.9	0.3
OH23 36	[17-300 - URM: 29.20 - LRM: 4.54] - MOXAHALA CREEK (HEADWATERS TO JONATHAN CREEK)	90	MC				24.6	4.5
OH23 36.1	[17-326 - URM: 5.30 - LRM: 0.00] - TRIB. TO MOXAHALA CREEK (RM 24.8)	88	EC				2.0	3.3
OH23 39	[17-304 - URM: 3.90 - LRM: 0.00] - ELK RUN	88	EC				3.6	0.3
OH23 43	[17-308 - URM: 7.70 - LRM: 0.00] - BLACK FORK	92	MB				5.0	2.7
OH23 43.1	[17-325 - URM: 5.40 - LRM: 0.00] - OGG CREEK	88	MB		0.4		0.3	4.7
OH23 45	[17-323 - URM: 5.60 - LRM: 0.00] - MCLUNEY CREEK	90	EC				0.5	5.1
OH23 48	[17-001 - URM: 87.10 - LRM: 76.20] - MUSKINGUM RIVER (SYMMES CREEK TO LICKING RIVER)	90	MB	8.5		2.4		
LOWER MUSKINGUM RIVER		Subbasin Totals:		21.4	12.5	13.7	52.3	
OH24 1	[17-001 - URM: 17.20 - LRM: 0.00] - MUSKINGUM RIVER (BIG RUN TO OHIO RIVER)	90	MB	14.0		3.2		
OH24 17	[17-001 - URM: 29.40 - LRM: 17.20] - MUSKINGUM RIVER (MEIGS CREEK TO BIG RUN)	90	MB			8.1	0.5	3.6
OH24 27	[17-035 - URM: 25.40 - LRM: 0.00] - SOUTH BRANCH WOLF CREEK	88	EB	1.1		0.1		24.2
OH24 36	[17-044 - URM: 12.90 - LRM: 0.00] - WEST BR. WOLF CREEK (LAUREL RUN TO MUSKINGUM R.)	88	EB			12.9		
OH24 40	[17-044 - URM: 45.00 - LRM: 12.90] - WEST BR. WOLF CREEK (HEADWATERS TO LAUREL RUN)	88	EB	1.0		0.1	0.9	30.1
OH24 61	[17-070 - URM: 22.00 - LRM: 0.00] - OLIVE GREEN CREEK	92	EB			1.6		20.4
OH24 74	[17-920 - URM: 21.20 - LRM: 0.00] - MEIGS CREEK	92	MB		4.0	6.1		11.1
OH24 80	[17-926 - URM: 18.60 - LRM: 0.00] - DYES FORK	92	MB		5.0	1.0		12.6
OH24 92	[17-001 - URM: 50.50 - LRM: 29.40] - MUSKINGUM RIVER (MILLERS RUN TO MEIGS CREEK)	92	MB		7.0	12.0	1.6	0.5
OH24106	[17-001 - URM: 67.00 - LRM: 50.50] - MUSKINGUM RIVER (SALT CREEK TO MILLERS RUN)	90	MB	5.0		6.6	1.1	3.8
UPPER HOCKING RIVER		Subbasin Totals:		21.1	16.0	51.7	4.1	
OH25 1	[01-001 - URM: 81.62 - LRM: 73.40] - HOCKING RIVER (RUSH CREEK TO CLEAR CREEK)	92	MB	4.1		4.1		
OH25 2	[01-042 - URM: 5.10 - LRM: 0.00] - BUCK RUN	88	EC			0.5		4.6
OH25 4	[01-400 - URM: 24.00 - LRM: 0.00] - CLEAR CREEK	92	MB			19.9	0.1	4.0
OH25 4.1	[01-401 - URM: 5.20 - LRM: 0.00] - TRIB. TO CLEAR CREEK (RM 9.52)	96	MB		2.0			3.2
OH25 4.2	[01-440 - URM: 0.70 - LRM: 0.00] - AMANDA CREEK	90	MB				0.7	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH25 7	[01-420 - URM: 7.20 - LRM: 0.00] - MUDDY PRAIRIE RUN	88	MB	1.2				6.0
OH25 8	[01-430 - URM: 2.81 - LRM: 0.00] - DUNKLE RUN	88	MB				0.5	2.3
OH25 9	[01-450 - URM: 3.40 - LRM: 0.00] - MUDDY PRAIRIE CREEK	88	EC	0.5				2.9
OH25 12	[01-500 - URM: 16.68 - LRM: 0.00] - RUSH CREEK (LITTLE RUSH CREEK TO HOCKING RIVER)	92	MB	1.0				15.6
OH25 13	[01-510 - URM: 3.20 - LRM: 0.00] - DURBIN RUN	88	MB				3.2	
OH25 14	[01-520 - URM: 4.50 - LRM: 0.00] - TURKEY RUN	88	MB	1.9				2.6
OH25 15	[01-530 - URM: 8.00 - LRM: 0.00] - RACCOON RUN	88	MB				8.0	
OH25 16	[01-540 - URM: 18.00 - LRM: 0.00] - LITTLE RUSH CREEK	88	EB				2.4	15.6
OH25 20	[01-500 - URM: 38.20 - LRM: 16.68] - RUSH CREEK (HEADWATERS TO LITTLE RUSH CREEK)	88	MB				13.3	8.2
OH25 20.1	[01-501 - URM: 5.45 - LRM: 0.00] - BLUNTNOSE CREEK (TRIB. TO RUSH CREEK RM 19.40)	88	MB				2.0	3.4
OH25 21	[01-550 - URM: 9.93 - LRM: 0.00] - CENTER BRANCH RUSH CREEK	88	MB				1.5	8.4
OH25 21.1	[01-551 - URM: 7.00 - LRM: 0.00] - SOMERSET CREEK	90	MB	7.0				
OH25 21.2	[01-555 - URM: 2.34 - LRM: 0.00] - TRIB. TO CENTER BRANCH (RM 2.3)	88	EC	0.5				1.8
OH25 21.3	[01-554 - URM: 1.28 - LRM: 0.00] - TRIB. TO SOMERSET CREEK (RM 1.2)	88	EC	0.5				0.7
OH25 21.4	[01-553 - URM: 2.40 - LRM: 0.00] - TRIB. TO SOMERSET CREEK (RM 1.8)	88	EC	0.5				1.9
OH25 21.5	[01-552 - URM: 1.25 - LRM: 0.00] - TRIB. TO SOMERSET CREEK (RM 2.7)	88	EC	0.5				0.7
OH25 22	[01-560 - URM: 4.50 - LRM: 0.00] - TURKEY RUN	88	MB				4.5	
OH25 23	[01-001 - URM: 101.59 - LRM: 81.62] - HOCKING RIVER (HEADWATERS TO RUSH CREEK)	92	MB	0.9		5.7	9.0	4.3
OH25 25	[01-046 - URM: 4.60 - LRM: 0.00] - BALDWIN RUN	92	MB				0.5	4.1
OH25 27	[01-048 - URM: 7.50 - LRM: 0.00] - HUNTERS RUN	92	MB	1.1				6.4
Subbasin Totals:				19.7	2.0	30.2	45.7	
MIDDLE HOCKING RIVER								
OH26 1	[01-001 - URM: 48.89 - LRM: 34.93] - HOCKING RIVER (MONDAY CREEK TO ATHENS)	92	MB	1.8		12.1		
OH26 8	[01-200 - URM: 13.15 - LRM: 0.00] - SUNDAY CREEK (W. BR. SUNDAY CR. TO HOCKING R.)	92	MB				13.1	
OH26 14	[01-240 - URM: 14.00 - LRM: 0.00] - WEST BRANCH SUNDAY CREEK	88	EC	0.5				13.5
OH26 25	[01-300 - URM: 27.00 - LRM: 0.00] - MONDAY CREEK	92	MB				27.0	
OH26 26	[01-310 - URM: 10.70 - LRM: 0.00] - SNOW FORK	90	EC				0.5	10.2
OH26 26.1	[01-314 - URM: 4.34 - LRM: 0.00] - SYCAMORE HOLLOW	88	EC	0.5				3.8

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH26 32	[01-340 - URM: 14.30 - LRM: 0.00] - LITTLE MONDAY CREEK	92	MB				1.5	12.8
OH26 36	[01-001 - URM: 68.96 - LRM: 48.89] - HOCKING RIVER (SCOTT CREEK TO MONDAY CREEK)	92	MB	17.4	2.6			
OH26 42	[01-036 - URM: 7.10 - LRM: 0.00] - OLDTOWN CREEK	92	MB			1.0		6.1
OH26 42.1	[01-049 - URM: 1.40 - LRM: 0.00] - TRIB. TO OLDTOWN CREEK (GENERAL ELECTRIC)	88	EC	0.5				0.9
OH26 43	[01-037 - URM: 9.50 - LRM: 0.00] - SCOTT CREEK	88	MB	0.7			8.3	0.5
OH26 47	[01-001 - URM: 73.40 - LRM: 68.96] - HOCKING RIVER (ENTERPRISE TO SCOTT CREEK)	92	MB	3.8	0.6			
Subbasin Totals:				25.3	3.2	13.1	50.4	
LOWER HOCKING RIVER								
OH27 1	[01-001 - URM: 15.28 - LRM: 0.00] - HOCKING RIVER (FEDERAL CREEK TO OHIO RIVER)	92	MB			15.2		
OH27 14	[01-100 - URM: 11.25 - LRM: 0.00] - FEDERAL CREEK (MCDOUGALL BRANCH TO HOCKING RIVER)	92	MB			1.4		9.8
OH27 24	[01-160 - URM: 14.50 - LRM: 0.00] - SHARPS FORK	92	MB	1.1				13.4
OH27 24.1	[01-134 - URM: 2.00 - LRM: 0.00] - SULPHUR RUN	88	EC	0.5				1.5
OH27 25.1	[01-164 - URM: 0.44 - LRM: 0.00] - TRIB. TO OPOSSUM RUN (RM 1.0)	88	EC	0.5				-0.0
OH27 28	[01-170 - URM: 7.90 - LRM: 0.00] - MCDOUGALL BRANCH	92	MB	1.4				6.5
OH27 33	[01-100 - URM: 16.21 - LRM: 11.25] - FEDERAL CREEK (HYDE FORK TO MCDOUGALL BRANCH)	92	MB	4.9				
OH27 39	[01-001 - URM: 34.93 - LRM: 15.28] - HOCKING RIVER (ATHENS TO FEDERAL CREEK)	92	MB	4.4		15.2		
OH27 59	[17-900 - URM: 18.40 - LRM: 0.00] - LITTLE HOCKING RIVER	92	MB			1.1		17.3
Subbasin Totals:				12.8		33.0		
SE TRIBS (SHADE RIVER AND LEADING CREEK)								
OH28 30	[09-600 - URM: 18.19 - LRM: 0.00] - SHADE RIVER	92	MB			1.3		16.8
Subbasin Totals:						1.3		
SE TRIBS (LOWER RACCOON CREEK)								
OH29 7	[09-038 - URM: 3.00 - LRM: 0.00] - PAINT CREEK	88	EB				2.1	0.8
OH29 12	[09-051 - URM: 19.20 - LRM: 0.00] - CAMPAIGN CREEK	96	MB	4.0		2.0		13.2
OH29 19	[09-057 - URM: 11.80 - LRM: 0.00] - KYGER CREEK	92	MB		4.6		2.5	4.7
OH29 22	[09-060 - URM: 2.50 - LRM: 0.00] - STINGY RUN	88	EB				2.4	0.1
OH29 24	[09-062 - URM: 1.80 - LRM: 0.00] - BELL LICK RUN	88	MB				0.5	1.3
OH29 28	[09-200 - URM: 8.49 - LRM: 0.00] - LEADING CREEK (LITTLE LEADING CREEK TO OHIO RIVER)	96	MB				8.4	0.0

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH29 31	[09-212 - URM: 2.30 - LRM: 0.00] - BAILEY RUN	88	EC	2.3				
OH29 32	[09-213 - URM: 7.20 - LRM: 0.00] - THOMAS FORK	96	MB				5.0	2.2
OH29 34	[09-201 - URM: 10.60 - LRM: 0.00] - LITTLE LEADING CREEK	96	MB				2.0	8.6
OH29 35	[09-200 - URM: 18.50 - LRM: 8.49] - LEADING CREEK (DEXTER RUN TO LITTLE LEADING CREEK)	96	MB	1.3		2.9	5.8	
OH29 36	[09-202 - URM: 3.40 - LRM: 0.00] - MALLOONS RUN	96	MB	2.0				1.4
OH29 37	[09-203 - URM: 4.80 - LRM: 0.00] - PARKER RUN	96	MB				3.2	1.6
OH29 37.1	[09-218 - URM: 1.93 - LRM: 0.00] - LITTLE PARKER RUN	96	MB	1.5				0.4
OH29 39	[09-200 - URM: 33.00 - LRM: 18.50] - LEADING CREEK (HEADWATERS TO DEXTER RUN)	96	MB	10.0			4.5	
OH29 39.2	[09-219 - URM: 3.35 - LRM: 0.00] - TRIB. TO LEADING CREEK (RM 20.45)	96	MB	2.0				1.3
OH29 40	[09-205 - URM: 5.30 - LRM: 0.00] - DEXTER RUN	92	MB			5.3		
Subbasin Totals:				23.1	4.6	10.2	36.4	
SE TRIBS (UPPER RACCOON CREEK)								
OH30 1	[09-510 - URM: 12.57 - LRM: 0.00] - LITTLE RACCOON CREEK (DICKASON RUN TO RACCOON CR.)	88	MB				12.5	
OH30 2	[09-511 - URM: 4.00 - LRM: 0.00] - DEER CREEK	96	MB				4.0	
OH30 3	[09-512 - URM: 2.30 - LRM: 0.00] - KEETON RUN	96	MB	2.3				
OH30 4	[09-513 - URM: 4.60 - LRM: 0.00] - SPRING RUN	96	MB					4.6
OH30 5	[09-514 - URM: 11.20 - LRM: 0.00] - DICKASON RUN	96	MB				8.4	2.8
OH30 7	[09-510 - URM: 28.89 - LRM: 12.57] - LITTLE RACCOON CREEK (SAND RUN TO DICKASON RUN)	92	MB			1.7	2.6	12.0
OH30 8	[09-516 - URM: 2.50 - LRM: 0.00] - TARCAMP RUN	96	MB				2.1	0.4
OH30 9	[09-517 - URM: 1.80 - LRM: 0.00] - GOOSE RUN	90	EC				1.5	0.3
OH30 12	[09-520 - URM: 2.20 - LRM: 0.00] - FLINT RUN	90	EC				2.2	
OH30 15	[09-523 - URM: 4.90 - LRM: 0.00] - MULGA RUN	96	MB				4.7	0.2
OH30 16	[09-524 - URM: 5.10 - LRM: 0.00] - MEADOW RUN	92	MB		1.1		2.1	1.9
OH30 17	[09-510 - URM: 40.50 - LRM: 28.89] - LITTLE RACCOON CREEK (HEADWATERS TO SAND RUN)	96	MB	11.6				
OH30 17.1	[09-582 - URM: 3.05 - LRM: 0.00] - SUGAR RUN	96	MB				2.0	1.0
OH30 18	[09-525 - URM: 4.30 - LRM: 0.00] - SAND RUN	96	MB		1.2	3.0		
OH30 22	[09-500 - URM: 47.67 - LRM: 37.55] - RACCOON CREEK (FLATLICK RUN TO LITTLE RACCOON CR.)	96	MB				10.1	
OH30 23	[09-544 - URM: 2.90 - LRM: 0.00] - ROBINSON RUN	96	MB				2.1	0.8

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID #	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat-ened	Partial		
OH30 24	[09-545 - URM: 3.10 - LRM: 0.00] - SUGAR RUN	96	MB	0.8		0.3		2.0
OH30 25	[09-546 - URM: 10.40 - LRM: 0.00] - STRONGS RUN	96	MB				7.2	3.2
OH30 26	[09-547 - URM: 2.80 - LRM: 0.00] - WILLIAMS RUN	96	MB				0.5	2.3
OH30 28	[09-500 - URM: 66.64 - LRM: 47.67] - RACCOON CREEK (ELK FORK TO FLATLICK RUN)	96	MB				3.0	15.9
OH30 29	[09-549 - URM: 5.10 - LRM: 0.00] - FLATLICK RUN	96	MB	1.1				4.0
OH30 34	[09-554 - URM: 2.60 - LRM: 0.00] - ZINNS RUN	92	MB				2.4	0.2
OH30 35	[09-530 - URM: 18.60 - LRM: 0.00] - ELK FORK	88	EB			4.2	14.4	
OH30 38	[09-533 - URM: 7.50 - LRM: 0.00] - WOLF RUN	88	MB				7.1	0.4
OH30 39	[09-534 - URM: 5.60 - LRM: 0.00] - PUNCHEON FORK	88	MB				5.6	
OH30 40	[09-578 - URM: 2.95 - LRM: 0.00] - AUSTIN POWDER TRIB.	88	EB				2.9	
OH30 41	[09-500 - URM: 89.54 - LRM: 66.64] - RACCOON CREEK (HEWETT FORK TO ELK FORK)	90	EC				0.5	22.4
OH30 50	[09-563 - URM: 17.80 - LRM: 0.00] - HEWETT FORK	90	EC				15.4	2.4
OH30 50.1	[09-586 - URM: 2.30 - LRM: 0.00] - CARBONDALE CREEK	90	EC				0.5	1.8
OH30 56	[09-568 - URM: 6.00 - LRM: 0.00] - SANDY RUN	90	EC				3.8	2.2
OH30 56.1	[09-583 - URM: 1.40 - LRM: 0.00] - BIG FOUR HOLLOW (LAKE HOPE)	90	EC				1.4	
OH30 59	[09-571 - URM: 10.80 - LRM: 0.00] - BRUSHY FORK	90	EC				10.8	
OH30 60	[09-500 - URM: 111.96 - LRM: 103.06] - RACCOON CREEK (EAST/WEST BRANCH TO BRUSHY FORK)	90	MC				8.9	
OH30 63	[09-574 - URM: 9.30 - LRM: 0.00] - EAST BRANCH RACCOON CREEK	90	EC				7.7	1.6
OH30 63.1	[09-579 - URM: 2.15 - LRM: 0.00] - TRIB. TO E. BR. RACCOON CREEK (RM 5.6)	90	EC				0.3	1.8
		Subbasin Totals:		15.8	2.3	9.2	146.8	
SE TRIBS (LITTLE INDIAN GUYAN CREEK)								
OH31 2	[09-100 - URM: 14.63 - LRM: 0.00] - INDIAN GUYAN CREEK (L. INDIAN GUYAN CR. TO OHIO R)	92	MB		1.1			13.5
OH31 33	[09-500 - URM: 12.65 - LRM: 0.00] - RACCOON CREEK (CLAYLICK RUN TO OHIO RIVER)	92	MB			3.1		9.5
OH31 49	[09-500 - URM: 37.55 - LRM: 27.83] - RACCOON CREEK (LITTLE RACCOON CREEK TO RYAN RUN)	96	MB				8.9	0.8
OH31 50	[09-539 - URM: 9.10 - LRM: 0.00] - INDIAN CREEK	88	EB				1.5	7.6
OH31 51	[09-540 - URM: 8.90 - LRM: 0.00] - LITTLE INDIAN CREEK	88	EC	0.5				8.4
		Subbasin Totals:		0.5	1.1	3.1	10.4	

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat-ened	Partial		
SE TRIBS (SYMMES CREEK)								
OH32 1	[09-700 - URM: 17.01 - LRM: 0.00] - SYMMES CREEK (VENISONHAM CREEK TO OHIO RIVER)	92	MB		3.6			13.4
OH32 24	[09-719 - URM: 7.50 - LRM: 0.00] - BUFFALO CREEK	92	MB		7.5			
OH32 25	[09-720 - URM: 3.90 - LRM: 0.00] - COULLEY FORK	92	MB		3.9			
OH32 35	[09-730 - URM: 16.05 - LRM: 0.00] - BLACK FORK	88	EB				6.4	9.6
OH32 40	[09-735 - URM: 3.40 - LRM: 0.00] - HUNTINGCAMP CREEK	88	EB				3.4	
Subbasin Totals:					15.0		9.8	
SE TRIBS (LITTLE SCIOTO RIVER AND PINE CREEK)								
OH33 3	[09-300 - URM: 18.35 - LRM: 0.00] - LITTLE SCIOTO RIVER (ROCKY FORK TO OHIO RIVER)	92	MB	6.2				12.1
OH33 12	[09-310 - URM: 15.00 - LRM: 0.00] - ROCKY FORK	92	MB	1.1				13.9
OH33 28	[09-300 - URM: 24.12 - LRM: 18.35] - LITTLE SCIOTO RIVER (HOLLAND FORK TO ROCKY FORK)	92	MB	1.1				4.6
OH33 31	[09-327 - URM: 2.80 - LRM: 0.00] - BEAR RUN	92	MB		2.1			0.7
OH33 34	[09-332 - URM: 1.90 - LRM: 0.00] - LITTLE BUCKLICK CREEK	92	MB	1.9				
OH33 49	[09-400 - URM: 19.53 - LRM: 0.00] - PINE CREEK (LITTLE PINE CREEK TO OHIO RIVER)	88	EC	0.5				19.0
OH33 61	[09-400 - URM: 38.15 - LRM: 19.53] - PINE CREEK (HALES CREEK TO LITTLE PINE CREEK)	92	MB		1.2			17.4
OH33 74	[09-422 - URM: 2.30 - LRM: 0.00] - PAINTER CREEK	88	EC			2.3		
OH33 81	[09-007 - URM: 15.50 - LRM: 0.00] - STORMS CREEK	92	MB	1.1				14.4
OH33 86	[09-011 - URM: 14.50 - LRM: 0.00] - ICE CREEK	92	MB		4.8			9.7
Subbasin Totals:				11.9	8.1	2.3		
UPPER SCIOTO RIVER (AND LITTLE SCIOTO RIVER)								
OH34 1	[02-158 - URM: 10.42 - LRM: 0.00] - LITTLE SCIOTO RIVER (ROCK FORK TO SCIOTO RIVER)	94	MB			2.0	8.4	0.0
OH34 1.1	[02-236 - URM: 3.00 - LRM: 0.00] - ROCKSWALE DITCH	88	EB				3.0	
OH34 1.2	[02-235 - URM: 2.26 - LRM: 0.00] - COLUMBIA DITCH	88	EB				2.0	0.2
OH34 1.3	[02-237 - URM: 6.71 - LRM: 0.00] - NORTH ROCKSWALE DITCH	88	MB	3.0				3.7
OH34 2	[02-159 - URM: 2.30 - LRM: 0.00] - HONEY CREEK	88	EB			0.5	0.7	1.1
OH34 3	[02-158 - URM: 27.22 - LRM: 10.42] - LITTLE SCIOTO RIVER (HEADWATERS TO ROCK FORK)	88	MB			0.8		16.0
OH34 5	[02-001 - URM: 189.60 - LRM: 177.35] - SCIOTO RIVER (RUSH CREEK TO LITTLE SCIOTO RIVER)	88	EB			12.2		
OH34 8	[02-165 - URM: 40.10 - LRM: 0.00] - RUSH CREEK	88	EB	1.1		7.2		31.8

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH34 13	[02-001 - URM: 203.56 - LRM: 189.60] - SCIOTO RIVER (PANTHER CREEK TO RUSH CREEK)	88	EB			13.9		
OH34 17	[02-001 - URM: 213.07 - LRM: 203.56] - SCIOTO RIVER (SILVER CREEK TO PANTHER CREEK)	88	EB			1.5	8.0	
OH34 24	[02-001 - URM: 238.00 - LRM: 213.07] - SCIOTO RIVER (HEADWATERS TO SILVER CREEK)	88	EB			3.6	8.4	12.9
OH34 25	[02-181 - URM: 7.80 - LRM: 0.00] - TAYLOR CREEK	88	EB	5.7			1.4	0.7
OH34 26	[02-182 - URM: 7.30 - LRM: 0.00] - SILVER CREEK	88	MB	4.5				2.8
OH34 32	[02-188 - URM: 6.00 - LRM: 0.00] - COTTONWOOD DITCH	88	EB				6.0	
Subbasin Totals:				14.3		41.8	37.9	
SCIOTO RIVER (MILL CR.,BOKES CR., FULTON CR.)								
OH35 1	[02-109 - URM: 25.80 - LRM: 0.00] - MILL CREEK (OTTER RUN TO SCIOTO RIVER)	92	MB		1.9	11.9	9.6	2.4
OH35 1.1	[02-239 - URM: 1.75 - LRM: 0.00] - TOWN RUN	92	MB				0.5	1.2
OH35 2	[02-126 - URM: 22.70 - LRM: 0.00] - BLUES CREEK	92	MB	0.7		6.0		16.0
OH35 7	[02-132 - URM: 5.17 - LRM: 0.00] - TRIB. TO MILL CREEK (BMV)	92	MB				5.0	0.1
OH35 8	[02-133 - URM: 2.80 - LRM: 0.00] - CROSSES RUN	92	MB				1.9	0.9
OH35 9	[02-109 - URM: 37.80 - LRM: 23.80] - MILL CREEK (HEADWATERS TO OTTER RUN)	88	MB	6.2				7.8
OH35 12	[02-001 - URM: 161.88 - LRM: 155.40] - SCIOTO RIVER (BOKES CREEK TO MILL CREEK)	92	MB			6.4		
OH35 15	[02-138 - URM: 19.71 - LRM: 0.00] - BOKES CREEK (BRUSH RUN TO SCIOTO RIVER)	94	MB			19.6		0.1
OH35 18	[02-138 - URM: 39.70 - LRM: 19.71] - BOKES CREEK (HEADWATERS TO BRUSH RUN)	94	MB	5.8		1.2	0.5	12.4
OH35 18.1	[- - URM: 0.00 - LRM: 0.00] -	96	MB				3.9	-3.9
OH35 19	[02-144 - URM: 5.10 - LRM: 0.00] - POWDERLICK RUN	90	MB				5.1	
OH35 21	[02-194 - URM: 2.50 - LRM: 0.00] - W. FK. WEST MANSFIELD TRIB.	88	MB				2.5	
OH35 22	[02-195 - URM: 2.67 - LRM: 0.00] - E. FK. WEST MANSFIELD TRIB.	88	EB				1.0	1.6
OH35 23	[02-229 - URM: 3.60 - LRM: 0.00] - MAYOR PAINTER DITCH	88	EB				2.0	1.6
OH35 24	[02-001 - URM: 165.44 - LRM: 161.88] - SCIOTO RIVER (FULTON CREEK TO BOKES CREEK)	88	EB			3.5		
OH35 25	[02-145 - URM: 16.60 - LRM: 0.00] - FULTON CREEK	88	EB	7.9		3.7	5.0	
OH35 25.1	[02-233 - URM: 3.30 - LRM: 0.00] - TRIB. TO FULTON CREEK	88	EB				0.2	3.1
OH35 27	[02-001 - URM: 177.35 - LRM: 165.44] - SCIOTO RIVER (LITTLE SCIOTO RIVER TO FULTON CREEK)	88	EB			5.3	6.6	
Subbasin Totals:				20.6	1.9	57.7	43.8	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
UPPER OLENTANGY RIVER								
OH36 1	[02-400 - URM: 36.07 - LRM: 25.71] - OLENTANGY RIVER (WHETSTONE CREEK TO DELAWARE RUN)	90	MB	1.1		2.5	0.7	6.0
OH36 8	[02-450 - URM: 8.47 - LRM: 0.00] - WHETSTONE CREEK (SHAW CREEK TO OLENTANGY RIVER)	96	MB	8.4				
OH36 11	[02-453 - URM: 18.20 - LRM: 0.00] - SHAW CREEK	96	MB		2.0			16.2
OH36 12	[02-450 - URM: 34.97 - LRM: 8.47] - WHETSTONE CREEK (HEADWATERS TO SHAW CREEK)	96	MB	12.1		6.0		8.4
OH36 22	[02-418 - URM: 8.60 - LRM: 0.00] - GRAVE CREEK	96	MB			1.0		7.6
OH36 23	[02-400 - URM: 62.44 - LRM: 45.35] - OLENTANGY RIVER (MUD RUN TO GRAVE CREEK)	96	MB	12.7		4.3		
OH36 30	[02-425 - URM: 15.40 - LRM: 0.00] - FLAT RUN	96	MB	1.0				14.4
OH36 34	[02-429 - URM: 10.50 - LRM: 0.00] - MUD RUN (TRIB. OF OLENTANGY RIVER)	96	MB			1.5		9.0
OH36 35	[02-400 - URM: 92.98 - LRM: 62.44] - OLENTANGY RIVER (HEADWATERS TO MUD RUN)	96	MB	25.0		4.6	0.9	
		Subbasin Totals:		60.3	2.0	20.0	1.6	
LOWER OLENTANGY RIVER								
OH37 1	[02-001 - URM: 124.40 - LRM: 117.15] - SCIOTO RIVER (SCIOTO BIG RUN TO BIG WALNUT CREEK)	94	MB	5.6		1.5	0.1	
OH37 1.1	[02-243 - URM: 4.00 - LRM: 0.00] - REPUBLICAN RUN (GROVE CITY)	94	MB	3.5				0.5
OH37 4	[02-092 - URM: 8.00 - LRM: 0.00] - SCIOTO BIG RUN	96	MB	2.0			3.0	3.0
OH37 5	[02-093 - URM: 3.00 - LRM: 0.00] - MARSH RUN	96	MB				3.0	
OH37 6	[02-001 - URM: 132.33 - LRM: 124.40] - SCIOTO RIVER (OLENTANGY RIVER TO SCIOTO BIG RUN)	94	MB	2.7		3.0	2.2	0.0
OH37 7	[02-197 - URM: 7.90 - LRM: 0.00] - KIAN RUN	88	EC			0.5		7.4
OH37 9	[02-400 - URM: 14.48 - LRM: 0.00] - OLENTANGY RIVER (BARTHOLOMEW RUN TO SCIOTO RIVER)	90	MB		2.9	8.2	3.3	
OH37 12	[02-403 - URM: 1.50 - LRM: 0.00] - RUSH RUN	96	MB				1.5	
OH37 13	[02-400 - URM: 25.71 - LRM: 14.48] - OLENTANGY RIVER (DELAWARE RUN TO BARTHOLOMEW RUN)	90	MB		7.2	4.0		
OH37 19	[02-001 - URM: 145.18 - LRM: 132.33] - SCIOTO RIVER (INDIAN RUN TO OLENTANGY RIVER)	94	MB	6.3				6.5
OH37 19.1	[02-238 - URM: 0.38 - LRM: 0.00] - INDIAN RUN	88	EC			0.5		-0.1
OH37 19.2	[02-266 - URM: 5.30 - LRM: 0.00] - TRABUE RUN	96	MB	1.0			3.0	1.3
OH37 25	[02-001 - URM: 155.40 - LRM: 145.18] - SCIOTO RIVER (MILL CREEK TO INDIAN RUN)	92	MB		3.7		6.5	
OH37 27	[02-108 - URM: 3.60 - LRM: 0.00] - EVERSELE RUN	96	MB	3.0	3.0			-2.4
		Subbasin Totals:		24.1	16.8	17.7	22.7	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat-ened	Partial	Not Support.	
BIG WALNUT CREEK								
OH38 1	[02-100 - URM: 15.30 - LRM: 0.00] - BIG WALNUT CREEK (ALUM/BLACKLICK CR. TO SCIOTO R.)	94	MB	7.3	8.0			
OH38 2	[02-110 - URM: 19.90 - LRM: 0.00] - ALUM CREEK (COLUMBUS BOUNDARY TO BIG WALNUT CREEK)	88	EB			8.4	11.5	
OH38 4.1	[02-264 - URM: 6.34 - LRM: 0.00] - MEACHAM RUN	96	MB		1.5			4.8
OH38 4.2	[02-265 - URM: 6.11 - LRM: 0.00] - NOBLE RUN (SPRING HOLLOW)	96	MB		2.0			4.1
OH38 17	[02-130 - URM: 28.00 - LRM: 0.00] - BLACKLICK CREEK	94	MB		6.1	11.1	10.8	
OH38 18	[02-100 - URM: 28.30 - LRM: 15.30] - BIG WALNUT CREEK (ROCKY FORK TO ALUM CREEK)	94	MB	12.0		1.0		
OH38 20	[02-100 - URM: 37.60 - LRM: 28.30] - BIG WALNUT CREEK (HOOVER RES. DAM TO ROCKY FORK)	94	MB		4.0	5.3		
OH38 21	[02-123 - URM: 13.00 - LRM: 0.00] - ROCKY FORK	96	MB		5.8	1.8	3.0	2.4
OH38 21.1	[02-252 - URM: 3.40 - LRM: 0.00] - ROSE RUN	94	MB		0.5			2.9
OH38 28	[02-100 - URM: 53.35 - LRM: 46.95] - BIG WALNUT CREEK (CULVER CREEK TO L. WALNUT CR.)	88	EB	3.0			3.4	
OH38 29	[02-125 - URM: 3.60 - LRM: 0.00] - PRAIRIE RUN	88	EB				2.0	1.6
OH38 36	[02-100 - URM: 62.76 - LRM: 53.35] - BIG WALNUT CREEK (REYNOLDS RUN TO CULVER CREEK)	90	MB	9.4				
OH38 39	[02-103 - URM: 6.40 - LRM: 0.00] - LONG RUN	88	EB			4.3	2.1	
OH38 40	[02-100 - URM: 71.70 - LRM: 62.76] - BIG WALNUT CREEK (HEADWATERS TO REYNOLDS RUN)	90	MB				5.0	3.9
		Subbasin Totals:		31.7	27.9	31.9	37.8	
BIG DARBY CREEK								
OH39 1	[02-200 - URM: 12.93 - LRM: 0.00] - BIG DARBY CREEK (DARBYVILLE TO SCIOTO RIVER)	88	EB		4.6	4.5	3.8	
OH39 1.1	[02-274 - URM: 3.50 - LRM: 0.00] - TRIB. TO BIG DARBY CREEK (RM 8.80)	96	MB	0.5				3.0
OH39 1.4	[02-270 - URM: 4.16 - LRM: 0.00] - TRIB. TO BIG DARBY CREEK (RM 20.2)	96	MB	1.0				3.1
OH39 2	[02-200 - URM: 25.70 - LRM: 12.93] - BIG DARBY CREEK (HELLBRANCH RUN TO LIZZARD RUN)	96	MB	12.7				
OH39 6	[02-204 - URM: 11.18 - LRM: 0.00] - HELLBRANCH RUN	96	MB		3.8	3.7	5.3	-1.6
OH39 6.1	[02-245 - URM: 8.50 - LRM: 0.00] - CLOVER GROFF DITCH	96	MB				8.5	
OH39 6.2	[02-259 - URM: 6.20 - LRM: 0.00] - HAMILTON DITCH	96	MB				3.4	2.8
OH39 7	[02-200 - URM: 34.10 - LRM: 25.70] - BIG DARBY CREEK (L. DARBY CREEK TO HELLBRANCH RUN)	96	MB	8.4				
OH39 8	[02-210 - URM: 7.50 - LRM: 0.00] - LITTLE DARBY CREEK (SPRING FORK TO BIG DARBY CR.)	96	MB	7.2		0.3		
OH39 9	[02-211 - URM: 16.00 - LRM: 0.00] - SPRING FORK	96	MB	16.0				
OH39 10	[02-210 - URM: 31.30 - LRM: 7.50] - LITTLE DARBY CREEK (TREACLE CREEK TO SPRING FORK)	88	EB			8.0		5.8

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH39 12	[02-213 - URM: 14.20 - LRM: 0.00] - TREACLE CREEK	96	MB	7.4		0.9		5.9
OH39 13	[02-214 - URM: 6.00 - LRM: 0.00] - PROCTOR RUN	94	MB	6.0				
OH39 15	[02-210 - URM: 45.00 - LRM: 31.30] - LITTLE DARBY CREEK (HEADWATERS TO TREACLE CREEK)	88	EB				0.5	13.2
OH39 19	[02-200 - URM: 44.96 - LRM: 34.10] - BIG DARBY CREEK (FITZGERALD DITCH TO L. DARBY CR.)	96	MB	7.0		3.8		
OH39 19.1	[02-272 - URM: 4.60 - LRM: 0.00] - FITZGERALD DITCH	96	MB				0.5	4.1
OH39 21	[02-200 - URM: 50.92 - LRM: 44.96] - BIG DARBY CREEK (SUGAR RUN TO FITZGERALD DITCH)	96	MB	5.9				
OH39 22	[02-200 - URM: 63.74 - LRM: 50.92] - BIG DARBY CREEK (BUCK RUN TO SUGAR RUN)	96	MB	12.3	0.5			
OH39 23	[02-206 - URM: 8.00 - LRM: 0.00] - SUGAR RUN	94	MB				8.0	
OH39 24	[02-207 - URM: 3.20 - LRM: 0.00] - ROBINSON RUN	94	MB	3.2				
OH39 26	[02-200 - URM: 74.30 - LRM: 63.74] - BIG DARBY CREEK (SPAIN CREEK TO BUCK RUN)	96	MB	10.5				
OH39 27	[02-209 - URM: 14.70 - LRM: 0.00] - BUCK RUN	96	MB			1.0	7.8	5.9
OH39 30	[02-221 - URM: 8.00 - LRM: 0.00] - PLEASANT RUN	90	MB	3.0				5.0
OH39 31	[02-200 - URM: 83.70 - LRM: 74.30] - BIG DARBY CREEK (HEADWATERS TO SPAIN CREEK)	96	MB	9.4				
OH39 31.1	[02-222 - URM: 7.30 - LRM: 0.00] - SPAIN CREEK	96	MB	4.0				3.3
OH39 32	[02-251 - URM: 6.00 - LRM: 0.00] - LITTLE DARBY CREEK	90	MB		0.5	5.5		
OH39 33	[02-223 - URM: 4.70 - LRM: 0.00] - FLAT BRANCH	96	MB	0.5			1.0	3.2
WALNUT CREEK		Subbasin Totals:		115.2	9.4	27.7	38.8	
OH40 1	[02-001 - URM: 106.10 - LRM: 100.80] - SCIOTO RIVER (WALNUT CREEK TO BIG DARBY CREEK)	94	MB		5.3			
OH40 4	[02-078 - URM: 5.47 - LRM: 0.00] - WALNUT CREEK (LITTLE WALNUT CREEK TO SCIOTO RIVER)	88	MB	5.4				
OH40 5	[02-079 - URM: 12.45 - LRM: 0.00] - LITTLE WALNUT CREEK	88	MB	11.1				1.3
OH40 9	[02-078 - URM: 21.15 - LRM: 5.47] - WALNUT CREEK (GEORGE CREEK TO LITTLE WALNUT CREEK)	96	MB		15.6			
OH40 12	[02-084 - URM: 8.50 - LRM: 0.00] - GEORGES CREEK	88	EB				1.8	6.7
OH40 12.1	[02-231 - URM: 8.50 - LRM: 0.00] - TRIB. TO GEORGES CREEK	88	EB			0.8	5.1	2.6
OH40 13	[02-078 - URM: 29.18 - LRM: 21.15] - WALNUT CREEK (SYCAMORE CREEK TO GEORGE CREEK)	96	MB		8.0			
OH40 14	[02-226 - URM: 8.00 - LRM: 0.00] - TUSSING DITCH	88	EB				8.0	
OH40 15	[02-085 - URM: 13.60 - LRM: 0.00] - SYCAMORE CREEK	96	MB		13.6			
OH40 16	[02-078 - URM: 41.39 - LRM: 29.18] - WALNUT CREEK (PAWPAW CREEK TO SYCAMORE CREEK)	96	MB		12.2			

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH40 17	[02-199 - URM: 6.50 - LRM: 0.00] - GILLETTE RUN	88	EB			0.5		6.0
OH40 19	[02-087 - URM: 4.70 - LRM: 0.00] - PAWPAW CREEK	88	EB				0.9	3.8
OH40 20	[02-224 - URM: 6.79 - LRM: 0.00] - ZELLERBACH TRIB.	88	EB				0.5	6.2
OH40 21	[02-078 - URM: 54.44 - LRM: 41.39] - WALNUT CREEK (HEADWATERS TO PAWPAW CREEK)	88	EB			5.7		7.3
OH40 22	[02-225 - URM: 7.40 - LRM: 0.00] - PLEASANTVILLE-THURSTON WWTP TRIB.	88	EB				1.0	6.4
OH40 23	[02-001 - URM: 117.15 - LRM: 106.10] - SCIOTO RIVER (BIG WALNUT CREEK TO WALNUT CREEK)	94	MB	11.0				
Subbasin Totals:				27.6	54.8	7.0	17.3	
MIDDLE SCIOTO RIVER (INCLUDING DEER CREEK)								
OH41 1	[02-001 - URM: 82.96 - LRM: 63.50] - SCIOTO RIVER (KINNIKINNICK CREEK TO PAINT CREEK)	94	MB		8.1	11.0	0.3	
OH41 5	[02-068 - URM: 14.40 - LRM: 0.00] - KINNIKINNICK CREEK	96	MB	9.0				5.4
OH41 6	[02-001 - URM: 89.60 - LRM: 82.97] - SCIOTO RIVER (SCIPO CREEK TO KINNIKINNICK CREEK)	94	MB		1.8	4.8		
OH41 6.1	[02-196 - URM: 7.00 - LRM: 0.00] - BLACKWATER CREEK	96	MB			0.7	5.7	0.6
OH41 7	[02-300 - URM: 7.21 - LRM: 0.00] - DEER CREEK (HAY RUN TO SCIOTO RIVER)	92	MB	7.2				
OH41 8	[02-301 - URM: 5.50 - LRM: 0.00] - WAUGH RUN	88	EC	5.5				
OH41 9	[02-302 - URM: 7.50 - LRM: 0.00] - HAY RUN	88	EB	4.9		0.5	2.1	
OH41 10	[02-303 - URM: 1.70 - LRM: 0.00] - STALL RUN	88	EC	1.7				
OH41 11	[02-300 - URM: 16.86 - LRM: 7.21] - DEER CREEK (DRY RUN TO HAY RUN)	92	MB	9.6				
OH41 12	[02-300 - URM: 23.89 - LRM: 16.86] - DEER CREEK (DEER CREEK DAM TO DRY RUN)	92	MB	7.0				
OH41 13	[02-304 - URM: 6.00 - LRM: 0.00] - DRY RUN	88	EC	6.0				
OH41 14	[02-305 - URM: 5.30 - LRM: 0.00] - BUSKIRK CREEK	88	EC	5.3				
OH41 17	[02-307 - URM: 2.50 - LRM: 0.00] - GEORGES RUN	88	EC	2.5				
OH41 18	[02-300 - URM: 41.22 - LRM: 29.40] - DEER CREEK (BRADFORD/SUGAR CREEK TO DEER CR. RES.)	92	MB	11.8				
OH41 26	[02-300 - URM: 50.18 - LRM: 41.22] - DEER CREEK (OAK RUN TO SUGAR RUN)	88	MB	2.8		1.1	5.0	
OH41 28	[02-316 - URM: 16.61 - LRM: 0.00] - OAK RUN	88	EB	1.6		2.3	12.7	
OH41 28.1	[02-320 - URM: 2.47 - LRM: 0.00] - JONES DITCH	88	EC				2.4	
OH41 30	[02-300 - URM: 74.50 - LRM: 50.18] - DEER CREEK (HEADWATERS TO OAK RUN)	88	MB	1.2				23.1
OH41 30.1	[02-322 - URM: 2.90 - LRM: 0.00] - CHILDRENS HOME DITCH	90	MB		2.4	0.5		
OH41 32	[02-319 - URM: 4.00 - LRM: 0.00] - NORTH FORK DEER CREEK	88	EC	4.0				

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH41 33	[02-001 - URM: 100.80 - LRM: 89.61] - SCIOTO RIVER (BIG DARBY CREEK TO SCIPPO CREEK)	94	MB		6.1	5.0	0.1	
OH41 34	[02-069 - URM: 19.47 - LRM: 0.00] - SCIPPO CREEK	96	MB		10.7	6.1		2.6
OH41 34.1	[02-261 - URM: 2.07 - LRM: 0.00] - TRIB. TO SCIPPO CREEK (RM 16.22)	96	MB	2.0				0.0
OH41 34.2	[02-262 - URM: 0.25 - LRM: 0.00] - TRIB. TO SCIPPO CREEK (RM 18.87)	96	MB				0.2	
OH41 35	[02-070 - URM: 8.50 - LRM: 0.00] - CONGO CREEK	96	MB		6.0			2.5
OH41 36	[02-071 - URM: 10.60 - LRM: 0.00] - YELLOWBUD CREEK	96	MB	3.0				7.6
OH41 38	[02-073 - URM: 6.70 - LRM: 0.00] - LICK RUN	96	MB	1.0			1.0	4.7
OH41 39	[02-074 - URM: 6.60 - LRM: 0.00] - HARGUS CREEK	94	MB		1.9	2.7		2.0
OH41 40	[02-075 - URM: 3.70 - LRM: 0.00] - HOMINY CREEK	94	MB		3.7			
Subbasin Totals:				86.2	40.8	34.7	29.6	
UPPER PAINT CREEK								
OH42 1	[02-500 - URM: 51.00 - LRM: 37.12] - PAINT CREEK (UPPER RESERVOIR TO ROCKY FORK)	90	MB	5.0				8.8
OH42 15	[02-550 - URM: 26.87 - LRM: 9.46] - RATTLESNAKE CREEK (WEST BRANCH TO LEES CREEK)	88	EB	1.1		6.0		10.3
OH42 16	[02-562 - URM: 11.80 - LRM: 0.00] - WEST BRANCH RATTLESNAKE CREEK	88	MB				5.0	6.8
OH42 18	[02-563 - URM: 10.20 - LRM: 0.00] - WILSON CREEK	88	EB				1.9	8.3
OH42 24	[02-500 - URM: 60.63 - LRM: 51.00] - PAINT CREEK (SUGAR CREEK TO UPPER PAINT CREEK RES)	90	MB	9.6				
OH42 30	[02-579 - URM: 35.70 - LRM: 0.00] - SUGAR CREEK	88	MB				3.0	32.7
OH42 31	[02-500 - URM: 69.04 - LRM: 60.63] - PAINT CREEK (E. FK. PAINT CREEK TO SUGAR CREEK)	90	MB	0.1		8.3		
OH42 35	[02-500 - URM: 81.60 - LRM: 69.04] - PAINT CREEK (JEFFERSONVILLE TO E. FK. PAINT CREEK)	90	MB	0.1		4.8		7.6
Subbasin Totals:				15.9		19.1	9.9	
LOWER PAINT CREEK (N. FK. AND ROCKY FK.)								
OH43 1	[02-500 - URM: 8.12 - LRM: 0.00] - PAINT CREEK (N. FK. PAINT CREEK TO SCIOTO RIVER)	94	MB	5.6		2.5		0.0
OH43 2	[02-510 - URM: 11.95 - LRM: 0.00] - NORTH FORK PAINT CREEK (LITTLE CREEK TO PAINT CR.)	88	MB	1.1				10.8
OH43 8	[02-510 - URM: 24.57 - LRM: 11.95] - NORTH FORK PAINT CREEK (COMPTON CR. TO LITTLE CR.)	88	MB	12.6				
OH43 15	[02-522 - URM: 19.90 - LRM: 0.00] - COMPTON CREEK	88	MB	1.0				18.9
OH43 20	[02-500 - URM: 19.57 - LRM: 8.12] - PAINT CREEK (LOWER TWIN CR. TO N. FK. PAINT CR.)	94	MB	1.6				9.8
OH43 27	[02-500 - URM: 37.12 - LRM: 19.57] - PAINT CREEK (ROCKY FORK TO LOWER TWIN CREEK)	90	MB	8.7				8.8
OH43 38	[02-530 - URM: 9.03 - LRM: 0.00] - ROCKY FORK (ROCKY FORK LAKE TO PAINT CREEK)	88	EC	9.0				

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH43 49	[02-540 - URM: 11.90 - LRM: 0.00] - CLEAR CREEK	88	EB	5.7		2.7	3.5	
OH43 49.1	[02-588 - URM: 4.70 - LRM: 0.00] - COON CREEK	88	EC	0.5				4.2
OH43 49.2	[02-587 - URM: 4.77 - LRM: 0.00] - LITTLE ROCK CREEK	88	EC				0.5	4.2
OH43 49.3	[02-585 - URM: 2.64 - LRM: 0.00] - MOBERLY BRANCH CLEAR CREEK	88	MB	0.5				2.1
OH43 49.4	[02-589 - URM: 3.30 - LRM: 0.00] - TRIB. TO CLEAR CREEK (RM 8.47)	88	EC	0.5				2.8
OH43 49.5	[02-586 - URM: 3.30 - LRM: 0.00] - WEST FORK CLEAR CREEK	88	EB				0.5	2.8
OH43 50	[02-541 - URM: 2.10 - LRM: 0.00] - HUSSEY RUN	88	EC	0.5				1.6
OH43 51	[02-530 - URM: 27.50 - LRM: 16.88] - ROCKY FORK (HEADWATERS TO ROCKY FORK LAKE)	88	MB	1.9		3.1	3.1	2.5
Subbasin Totals:				49.2		8.3	7.6	
SALT CREEK								
OH44 1	[02-600 - URM: 4.50 - LRM: 0.00] - SALT CREEK (SALT LICK CREEK TO SCIOTO RIVER)	94	MB	4.1		0.4		
OH44 3	[02-610 - URM: 21.28 - LRM: 0.00] - SALT LICK CREEK (BUCKEYE CREEK TO SALT CREEK)	88	EB			1.5	18.6	1.1
OH44 4	[02-611 - URM: 4.37 - LRM: 0.00] - M. FK. SALT CREEK (PIGEON CR TO SALT LICK CR)	90	MB		0.5	0.5		3.3
OH44 5	[02-612 - URM: 14.00 - LRM: 0.00] - PIGEON CREEK (HEADWATERS TO MIDDLE FORK)	88	EB				4.2	9.8
OH44 8	[02-611 - URM: 23.77 - LRM: 4.37] - M. FK. SALT CREEK (HEADWATERS TO PIGEON CR.)	90	MB	6.9		10.2		2.3
OH44 16	[02-610 - URM: 28.58 - LRM: 21.28] - SALT LICK CREEK (HEADWATERS TO BUCKEYE CREEK)	88	EB				7.3	
OH44 17	[02-622 - URM: 7.70 - LRM: 0.00] - BUCKEYE CREEK	88	EB				7.7	
OH44 18	[02-623 - URM: 6.50 - LRM: 0.00] - FOURMILE CREEK	88	EB				6.5	
OH44 19	[02-600 - URM: 14.09 - LRM: 4.50] - SALT CREEK (PIKE RUN TO SALT LICK CREEK)	94	MB		8.4	1.1		
OH44 22	[02-603 - URM: 5.60 - LRM: 0.00] - POE RUN	94	MB	5.0				0.6
OH44 24	[02-600 - URM: 25.40 - LRM: 14.09] - SALT CREEK (QUEER CREEK TO PIKE RUN)	94	MB	3.5	3.5	4.3		
OH44 25	[02-606 - URM: 9.20 - LRM: 0.00] - PIKE RUN	94	MB	9.2				
OH44 27	[02-608 - URM: 6.80 - LRM: 0.00] - PRETTY RUN	94	MB	5.9				0.9
OH44 30	[02-625 - URM: 9.60 - LRM: 0.00] - QUEER CREEK	94	MB	9.0				0.6
OH44 32	[02-627 - URM: 6.50 - LRM: 0.00] - EAST FORK QUEER CREEK	94	MB	5.5				1.0
OH44 33	[02-600 - URM: 33.10 - LRM: 25.40] - SALT CREEK (LAUREL RUN TO QUEER CREEK)	94	MB		4.1	3.6		
OH44 35	[02-630 - URM: 11.80 - LRM: 0.00] - PINE CREEK	94	MB	11.8				
OH44 44	[02-640 - URM: 13.30 - LRM: 0.00] - LAUREL RUN	94	MB		1.6			11.7

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH44 47	[02-643 - URM: 6.20 - LRM: 0.00] - MIDDLE FORK LAUREL RUN	94	MB		6.2			
OH44 51	[02-600 - URM: 45.40 - LRM: 33.10] - SALT CREEK (HEADWATERS TO LAUREL CREEK)	94	MB	8.7				3.6
OH44 54.1	[- - URM: 0.00 - LRM: 0.00] -	94	MB	3.0				-3.0
OH44 55	[02-648 - URM: 4.30 - LRM: 0.00] - PLUM RUN	94	MB	4.3				
Subbasin Totals:				76.9	24.4	21.6	44.3	
SCIOTO RIVER (SUNFISH CR.,BEAVER CR.)								
OH45 1	[02-800 - URM: 8.46 - LRM: 0.00] - SUNFISH CREEK (CHENOWETH FORK TO SCIOTO RIVER)	88	MB	7.4			1.0	
OH45 3	[02-802 - URM: 9.50 - LRM: 0.00] - CHENOWETH FORK	92	MB	9.5				
OH45 4	[02-803 - URM: 2.50 - LRM: 0.00] - BULL RUN	92	MB	2.5				
OH45 10	[02-808 - URM: 1.90 - LRM: 0.00] - LEETH CREEK	92	MB	1.9				
OH45 11	[02-809 - URM: 7.80 - LRM: 0.00] - MORGAN FORK	92	MB	7.8				
OH45 12	[02-810 - URM: 3.70 - LRM: 0.00] - LEFT FORK MORGAN FORK	92	MB	3.7				
OH45 13	[02-811 - URM: 4.00 - LRM: 0.00] - RIGHT FORK MORGAN FORK	92	MB	4.0				
OH45 14	[02-800 - URM: 36.00 - LRM: 14.33] - SUNFISH CREEK (HEADWATERS TO MORGAN FORK)	96	MB	6.0				15.6
OH45 17	[02-814 - URM: 3.00 - LRM: 0.00] - GRASSY FORK	92	MB	3.0				
OH45 20	[02-022 - URM: 23.20 - LRM: 0.00] - BIG BEAVER CREEK	94	MB	2.2		3.8		17.2
OH45 21	[02-023 - URM: 5.90 - LRM: 0.00] - LITTLE BEAVER CREEK	96	MB	2.3		1.0	0.5	2.1
OH45 29	[02-001 - URM: 38.07 - LRM: 26.82] - SCIOTO RIVER (PEEPEE CREEK TO SUNFISH CREEK)	88	EB			11.2		
OH45 34	[02-035 - URM: 14.50 - LRM: 0.00] - PEEPEE CREEK	88	EB				0.5	14.0
OH45 44	[02-001 - URM: 51.18 - LRM: 38.07] - SCIOTO RIVER (SALT CREEK TO PEEPEE CREEK)	88	EB	1.9		11.2		
OH45 56	[02-001 - URM: 63.50 - LRM: 51.18] - SCIOTO RIVER (PAINT CREEK TO SALT CREEK)	94	MB		12.3			
OH45 57	[02-056 - URM: 21.30 - LRM: 0.00] - WALNUT CREEK	94	MB	1.1				20.2
Subbasin Totals:				53.3	12.3	27.2	2.0	
LOWER SCIOTO RIVER (AND SCIOTO BRUSH CREEK)								
OH46 1	[02-001 - URM: 9.20 - LRM: 0.00] - SCIOTO RIVER (SCIOTO BRUSH CREEK TO OHIO RIVER)	88	EB	4.6		3.4	1.2	
OH46 7	[02-700 - URM: 10.20 - LRM: 0.00] - SCIOTO BRUSH CREEK (MCCULLOUGH CREEK TO SCIOTO R.)	96	MB	10.2				
OH46 23	[02-710 - URM: 8.30 - LRM: 0.00] - S FK SCIOTO BRUSH (SHAWNEE CR. TO SCIOTO BRUSH CR)	88	MB		7.3	1.0		
OH46 36	[02-722 - URM: 3.00 - LRM: 0.00] - TURKEY RUN	88	EC				0.5	2.5

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat- ened	Partial		
OH46 41	[02-727 - URM: 2.50 - LRM: 0.00] - WINTERSTEIN RUN	92	MB	2.5				
OH46 42	[02-728 - URM: 5.00 - LRM: 0.00] - MILL CREEK	88	EC				0.5	4.5
OH46 51	[02-737 - URM: 3.70 - LRM: 0.00] - BLUE CREEK	88	EC	0.5				3.2
OH46 63	[02-700 - URM: 24.03 - LRM: 16.98] - SCIOTO BRUSH CREEK (RARDEN CREEK TO SOUTH FORK)	92	MB		7.0			
OH46 81	[02-700 - URM: 37.90 - LRM: 24.03] - SCIOTO BRUSH CREEK (HEADWATERS TO RARDEN CREEK)	92	MB	13.8				
OH46 84	[02-001 - URM: 26.82 - LRM: 9.20] - SCIOTO RIVER (SUNFISH CREEK TO SCIOTO BRUSH CREEK)	88	EB			17.6		
OH46 84.1	[02-247 - URM: 3.15 - LRM: 0.00] - WEST DITCH (PIKETON D.O.E.)	96	MB			1.0		2.1
OH46 90	[02-012 - URM: 5.50 - LRM: 0.00] - BIG RUN	96	MB	1.0			0.5	4.0
OH46 93	[02-015 - URM: 10.50 - LRM: 0.00] - CAMP CREEK	92	MB	10.5				
OH46 95	[02-017 - URM: 3.80 - LRM: 0.00] - LEFT FORK	92	MB	3.8				
		Subbasin Totals:		46.9	14.3	23.0	2.7	
SW TRIBS (EAGLE CREEK AND STRAIGHT CREEK)								
OH47 27	[10-100 - URM: 14.56 - LRM: 0.00] - EAGLE CREEK(E/N FORK EAGLE CREEK TO OHIO RIVER)	88	MB			7.1	7.4	
OH47 74	[10-067 - URM: 5.00 - LRM: 0.00] - STOUT RUN	92	EB	3.0				2.0
OH47 82	[10-075 - URM: 3.30 - LRM: 0.00] - LONG LICK RUN	92	MB	3.3				
OH47 92	[10-085 - URM: 8.80 - LRM: 0.00] - UPPER TWIN CREEK	88	EC	8.8				
OH47115	[10-508 - URM: 13.40 - LRM: 0.00] - TURKEY CREEK	88	EB			13.4		
OH47131	[10-524 - URM: 3.90 - LRM: 0.00] - MACKLETREE RUN	92	MB	1.0				2.9
		Subbasin Totals:		16.1		20.5	7.4	
OHIO BRUSH CREEK								
OH48 1	[10-200 - URM: 14.10 - LRM: 0.00] - OHIO BRUSH CREEK (SEMPLE CREEK TO OHIO RIVER)	88	MB			8.4	5.7	
OH48 6	[10-205 - URM: 6.80 - LRM: 0.00] - BEASLEY FORK	88	EB		1.8		5.0	
OH48 11	[10-200 - URM: 28.70 - LRM: 14.10] - OHIO BRUSH CREEK (WEST FORK TO SEMPLE CREEK)	92	MB	14.6				
OH48 13	[10-211 - URM: 7.60 - LRM: 0.00] - LICK CREEK	88	EB	2.8			4.8	
OH48 13.1	[10-249 - URM: 2.10 - LRM: 0.00] - TRIB. TO LICK CREEK (RM 6.6)	88	EC					2.1
OH48 14	[10-212 - URM: 4.20 - LRM: 0.00] - TREBER RUN	88	MB	4.2				
OH48 15	[10-213 - URM: 3.00 - LRM: 0.00] - CAVE RUN	88	MB	3.0				
OH48 16	[10-215 - URM: 4.00 - LRM: 0.00] - LOUISE TRIBUTARY	88	EB				4.0	

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH48 18	[10-220 - URM: 9.00 - LRM: 0.00] - WEST FORK (BUCK RUN TO OHIO BRUSH CREEK)	88	EB	2.9		1.1	5.0	
OH48 18.1	[10-250 - URM: 1.92 - LRM: 0.00] - TRIB. TO W. FK. OHIO BRUSH CR. (SEAMAN)	88	EC				0.5	1.4
OH48 19	[10-221 - URM: 3.10 - LRM: 0.00] - SPOON RIVER	88	EC	3.1				
OH48 20	[10-222 - URM: 7.10 - LRM: 0.00] - GEORGES CREEK	88	EC					7.1
OH48 22	[10-224 - URM: 10.30 - LRM: 0.00] - CHERRY FORK	88	EB			10.3		
OH48 26	[10-220 - URM: 30.50 - LRM: 9.00] - WEST FORK OHIO BRUSH CR. (HEADWATERS TO BUCK RUN)	88	MB	21.5				
OH48 28	[10-229 - URM: 10.20 - LRM: 0.00] - LITTLE WEST FORK	92	MB	6.0				4.2
OH48 29	[10-230 - URM: 4.50 - LRM: 0.00] - ELK FORK	88	EB				4.5	
OH48 31	[10-200 - URM: 41.20 - LRM: 28.70] - OHIO BRUSH CREEK (BAKER FORK TO WEST FORK)	96	MB		12.5			
OH48 32	[10-248 - URM: 4.50 - LRM: 0.00] - SHIMER RUN	88	EB	0.5			0.5	3.5
OH48 33	[10-216 - URM: 4.80 - LRM: 0.00] - LITTLE EAST FORK	88	MB	4.8				
OH48 37	[10-240 - URM: 17.10 - LRM: 0.00] - BAKER FORK	96	MB		3.0			14.1
OH48 38	[10-241 - URM: 7.00 - LRM: 0.00] - MIDDLE FORK	96	MB	4.0	3.0			
OH48 42	[10-245 - URM: 3.60 - LRM: 0.00] - STRAIGHT CREEK	92	MB	1.0				2.6
OH48 44	[10-200 - URM: 57.10 - LRM: 41.18] - OHIO BRUSH CREEK (HEADWATERS TO BAKER FORK)	88	MB			5.9		10.0
OH48 47	[10-234 - URM: 3.40 - LRM: 0.00] - ELK RUN	92	MB	1.0				2.4
OH48 48	[10-233 - URM: 5.70 - LRM: 0.00] - ELM RUN	92	MB	1.0				4.7
SW TRIBS (WHITEOAK CR., INDIAN CR., BEAR CR.)		Subbasin Totals:		70.4	20.3	25.7	30.0	
OH49 2.1	[10-536 - URM: 1.60 - LRM: 0.00] - EAST BRANCH FIVEMILE CREEK	92	MB				1.0	0.6
OH49 4	[10-003 - URM: 6.00 - LRM: 0.00] - TENMILE CREEK	88	EC	6.0				
OH49 7	[10-005 - URM: 1.50 - LRM: 0.00] - POND RUN	92	MB	1.5				
OH49 27	[10-023 - URM: 8.90 - LRM: 0.00] - BEAR CREEK	88	EB				2.5	6.4
OH49 31	[10-027 - URM: 13.10 - LRM: 0.00] - BULLSKIN CREEK	88	EC	13.1				
OH49 42	[10-400 - URM: 20.75 - LRM: 0.00] - WHITEOAK CREEK (STERLING RUN TO OHIO RIVER)	88	MB	10.5			5.5	4.7
OH49 60	[10-420 - URM: 20.80 - LRM: 0.00] - EAST FORK WHITEOAK CREEK	88	MB	20.8				
OH49 69	[10-430 - URM: 21.00 - LRM: 0.00] - NORTH FORK WHITEOAK CREEK	88	MB				21.0	
		Subbasin Totals:		51.9			30.0	

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat-ened	Partial	Not Support.	
UPPER LITTLE MIAMI RIVER								
OH50 1	[11-001 - URM: 63.70 - LRM: 50.90] - LITTLE MIAMI RIVER (GLADY RUN TO CAESAR CREEK)	96	MB		0.3	12.5		
OH50 2	[11-030 - URM: 4.00 - LRM: 0.00] - NEWMAN RUN	96	MB			0.3		3.7
OH50 3	[11-031 - URM: 5.80 - LRM: 0.00] - MILL RUN	88	MB	1.0				4.8
OH50 4	[11-001 - URM: 72.70 - LRM: 63.70] - LITTLE MIAMI RIVER (BEAVER CREEK TO GLADY RUN)	96	MB		6.5	2.5		
OH50 5	[11-032 - URM: 6.30 - LRM: 0.00] - GLADY RUN	96	MB			0.5	4.4	1.4
OH50 5.1	[11-050 - URM: 0.60 - LRM: 0.00] - GLADY RUN SWALE	96	MB	0.1		0.1		0.4
OH50 8	[11-035 - URM: 8.40 - LRM: 0.00] - BEAVER CREEK	96	MB			1.6		6.8
OH50 9	[11-036 - URM: 9.00 - LRM: 0.00] - LITTLE BEAVER CREEK	96	MB			0.1	4.6	4.3
OH50 10	[11-001 - URM: 79.50 - LRM: 72.70] - LITTLE MIAMI RIVER (MASSIES CREEK TO BEAVER CREEK)	96	MB		6.8			
OH50 10.1	[11-045 - URM: 8.69 - LRM: 0.00] - SHAWNEE CREEK	88	EB	0.7			2.0	5.9
OH50 11	[11-037 - URM: 5.35 - LRM: 0.00] - LUDLOW CREEK	88	EC	0.5				4.8
OH50 12	[11-400 - URM: 9.95 - LRM: 0.00] - MASSIES CREEK	96	MB	0.3				9.6
OH50 13	[11-401 - URM: 6.00 - LRM: 0.00] - OLDTOWN CREEK	96	MB	0.4				5.6
OH50 16	[11-404 - URM: 9.60 - LRM: 0.00] - SOUTH FORK MASSIES CREEK	96	MB		0.5	1.0		8.1
OH50 17	[11-001 - URM: 91.60 - LRM: 79.50] - LITTLE MIAMI RIVER (NORTH FORK TO MASSIES CREEK)	96	MB		5.9	6.2		
OH50 20	[11-040 - URM: 2.50 - LRM: 0.00] - YELLOW SPRINGS CREEK	96	MB	0.5				2.0
OH50 21	[11-041 - URM: 13.20 - LRM: 0.00] - NORTH FORK LITTLE MIAMI RIVER	92	MB	7.0			1.0	5.2
OH50 23	[11-001 - URM: 105.50 - LRM: 91.60] - LITTLE MIAMI RIVER (HEADWATERS TO NORTH FORK)	96	MB			10.5		3.4
OH50 24	[11-043 - URM: 6.00 - LRM: 0.00] - LISBON FORK	88	EB				0.5	5.5
OH50 25	[11-044 - URM: 7.15 - LRM: 0.00] - GILROY DITCH	88	EB	5.0		0.6	1.5	
		Subbasin Totals:		15.5	20.0	35.9	14.0	
CAESAR CREEK								
OH51 1	[11-300 - URM: 13.92 - LRM: 0.00] - CAESAR CREEK (CAESAR CREEK LAKE TO LITTLE MIAMI R)	96	MB			0.1		13.8
OH51 2	[11-301 - URM: 3.70 - LRM: 0.00] - FLAT FORK	96	MB				1.7	2.0
OH51 2.1	[11-314 - URM: 5.47 - LRM: 0.00] - GUM RUN	88	EC	0.5				4.9
OH51 2.2	[11-313 - URM: 2.11 - LRM: 0.00] - HARLANS RUN	88	EC	0.5				1.6
OH51 5	[11-304 - URM: 3.40 - LRM: 0.00] - TURKEY RUN	88	EC	0.5				2.9

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH51 6	[11-305 - URM: 4.70 - LRM: 0.00] - BUCK RUN	88	EC	0.5				4.2
OH51 7	[11-306 - URM: 11.02 - LRM: 0.00] - ANDERSON FORK (GROG RUN TO CAESAR CREEK LAKE)	96	MB			0.5		10.5
OH51 9	[11-306 - URM: 18.32 - LRM: 11.02] - ANDERSON FORK (HEADWATERS TO GROG RUN)	92	MB	7.3				
OH51 13	[11-300 - URM: 23.78 - LRM: 13.92] - CAESAR CREEK (S. BR. CAESAR CR. TO CAESAR CR LAKE)	96	MB	2.6				7.2
Subbasin Totals:				11.9		0.6	1.7	
TODD FORK								
OH52 1	[11-201 - URM: 7.00 - LRM: 0.00] - FIRST CREEK	88	EC	0.5				6.5
OH52 3	[11-200 - URM: 14.07 - LRM: 0.00] - TODD FORK (LITTLE EAST FORK TO LITTLE MIAMI RIVER)	88	EC				0.5	13.5
OH52 4	[11-203 - URM: 13.50 - LRM: 0.00] - SECOND CREEK	88	EB				7.6	5.9
OH52 5	[11-204 - URM: 4.90 - LRM: 0.00] - LICK RUN	88	EC	0.5				4.4
OH52 8	[11-200 - URM: 22.10 - LRM: 14.07] - TODD FORK (DUTCH CREEK TO LITTLE EAST FORK)	88	EB			3.1		4.9
OH52 8.1	[11-217 - URM: 2.15 - LRM: 0.00] - EAST FORK TODD FORK	88	EC	0.5				1.6
OH52 11	[11-209 - URM: 22.40 - LRM: 0.00] - COWAN CREEK	88	EC	0.5				21.9
OH52 12	[11-210 - URM: 3.60 - LRM: 0.00] - WILSON CREEK	88	EC				0.5	3.1
OH52 14	[11-212 - URM: 11.25 - LRM: 0.00] - LYTLE CREEK	88	EB	3.4		1.1	6.7	
OH52 15	[11-213 - URM: 2.80 - LRM: 0.00] - LITTLE CREEK	88	EC	0.5				2.3
OH52 17	[11-200 - URM: 35.00 - LRM: 22.10] - TODD FORK (HEADWATERS TO DUTCH CREEK)	88	EC				0.5	12.4
OH52 18	[11-215 - URM: 5.50 - LRM: 0.00] - DUTCH CREEK	88	EC				0.5	5.0
Subbasin Totals:				5.9		4.2	16.3	
EAST FORK LITTLE MIAMI RIVER								
OH53 1	[11-100 - URM: 8.80 - LRM: 0.00] - E. FK. LITTLE MIAMI R. (STONELICK CR. TO L. MIAMI)	96	MB		5.2	2.2		1.4
OH53 1.1	[11-159 - URM: 2.82 - LRM: 0.00] - TRIB. TO E. FK. L. MIAMI RIVER (RM 4.8)	88	EC	0.5				2.3
OH53 2	[11-101 - URM: 5.70 - LRM: 0.00] - HALL RUN	96	MB		1.0		4.7	
OH53 5	[11-104 - URM: 3.80 - LRM: 0.00] - SUGARCAMP RUN	88	EC	0.5				3.3
OH53 6	[11-105 - URM: 7.80 - LRM: 0.00] - SHAYLER RUN	92	MB		5.0	2.2	0.6	
OH53 6.1	[11-161 - URM: 3.95 - LRM: 0.00] - TRIB. TO SHAYLER RUN	92	MB		3.9			
OH53 8	[11-107 - URM: 22.90 - LRM: 0.00] - STONELICK CREEK	96	MB	3.1		3.3		16.5
OH53 16	[11-100 - URM: 20.50 - LRM: 8.80] - E. FK. LITTLE MIAMI (EAST FK LAKE TO STONELICK CR)	96	MB		6.7			5.0

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH53 20	[11-100 - URM: 33.90 - LRM: 20.50] - E. FK. LITTLE MIAMI R. (EAST FORK LAKE)	88	EB			4.9	8.5	
OH53 36	[11-100 - URM: 45.18 - LRM: 33.90] - E. FK. LITTLE MIAMI R. (HOWARD RUN TO TODD RUN)	88	EB	8.2			3.0	
OH53 42	[11-138 - URM: 3.50 - LRM: 0.00] - FIVEMILE CREEK	88	EB	0.5				3.0
OH53 45	[11-100 - URM: 56.50 - LRM: 45.18] - E. FK. LITTLE MIAMI R. (SOLOMON RUN TO HOWARD RUN)	88	EB				11.3	
OH53 48	[11-143 - URM: 3.10 - LRM: 0.00] - GLADY RUN	88	EC	0.5				2.6
OH53 52	[11-100 - URM: 70.89 - LRM: 56.50] - E. FK. LITTLE MIAMI R. (DODSON CR. TO SOLOMON RUN)	88	EB				14.3	
OH53 53	[11-147 - URM: 4.60 - LRM: 0.00] - SOLOMON RUN	88	EB	1.8			2.1	0.7
OH53 56	[11-150 - URM: 9.00 - LRM: 0.00] - WEST FORK E. FK. LITTLE MIAMI RIVER	88	MB	3.5				5.5
OH53 57	[11-151 - URM: 11.50 - LRM: 0.00] - DODSON CREEK	88	EB			0.5		11.0
OH53 60	[11-100 - URM: 85.58 - LRM: 70.89] - E. FK. LITTLE MIAMI R. (HEADWATERS TO DODSON CR.)	88	EB	6.2		1.9	6.5	
OH53 60.1	[11-155 - URM: 2.40 - LRM: 0.00] - TRIB. TO E. FK. L. MIAMI RIVER (RM 75.5)	88	EC	0.5				1.9
OH53 60.2	[11-156 - URM: 4.68 - LRM: 0.00] - TRIB. TO E. FK. L. MIAMI RIVER (RM 78.4)	88	EC	0.5				4.1
OH53 60.3	[11-157 - URM: 3.25 - LRM: 0.00] - TRIB. TO E. FK. L. MIAMI RIVER (RM 82.3)	88	EC	0.5				2.7
OH53 60.4	[11-158 - URM: 1.13 - LRM: 0.00] - TRIB. TO E. FK. L. MIAMI RIVER (RM 83.9)	88	EC	0.5				0.6
Subbasin Totals:				26.8	21.8	15.0	51.1	
LOWER LITTLE MIAMI RIVER								
OH54 1	[11-001 - URM: 11.50 - LRM: 0.00] - LITTLE MIAMI RIVER (E. FK. L. MIAMI R. TO OHIO R.)	96	MB			8.5	3.0	
OH54 2	[11-002 - URM: 5.70 - LRM: 0.00] - CLOUGH CREEK	92	MB				3.5	2.2
OH54 4	[11-004 - URM: 8.20 - LRM: 0.00] - DUCK CREEK	96	MB	1.5			2.4	4.3
OH54 4.1	[11-051 - URM: 2.85 - LRM: 0.00] - EAST FORK DUCK CREEK	96	MB	4.0				-1.1
OH54 5	[11-005 - URM: 6.00 - LRM: 0.00] - DRY RUN	92	MB				6.0	
OH54 7	[11-001 - URM: 24.00 - LRM: 11.50] - LITTLE MIAMI R. (O'BANNON CR. TO E. FK. L. MIAMI)	96	MB		2.2	10.3		
OH54 9	[11-007 - URM: 4.50 - LRM: 0.00] - SYCAMORE CREEK	96	MB		4.0	0.3	0.2	
OH54 9.1	[11-049 - URM: 3.15 - LRM: 0.00] - TRIB. TO SYCAMORE CREEK	92	MB				3.1	
OH54 11	[11-009 - URM: 5.50 - LRM: 0.00] - POLK RUN	92	MB	0.5				5.0
OH54 11.1	[11-048 - URM: 4.33 - LRM: 0.00] - EAST BRANCH POLK RUN	92	MB				2.0	2.3
OH54 12	[11-010 - URM: 12.00 - LRM: 0.00] - O'BANNON CREEK	92	MB	0.1	2.6			9.3
OH54 16	[11-001 - URM: 33.20 - LRM: 24.00] - LITTLE MIAMI RIVER (TURTLE CR. TO O'BANNON CR.)	96	MB		8.2	1.0		

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH54 20	[11-017 - URM: 4.00 - LRM: 0.00] - SIMPSON CREEK	88	EC			0.7		3.3
OH54 23	[11-020 - URM: 8.90 - LRM: 0.00] - MUDDY CREEK	96	MB		2.5			6.4
OH54 24	[11-021 - URM: 12.00 - LRM: 0.00] - TURTLE CREEK	96	MB	5.9		0.4		5.7
OH54 25	[11-022 - URM: 4.00 - LRM: 0.00] - DRY RUN	96	MB				0.5	3.5
OH54 27	[11-001 - URM: 38.50 - LRM: 33.20] - LITTLE MIAMI RIVER (TODD FORK TO TURTLE CREEK)	96	MB		5.3			
OH54 30	[11-001 - URM: 50.90 - LRM: 38.50] - LITTLE MIAMI RIVER (CAESAR CREEK TO TODD FORK)	96	MB		5.7	6.7		
Subbasin Totals:				12.0	30.5	27.9	20.7	
UPPER GREAT MIAMI RIVER								
OH55 2	[14-001 - URM: 140.10 - LRM: 132.10] - GREAT MIAMI RIVER (INDIAN CREEK TO PLUM CREEK)	96	MB	8.0				
OH55 11	[14-001 - URM: 145.98 - LRM: 140.10] - GREAT MIAMI RIVER (BOKENGEHALAS CR. TO INDIAN CR.)	96	MB	2.9		3.0		-0.0
OH55 15	[14-072 - URM: 6.80 - LRM: 0.00] - STONY CREEK (HEADWATERS TO LEE/GRAVE CREEK)	96	MB	1.0				5.8
OH55 16	[14-075 - URM: 10.20 - LRM: 0.00] - MCKEE CREEK	96	MB	10.2				
OH55 17	[14-076 - URM: 15.40 - LRM: 0.00] - BOKENGEHALAS CREEK	96	MB	5.4		3.0		7.0
OH55 18	[14-077 - URM: 7.80 - LRM: 0.00] - BLUEJACKET CREEK	96	MB	1.0		4.8	2.0	
OH55 19	[14-085 - URM: 1.52 - LRM: 0.00] - OPOSSUM RUN	96	MB			0.5	1.0	
OH55 20	[14-001 - URM: 154.44 - LRM: 145.98] - GREAT MIAMI R. (MUCHINIPPI CR. TO BOKENGEHALAS CR.)	96	MB	5.0		3.4		
OH55 27	[14-700 - URM: 13.70 - LRM: 0.00] - MUCHINIPPI CREEK	96	MB	9.0			4.6	
OH55 29.1	[- - URM: 0.00 - LRM: 0.00] -	96	MB	2.0				-2.0
OH55 33	[14-706 - URM: 6.50 - LRM: 0.00] - WILLOW CREEK	96	MB	3.5				3.0
OH55 34	[14-001 - URM: 159.44 - LRM: 154.44] - GREAT MIAMI R. (CHER. MANS RUN TO MUCHINIPPI CR.)	96	MB	1.4		3.5		
OH55 34.1	[14-092 - URM: 1.62 - LRM: 0.00] - TRIB. TO GREAT MIAMI R. (RM 157.3)	88	EC	0.5				1.1
OH55 35	[14-084 - URM: 10.80 - LRM: 0.00] - CHEROKEE MANS RUN	96	MB	4.0				6.8
OH55 36	[14-800 - URM: 10.20 - LRM: 0.00] - SOUTH FORK GREAT MIAMI RIVER	96	MB	10.2				
OH55 36.1	[14-805 - URM: 5.70 - LRM: 0.00] - BELLE CENTER TRIBUTARY	90	MB				0.6	5.1
OH55 37	[14-806 - URM: 6.80 - LRM: 0.00] - NEW RICHLAND TRIBUTARY	96	MB	6.8				
OH55 38	[14-801 - URM: 3.70 - LRM: 0.00] - SLOW DITCH (LIGGITT DITCH)	88	EB				0.5	3.2
OH55 41	[14-804 - URM: 3.62 - LRM: 0.00] - VAN HORN CREEK	96	MB			3.6		
OH55 42	[14-803 - URM: 3.40 - LRM: 0.00] - BLACKHAWK RUN	96	MB	3.4				

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH55 43	[14-802 - URM: 14.95 - LRM: 0.00] - NORTH FORK GREAT MIAMI RIVER	96	MB			14.9		
GREAT MIAMI RIVER AND LORAMIE CREEK		Subbasin Totals:		74.4		36.9	8.7	
OH56 1	[14-001 - URM: 100.00 - LRM: 82.60] - GREAT MIAMI RIVER (LOST CREEK TO STILLWATER RIVER)	96	MB	13.3		1.7		2.4
OH56 1,1	[14-093 - URM: 3.26 - LRM: 0.00] - TRIB. TO GREAT MIAMI RIVER (96.4)	88	EC				2.0	1.2
OH56 3	[14-043 - URM: 18.60 - LRM: 0.00] - HONEY CREEK	96	MB	10.5		4.9		3.2
OH56 6	[14-046 - URM: 13.25 - LRM: 0.00] - WEST FORK HONEY CREEK	88	EC	0.5				12.7
OH56 8	[14-048 - URM: 17.40 - LRM: 0.00] - LOST CREEK	96	MB			10.0		7.4
OH56 8,1	[14-091 - URM: 2.40 - LRM: 0.00] - GUSTIN DITCH	88	EC				0.5	1.9
OH56 10	[14-001 - URM: 109.28 - LRM: 100.00] - GREAT MIAMI RIVER (SPRING CREEK TO LOST CREEK)	96	MB	9.2				
OH56 10,1	[14-097 - URM: 6.34 - LRM: 0.00] - TRIB. TO GREAT MIAMI RIVER (103.88)	88	EC	0.5				5.8
OH56 10,2	[14-096 - URM: 5.68 - LRM: 0.00] - PETERS CREEK	90	MB	2.0				3.6
OH56 10,3	[14-095 - URM: 0.55 - LRM: 0.00] - B.F. GOODRICH TRIB	90	MB				1.0	-0.4
OH56 11	[14-050 - URM: 12.40 - LRM: 0.00] - SPRING CREEK	96	MB				1.4	11.0
OH56 12	[14-001 - URM: 119.89 - LRM: 109.28] - GREAT MIAMI RIVER (LORAMIE CREEK TO SPRING CREEK)	96	MB	9.9		0.7		0.0
OH56 20	[14-600 - URM: 4.09 - LRM: 0.00] - LORAMIE CREEK (TURTLE CREEK TO GREAT MIAMI RIVER)	96	MB	4.1				-0.0
OH56 26	[14-600 - URM: 19.46 - LRM: 4.10] - LORAMIE CREEK (MILE CREEK TO TURTLE CREEK)	96	MB			3.4	12.0	0.0
OH56 27	[14-606 - URM: 6.60 - LRM: 0.00] - NINEMILE CREEK	88	MB	0.5				6.1
OH56 32	[14-600 - URM: 37.24 - LRM: 19.47] - LORAMIE CREEK (HEADWATERS TO MILE CREEK)	96	MB				17.1	0.6
OH56 32,1	[- - URM: 0.00 - LRM: 0.00] -	88	EC				4.5	-4.5
OH56 32,3	[14-616 - URM: 2.95 - LRM: 0.00] - WHITE FEATHER CREEK	96	MB				2.9	
OH56 36	[14-001 - URM: 132.10 - LRM: 119.89] - GREAT MIAMI RIVER (PLUM CREEK TO LORAMIE CREEK)	96	MB	6.0		6.2		
OH56 37	[14-058 - URM: 5.30 - LRM: 0.00] - MILL BRANCH	88	EC	0.5				4.8
OH56 38	[14-059 - URM: 3.40 - LRM: 0.00] - BRUSH CREEK	88	EC	0.5				2.9
OH56 39	[14-060 - URM: 15.70 - LRM: 0.00] - TAWAWA CREEK	88	EB				3.7	12.0
		Subbasin Totals:		57.5		26.9	45.1	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat-ened	Partial	Not Support.	
STILLWATER RIVER								
OH57 1	[14-200 - URM: 14.20 - LRM: 0.00] - STILLWATER RIVER (BRUSH CREEK TO GREAT MIAMI R.)	92	MB	3.6		10.6		
OH57 1.1	[14-242 - URM: 0.45 - LRM: 0.00] - TRIB. TO STILLWATER RIVER (RM 11.7)	88	EC				0.5	-0.0
OH57 3	[14-202 - URM: 5.70 - LRM: 0.00] - MILL CREEK	96	MB		0.6		3.8	1.3
OH57 4	[14-203 - URM: 6.00 - LRM: 0.00] - BRUSH CREEK	88	MB	0.7				5.3
OH57 5	[14-200 - URM: 21.00 - LRM: 14.20] - STILLWATER RIVER (LUDLOW CREEK TO BRUSH CREEK)	96	MB	6.8				
OH57 7	[14-210 - URM: 13.50 - LRM: 0.00] - LUDLOW CREEK	88	EB	0.3		12.8	0.4	
OH57 8	[14-211 - URM: 8.00 - LRM: 0.00] - BRUSH CREEK	88	EB			0.5	3.1	4.4
OH57 14	[14-200 - URM: 32.40 - LRM: 21.00] - STILLWATER RIVER (GREENVILLE CR. TO LUDLOW CR.)	92	MB	8.6		2.8		
OH57 18	[14-208 - URM: 19.75 - LRM: 0.00] - PAINTER CREEK	92	MB	11.9		0.2	7.6	
OH57 18.1	[14-241 - URM: 1.42 - LRM: 0.00] - SYCAMORE DITCH	88	EB				1.0	0.4
OH57 21	[14-220 - URM: 15.20 - LRM: 0.00] - GREENVILLE CREEK (DIVIDING BR. TO STILLWATER R.)	92	MB		0.3	7.3	7.6	
OH57 26	[14-220 - URM: 24.30 - LRM: 15.20] - GREENVILLE CREEK (WEST BR. TO DIVIDING BR.)	92	MB			9.1		
OH57 28	[14-226 - URM: 8.00 - LRM: 0.00] - MUD CREEK	92	MB	7.8		0.2		
OH57 29	[14-227 - URM: 2.00 - LRM: 0.00] - PRAIRIE OUTLET	92	MB			1.0		1.0
OH57 32	[14-220 - URM: 40.50 - LRM: 24.30] - GREENVILLE CREEK (HEADWATERS TO WEST BRANCH)	92	MB	6.5		4.7		5.0
OH57 35	[14-232 - URM: 9.50 - LRM: 0.00] - DISMAL CREEK	88	EB	0.7				8.8
OH57 37	[14-200 - URM: 45.88 - LRM: 32.40] - STILLWATER RIVER (SWAMP CREEK TO GREENVILLE CREEK)	92	MB	5.5		8.0		
OH57 38	[14-218 - URM: 9.10 - LRM: 0.00] - HARRIS CREEK	88	EB	1.5			3.8	3.8
OH57 39	[14-219 - URM: 4.60 - LRM: 0.00] - BALLINGER RUN	88	EB				2.0	2.6
OH57 41	[14-235 - URM: 13.80 - LRM: 0.00] - SWAMP CREEK	92	MB	7.3		1.6	4.9	
OH57 42	[14-236 - URM: 5.20 - LRM: 0.00] - INDIAN CREEK	92	MB			1.0		4.2
OH57 43	[14-200 - URM: 57.97 - LRM: 45.88] - STILLWATER RIVER (NORTH FORK TO SWAMP CREEK)	92	MB	7.0				5.0
OH57 45	[14-200 - URM: 67.64 - LRM: 57.97] - STILLWATER RIVER (HEADWATERS TO NORTH FORK)	92	MB			9.6		
OH57 46	[14-238 - URM: 7.70 - LRM: 0.00] - NORTH FORK STILLWATER RIVER	92	MB	1.0				6.7
		Subbasin Totals:		69.2	0.9	69.4	34.7	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat- ened	Partial		
MAD RIVER								
OH58 1	[14-100 - URM: 10.07 - LRM: 0.00] - MAD RIVER (MUD RUN TO GREAT MIAMI RIVER)	96	MB	7.5		2.5		
OH58 1.1	[14-147 - URM: 10.70 - LRM: 0.00] - HEBBLE CREEK	94	MB	5.0				5.7
OH58 4	[14-100 - URM: 18.38 - LRM: 10.07] - MAD RIVER (DONNELLS CREEK TO MUD RUN)	96	MB	8.3				
OH58 7	[14-141 - URM: 1.70 - LRM: 0.00] - MEDWAY CREEK	96	MB			1.7		
OH58 9	[14-106 - URM: 11.60 - LRM: 0.00] - DONNELLS CREEK	96	MB	6.0			5.6	
OH58 11	[14-100 - URM: 26.15 - LRM: 18.38] - MAD RIVER (BUCK CREEK TO DONNELLS CREEK)	96	MB			7.7		
OH58 15	[14-110 - URM: 6.00 - LRM: 0.00] - BUCK CREEK (BEAVER CREEK TO MAD RIVER)	96	MB	4.8		1.2		
OH58 16	[14-111 - URM: 14.50 - LRM: 0.00] - BEAVER CREEK	96	MB	14.5				
OH58 18	[14-110 - URM: 12.81 - LRM: 6.00] - BUCK CREEK (EAST FORK BUCK CREEK TO BEAVER CREEK)	96	MB	6.8				
OH58 19	[14-113 - URM: 6.40 - LRM: 0.00] - EAST FORK BUCK CREEK	88	EC	0.5				5.9
OH58 20	[14-110 - URM: 24.32 - LRM: 12.81] - BUCK CREEK (HEADWATERS TO EAST FORK BUCK CREEK)	88	EC	0.5				11.0
OH58 20.1	[14-145 - URM: 7.75 - LRM: 0.00] - DUGAN DITCH	88	EC	0.5				7.2
OH58 21	[14-100 - URM: 32.58 - LRM: 26.15] - MAD RIVER (CHAPMAN CREEK TO BUCK CREEK)	96	MB			2.5	3.9	
OH58 24	[14-117 - URM: 8.10 - LRM: 0.00] - MOORE RUN	96	MB				8.1	
OH58 24.1	[14-143 - URM: 4.01 - LRM: 0.00] - KENTON CREEK	88	EB				5.0	-0.9
OH58 25	[14-120 - URM: 10.00 - LRM: 0.00] - CHAPMAN CREEK	96	MB	7.5		2.4		
OH58 29	[14-100 - URM: 37.18 - LRM: 32.58] - MAD RIVER (NETTLE CREEK TO CHAPMAN CREEK)	96	MB			4.6		
OH58 30	[14-119 - URM: 4.80 - LRM: 0.00] - STORMS CREEK	96	MB	1.0				3.8
OH58 31	[14-118 - URM: 4.00 - LRM: 0.00] - CEDAR RUN	96	MB	4.0				
OH58 31.1	[14-158 - URM: 0.73 - LRM: 0.00] - EAST BRANCH CEDAR RUN	96	MB	0.7				0.0
OH58 31.2	[14-167 - URM: 6.80 - LRM: 0.00] - WEST BRANCH CEDAR RUN	96	MB	6.8				
OH58 36	[14-130 - URM: 11.50 - LRM: 0.00] - NETTLE CREEK	96	MB	7.5		4.0		
OH58 37	[14-131 - URM: 8.60 - LRM: 0.00] - ANDERSON CREEK	96	MB				2.0	6.6
OH58 42	[14-140 - URM: 3.49 - LRM: 0.00] - ST. PARIS TRIBUTARY	88	EB				2.6	0.8
OH58 43	[14-100 - URM: 43.82 - LRM: 37.18] - MAD RIVER (KINGS CREEK TO NETTLE CREEK)	96	MB			6.6		
OH58 44	[14-128 - URM: 11.50 - LRM: 0.00] - DUGAN RUN	88	EC	0.5				11.0

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH58 45	[14-129 - URM: 9.00 - LRM: 0.00] - MUDDY CREEK	88	EC	3.1				5.9
OH58 47	[14-136 - URM: 9.00 - LRM: 0.00] - KINGS CREEK	96	MB	4.0		5.0		
OH58 47.1	[14-170 - URM: 6.82 - LRM: 0.00] - TRIB. TO KINGS CREEK (RM 0.46)	96	MB				0.5	6.3
OH58 48	[14-100 - URM: 51.75 - LRM: 43.82] - MAD RIVER (MACOCHEE CREEK TO KINGS CREEK)	96	MB			1.3	6.5	
OH58 48.1	[14-144 - URM: 2.29 - LRM: 0.00] - WEST LIBERTY WWTP TRIB.	88	EB	3.0				-0.7
OH58 49	[14-137 - URM: 7.70 - LRM: 0.00] - GLADY CREEK	96	MB				2.0	5.7
OH58 50	[14-138 - URM: 3.50 - LRM: 0.00] - MACOCHEE DITCH	88	EC	3.5				
OH58 51	[14-100 - URM: 65.92 - LRM: 51.75] - MAD RIVER (HEADWATERS TO MACOCHEE CREEK)	96	MB	10.2		0.4	3.5	
OH58 52	[14-139 - URM: 8.20 - LRM: 0.00] - MACOCHEE CREEK	96	MB	8.2				
Subbasin Totals:				114.5		40.1	39.8	
TWIN CREEK								
OH59 1	[14-500 - URM: 6.70 - LRM: 0.00] - TWIN CREEK (LITTLE TWIN CREEK TO GREAT MIAMI R.)	90	MB	6.7				
OH59 2	[14-501 - URM: 7.80 - LRM: 0.00] - LITTLE TWIN CREEK	88	EB	2.3		4.7		0.8
OH59 2.1	[14-516 - URM: 4.66 - LRM: 0.00] - REIGLE DITCH	88	EB			1.6	0.4	2.6
OH59 3	[14-500 - URM: 24.30 - LRM: 6.70] - TWIN CREEK (BANTAS FORK TO LITTLE TWIN CREEK)	88	EB	3.1		14.5		
OH59 4	[14-502 - URM: 15.40 - LRM: 0.00] - TOMS RUN	96	MB	15.0				0.4
OH59 4.1	[14-517 - URM: 4.80 - LRM: 0.00] - TRIB. TO TOMS RUN (RM 5.34)	96	MB		4.8			
OH59 7	[14-505 - URM: 16.80 - LRM: 0.00] - BANTAS FORK	88	EB	5.1		3.4		8.3
OH59 10	[14-500 - URM: 29.70 - LRM: 24.30] - TWIN CREEK (PRICE CREEK TO BANTAS FORK)	88	EB			4.4	1.0	
OH59 15	[14-500 - URM: 47.03 - LRM: 29.74] - TWIN CREEK (HEADWATERS TO PRICE CREEK)	88	EB			0.5	12.0	4.7
Subbasin Totals:				32.2	4.8	29.1	13.4	
MIDDLE GREAT MIAMI RIVER								
OH60 1	[14-001 - URM: 38.38 - LRM: 26.60] - GREAT MIAMI RIVER (FOURMILE CREEK TO RM 26.6)	92	MB	0.2		11.0	0.5	
OH60 2	[14-010 - URM: 22.90 - LRM: 0.00] - INDIAN CREEK	88	EB	0.9		5.0	4.4	12.6
OH60 2.1	[14-090 - URM: 2.03 - LRM: 0.00] - TRIB. TO INDIAN CREEK (QUEEN ACRES)	88	EC	2.0				
OH60 4	[14-012 - URM: 4.92 - LRM: 0.00] - BANKLICK CREEK	88	EC	0.5				4.4
OH60 5	[14-013 - URM: 5.90 - LRM: 0.00] - PLEASANT RUN	88	EC	0.5				5.4
OH60 7	[14-015 - URM: 4.80 - LRM: 0.00] - TWO MILE CREEK	94	MB				0.8	4.0

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID #	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat-ened	Partial		
OH60 7.1	[14-165 - URM: 1.90 - LRM: 0.00] - TRIB. TO TWOMILE CREEK (RM 1.53)	94	MB	0.8			0.8	0.3
OH60 9	[14-001 - URM: 47.60 - LRM: 38.40] - GREAT MIAMI RIVER (DICKS CREEK TO FOURMILE CREEK)	92	MB				7.8	1.4
OH60 12	[14-016 - URM: 8.00 - LRM: 0.00] - GREGORY CREEK	88	EC	0.5				7.5
OH60 14	[14-018 - URM: 10.50 - LRM: 0.00] - DICKS CREEK	88	EB	5.2			2.6	2.7
OH60 15	[14-020 - URM: 8.70 - LRM: 0.00] - SHAKER CREEK	88	EB	0.1				8.6
OH60 16	[14-021 - URM: 5.00 - LRM: 0.00] - MILLERS CREEK	88	EB					5.0
OH60 17	[14-019 - URM: 5.60 - LRM: 0.00] - NORTH BRANCH DICKS CREEK	88	EB	0.5				5.1
OH60 18	[14-001 - URM: 57.42 - LRM: 47.60] - GREAT MIAMI RIVER (TWIN CREEK TO DICKS CREEK)	94	MB				9.3	0.5
OH60 19	[14-022 - URM: 12.60 - LRM: 0.00] - ELK CREEK	88	MB	12.6				
OH60 21	[14-001 - URM: 67.60 - LRM: 57.42] - GREAT MIAMI RIVER (BEAR CREEK TO TWIN CREEK)	94	MB				7.3	2.8
OH60 22	[14-024 - URM: 11.00 - LRM: 0.00] - CLEAR CREEK	88	EB	2.5			0.8	2.1
OH60 22.1	[14-094 - URM: 2.40 - LRM: 0.00] - TRIB. TO CLEAR CREEK (RM 7.1)	88	EC					0.5
OH60 27	[14-029 - URM: 14.40 - LRM: 0.00] - BEAR CREEK	88	EB	7.2				2.9
OH60 33	[14-001 - URM: 80.20 - LRM: 67.60] - GREAT MIAMI RIVER (WOLF CREEK TO BEAR CREEK)	92	MB	3.9			6.3	2.4
OH60 33.1	[14-089 - URM: 1.00 - LRM: 0.00] - OWL CREEK	88	EC					0.5
OH60 34	[14-035 - URM: 3.70 - LRM: 0.00] - OPOSSUM CREEK	88	EC	0.5				
OH60 35	[14-036 - URM: 9.00 - LRM: 0.00] - HOLES CREEK	88	EC	0.5				
OH60 36	[14-037 - URM: 19.30 - LRM: 0.00] - WOLF CREEK	88	EB	1.4				3.3
OH60 41	[14-001 - URM: 82.60 - LRM: 80.20] - GREAT MIAMI RIVER (STILLWATER RIVER TO WOLF CREEK)	92	MB	0.6			1.8	
		Subbasin Totals:		40.4			52.0	44.3
FOURMILE CREEK								
OH61 5	[14-308 - URM: 52.28 - LRM: 39.00] - E. FK. WHITEWATER R. (HEADWATERS TO OHIO/INDANA)	88	EB				4.3	6.8
OH61 11	[14-400 - URM: 3.74 - LRM: 0.00] - FOURMILE CREEK (SEVENMILE CREEK TO GREAT MIAMI R.)	94	MB	3.7				
OH61 12	[14-410 - URM: 15.20 - LRM: 0.00] - SEVENMILE CREEK (PAINT CREEK TO FOURMILE CREEK)	94	MB	10.0			5.2	
OH61 19	[14-410 - URM: 37.00 - LRM: 15.18] - SEVENMILE CREEK (HEADWATERS TO PAINT CREEK)	94	MB		1.0		11.0	2.0
OH61 24	[14-400 - URM: 23.90 - LRM: 3.74] - FOURMILE CREEK (L. FOURMILE CR. TO SEVENMILE CR.)	94	MB	7.3	6.0		4.2	
OH61 31	[14-400 - URM: 38.20 - LRM: 23.90] - FOURMILE CREEK (HEADWATERS TO LITTLE FOURMILE CR.)	94	MB		14.3			
		Subbasin Totals:		21.0	21.3		24.7	8.8

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat-ened	Partial	Not Support.	
LOWER GREAT MIAMI RIVER AND WHITEWATER RIVER								
OH62 1	[14-001 - URM: 15.00 - LRM: 0.00] - GREAT MIAMI RIVER (TAYLOR CREEK TO OHIO RIVER)	92	MB			8.3	6.7	
OH62 3	[14-300 - URM: 8.26 - LRM: 0.00] - WHITEWATER RIVER (OHIO/INDIANA TO GREAT MIAMI R.)	88	EB			1.8	6.4	
OH62 3.1	[- - URM: 0.00 - LRM: 0.00] -	88	EC				0.5	-0.5
OH62 3.2	[- - URM: 0.00 - LRM: 0.00] -	88	EB	1.1			0.5	-1.6
OH62 5.1	[14-319 - URM: 4.00 - LRM: 0.00] - KIATA CREEK	90	MB	0.8			0.5	2.7
OH62 12	[14-004 - URM: 8.40 - LRM: 0.00] - TAYLOR CREEK	92	MB		4.0	0.5		3.9
OH62 12.1	[14-149 - URM: 6.27 - LRM: 0.00] - WESSELMAN CREEK	92	MB		1.0			5.2
OH62 12.2	[14-148 - URM: 4.52 - LRM: 0.00] - BRIARLY CREEK	92	MB		0.5	0.8	1.7	1.5
OH62 12.21	[14-150 - URM: 3.48 - LRM: 0.00] - STEELE CREEK	92	MB				1.0	2.4
OH62 13	[14-001 - URM: 26.60 - LRM: 14.98] - GREAT MIAMI RIVER (RM 26.6 TO TAYLOR CREEK)	94	MB	0.5		8.7	2.4	
OH62 14	[14-005 - URM: 8.80 - LRM: 0.00] - PADDY'S RUN	88	EC	0.5				8.3
OH62 15	[14-006 - URM: 3.00 - LRM: 0.00] - BLUEROCK CREEK	92	MB	2.2			0.8	
OH62 16	[14-007 - URM: 2.30 - LRM: 0.00] - OWL CREEK	88	EC	2.3				
OH62 21	[23-007 - URM: 8.40 - LRM: 0.00] - MUDDY CREEK	92	MB				8.4	
OH62 22	[23-008 - URM: 4.70 - LRM: 0.00] - RAPID RUN	92	MB				4.7	
OH62 22.1	[23-012 - URM: 2.69 - LRM: 0.00] - WULFF RUN	92	MB				1.0	1.6
OH62 23	[23-001 - URM: 11.57 - LRM: 0.00] - MILL CREEK (WEST FORK MILL CREEK TO OHIO RIVER)	94	MB				11.5	
OH62 23.2	[23-017 - URM: 3.90 - LRM: 0.00] - BLOODY RUN	94	MB				0.5	3.4
OH62 24	[23-002 - URM: 5.00 - LRM: 0.00] - WEST FORK MILL CREEK (DOWNSTREAM)	92	MB				5.0	
OH62 24.1	[23-013 - URM: 2.05 - LRM: 0.00] - TRIB. TO WEST FORK MILL CREEK	94	MC				2.0	0.0
OH62 26	[23-004 - URM: 15.20 - LRM: 0.00] - WEST FORK MILL CREEK (UPSTREAM)	94	MB				4.7	10.5
OH62 27	[23-001 - URM: 15.63 - LRM: 11.57] - MILL CREEK (SHARON CREEK TO WEST FORK MILL CREEK)	94	MB				4.0	
OH62 28	[23-005 - URM: 5.50 - LRM: 0.00] - SHARON CREEK	94	MB				0.5	5.0
OH62 30	[23-001 - URM: 28.35 - LRM: 15.64] - MILL CREEK (HEADWATERS TO SHARON CREEK)	94	MB	3.6			9.1	0.0
OH62 30.1	[23-010 - URM: 2.08 - LRM: 0.00] - TOWN RUN	88	EC				1.0	1.0
OH62 31	[23-006 - URM: 7.10 - LRM: 0.00] - EAST FORK MILL CREEK	94	MB	5.2			1.9	
		Subbasin Totals:		16.2	5.5	20.1	75.0	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat- ened	Partial		
WABASH RIVER								
OH63 1	[22-001 - URM: 468.82 - LRM: 466.10] - WABASH RIVER (BEAVER CREEK TO OHIO/INDIANA LINE)	88	MB				2.7	
OH63 4	[22-100 - URM: 10.60 - LRM: 0.00] - BEAVER CREEK (GRAND LAKE ST. MARYS TO WABASH R.)	88	EB				10.4	0.2
OH63 10	[22-106 - URM: 5.70 - LRM: 0.00] - HARDIN CREEK	88	MB	0.5				5.2
OH63 16	[22-001 - URM: 481.39 - LRM: 468.82] - WABASH RIVER (STONY CREEK TO BEAVER CREEK)	88	MB			8.2	4.3	
OH63 19	[22-001 - URM: 508.80 - LRM: 481.39] - WABASH RIVER (HEADWATERS TO STONY CREEK)	88	EB	4.4		2.8	2.4	17.8
OH63 19.1	[22-012 - URM: 1.30 - LRM: 0.00] - TRIB. TO WABASH RIVER	88	EC				1.3	
Subbasin Totals:				4.9		11.0	21.1	
ST. MARYS RIVER								
OH64 4	[04-503 - URM: 17.00 - LRM: 0.00] - BLACK CREEK	88	EB				0.5	16.5
OH64 7	[04-500 - URM: 71.30 - LRM: 46.64] - ST. MARYS RIVER (TWELVEMILE CREEK TO BLACK CREEK)	88	EC	0.5				24.1
OH64 12	[04-510 - URM: 13.40 - LRM: 0.00] - TWELVEMILE CREEK	88	EB				2.2	11.2
OH64 15	[04-500 - URM: 89.12 - LRM: 71.30] - ST. MARYS R. (SIXMILE CREEK TO TWELVEMILE CREEK)	94	MB				17.8	0.0
OH64 18	[04-500 - URM: 100.17 - LRM: 89.12] - ST. MARYS RIVER (MIAMI/ERIE CANAL TO SIXMILE CR.)	94	MB			7.3	3.7	
OH64 25	[04-500 - URM: 102.00 - LRM: 100.17] - ST. MARYS RIVER (GRAND LAKE TO ST. MARYS)	94	MB				1.8	0.0
OH64 26	[04-524 - URM: 13.46 - LRM: 0.00] - KOPP CREEK	88	EB				13.4	
OH64 27	[04-525 - URM: 4.02 - LRM: 0.00] - WIERTH DITCH	88	EB				4.0	
OH64 28	[04-526 - URM: 5.78 - LRM: 0.00] - TRIB. TO KOPP CREEK (RM 5.4)	88	EB				3.0	2.7
OH64 29	[04-517 - URM: 13.50 - LRM: 0.00] - CLEAR CREEK	96	MB	13.5				
OH64 30	[04-518 - URM: 12.30 - LRM: 0.00] - CENTER BRANCH	88	EB				7.0	5.3
OH64 31	[04-519 - URM: 7.50 - LRM: 0.00] - CARTER CREEK	88	MB				0.5	7.0
Subbasin Totals:				14.0		7.3	54.0	
ST. JOSEPH RIVER (INCLUDING GORDON CREEK)								
OH65 1	[04-001 - URM: 81.48 - LRM: 65.76] - MAUMEE RIVER (GORDON CREEK TO TIFFIN RIVER)	94	MB				1.0	14.7
OH65 6	[04-052 - URM: 16.30 - LRM: 0.00] - GORDON CREEK	88	EB				15.2	1.1
OH65 9	[04-055 - URM: 8.50 - LRM: 0.00] - MIDDLE FORK GORDON CREEK	88	EB	1.4			7.1	
OH65 9.1	[04-075 - URM: 2.08 - LRM: 0.00] - MILL CREEK (HICKSVILLE)	88	EC				0.5	1.5
OH65 10	[04-001 - URM: 94.47 - LRM: 81.49] - MAUMEE RIVER (ZUBER CUTOFF DITCH TO GORDON CREEK)	88	EB				12.9	-0.0

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH65 17	[04-001 - URM: 107.87 - LRM: 94.48] - MAUMEE RIVER (OH./IND. BORDER TO ZUBER CUTOFF D.)	88	EB				13.3	
OH65 21	[04-400 - URM: 52.93 - LRM: 41.68] - ST. JOSEPH RIVER (FISH CREEK TO OH/IND. BORDER)	94	MB			11.2		
OH65 26	[04-405 - URM: 5.57 - LRM: 0.00] - FISH CREEK (OH./IND. BORDER TO ST. JOSEPH RIVER)	96	MB			2.8	2.7	
OH65 28	[04-400 - URM: 60.98 - LRM: 52.93] - ST. JOSEPH RIVER (BEAR CREEK TO FISH CREEK)	94	MB			8.0		
OH65 31	[04-409 - URM: 11.20 - LRM: 0.00] - BEAR CREEK	94	MB	10.0		1.2		
OH65 33	[04-400 - URM: 80.37 - LRM: 60.98] - ST. JOSEPH RIVER (NETTLE CREEK TO BEAR CREEK)	94	MB			19.3		
OH65 34	[04-411 - URM: 15.70 - LRM: 0.00] - EAGLE CREEK	88	EB	0.5		0.5		14.7
OH65 36	[04-413 - URM: 15.81 - LRM: 0.00] - NETTLE CREEK	88	EC			0.5		15.3
OH65 37	[04-400 - URM: 84.57 - LRM: 80.37] - ST. JOSEPH RIVER (HEADWATERS TO NETTLE CREEK)	94	MB			4.2		
OH65 38	[04-418 - URM: 3.05 - LRM: 0.00] - JOHN LATTANER DITCH	88	EC				4.0	-0.9
OH65 39	[04-414 - URM: 11.00 - LRM: 0.00] - WEST BRANCH ST. JOSEPH RIVER	94	MB	11.0				
OH65 42	[04-417 - URM: 2.90 - LRM: 0.00] - SILVER CREEK	94	MB	2.9				
Subbasin Totals:				25.8		77.5	28.3	
BLANCHARD RIVER								
OH66 1	[04-183 - URM: 17.80 - LRM: 0.00] - OTTAWA CREEK	88	EC				0.5	17.3
OH66 2	[04-184 - URM: 9.50 - LRM: 0.00] - TIDERISHI CREEK	88	MB	9.5				
OH66 3	[04-160 - URM: 58.10 - LRM: 45.64] - BLANCHARD (EAGLE CREEK TO OTTAWA CREEK)	94	MB			12.4		
OH66 3.1	[04-247 - URM: 9.35 - LRM: 0.00] - AURAND RUN	88	EC	0.5				8.8
OH66 4	[04-224 - URM: 3.50 - LRM: 0.00] - OIL DITCH	88	EB				3.5	
OH66 4.1	[- - URM: 0.00 - LRM: 0.00] -	88	EC				0.2	-0.2
OH66 5	[04-185 - URM: 22.28 - LRM: 0.00] - EAGLE CREEK	88	EB	1.1		5.2	7.7	8.2
OH66 6	[04-186 - URM: 1.70 - LRM: 0.00] - BUCK RUN	88	EC	0.5				1.2
OH66 10	[04-160 - URM: 63.63 - LRM: 58.10] - BLANCHARD RIVER (THE OUTLET TO EAGLE CREEK)	94	MB	3.6		1.9		
OH66 13	[04-160 - URM: 76.27 - LRM: 63.63] - BLANCHARD RIVER (POTATO RUN TO THE OUTLET)	90	MB	12.6				
OH66 18	[04-160 - URM: 90.94 - LRM: 76.27] - BLANCHARD (THE OUTLET TO POTATO RUN)	88	EB			2.2	12.4	
OH66 19	[04-196 - URM: 15.15 - LRM: 0.00] - POTATO RUN	88	EC				0.5	14.6
OH66 21	[04-160 - URM: 104.20 - LRM: 90.94] - BLANCHARD RIVER (HEADWATERS TO THE OUTLET)	88	EB			1.3	5.8	6.1
OH66 22	[04-198 - URM: 4.02 - LRM: 0.00] - THE OUTLET (RM 90.94)	88	EC	0.5				3.5

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH66 23	[04-248 - URM: 6.30 - LRM: 0.00] - SHALLOW RUN (DUNKIRK)	88	EC				6.3	
LOWER AUGLAIZE RIVER		Subbasin Totals:		28.3		23.1	36.9	
OH67 1	[04-160 - URM: 17.30 - LRM: 0.00] - BLANCHARD RIVER (CRANBERRY CREEK TO AUGLAIZE R.)	92	MB				17.3	
OH67 6	[04-160 - URM: 30.08 - LRM: 17.30] - BLANCHARD RIVER (RILEY CREEK TO CRANBERRY CREEK)	92	MB	7.9		1.9	2.9	
OH67 6.1	[04-250 - URM: 2.25 - LRM: 0.00] - TRIB. TO BLANCHARD RIVER (RM 21.5)	88	EC				2.2	
OH67 10	[04-168 - URM: 15.30 - LRM: 0.00] - RILEY CREEK (LITTLE RILEY CREEK TO BLANCHARD R.)	94	MB		4.6	5.1	5.6	
OH67 11	[04-169 - URM: 8.70 - LRM: 0.00] - CRANBERRY RUN	88	EC	0.5				8.2
OH67 12	[04-168 - URM: 26.80 - LRM: 15.30] - RILEY CREEK (HEADWATERS TO LITTLE RILEY CREEK)	94	MB				2.7	8.8
OH67 13	[04-170 - URM: 8.30 - LRM: 0.00] - LITTLE RILEY CREEK	94	MB				2.5	5.8
OH67 20	[04-160 - URM: 45.64 - LRM: 30.08] - BLANCHARD RIVER (OTTAWA CREEK TO RILEY CREEK)	94	MB	15.5				
OTTAWA RIVER		Subbasin Totals:		24.0	4.6	7.0	33.2	
OH68 1	[04-200 - URM: 6.57 - LRM: 0.00] - OTTAWA RIVER (SUGAR CREEK TO AUGLAIZE RIVER)	94	MB	1.2				5.3
OH68 2	[04-201 - URM: 14.40 - LRM: 0.00] - PLUM CREEK	88	EC				14.4	
OH68 2.1	[04-229 - URM: 6.75 - LRM: 0.00] - TRIB. TO PLUM CREEK (RM 7.3)	88	EC	0.5				6.2
OH68 4	[04-203 - URM: 28.90 - LRM: 0.00] - SUGAR CREEK	88	EB		5.4	8.1	15.4	
OH68 4.2	[04-225 - URM: 2.00 - LRM: 0.00] - TRIB. TO SUGAR CREEK (MR 18.8)	88	EB				2.0	
OH68 4.3	[04-244 - URM: 2.35 - LRM: 0.00] - TRIB. TO SUGAR CREEK (RM 21.9)	88	EC	0.5				1.8
OH68 8	[04-200 - URM: 22.93 - LRM: 6.57] - OTTAWA RIVER (HONEY RUN TO SUGAR CREEK)	92	MB			16.3		
OH68 9	[04-207 - URM: 9.30 - LRM: 0.00] - LEATHERWOOD DITCH	88	EB	1.0			3.0	5.3
OH68 10	[04-208 - URM: 9.45 - LRM: 0.00] - PIKE RUN	94	MB				9.4	
OH68 11	[04-200 - URM: 35.30 - LRM: 22.93] - OTTAWA RIVER (LITTLE OTTAWA RIVER TO HONEY RUN)	94	MB				6.5	5.8
OH68 11.1	[04-228 - URM: 6.21 - LRM: 0.00] - MCBRIDE DITCH	88	EC	0.5				5.7
OH68 16	[04-213 - URM: 6.40 - LRM: 0.00] - LITTLE OTTAWA RIVER	88	EC	6.4				
OH68 16.1	[04-245 - URM: 1.20 - LRM: 0.00] - CRIDERSVILLE TRIBUTARY	88	EC				0.5	0.7
OH68 17	[04-200 - URM: 50.70 - LRM: 35.30] - OTTAWA RIVER (HOG CREEK TO LITTLE OTTAWA RIVER)	94	MB	1.7		3.2	5.9	4.6
OH68 17.2	[04-246 - URM: 0.76 - LRM: 0.00] - TRIB. TO OTTAWA RIVER (RM 41.5)	88	EC			0.5		0.2

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH68 18	[04-214 - URM: 5.10 - LRM: 0.00] - LOST CREEK	90	MB				4.7	0.4
OH68 18.1	[04-249 - URM: 4.70 - LRM: 0.00] - TRIB. TO LOST CREEK (RM 1.15)	90	MB				0.5	4.2
OH68 20	[04-216 - URM: 14.20 - LRM: 0.00] - HOG CREEK	94	MB			5.6	8.6	
OH68 26	[04-221 - URM: 4.80 - LRM: 0.00] - LITTLE HOG CREEK	94	MB	0.5				4.3
Subbasin Totals:				12.3	5.4	33.7	70.9	
LITTLE AUGLAIZE RIVER								
OH69 1	[04-130 - URM: 8.45 - LRM: 0.00] - LITTLE AUGLAIZE R. (DOG CREEK TO AUGLAIZE RIVER)	88	MB	3.9		2.0	1.4	1.1
OH69 1.1	[04-226 - URM: 2.12 - LRM: 0.00] - TRIB. TO L. AUGLAIZE R. (RM 0.93)	88	EC				1.1	1.0
OH69 2	[04-131 - URM: 11.11 - LRM: 0.00] - PRAIRIE CREEK (HAGERMAN CR. TO LITTLE AUGLAIZE R.)	88	MB				11.1	
OH69 3	[04-132 - URM: 9.70 - LRM: 0.00] - WEST BRANCH (HOAGLIN CREEK TO PRAIRIE CREEK)	88	EB				9.7	
OH69 8	[04-137 - URM: 17.20 - LRM: 0.00] - HAGERMAN CREEK	88	EB	1.0			16.2	
OH69 9	[04-131 - URM: 23.34 - LRM: 11.11] - PRAIRIE CREEK (HEADWATERS TO HAGERMAN CREEK)	88	MB	2.8			9.4	1.7
OH69 10	[04-138 - URM: 4.30 - LRM: 0.00] - DRY CREEK	88	EC				2.8	1.5
OH69 11	[04-139 - URM: 9.50 - LRM: 0.00] - MIDDLE CREEK	88	EC			0.5		9.0
OH69 15	[04-143 - URM: 31.10 - LRM: 0.00] - TOWN CREEK	88	EB			8.6	14.8	7.7
OH69 17	[04-145 - URM: 28.00 - LRM: 0.00] - DOG CREEK	88	MB				23.8	4.2
OH69 20	[04-130 - URM: 35.37 - LRM: 8.45] - LITTLE AUGLAIZE RIVER (EVANS DITCH TO DOG CREEK)	88	MB	7.1		3.6	16.2	
OH69 20.1	[04-159 - URM: 4.27 - LRM: 0.00] - EVANS DITCH	88	EB	2.2			0.9	1.1
OH69 20.2	[04-227 - URM: 4.00 - LRM: 0.00] - TRIB. TO LITTLE AUGLAIZE RIVER (RM 31.7)	88	EC	0.5				3.5
OH69 25	[04-130 - URM: 46.34 - LRM: 35.37] - LITTLE AUGLAIZE RIVER (HEADWATERS TO EVANS DITCH)	88	MB				10.9	8.0
OH69 27	[04-153 - URM: 10.30 - LRM: 0.00] - LONG PRAIRIE CREEK	88	EB	1.6			7.2	1.5
Subbasin Totals:				19.1		14.7	125.6	
UPPER AUGLAIZE RIVER								
OH70 1	[04-100 - URM: 26.20 - LRM: 16.45] - AUGLAIZE RIVER (BLANCHARD R. TO L. AUGLAIZE R.)	88	EB				9.7	
OH70 1.1	[04-078 - URM: 1.60 - LRM: 0.00] - TRIB. TO AUGLAIZE R. (RM 19.2)	88	EC	0.5				1.1
OH70 3	[04-100 - URM: 33.26 - LRM: 26.20] - AUGLAIZE RIVER (OTTAWA RIVER TO BLANCHARD RIVER)	94	MB		7.0			0.0
OH70 5	[04-100 - URM: 47.02 - LRM: 33.26] - AUGLAIZE RIVER (JENNINGS CREEK TO OTTAWA RIVER)	94	MB		6.9	6.8		
OH70 7	[04-230 - URM: 14.50 - LRM: 0.00] - JENNINGS CREEK	90	MB			3.3	11.2	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH70 8	[04-231 - URM: 9.60 - LRM: 0.00] - FLAT FORK	90	MB				9.6	
OH70 12	[04-100 - URM: 62.31 - LRM: 47.02] - AUGLAIZE RIVER (SIXMILE CREEK TO JENNINGS CREEK)	94	MB			15.2		
OH70 13	[04-100 - URM: 72.28 - LRM: 62.31] - AUGLAIZE RIVER (TWO MILE CREEK TO SIXMILE CREEK)	94	MB	8.2		1.7		0.0
OH70 13.1	[04-074 - URM: 4.35 - LRM: 0.00] - GOECKE TRIBUTARY	88	EB				1.0	3.3
OH70 14	[04-128 - URM: 6.81 - LRM: 0.00] - SIXMILE CREEK	94	MB				4.2	2.6
OH70 14.1	[04-079 - URM: 0.20 - LRM: 0.00] - TRIB. TO SIXMILE CREEK (SPENCERVILLE)	88	EC				0.2	
OH70 16.3	[04-258 - URM: 2.67 - LRM: 0.00] - SHEARER DITCH	96	MB				3.0	-0.3
OH70 17	[04-100 - URM: 83.57 - LRM: 72.28] - AUGLAIZE RIVER (PUSHETA CREEK TO TWO MILE CREEK)	94	MB	11.2				
OH70 18	[04-235 - URM: 13.70 - LRM: 0.00] - PUSHETA CREEK	96	MB		10.0			3.7
OH70 20	[04-100 - URM: 93.09 - LRM: 83.57] - AUGLAIZE RIVER (BLACKHOOF CREEK TO PUSHETA CREEK)	94	MB	1.4		1.3	1.6	5.2
OH70 24	[04-240 - URM: 3.30 - LRM: 0.00] - HUFFMAN CREEK	88	MB	1.4				1.9
OH70 25	[04-100 - URM: 101.90 - LRM: 93.09] - AUGLAIZE RIVER (HEADWATERS TO BLACKHOOF CREEK)	88	MB			1.0	5.9	1.9
Subbasin Totals:				22.7	23.9	29.4	46.4	
UPPER MAUMEE RIVER								
OH71 1	[04-100 - URM: 11.08 - LRM: 0.00] - AUGLAIZE RIVER (FLATROCK CREEK TO MAUMEE RIVER)	88	EB			6.6	4.4	
OH71 2	[04-110 - URM: 19.60 - LRM: 0.00] - POWELL CREEK	88	EB				0.5	19.1
OH71 4	[04-112 - URM: 13.00 - LRM: 0.00] - NORTH POWELL CREEK	88	EB				0.5	12.5
OH71 6	[04-114 - URM: 15.50 - LRM: 0.00] - TRIB. TO SOUTH POWELL CREEK (RM 13.36)	88	EB				3.6	11.9
OH71 6.1	[04-072 - URM: 1.40 - LRM: 0.00] - CONTINENTAL DITCH	88	EB				1.4	
OH71 15	[04-109 - URM: 23.64 - LRM: 0.00] - FLATROCK CREEK (WILDCAT CREEK TO AUGLAIZE RIVER)	94	MB		2.1	19.7	1.8	0.0
OH71 15.1	[04-076 - URM: 3.13 - LRM: 0.00] - OPOSSUM RUN (PAULDING)	94	MB				0.5	2.6
OH71 15.2	[04-080 - URM: 2.50 - LRM: 0.00] - BIG RUN (PAULDING)	88	EC				0.5	2.0
OH71 16	[04-109 - URM: 34.11 - LRM: 23.64] - FLATROCK CREEK (OH./IND. BORDER TO WILDCAT CREEK)	94	MB				5.3	5.1
OH71 17	[04-115 - URM: 5.30 - LRM: 0.00] - WILDCAT CREEK	94	MB	0.5				4.8
OH71 19	[04-100 - URM: 16.45 - LRM: 11.08] - AUGLAIZE RIVER (L. AUGLAIZE R. TO FLATROCK CREEK)	88	EB				5.3	
OH71 20	[04-120 - URM: 16.27 - LRM: 0.00] - BLUE CREEK (CUNNINGHAM CREEK TO AUGLAIZE RIVER)	88	MB	0.1		1.1		15.0
OH71 20.1	[04-252 - URM: 3.80 - LRM: 0.00] - DELAET-BROUGHTON DITCH	88	EB	0.2			1.8	1.8
OH71 22	[04-122 - URM: 7.87 - LRM: 0.00] - WEBSTER DITCH (ZIELKE DITCH)	88	EB				1.1	6.7

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH71 29	[04-001 - URM: 65.76 - LRM: 64.04] - MAUMEE RIVER (TIFFIN RIVER TO AUGLAIZE RIVER)	88	MB				1.7	
TIFFIN RIVER		Subbasin Totals:		0.8	2.1	27.4	28.5	
OH72 1	[04-600 - URM: 8.18 - LRM: 0.00] - TIFFIN RIVER (LICK CREEK TO MAUMEE RIVER)	94	MB			8.1		0.0
OH72 6	[04-605 - URM: 12.00 - LRM: 0.00] - MUD CREEK	88	MB	1.0		0.1	2.1	8.8
OH72 10	[04-609 - URM: 10.14 - LRM: 0.00] - LICK CREEK (LITTLE LICK CREEK TO TIFFIN RIVER)	88	MB				10.1	
OH72 11	[04-633 - URM: 12.75 - LRM: 0.00] - PRAIRIE CREEK	88	EB				12.1	0.6
OH72 11.6	[04-634 - URM: 1.25 - LRM: 0.00] - TRIB. TO PRAIRIE CREEK (RM 11.3)	88	EC	0.5				0.7
OH72 11.7	[04-639 - URM: 2.38 - LRM: 0.00] - TRIB. TO PRAIRIE CREEK (RM 11.0)	88	EC				0.5	1.8
OH72 11.8	[04-636 - URM: 3.76 - LRM: 0.00] - WILLIAMS CO. DITCH 40	88	EC				0.5	3.2
OH72 13	[04-609 - URM: 28.07 - LRM: 10.14] - LICK CREEK (HEADWATERS TO LITTLE LICK CREEK)	88	MB			0.9		17.0
OH72 16	[04-600 - URM: 36.34 - LRM: 8.18] - TIFFIN RIVER (LEATHERWOOD CREEK TO LICK CREEK)	94	MB			27.7	0.4	
OH72 18	[04-614 - URM: 21.40 - LRM: 0.00] - BRUSH CREEK	88	EB				21.4	
OH72 19	[04-615 - URM: 3.20 - LRM: 0.00] - OWL CREEK	88	MB				0.5	2.7
OH72 21	[04-617 - URM: 23.00 - LRM: 0.00] - BEAVER CREEK	88	MB	0.5				22.5
OH72 21.1	[04-637 - URM: 2.78 - LRM: 0.00] - TRIB. TO BEAVER CREEK (RM 14.2)	88	EC				0.5	2.2
OH72 23	[04-600 - URM: 50.82 - LRM: 36.34] - TIFFIN RIVER (MILL/BEAN CR. TO LEATHERWOOD CR.)	94	MB	1.1				13.3
OH72 29	[04-624 - URM: 15.50 - LRM: 0.00] - MILL CREEK	94	MB			4.0	4.0	7.5
OH72 29.1	[04-638 - URM: 2.60 - LRM: 0.00] - TRIB. TO HARRISON LAKE	88	EC	0.5				2.1
OH72 31	[04-626 - URM: 9.80 - LRM: 0.00] - BEAN CREEK	94	MB	2.0				7.8
OH72 33	[04-628 - URM: 8.80 - LRM: 0.00] - DEER CREEK	88	EC	0.5				8.3
OH72 33.1	[04-635 - URM: 2.30 - LRM: 0.00] - TRIB. TO DEER CREEK (RM 5.9)	88	EC	0.5				1.8
OH72 35	[04-630 - URM: 3.40 - LRM: 0.00] - SPRING CREEK	88	EC	0.5				2.9
OH72 37	[04-632 - URM: 8.40 - LRM: 0.00] - OLD BEAN CREEK	94	MB				8.4	
UPPER MIDDLE MAUMEE RIVER		Subbasin Totals:		7.1		40.8	60.6	
OH73 1	[04-026 - URM: 14.43 - LRM: 0.00] - BAD CREEK (UNNAMED TRIB. S. OF DELTA TO MAUMEE R.)	92	MB	0.5		1.0	1.2	11.7
OH73 1.1	[04-092 - URM: 3.90 - LRM: 0.00] - TRIB. TO BAD CREEK (RM 14.4)	88	EC				0.5	3.4

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH73 2	[04-026 - URM: 30.70 - LRM: 14.43] - BAD CREEK (HEADWATERS TO UNNAMED TRIB. S OF DELTA)	88	MB				5.6	10.6
OH73 8	[04-031 - URM: 11.20 - LRM: 0.00] - LOST CREEK	88	MB				11.2	
OH73 16	[04-037 - URM: 21.90 - LRM: 0.00] - NORTH TURKEYFOOT CREEK	88	EB				21.9	
OH73 16.1	[04-094 - URM: 3.58 - LRM: 0.00] - TRIB. TO NORTH TURKEYFOOT CR. (RM 17.33)	88	EC			0.5		3.0
OH73 16.2	[04-082 - URM: 12.70 - LRM: 0.00] - TRIB. TO NORTH TURKEYFOOT CR. (RM 6.68)	88	EC			0.5		12.2
OH73 16.3	[04-083 - URM: 2.15 - LRM: 0.00] - TRIB. TO NORTH TURKEYFOOT CR. (RM 18.4)	88	EC	0.8			0.2	1.1
OH73 16.4	[04-084 - URM: 2.24 - LRM: 0.00] - TRIB. TO NORTH TURKEYFOOT CR. (RM 19.5)	88	EC	0.5				1.7
OH73 17	[04-038 - URM: 11.60 - LRM: 0.00] - KONZEN DITCH	88	MB			7.5		4.1
OH73 18	[04-001 - URM: 45.59 - LRM: 37.92] - MAUMEE RIVER (VAN HYNING CR. TO N. TURKEYFOOT CR.)	88	MB	7.0			0.6	
OH73 21	[04-001 - URM: 52.18 - LRM: 45.59] - MAUMEE RIVER (WADE CREEK TO VAN HYNING CREEK)	88	EB			1.1	5.4	
OH73 26	[04-001 - URM: 64.04 - LRM: 52.18] - MAUMEE RIVER (AUGLAIZE RIVER TO WADE CREEK)	94	MB	3.1		3.8	2.2	2.7
OH73 26.10	[04-999 - URM: 6.60 - LRM: 0.00] - MIAMI-ERIE CANAL	88	EB				4.6	2.0
Subbasin Totals:				11.9		14.4	53.4	
LOWER MIDDLE MAUMEE RIVER								
OH74 1	[04-001 - URM: 24.06 - LRM: 20.69] - MAUMEE RIVER (TONTOGANY CREEK TO WATERVILLE)	92	MB	3.3				
OH74 2	[04-013 - URM: 4.00 - LRM: 0.00] - TONTOGANY CREEK	88	EC	4.0				
OH74 2.1	[04-085 - URM: 10.00 - LRM: 0.00] - WEST BRANCH TONTAGONY CREEK	88	EC				0.5	9.5
OH74 3	[04-001 - URM: 31.22 - LRM: 24.06] - MAUMEE RIVER (BEAVER CREEK TO TONTOGANY CREEK)	88	MB	7.1				
OH74 8	[04-018 - URM: 14.15 - LRM: 0.00] - BRUSH CREEK	88	EC	14.1				
OH74 9	[04-070 - URM: 1.78 - LRM: 0.00] - HICKEY DITCH	88	EC				0.5	1.2
OH74 11	[04-019 - URM: 17.40 - LRM: 0.00] - YELLOW CREEK	88	EB				14.6	2.8
OH74 13	[04-021 - URM: 6.42 - LRM: 0.00] - LITTLE YELLOW CREEK	88	EB				6.4	
OH74 16	[04-001 - URM: 36.20 - LRM: 31.22] - MAUMEE RIVER (BAD CREEK TO BEAVER CREEK)	88	EB	1.8		1.0	2.2	-0.0
OH74 17	[04-001 - URM: 5.22 - LRM: 0.00] - MAUMEE RIVER (SWAN CREEK TO LAKE ERIE)	96	MB			1.0	4.2	
Subbasin Totals:				30.4		2.0	28.4	
LOWER MAUMEE RIVER (AND OTTAWA RIVER)								
OH75 1	[04-001 - URM: 20.68 - LRM: 5.22] - MAUMEE RIVER (WATERVILLE TO SWAN CREEK)	96	MB			2.0	8.5	4.9
OH75 2	[04-002 - URM: 3.56 - LRM: 0.00] - DUCK CREEK	96	MB				3.5	

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH75 3	[04-003 - URM: 22.17 - LRM: 0.00] - SWAN CREEK (BLUE CREEK TO MAUMEE RIVER)	96	MB	4.0		10.4		7.7
OH75 3.1	[04-098 - URM: 3.81 - LRM: 0.00] - HEILMAN DITCH	96	MB				0.5	3.3
OH75 4	[04-004 - URM: 7.00 - LRM: 0.00] - WOLF CREEK	96	MB				2.5	4.5
OH75 4.1	[04-087 - URM: 3.66 - LRM: 0.00] - DRENNAN DITCH	88	EC	0.5				3.1
OH75 5	[04-005 - URM: 7.40 - LRM: 0.00] - CAIRL DITCH	88	EC	0.5				6.9
OH75 6	[04-006 - URM: 11.90 - LRM: 0.00] - BLUE CREEK	96	MB		0.7		1.0	10.2
OH75 9	[04-003 - URM: 30.57 - LRM: 22.17] - SWAN CREEK (AI CREEK TO BLUE CREEK)	92	MB			4.5	3.9	
OH75 12	[04-003 - URM: 43.47 - LRM: 30.57] - SWAN CREEK (HEADWATERS TO AI CREEK)	92	MB			4.4		8.5
OH75 14	[04-012 - URM: 5.50 - LRM: 0.00] - GRASSY CREEK	96	MB	2.9			2.1	0.5
OH75 16	[04-300 - URM: 19.75 - LRM: 0.00] - OTTAWA RIVER	96	MB			1.2	18.5	
OH75 16.1	[04-307 - URM: 3.75 - LRM: 0.00] - FLIEG DITCH	96	MB				1.0	2.7
OH75 16.2	[04-306 - URM: 5.50 - LRM: 0.00] - HELDMAN DITCH	96	MB				5.5	
OH75 16.21	[04-304 - URM: 3.90 - LRM: 0.00] - ZINK DITCH	88	EC				0.5	3.4
OH75 16.3	[04-302 - URM: 4.40 - LRM: 0.00] - HAEFNER DITCH	96	MB				4.4	
OH75 16.4	[04-303 - URM: 5.80 - LRM: 0.00] - HILL DITCH	96	MB				2.6	3.2
OH75 17	[04-310 - URM: 5.20 - LRM: 0.00] - SIBLEY CREEK	96	MB				2.0	3.2
OH75 18	[04-320 - URM: 25.47 - LRM: 0.00] - TENMILE CREEK	96	MB			10.0		15.4
OH75 18.1	[04-091 - URM: 8.08 - LRM: 0.00] - TRIB. TO TENMILE CREEK (RM 16.9)	88	EC	0.5				7.5
OH75 19	[04-321 - URM: 6.50 - LRM: 0.00] - NORTH BRANCH TENMILE CREEK	96	MB				1.0	5.5
OH75 22	[04-065 - URM: 18.37 - LRM: 8.00] - BEAR CREEK (HEADWATERS TO OHIO/MICHIGAN BORDER)	88	EC				0.5	9.8
OH75 22.1	[04-093 - URM: 1.25 - LRM: 0.00] - TRIB. TO BEAR CREEK (RM 12.3)	88	EC				0.5	0.7
OH75 25	[04-068 - URM: 6.00 - LRM: 0.00] - SHANTEE CREEK	96	MB				6.0	
OH75 25.1	[04-089 - URM: 2.05 - LRM: 0.00] - TIFFT DITCH	96	MB				2.0	0.0
OH75 26	[04-069 - URM: 6.90 - LRM: 0.00] - SILVER CREEK	96	MB				7.3	-0.4
OH75 26.1	[04-088 - URM: 1.43 - LRM: 0.00] - KETCHAM DITCH	96	MB				1.4	
		Subbasin Totals:		8.4	0.7	32.5	75.2	

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
LAKE ERIE TRIBS MAUMEE R. TO PORTAGE R.								
OH76 3	[16-216 - URM: 24.40 - LRM: 0.00] - PACKER CREEK	88	EC				0.5	23.9
OH76 4	[16-215 - URM: 17.85 - LRM: 0.00] - TOUSSAINT CREEK (TRIB. E. OF GENOA TO TOUSSAINT R)	96	MB				2.0	15.8
OH76 5	[16-215 - URM: 38.32 - LRM: 17.85] - TOUSSAINT CREEK (HEADWATERS TO TRIB. E. OF GENOA)	96	MB				3.2	17.2
OH76 7	[16-210 - URM: 9.50 - LRM: 0.00] - TURTLE CREEK	96	MB				2.0	7.5
OH76 9	[16-212 - URM: 6.40 - LRM: 0.00] - SOUTH BRANCH TURTLE CREEK	96	MB				2.0	4.4
OH76 11	[16-205 - URM: 28.07 - LRM: 0.00] - CRANE CREEK	96	MB				7.6	20.4
OH76 12	[16-206 - URM: 5.77 - LRM: 0.00] - AYERS CREEK	88	EC				5.7	
OH76 13	[16-207 - URM: 3.50 - LRM: 0.00] - LITTLE CRANE CREEK	96	MB				3.5	
OH76 14	[16-208 - URM: 9.00 - LRM: 0.00] - HENRY CREEK	96	MB				7.0	2.0
OH76 18	[16-202 - URM: 23.95 - LRM: 0.00] - CEDAR CREEK	96	MB			8.0	8.2	7.7
OH76 19	[16-203 - URM: 11.50 - LRM: 0.00] - DRY CREEK	96	MB				7.5	4.0
OH76 21.1	[16-221 - URM: 2.43 - LRM: 0.00] - DRIFTMEYER DITCH	96	MB				2.4	
OH76 21.11	[16-222 - URM: 4.40 - LRM: 0.00] - AMLOSCH DITCH	96	MB				4.4	
OH76 23	[16-201 - URM: 8.25 - LRM: 0.00] - WOLF CREEK	96	MB				2.5	5.7
OH76 24	[16-200 - URM: 10.23 - LRM: 0.00] - OTTER CREEK	96	MB	2.5			7.7	0.0
Subbasin Totals:				2.5		8.0	66.3	
UPPER PORTAGE RIVER								
OH77 3	[16-102 - URM: 14.30 - LRM: 0.00] - BULL CREEK	96	MB				14.3	
OH77 4	[16-103 - URM: 22.90 - LRM: 0.00] - ROCKY FORD	96	MB	6.4			9.0	7.5
OH77 4.1	[16-106 - URM: 1.40 - LRM: 0.00] - KOA TRIB.	96	MB	2.0				-0.6
OH77 4.2	[16-107 - URM: 3.37 - LRM: 0.00] - AIR PRODUCTS TRIB.	88	EB	0.5			1.5	1.3
OH77 5	[16-101 - URM: 19.60 - LRM: 0.00] - MIDDLE BR. PORTAGE R.(HEADWATERS TO ROCKY FORD)	96	MB	8.7		10.9		
OH77 6	[16-104 - URM: 10.70 - LRM: 0.00] - NEEDLES CREEK	96	MB		10.7			
OH77 8	[16-105 - URM: 24.37 - LRM: 0.00] - EAST BRANCH PORTAGE RIVER	96	MB			1.8	22.5	
OH77 9	[16-100 - URM: 19.60 - LRM: 7.87] - SOUTH BRANCH (HEADWATERS TO E. BR. PORTAGE R.)	96	MB			11.7		
OH77 10	[16-007 - URM: 25.80 - LRM: 0.00] - NORTH BRANCH PORTAGE RIVER	96	MB	14.7	2.0		9.1	
Subbasin Totals:				32.3	12.7	24.5	56.4	

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat-ened	Partial	Not Support.	
LOWER PORTAGE RIVER								
OH78 3	[16-001 - URM: 17.50 - LRM: 0.00] - PORTAGE RIVER (SUGAR CREEK TO LAKE ERIE)	96	MB	12.5			5.0	
OH78 4	[16-002 - URM: 9.10 - LRM: 0.00] - LITTLE PORTAGE RIVER	96	MB				3.8	5.3
OH78 8	[16-006 - URM: 17.80 - LRM: 0.00] - SUGAR CREEK	96	MB	8.9	8.8			
OH78 9	[16-001 - URM: 35.21 - LRM: 17.50] - PORTAGE RIVER (M. BR. PORTAGE R. TO SUGAR CREEK)	96	MB	22.1	1.0	0.2		-5.6
OH78 10.1	[16-217 - URM: 5.40 - LRM: 0.00] - LACARPE CREEK	94	MB				1.5	3.9
		Subbasin Totals:		43.5	9.8	0.2	10.3	
TYMOCHTEE CREEK								
OH79 9	[05-300 - URM: 26.74 - LRM: 5.36] - TYMOCHTEE CREEK (WARPOLE CR. TO L. TYMOCHTEE CR.)	88	EB			1.1	20.2	
		Subbasin Totals:				1.1	20.2	
UPPER SANDUSKY RIVER								
OH80 1	[05-001 - URM: 77.40 - LRM: 65.73] - SANDUSKY RIVER (ROCK RUN TO TYMOCHTEE CREEK)	92	MB			11.6		
OH80 4	[05-027 - URM: 4.10 - LRM: 0.00] - NEGRO RUN	92	MB	2.0				2.1
OH80 9	[05-001 - URM: 94.48 - LRM: 77.40] - SANDUSKY RIVER (BROKEN SWORD CREEK TO ROCK RUN)	92	MB			11.5	5.5	
OH80 10	[05-032 - URM: 7.00 - LRM: 0.00] - ROCK RUN	92	MB			2.0		5.0
OH80 13	[05-035 - URM: 32.00 - LRM: 0.00] - BROKEN SWORD CREEK	92	MB	2.0				30.0
OH80 13.1	[05-060 - URM: 2.45 - LRM: 0.00] - TRIB. TO BROKEN SWORD CREEK (NEVADA)	88	EC				2.4	
OH80 17	[05-001 - URM: 116.32 - LRM: 94.48] - SANDUSKY RIVER (UNNAMED TRIB. TO BROKEN SWORD CR.)	92	MB	7.8		10.8	3.2	
OH80 20	[05-001 - URM: 129.89 - LRM: 116.32] - SANDUSKY RIVER (HEADWATERS TO UNNAMED TRIB.)	88	EB			3.4	10.1	
OH80 22	[05-042 - URM: 9.60 - LRM: 0.00] - PARAMOUR CREEK	88	EB			0.2	9.4	
OH80 22.1	[05-059 - URM: 5.30 - LRM: 0.00] - PPG TRIB. TO PARAMOUR CREEK	88	MB	3.7			1.6	
OH80 23	[05-055 - URM: 6.16 - LRM: 0.00] - CRESTLINE WWTP TRIBUTARY	88	EB				6.1	
OH80 24	[05-056 - URM: 5.73 - LRM: 0.00] - CRESTLINE TRIBUTARY	88	EB				5.7	
		Subbasin Totals:		15.5		39.6	44.2	
MIDDLE SANDUSKY RIVER								
OH81 1	[05-001 - URM: 42.98 - LRM: 22.73] - SANDUSKY RIVER (BELLS RUN TO WOLF CREEK)	92	MB	18.0		2.0	0.2	
OH81 2	[05-010 - URM: 10.40 - LRM: 0.00] - SUGAR CREEK	90	MB	1.1		2.2	0.1	7.0
OH81 5	[05-013 - URM: 5.00 - LRM: 0.00] - WILLOW CREEK	88	EC	5.0				

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH81 6	[05-014 - URM: 19.60 - LRM: 0.00] - ROCK CREEK	88	EC	19.6				
OH81 11	[05-200 - URM: 14.52 - LRM: 0.00] - HONEY CREEK (SILVER CREEK TO SANDUSKY RIVER)	88	MB	14.5				
OH81 13	[05-200 - URM: 32.55 - LRM: 14.52] - HONEY CREEK (BROKEN KNIFE CREEK TO SILVER CREEK)	88	EB				18.0	
OH81 21	[05-200 - URM: 41.92 - LRM: 32.55] - HONEY CREEK (HEADWATERS TO BROKEN KNIFE CREEK)	88	MB	1.1		6.4		1.8
OH81 22	[05-209 - URM: 9.00 - LRM: 0.00] - BROKENKNIFE CREEK	88	EC	7.5				1.5
OH81 22.1	[05-210 - URM: 2.66 - LRM: 0.00] - KIBLER DITCH (NEW WASHINGTON)	96	EC					2.6
OH81 23	[05-001 - URM: 57.71 - LRM: 42.90] - SANDUSKY RIVER (SYCAMORE CREEK TO BELLS RUN)	92	MB	9.3		5.5		
OH81 28	[05-001 - URM: 65.73 - LRM: 57.71] - SANDUSKY RIVER (TYMOCHTEE CREEK TO SYCAMORE CREEK)	92	MB			8.0		
Subbasin Totals:				76.1		24.1	18.3	
LOWER SANDUSKY RIVER								
OH82 1	[05-001 - URM: 22.73 - LRM: 0.00] - SANDUSKY RIVER (WOLF CREEK TO LAKE ERIE)	92	MB	4.7		17.0	1.0	
OH82 2	[05-100 - URM: 19.30 - LRM: 0.00] - GREEN CREEK	88	EC	19.3				
OH82 14	[05-004 - URM: 7.50 - LRM: 0.00] - INDIAN CREEK	88	EC	7.5				
OH82 15	[05-005 - URM: 23.90 - LRM: 0.00] - WOLF CREEK	94	MB		1.9		0.7	21.3
OH82 21	[05-219 - URM: 20.06 - LRM: 0.00] - MUDDY CREEK (GRIES DITCH TO SANDUSKY BAY)	88	EB	2.8		11.1	6.1	
OH82 21.1	[05-223 - URM: 12.14 - LRM: 0.00] - GRIES DITCH	88	EB			3.0		9.1
OH82 22	[05-220 - URM: 12.40 - LRM: 0.00] - LITTLE MUDDY CREEK	88	EB					12.4
OH82 23	[05-219 - URM: 38.00 - LRM: 20.06] - MUDDY CREEK (HEADWATERS TO GRIES DITCH)	88	MB	6.0		3.2		8.7
Subbasin Totals:				40.3	1.9	34.3	7.8	
LAKE ERIE TRIBS SANDUSKY R. TO VERMILION R.								
OH83 1	[05-052 - URM: 14.87 - LRM: 0.00] - PIPE CREEK	88	EB			1.5	1.1	12.2
OH83 3	[05-051 - URM: 11.66 - LRM: 0.00] - MILLS CREEK	88	EB				11.6	
OH83 3.3	[05-058 - URM: 5.70 - LRM: 0.00] - CASWELL DITCH	88	EB			5.7		
OH83 3.4	[05-057 - URM: 5.52 - LRM: 0.00] - SNYDERS DITCH	88	EB				5.5	
OH83 7	[05-046 - URM: 7.20 - LRM: 0.00] - PICKEREL CREEK	88	MB			6.2	1.0	
OH83 11	[05-045 - URM: 14.90 - LRM: 0.00] - RACCOON CREEK	88	EB				11.9	3.0
OH83 11.1	[05-053 - URM: 7.29 - LRM: 0.00] - LITTLE RACCOON CREEK	88	EB	1.5			3.4	2.3
OH83 11.2	[05-054 - URM: 7.26 - LRM: 0.00] - BUCK CREEK	88	EB	0.5			4.5	2.2

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat-ened	Partial	Not Support.	
		Subbasin Totals:		2.0		13.4	39.0	
VERMILION RIVER								
OH84 1	[12-001 - URM: 14.70 - LRM: 0.00] - HURON RIVER	88	EB	2.4		2.0	10.3	
OH84 3	[12-102 - URM: 10.88 - LRM: 0.00] - RATTLESNAKE CREEK	88	EB				2.4	8.4
OH84 3.1	[12-104 - URM: 2.90 - LRM: 0.00] - TRIB. TO RATTLESNAKE CREEK (RM 0.3)	88	EB				6.0	-3.1
OH84 5	[12-103 - URM: 11.43 - LRM: 0.00] - NORWALK CREEK	88	EB				1.8	9.6
OH84 7	[12-100 - URM: 30.64 - LRM: 6.28] - EAST BRANCH HURON R. (HEADWATERS TO NORWALK CR.)	88	EB	1.9		4.9		17.5
OH84 8	[12-200 - URM: 10.52 - LRM: 0.00] - WEST BRANCH HURON R. (SLATE RUN TO EAST BRANCH)	88	EB	2.5				8.0
OH84 14	[12-206 - URM: 19.50 - LRM: 0.00] - SLATE RUN	88	MB			19.5		
OH84 20	[12-200 - URM: 53.20 - LRM: 35.84] - WEST BRANCH HURON RIVER (HEADWATERS TO MARSH RUN)	88	EB	3.2			4.8	9.3
OH84 20.1	[12-212 - URM: 3.55 - LRM: 0.00] - TRIB. TO WEST BRANCH HURON RIVER (RM 48.05)	88	EB				3.5	
		Subbasin Totals:		10.0		26.4	28.8	
HURON RIVER								
OH85 3	[20-003 - URM: 12.20 - LRM: 0.00] - BEAVER CREEK	94	MB			2.4	6.9	2.9
OH85 7	[21-001 - URM: 15.90 - LRM: 0.00] - VERMILION RIVER (EAST FORK TO LAKE ERIE)	88	MB	13.9				2.0
OH85 10	[21-003 - URM: 15.60 - LRM: 0.00] - EAST BRANCH VERMILION RIVER	88	EC					15.6
OH85 11	[21-008 - URM: 5.50 - LRM: 0.00] - SKELLINGER CREEK	88	EC				5.5	
OH85 12	[21-001 - URM: 47.70 - LRM: 29.60] - VERMILION RIVER (SOUTHWEST BRANCH TO EAST BRANCH)	88	MB		14.9	3.2		
OH85 14	[21-005 - URM: 10.40 - LRM: 0.00] - SOUTHWEST BRANCH	88	EB	3.4		6.5	0.5	
OH85 15	[21-001 - URM: 65.00 - LRM: 47.70] - VERMILION RIVER (HEADWATERS TO SOUTHWEST BRANCH)	88	MB	1.5		8.0	7.8	
OH85 16	[21-006 - URM: 8.30 - LRM: 0.00] - BUCK CREEK	88	EB			1.1	7.2	
OH85 17	[21-007 - URM: 5.20 - LRM: 0.00] - CLEAR CREEK	88	MB	2.2		3.0		
OH85 18.1	[12-011 - URM: 1.45 - LRM: 0.00] - TRIB. TO LAKE ERIE (BLUEBIRD BEACH)	88	EC				1.4	
OH85 18.2	[12-012 - URM: 2.02 - LRM: 0.00] - TRIB. TO LAKE ERIE (BEULAH BEACH)	88	EC	2.0				
OH85 18.3	[12-013 - URM: 2.17 - LRM: 0.00] - TRIB. TO LAKE ERIE (HEIDELBURG BEACH)	88	EC	2.1				
OH85 19	[12-010 - URM: 0.80 - LRM: 0.00] - SHEROD CREEK	88	EC	0.8				
OH85 20	[12-009 - URM: 1.50 - LRM: 0.00] - DARBY CREEK	88	EC	1.5				
OH85 21	[12-008 - URM: 3.80 - LRM: 0.00] - SUGAR CREEK	88	EC	3.8				

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH85 22	[12-007 - URM: 10.80 - LRM: 0.00] - CHAPPEL CREEK	88	EC	10.8				
OH85 23	[12-006 - URM: 1.60 - LRM: 0.00] - CRANBERRY CREEK	88	EC	1.6				
Subbasin Totals:				43.6	14.9	24.2	29.3	
BLACK RIVER								
OH86 2	[20-001 - URM: 15.65 - LRM: 0.00] - BLACK RIVER	94	MB	3.0		12.1	0.5	0.0
OH86 3	[20-002 - URM: 15.80 - LRM: 0.00] - FRENCH CREEK	94	MB	1.0			3.0	11.8
OH86 4	[20-010 - URM: 12.00 - LRM: 0.00] - EAST BRANCH (HILL SPAULDING DITCH TO W BR BLACK R)	94	MB	3.5	5.0	2.5	1.0	
OH86 4.1	[20-017 - URM: 2.22 - LRM: 0.00] - JACKSON DITCH	94	MB				2.0	0.2
OH86 5	[20-010 - URM: 24.39 - LRM: 12.00] - EAST BRANCH (CROW CR. TO HILL SPAULDING DITCH)	94	MB		6.0		6.3	
OH86 7	[20-010 - URM: 45.07 - LRM: 24.39] - EAST BRANCH BLACK R. (W. FK. E. BR. TO CROW CR.)	94	MB			10.6	10.0	
OH86 7.1	[20-031 - URM: 7.65 - LRM: 0.00] - TRIB. TO EAST BRANCH BLACK R. (RM 39.06)	96	MB	7.6				0.0
OH86 10	[20-014 - URM: 9.30 - LRM: 0.00] - EAST FORK EAST BRANCH BLACK RIVER	94	MB	4.0				5.3
OH86 11	[20-015 - URM: 17.20 - LRM: 0.00] - WEST FORK EAST BRANCH BLACK RIVER	94	MB	2.0				15.2
OH86 13	[20-020 - URM: 14.59 - LRM: 0.00] - WEST BRANCH BLACK R. (ELK CR. TO E. BR. BLACK R.)	94	MB				14.5	0.0
OH86 13.1	[20-027 - URM: 5.40 - LRM: 0.00] - KELNER DITCH	96	MB			2.0		3.4
OH86 14	[20-021 - URM: 9.72 - LRM: 0.00] - PLUM CREEK	96	MB			1.0	8.7	0.0
OH86 15	[20-022 - URM: 5.70 - LRM: 0.00] - ELK CREEK	96	MB			2.0		3.7
OH86 16	[20-023 - URM: 17.60 - LRM: 0.00] - WELLINGTON CREEK	96	MB				9.0	8.6
OH86 17	[20-020 - URM: 26.65 - LRM: 14.59] - WEST BRANCH BLACK R. (CHARLEMONT CR. TO ELK CR.)	94	MB				12.0	
OH86 17.1	[20-033 - URM: 8.75 - LRM: 0.00] - GUTHRIE CREEK	96	MB				1.0	7.7
OH86 18	[20-024 - URM: 11.50 - LRM: 0.00] - CHARLEMONT CREEK	96	MB			7.0	3.0	1.5
OH86 18.1	[20-036 - URM: 5.70 - LRM: 0.00] - TRIB. TO CHARLEMONT CREEK (RM 9.06)	96	MB				1.0	4.7
OH86 19	[20-020 - URM: 53.25 - LRM: 26.65] - WEST BRANCH BLACK R. (HEADWATERS TO CHARLEMONT CR)	96	MB				6.0	20.6
OH86 19.1	[20-034 - URM: 4.99 - LRM: 0.00] - TRIB. TO WEST BRANCH BLACK RIVER (RM 21.32)	96	MB				1.0	3.9
OH86 19.2	[20-035 - URM: 6.63 - LRM: 0.00] - EAST CREEK	96	MB			1.0		5.6
OH86 20	[20-025 - URM: 7.50 - LRM: 0.00] - BUCK CREEK	96	MB				2.0	5.5
Subbasin Totals:				21.1	11.0	38.2	81.1	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat- ened	Partial		
ROCKY RIVER								
OH87 2	[13-001 - URM: 12.07 - LRM: 0.00] - ROCKY RIVER	94	MB		0.9	7.6	3.5	0.0
OH87 3	[13-002 - URM: 7.40 - LRM: 0.00] - ABRAM CREEK	94	MB				2.0	5.4
OH87 4	[13-100 - URM: 17.00 - LRM: 0.00] - EAST BRANCH ROCKY RIVER (HEALEY CREEK TO ROCKY R.)	94	MB	11.0		1.0	5.0	
OH87 5	[13-101 - URM: 9.20 - LRM: 0.00] - BALDWIN CREEK	94	MB			2.2	7.0	
OH87 5.1	[13-108 - URM: 2.00 - LRM: 0.00] - TRIB. TO BALDWIN CREEK (RM 6.0)	88	EC	0.5				1.5
OH87 7	[13-103 - URM: 3.30 - LRM: 0.00] - NORTH ROYALTON "A" TRIB.	94	MB				1.4	1.9
OH87 8	[13-100 - URM: 34.50 - LRM: 17.00] - EAST BRANCH ROCKY RIVER (HEADWATERS TO HEALEY CR.)	94	MB	9.4		0.3		7.8
OH87 8.1	[13-105 - URM: 3.17 - LRM: 0.00] - TRIB. TO E. BR. ROCKY R. (MEDINA #9)	88	EC	0.5				2.6
OH87 8.2	[13-107 - URM: 2.96 - LRM: 0.00] - TRIB. TO E. BR. ROCKY RIVER (RM 29.1)	88	EC	0.5				2.4
OH87 9	[13-104 - URM: 5.75 - LRM: 0.00] - HEALEY CREEK	88	EB	1.1		0.1		4.5
OH87 10	[13-200 - URM: 3.10 - LRM: 0.00] - WEST BRANCH ROCKY RIVER (PLUM CR. TO EAST BRANCH)	94	MB			1.4	1.7	
OH87 10.1	[13-217 - URM: 4.51 - LRM: 0.00] - TRIB. TO W. BR. ROCKY R. (RM 1.78)	88	EC	0.5				4.0
OH87 10.11	[13-216 - URM: 1.45 - LRM: 0.00] - TRIB. TO TRIB. TO W. BR. ROCKY R. (RM 1.78)	88	EC	0.5				0.9
OH87 11	[13-201 - URM: 14.80 - LRM: 0.00] - PLUM CREEK	94	MB				0.5	14.3
OH87 12	[13-200 - URM: 19.60 - LRM: 3.10] - WEST BRANCH ROCKY RIVER (COSSETT CR. TO PLUM CR.)	94	MB	13.1		2.5	0.9	
OH87 13	[13-209 - URM: 4.88 - LRM: 0.00] - STRONGSVILLE "A" TRIB.	94	MB				1.0	3.8
OH87 14	[13-202 - URM: 8.20 - LRM: 0.00] - BAKER CREEK	94	MB			1.0		7.2
OH87 15	[13-200 - URM: 34.00 - LRM: 19.59] - WEST BRANCH ROCKY RIVER (NORTH BR. TO COSSETT CR.)	94	MB	14.4				
OH87 15.1	[13-212 - URM: 6.08 - LRM: 0.00] - CHAMPION CREEK	88	EC	0.5				5.5
OH87 17	[13-204 - URM: 11.40 - LRM: 0.00] - MALLET CREEK	94	MB			1.0		10.4
OH87 18	[13-210 - URM: 0.74 - LRM: 0.00] - MONTVILLE LANDFILL TRIBUTARY	88	EC				3.0	-2.2
OH87 18.1	[13-213 - URM: 0.36 - LRM: 0.00] - EAST BRANCH MONTVILLE LANDFILL TRIB.	88	EC				0.3	
OH87 18.2	[13-214 - URM: 2.10 - LRM: 0.00] - WEST BRANCH MONTVILLE LANDFILL TRIB.	88	EC				0.5	1.6
OH87 19	[13-205 - URM: 5.79 - LRM: 0.00] - NORTH BRANCH ROCKY RIVER	94	MB	1.0				4.7
OH87 20	[13-206 - URM: 7.10 - LRM: 0.00] - PLUM CREEK	88	EB				2.9	4.2
OH87 21.1	[13-211 - URM: 4.70 - LRM: 0.00] - TRIB. TO GRANGER DITCH (MEDINA #11)	88	EC				0.5	4.2

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH87 24.1	[- - URM: 0.00 - LRM: 0.00] -	88	EC	0.5				-0.5
UPPER CUYAHOGA RIVER		Subbasin Totals:		53.5	0.9	17.1	30.2	
OH88 1	[19-030 - URM: 11.00 - LRM: 0.00] - L. CUYAHOGA R. (WINGFOOT LAKE OUT. TO CUYAHOGA R.)	94	MB				11.0	
OH88 1.1	[19-051 - URM: 4.48 - LRM: 0.00] - CAMP CREEK	88	EB				1.6	2.8
OH88 1.2	[19-049 - URM: 5.84 - LRM: 0.00] - OHIO CANAL	88	EB				4.3	1.5
OH88 2	[19-031 - URM: 3.56 - LRM: 0.00] - SPRINGFIELD LAKE OUTLET	88	EB				3.5	
OH88 3	[19-032 - URM: 3.42 - LRM: 0.00] - WINGFOOT LAKE OUTLET	88	EB				3.4	
OH88 4	[19-030 - URM: 17.40 - LRM: 11.00] - L. CUYAHOGA R. (HEADWATERS TO WINGFOOT LAKE OUT.)	88	EB			0.5	1.2	4.7
OH88 4.1	[19-050 - URM: 3.05 - LRM: 0.00] - UNION OIL TRIB.	88	MB			1.6		1.4
OH88 5	[19-001 - URM: 56.80 - LRM: 42.30] - CUYAHOGA RIVER (CONGRESS LAKE OUT. TO L. CUYAHOGA)	94	MB	5.3		7.2	0.4	1.6
OH88 6	[19-026 - URM: 5.40 - LRM: 0.00] - FISH CREEK	94	MB				0.9	4.5
OH88 8	[19-028 - URM: 18.50 - LRM: 0.00] - BREAKNECK CREEK	88	EB	2.0		15.8	0.7	
OH88 8.1	[19-044 - URM: 3.23 - LRM: 0.00] - BRIMFIELD DITCH	88	EB				0.5	2.7
OH88 9	[19-042 - URM: 2.15 - LRM: 0.00] - WAHOO DITCH	88	EB				2.1	
OH88 9.1	[19-059 - URM: 1.60 - LRM: 0.00] - TRIB. TO WAHOO DITCH (RAVENNA WWTP)	92	MC			1.6		
OH88 10	[19-029 - URM: 10.00 - LRM: 0.00] - POTTER CREEK	88	MB	0.5			0.5	9.0
OH88 11	[19-001 - URM: 76.64 - LRM: 56.82] - CUYAHOGA RIVER (BLACK BROOK TO CONGESS LAKE OUT.)	94	MB	12.7				7.1
OH88 13	[19-001 - URM: 101.10 - LRM: 76.64] - CUYAHOGA RIVER (HEADWATERS TO BLACK BROOK)	94	MB			3.3	6.9	14.2
OH88 13.1	[19-061 - URM: 5.20 - LRM: 0.00] - DEIDRICH CREEK	92	MB	1.0				4.2
OH88 16	[19-036 - URM: 14.60 - LRM: 0.00] - WEST BRANCH CUYAHOGA RIVER	96	MB	7.4		1.2	6.0	
OH88 17	[19-037 - URM: 4.60 - LRM: 0.00] - BUTTERNUT CREEK	96	MB				2.0	2.6
OH88 19	[19-038 - URM: 8.00 - LRM: 0.00] - TARE CREEK	94	MB			1.0	2.6	4.4
LOWER CUYAHOGA RIVER		Subbasin Totals:		28.9		32.2	47.7	
OH89 1	[19-001 - URM: 7.20 - LRM: 0.00] - CUYAHOGA RIVER (BIG CREEK TO LAKE ERIE)	94	MB				1.6	5.6
OH89 1	[19-001 - URM: 7.20 - LRM: 0.00] - CUYAHOGA RIVER (BIG CREEK TO LAKE ERIE)	94	MB				5.6	1.6
OH89 2	[19-002 - URM: 9.50 - LRM: 0.00] - KINGSBURY RUN	88	EC				0.5	9.0

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WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH89 5	[19-005 - URM: 12.00 - LRM: 0.00] - BIG CREEK	94	MB				1.0	11.0
OH89 5.1	[19-045 - URM: 8.75 - LRM: 0.00] - FORD BRANCH BIG CREEK	88	EB				5.0	3.7
OH89 6	[19-001 - URM: 16.40 - LRM: 7.20] - CUYAHOGA RIVER (TINKERS CREEK TO BIG CREEK)	94	MB				9.2	
OH89 7	[19-006 - URM: 12.20 - LRM: 0.00] - MILL CREEK	94	MB				2.0	10.2
OH89 8	[19-007 - URM: 22.50 - LRM: 0.00] - TINKERS CREEK (POND BROOK TO CUYAHOGA RIVER)	94	MB				22.5	
OH89 8.1	[19-043 - URM: 4.35 - LRM: 0.00] - WOOD CREEK	94	MB				1.0	3.3
OH89 8.2	[19-048 - URM: 3.80 - LRM: 0.00] - DEER LICK RUN	88	EB				3.0	0.8
OH89 8.3	[19-046 - URM: 5.95 - LRM: 0.00] - BEAVER MEADOW CREEK	94	MB				1.1	4.8
OH89 9	[19-007 - URM: 29.20 - LRM: 22.51] - TINKERS CREEK (HEADWATERS TO POND BROOK)	94	MB			0.6	6.0	
OH89 9.1	[19-047 - URM: 3.26 - LRM: 0.00] - STREETSBORO TRIB. TO TINKERS CREEK	88	EB				0.5	2.7
OH89 10	[19-008 - URM: 6.00 - LRM: 0.00] - POND BROOK	94	MB				4.8	1.2
OH89 10.1	[19-054 - URM: 4.10 - LRM: 0.00] - TRIB. TO POND BROOK (RM 1.57)	88	EC	0.5				3.6
OH89 11	[19-001 - URM: 24.20 - LRM: 16.40] - CUYAHOGA RIVER (BRANDYWINE CREEK TO TINKERS CREEK)	94	MB				7.8	
OH89 12	[19-009 - URM: 8.20 - LRM: 0.00] - CHIPPEWA CREEK	88	EB				0.5	7.7
OH89 12.1	[19-069 - URM: 3.80 - LRM: 0.00] - TRIB. TO CHIPPEWA CREEK (RM 6.36)	96	MB		2.4		1.4	
OH89 13	[19-010 - URM: 11.50 - LRM: 0.00] - BRANDYWINE CREEK	94	MB				1.0	10.5
OH89 13.1	[19-055 - URM: 5.05 - LRM: 0.00] - INDIAN CREEK	88	EC	0.5				4.5
OH89 14	[19-001 - URM: 37.20 - LRM: 24.20] - CUYAHOGA RIVER (YELLOW CREEK TO BRANDYWINE CREEK)	94	MB				13.0	
OH89 24	[19-020 - URM: 10.40 - LRM: 0.00] - FURNACE RUN	94	MB	1.0				9.4
OH89 25	[19-021 - URM: 10.30 - LRM: 0.00] - YELLOW CREEK	94	MB		2.4			7.9
OH89 26	[19-022 - URM: 6.40 - LRM: 0.00] - NORTH FORK YELLOW CREEK	94	MB	6.1				0.3
OH89 27	[19-001 - URM: 42.30 - LRM: 37.20] - CUYAHOGA RIVER (LITTLE CUYAHOGA R. TO YELLOW CR.)	94	MB				5.1	
OH89 29	[19-024 - URM: 11.00 - LRM: 0.00] - MUD BROOK	88	EB				11.0	
OH89 30	[19-025 - URM: 4.90 - LRM: 0.00] - POWERS BROOK	88	EB				1.3	3.6
		Subbasin Totals:		8.1	4.8	0.6	104.9	
LAKE ERIE TRIBS (CHAGRIN RIVER)								
OH90 5	[15-001 - URM: 5.00 - LRM: 0.00] - CHAGRIN RIVER (EAST BRANCH TO LAKE ERIE)	90	MB				5.0	
OH90 6	[15-002 - URM: 19.40 - LRM: 0.00] - EAST BRANCH CHAGRIN RIVER	96	MB		19.4			

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment				Not Assess.
				Fully	Threat- ened	Partial	Not Support.	
OH90 7	[15-001 - URM: 27.10 - LRM: 5.00] - CHAGRIN RIVER (AURORA BRANCH TO EAST BRANCH)	90	MB		14.6	7.5		
OH90 7.1	[15-011 - URM: 2.88 - LRM: 0.00] - CAVES CREEK	88	MB	0.5				2.3
OH90 9	[15-004 - URM: 5.58 - LRM: 0.00] - WILLEY CREEK	88	EC		0.5		0.5	4.5
OH90 10	[15-005 - URM: 18.44 - LRM: 0.00] - AURORA BRANCH	94	MB		7.6	3.8	0.4	6.6
OH90 12	[15-001 - URM: 51.47 - LRM: 27.09] - CHAGRIN RIVER (HEADWATERS TO AURORA BRANCH)	94	MB		22.4	0.5		1.4
OH90 16	[19-041 - URM: 9.50 - LRM: 0.00] - EUCLID CREEK	90	MB				9.5	
OH90 16.1	[19-056 - URM: 9.02 - LRM: 0.00] - EAST BRANCH EUCLID CREEK	90	MB			5.0		4.0
Subbasin Totals:				0.5	64.5	16.8	15.4	
UPPER GRAND RIVER								
OH91 1	[03-130 - URM: 9.64 - LRM: 0.00] - ROCK CREEK (LEBANON CREEK TO GRAND RIVER)	88	EB	0.9		0.2	1.5	7.0
OH91 5	[03-134 - URM: 6.20 - LRM: 0.00] - LEBANON CREEK	88	EC				0.5	5.7
OH91 14	[03-001 - URM: 75.89 - LRM: 60.23] - GRAND RIVER (COFFEE CREEK TO HOSKINS CREEK)	88	MB	0.5				15.1
OH91 24	[03-021 - URM: 6.40 - LRM: 0.00] - COFFEE CREEK	88	EC	6.4				
OH91 25	[03-001 - URM: 84.90 - LRM: 75.89] - GRAND RIVER (MUD CREEK TO COFFEE CREEK)	88	MB	9.0				
OH91 26	[03-022 - URM: 9.80 - LRM: 0.00] - BAUGHMAN CREEK	88	MB	9.8				
OH91 28	[03-001 - URM: 102.70 - LRM: 84.90] - GRAND RIVER (HEADWATERS TO MUD CREEK)	88	EB	1.9		10.7	1.0	4.2
Subbasin Totals:				28.5		10.9	3.0	
LOWER GRAND RIVER								
OH92 1	[03-001 - URM: 14.31 - LRM: 0.00] - GRAND RIVER (PAINE CREEK TO LAKE ERIE)	96	MB	10.3		1.0		3.0
OH92 1	[03-001 - URM: 14.31 - LRM: 0.00] - GRAND RIVER (PAINE CREEK TO LAKE ERIE)	90	MB	6.3		2.8	0.2	5.0
OH92 1	[03-001 - URM: 14.31 - LRM: 0.00] - GRAND RIVER (PAINE CREEK TO LAKE ERIE)	90	MB	0.8		4.2		9.3
OH92 2	[- - URM: 0.00 - LRM: 0.00] -	88	EC	1.0				-1.0
OH92 7	[03-100 - URM: 17.20 - LRM: 0.00] - BIG CREEK	88	EB	9.5		0.3	6.5	0.9
OH92 16	[03-001 - URM: 23.58 - LRM: 14.31] - GRAND RIVER (MILL CREEK TO PAINE CREEK)	88	EB	1.0		8.2		
OH92 20	[03-001 - URM: 41.28 - LRM: 23.58] - GRAND RIVER (MILL CREEK TO MILL CREEK)	88	MB	17.7				
OH92 23	[03-120 - URM: 19.55 - LRM: 0.00] - MILL CREEK (ASKUE RUN TO GRAND RIVER)	88	EB			0.5	0.5	18.5
OH92 24	[03-124 - URM: 6.32 - LRM: 0.00] - CEMETERY CREEK	88	EB				2.5	3.8
Subbasin Totals:				46.6		17.0	9.7	

Appendix A-1. Aquatic life attainment status of Ohio stream and river waterbodies. Impaired miles are shaded.

WB ID#	Waterbody Name	Assess. Cycle	Assess. Category	Use Attainment			Not Support.	Not Assess.
				Fully	Threat-ened	Partial		
ASHTABULA RIVER AND CONNEAUT CREEK								
OH93 2	[07-200 - URM: 1.30 - LRM: 0.00] - TURKEY CREEK	88	EC				1.3	
OH93 3	[07-100 - URM: 23.83 - LRM: 0.00] - CONNEAUT CREEK (OH./PA. BORDER TO LAKE ERIE)	92	MB	22.3	1.0		0.5	
OH93 5	[07-001 - URM: 27.54 - LRM: 0.00] - ASHTABULA RIVER	92	MB	26.2			1.3	
OH93 6	[07-010 - URM: 4.60 - LRM: 0.00] - FIELDS BROOK	88	EC				4.6	
OH93 7	[07-013 - URM: 1.34 - LRM: 0.00] - STRONG BROOK	92	MC				1.3	
OH93 10	[07-004 - URM: 16.50 - LRM: 0.00] - WEST BRANCH ASHTABULA RIVER	88	MB	1.9				14.6
OH93 16	[07-007 - URM: 10.50 - LRM: 0.00] - COWLES CREEK	88	EB	5.7			4.8	
		Subbasin Totals:		56.1	1.0		13.8	
Assessment Categories - MB: Monitored-level data with bioassay information; EB: Evaluated-level data with bioassay information; MC: Monitored-level data with chemistry data only, no bioassay information; EC: Evaluated-level data with chemistry data only, no bioassay information.								

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
UPPER MAHONING RIVER			
[18-001] - MAHONING RIVER (WEST BRANCH TO DUCK CREEK) - Segment Length: 9.90 miles			
OH 1 1	96	Other habitat alterations - [H] Pathogens - [M] Organic enrichment/DO - [H]	Flow regulation/modification - [H] Agriculture - [S] Channelization - [M] Dam construction - [H]
[18-040] - EAGLE CREEK (SOUTH FORK EAGLE CR. TO MAHONING R.) - Segment Length: 10.90 miles			
OH 1 3	96	Other habitat alterations - [M]	Flow regulation/modification - [M]
[18-043] - SOUTH FORK EAGLE CREEK - Segment Length: 9.00 miles			
OH 1 6	88	Other habitat alterations - [H] Siltation - [M]	Dam construction - [H]
[18-040] - EAGLE CREEK (HEADWATERS TO SOUTH FORK EAGLE CREEK) - Segment Length: 14.10 miles			
OH 1 8	88	Organic enrichment/DO - [H] Chlorine - [H] Unionized Ammonia - [H]	Municipal Point Sources - [H]
[18-065] - HIRAM TRIB. - Segment Length: 1.70 miles			
OH 1 11	88	Organic enrichment/DO - [H] Unionized Ammonia - [H]	Municipal Point Sources - [H]
[18-050] - WEST BRANCH MAHONING RIVER - Segment Length: 13.20 miles			
OH 1 14	96	Other habitat alterations - [H]	Channelization - [H] Flow regulation/modification - [H]
[18-001] - MAHONING RIVER (MILTON DAM TO WEST BRANCH) - Segment Length: 8.10 miles			
OH 1 20	96	Other habitat alterations - [H] Suspended solids - [H] Flow alteration - [H] Organic enrichment/DO - [H] Turbidity - [H]	Minor Municipal Point Source - [M] Flow regulation/modification - [H] Dam construction - [H] - [H]
[18-001] - MAHONING RIVER (HEADWATERS TO BEECH CREEK) - Segment Length: 28.00 miles			
OH 1 30	96	Priority organics - [M] Metals - [H] Nutrients - [S] Pathogens - [S] Cause Unknown - [H] Siltation - [M]	Minor Industrial Point Source - [H] Minor Municipal Point Source - [H] Spills - [H] Contaminated sediments - [H] Pasture land - [M] Source Unknown - [H] Agriculture - [M]
[18-066] - NAYLOR DITCH (SEBRING) - Segment Length: 6.60 miles			
OH 1 30.1	88	Metals - [H]	Industrial Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [H]
[18-063] - FISH CREEK - Segment Length: 4.20 miles			
OH 1 33	88	Organic enrichment/DO - [H] Unionized Ammonia - [H]	Municipal Point Sources - [H]
LOWER MAHONING RIVER			
[18-001] - MAHONING RIVER (YELLOW CREEK TO PA.) - Segment Length: 3.96 miles			
OH 2 1	96	Priority organics - [M] Pesticides - [M] Metals - [H]	Major Municipal Point Source - [M] Minor Municipal Point Source - [S] Flow regulation/modification - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Chlorine - [S]	Contaminated sediments - [M]
		Pathogens - [H]	Landfills - [S]
		Suspended solids - [S]	
		Nutrients - [H]	
		Organic enrichment/DO - [H]	
[18-007] - YELLOW CREEK - Segment Length: 11.10 miles			
OH 2 5	96	Cause Unknown - [M]	Source Unknown - [M]
[18-001] - MAHONING RIVER (MILL CREEK TO YELLOW CREEK) - Segment Length: 6.28 miles			
OH 2 7	96	Other habitat alterations - [M]	Major Municipal Point Source - [M]
		Priority organics - [H]	Combined Sewer Overflow - [H]
		Metals - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Oil and grease - [M]	Flow regulation/modification - [M]
		Nutrients - [M]	Spills - [H]
		Organic enrichment/DO - [H]	Contaminated sediments - [M]
		Pathogens - [H]	Dam construction - [H]
[18-010] - DRY RUN - Segment Length: 7.10 miles			
OH 2 9	96	Cause Unknown - [H]	Source Unknown - [H]
[18-020] - MILL CREEK - Segment Length: 20.90 miles			
OH 2 12	96	Nutrients - [H]	Major Municipal Point Source - [H]
		Metals - [S]	Urban Runoff/Storm Sewers (NPS) - [H]
		Unionized Ammonia - [H]	Agriculture - [H]
		Nutrients - [S]	Flow regulation/modification - [S]
		Flow alteration - [M]	Channelization - [H]
		Organic enrichment/DO - [H]	Dam construction - [H]
		Siltation - [H]	Combined Sewer Overflow - [H]
		Other habitat alterations - [M]	
[18-021] - BEARS DEN RUN - Segment Length: 4.10 miles			
OH 2 13	96	Nutrients - [M]	Other - [H]
		Metals - [H]	Source Unknown - [H]
[18-022] - AX FACTORY RUN - Segment Length: 4.00 miles			
OH 2 14	96	Metals - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Nutrients - [M]	Source Unknown - [H]
[18-023] - ANDERSONS RUN - Segment Length: 4.50 miles			
OH 2 15	96	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Metals - [H]	Source Unknown - [H]
[18-024] - CRANBERRY RUN - Segment Length: 1.60 miles			
OH 2 16	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
[18-025] - INDIAN RUN - Segment Length: 4.80 miles			
OH 2 17	96	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Metals - [H]	Source Unknown - [H]
[18-026] - SAW MILL RUN - Segment Length: 2.40 miles			
OH 2 18	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[18-001] - MAHONING RIVER (MEANDER CREEK TO MILL CREEK) - Segment Length: 8.60 miles			
OH 2 20	96	Priority organics - [H]	Major Industrial Point Source - [H]
		Metals - [H]	Major Municipal Point Source - [S]
		Nutrients - [S]	Spills - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Thermal modifications - [H] Pesticides - [S] Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
[18-015] - MEANDER CREEK - Segment Length: 20.40 miles			
OH 2 23	96	Metals - [H] Unionized Ammonia - [H] Nutrients - [H] Organic enrichment/DO - [H] Flow alteration - [M] Other habitat alterations - [H] Suspended solids - [H]	Major Municipal Point Source - [H] - [M] Dam construction - [H]
[18-030] - MOSQUITO CREEK (MOSQUITO CR. RES. TO MAHONING R.) - Segment Length: 12.49 miles			
OH 2 27	96	Suspended solids - [H]	Minor Industrial Point Source - [H] Major Municipal Point Source - [H] - [H]
[18-030] - MOSQUITO CREEK (HEADWATERS TO MOSQUITO CR. RES.) - Segment Length: 23.20 miles			
OH 2 31	88	Flow alteration - [H]	Flow regulation/modification - [H]
[18-001] - MAHONING RIVER (DUCK CREEK TO MEANDER CREEK) - Segment Length: 15.30 miles			
OH 2 35	96	Priority organics - [H] Metals - [H] Unionized Ammonia - [S] Chlorine - [H] Nutrients - [M] Pathogens - [M] Oil and grease - [H] Cause Unknown - [H]	Major Industrial Point Source - [H] Minor Industrial Point Source - [H] Major Municipal Point Source - [S] Urban Runoff/Storm Sewers (NPS) - [M] Spills - [M] Contaminated sediments - [M] Hazardous waste - [H] Source Unknown - [H]
[18-028] - RED RUN - Segment Length: 4.70 miles			
OH 2 37	88	Metals - [H] Unionized Ammonia - [H]	Industrial Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [H]
[18-067] - TRIB. TO RED RUN (WARREN) - Segment Length: 2.17 miles			
OH 2 37.1	88	Metals - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
PYMATUNING CREEK			
[18-504] - LITTLE YANKEE RUN - Segment Length: 13.20 miles			
OH 3 1	96	Metals - [S] Chlorine - [S] Nutrients - [H] Flow alteration - [M]	Major Municipal Point Source - [H] Urban Runoff/Storm Sewers (NPS) - [M] Hydromodification - [M] Natural - [M] Urban Runoff/Storm Sewers (NPS) - [H]
[18-505] - LITTLE DEER CREEK - Segment Length: 6.90 miles			
OH 3 2	96	Organic enrichment/DO - [S] Flow alteration - [S] Other habitat alterations - [H]	Natural - [S] Source Unknown - [H]
[18-506] - YANKEE RUN - Segment Length: 14.80 miles			
OH 3 3	96	Nutrients - [H] Cause Unknown - [M] Organic enrichment/DO - [S] Chlorine - [S]	Major Municipal Point Source - [H] - [H] Hydromodification - [M] Natural - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Metals - [S] Salinity/TDS/chlorides - [S] Flow alteration - [H] Other habitat alterations - [H]	
[-] - Segment Length: 0.00 miles			
OH 3 3.1	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
[18-550] - PYMATUNING CREEK (SHENANGO RESERVOIR TO PA.) - Segment Length: 19.79 miles			
OH 3 6	96	Organic enrichment/DO - [H] Flow alteration - [H] Other habitat alterations - [H] Pathogens - [H]	Urban Runoff/Storm Sewers (NPS) - [H] Channelization - [H] Natural - [H]
[18-550] - PYMATUNING CREEK (HEADWATERS TO SHENANGO RES.) - Segment Length: 14.53 miles			
OH 3 10	96	Other habitat alterations - [H]	Natural - [H] Agriculture - [S]
LITTLE BEAVER CREEK			
[08-100] - NORTH FORK (BULL CREEK TO LITTLE BEAVER CREEK) - Segment Length: 6.07 miles			
OH 4 3	88	Unknown toxicity - [M] Metals - [H]	Industrial Point Sources - [H] Municipal Point Sources - [M]
[08-104] - LESLIE RUN - Segment Length: 7.20 miles			
OH 4 7	88	Metals - [H] Organic enrichment/DO - [M]	Industrial Point Sources - [H] Municipal Point Sources - [M]
[08-119] - TRIB. TO LESLIE RUN - Segment Length: 2.25 miles			
OH 4 7.1	88	Metals - [H] Organic enrichment/DO - [M]	Industrial Point Sources - [H]
[08-100] - NORTH FORK (PA. TO BULL CREEK) - Segment Length: 1.68 miles			
OH 4 10	88	Metals - [H] Nutrients - [H] Siltation - [S]	Industrial Point Sources - [H] Municipal Point Sources - [H] Surface Mining - [S]
[08-117] - WEST FORK STATELINE CREEK - Segment Length: 2.00 miles			
OH 4 11.3	88	Siltation - [H]	Surface Mining - [H]
[08-114] - HONEY CREEK - Segment Length: 12.00 miles			
OH 4 12	88	Organic enrichment/DO - [H] Siltation - [H]	Municipal Point Sources - [H] Surface Mining - [H]
[08-200] - MIDDLE FORK (MIDDLE RUN TO WEST FORK) - Segment Length: 8.57 miles			
OH 4 17	88	Pesticides - [T]	Contaminated sediments - [T]
[08-204] - MIDDLE RUN - Segment Length: 5.50 miles			
OH 4 21	88	Unionized Ammonia - [H]	Source Unknown - [H]
[08-200] - MIDDLE FORK (EAST BRANCH TO MIDDLE RUN) - Segment Length: 12.92 miles			
OH 4 22	88	Pesticides - [H] Organic enrichment/DO - [S] Pesticides - [T]	Contaminated sediments - [H] Municipal Point Sources - [S] Contaminated sediments - [T]
[08-205] - STONE MILL RUN - Segment Length: 4.80 miles			
OH 4 23	88	Pesticides - [T] Other habitat alterations - [T]	Contaminated sediments - [T] Land development/Suburbanization - [T]
[08-200] - MIDDLE FORK (HEADWATERS TO EAST BRANCH) - Segment Length: 21.11 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH 4 24	88	Pesticides - [H] Organic enrichment/DO - [M] Other habitat alterations - [S] Siltation - [S] Pesticides - [T]	Contaminated sediments - [H] Municipal Point Sources - [M] Pasture land - [S] Channelization - [S] Contaminated sediments - [T]
[08-206] - EAST BRANCH MIDDLE FORK - Segment Length: 9.50 miles			
OH 4 25	88	Other habitat alterations - [H]	Channelization - [H]
[08-207] - CHERRY VALLEY RUN - Segment Length: 9.45 miles			
OH 4 26	88	Organic enrichment/DO - [H] Siltation - [S]	Municipal Point Sources - [H] Surface Mining - [S]
[08-300] - WEST FORK (HEADWATERS TO BRUSH CREEK) - Segment Length: 8.12 miles			
OH 4 34	92	Cause Unknown - [T]	Source Unknown - [T]
[08-308] - CHEMLIME TRIB. - Segment Length: 1.75 miles			
OH 4 34.1	88	Unionized Ammonia - [H] Metals - [H]	Industrial land treatment - [H]
[08-310] - TRIB. TO W. FK. L. BEAVER CR. (RM 13.0) - Segment Length: 1.40 miles			
OH 4 34.2	88	Metals - [H]	Source Unknown - [H]
[08-309] - ROWLEY RUN - Segment Length: 3.90 miles			
OH 4 34.3	88	Unionized Ammonia - [H]	Source Unknown - [H]
CENTRAL TRIBS (YELLOW CREEK AND CROSS CREEK)			
[06-200] - CROSS CREEK (MCINTYRE CREEK TO OHIO RIVER) - Segment Length: 5.55 miles			
OH 5 1	88	Organic enrichment/DO - [H] Unionized Ammonia - [M] Metals - [M] Siltation - [S]	Municipal Point Sources - [H] Surface Mining - [M] Industrial Point Sources - [M]
[06-201] - DRY FORK - Segment Length: 5.75 miles			
OH 5 2	88	Organic enrichment/DO - [H] pH - [H] Metals - [M]	Municipal Point Sources - [H] Surface Mining - [H]
[06-216] - TRIBUTARY TO DRY FORK (RM 5.43) - Segment Length: 0.70 miles			
OH 5 2.1	88	pH - [M] Siltation - [H]	Surface Mining - [H]
[06-217] - WINTERSVILLE 'E' TRIB. - Segment Length: 1.05 miles			
OH 5 2.2	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[06-218] - WINTERSVILLE "D" TRIB. - Segment Length: 5.73 miles			
OH 5 2.3	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[06-200] - CROSS CREEK (SALEM CREEK TO MCINTYRE CREEK) - Segment Length: 11.89 miles			
OH 5 9	88	Siltation - [S] Metals - [M] pH - [H] Organic enrichment/DO - [S]	Municipal Point Sources - [S] Surface Mining - [H]
[06-209] - BARBERS HOLLOW - Segment Length: 4.10 miles			
OH 5 10	88	Metals - [S] Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[06-203] - CEDAR LICK CREEK - Segment Length: 5.60 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH 5 12	88	Organic enrichment/DO - [H] Metals - [M]	Municipal Point Sources - [H]
[06-200] - CROSS CREEK (HEADWATERS TO SALEM CREEK) - Segment Length: 9.99 miles			
OH 5 14	88	Metals - [M] Siltation - [H]	Surface Mining - [H]
[06-066] - WILLS CREEK - Segment Length: 6.20 miles			
OH 5 24	88	Siltation - [H]	Surface Mining - [H]
[06-900] - YELLOW CREEK (BRUSH CREEK TO OHIO RIVER) - Segment Length: 4.55 miles			
OH 5 38	88	Flow alteration - [H]	Dam construction - [H] Surface Mining - [S]
[06-910] - NORTH FORK YELLOW CREEK - Segment Length: 10.73 miles			
OH 5 43	94	pH - [H]	Subsurface mining - [H]
[-] - - Segment Length: 0.00 miles			
OH 5 43.2	88	pH - [H]	Surface Mining - [H]
[06-914] - RANDOLPH RUN - Segment Length: 2.80 miles			
OH 5 47	88	Siltation - [M] pH - [H] Metals - [S]	Surface Mining - [H]
[06-900] - YELLOW CREEK (TOWN FORK TO BRUSH CREEK) - Segment Length: 4.20 miles			
OH 5 54	88	Siltation - [H]	Surface Mining - [H]
[06-900] - YELLOW CREEK (ELKHORN CREEK TO TOWN FORK) - Segment Length: 17.10 miles			
OH 5 60	88	Metals - [S] Organic enrichment/DO - [M] Siltation - [H]	Surface Mining - [H] Municipal Point Sources - [M]
[06-936] - WOLF CREEK - Segment Length: 4.50 miles			
OH 5 77	88	pH - [H] Siltation - [S]	Surface Mining - [H] Subsurface mining - [S]
CENTRAL TRIBS (SHORT CREEK AND WHEELING CR.)			
[06-500] - MCMAHON CREEK (WILLIAMS CREEK TO OHIO RIVER) - Segment Length: 12.74 miles			
OH 6 1	88	Siltation - [H]	Surface Mining - [H]
[06-510] - LITTLE MCMAHON CREEK - Segment Length: 8.30 miles			
OH 6 5	88	pH - [H] Siltation - [M] Organic enrichment/DO - [S]	Surface Mining - [H] Municipal Point Sources - [S] Subsurface mining - [S]
[06-519] - TRIB. TO LITTLE MCMAHON CREEK (RM 2.3) - Segment Length: 1.64 miles			
OH 6 5.1	88	pH - [H]	Surface Mining - [H]
[06-512] - KINGS RUN - Segment Length: 2.20 miles			
OH 6 7	88	pH - [H] Siltation - [H]	Surface Mining - [H] Subsurface mining - [S]
[06-513] - AULTS RUN - Segment Length: 3.30 miles			
OH 6 8	88	pH - [H] Siltation - [H]	Surface Mining - [H]
[06-500] - MCMAHON CREEK (HEADWATERS TO WILLIAMS CREEK) - Segment Length: 15.40 miles			
OH 6 10	88	Siltation - [H] Organic enrichment/DO - [H]	Surface Mining - [H] Municipal Point Sources - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
			Mine tailings - [H]
[06-504] - WILLIAMS CREEK - Segment Length: 8.00 miles			
OH 6 11	94	Siltation - [T]	Surface Mining - [T]
[06-806] - TOWN RUN - Segment Length: 3.20 miles			
OH 6 30	88	Organic enrichment/DO - [H] Unionized Ammonia - [M]	Municipal Point Sources - [H]
[06-800] - WHEELING CREEK (HEADWATERS TO COX RUN) - Segment Length: 16.12 miles			
OH 6 34	88	pH - [H] Siltation - [H]	Surface Mining - [H] Subsurface mining - [S]
[06-058] - DEEP RUN - Segment Length: 5.50 miles			
OH 6 49	90	pH - [H]	Mining - [H]
[06-600] - SHORT CREEK (PINEY FORK TO OHIO RIVER) - Segment Length: 8.23 miles			
OH 6 50	90	Other habitat alterations - [H] Siltation - [H]	Dam construction - [H] Surface Mining - [H] Highway/road/bridge/sewer line - [M] Land development/Suburbanization - [M]
[06-617] - MIDDLE FORK SHORT CREEK - Segment Length: 9.30 miles			
OH 6 73	88	Organic enrichment/DO - [S] Unionized Ammonia - [S] pH - [H] Siltation - [H]	Municipal Point Sources - [S] Surface Mining - [H]
[06-619] - SALLY BUFFALO CREEK - Segment Length: 4.25 miles			
OH 6 73.1	88	pH - [H] Siltation - [H]	Surface Mining - [H]
CENTRAL TRIBS (MCMAHON, CAPTINA, SUNFISH CR.)			
[06-705] - EAST FORK PINEY FORK - Segment Length: 4.80 miles			
OH 7 7	88	Organic enrichment/DO - [H] Other habitat alterations - [M]	Municipal Point Sources - [H] Natural - [M]
[06-706] - STANDINGSTONE RUN - Segment Length: 3.60 miles			
OH 7 8	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[06-045] - BIG RUN - Segment Length: 4.60 miles			
OH 7 17	88	Flow alteration - [H]	Other - [H]
[06-101] - CAT RUN - Segment Length: 7.20 miles			
OH 7 19	88	Flow alteration - [H] Flow alteration - [T]	Natural - [H] Natural - [T]
[06-114] - BERRYS RUN - Segment Length: 2.30 miles			
OH 7 33	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[06-123] - NORTH FORK CAPTINA CREEK - Segment Length: 11.75 miles			
OH 7 36	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[06-048] - BIG RUN - Segment Length: 4.50 miles			
OH 7 48	88	pH - [H] Siltation - [H]	Surface Mining - [H]
[06-049] - WEGEE CREEK - Segment Length: 7.60 miles			
OH 7 50	88	pH - [H] Siltation - [H]	Surface Mining - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
LITTLE MUSKINGUM RIVER			
[06-015] - COLLINS RUN - Segment Length: 2.00 miles			
OH 8 81	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
DUCK CREEK			
[06-300] - DUCK CREEK - Segment Length: 24.30 miles			
OH 9 2	88	Siltation - [H]	Surface Mining - [H] Subsurface mining - [S]
[06-322] - MIDDLE FORK DUCK CREEK - Segment Length: 13.80 miles			
OH 9 11	90	pH - [H]	Mining - [H]
[06-340] - WEST FORK DUCK CREEK (SALT RUN TO E. FK. DUCK CR.) - Segment Length: 23.63 miles			
OH 9 27	88	Siltation - [H]	Surface Mining - [H]
[06-340] - WEST FORK DUCK CREEK (HEADWATERS TO SALT RUN) - Segment Length: 12.80 miles			
OH 9 32	88	Siltation - [T]	Surface Mining - [T]
		Organic enrichment/DO - [T]	Municipal Point Sources - [T]
		Metals - [T]	Industrial Point Sources - [T]
UPPER TUSCARAWAS RIVER			
[17-500] - TUSCARAWAS RIVER (PIGEON RUN TO SANDY CREEK) - Segment Length: 13.60 miles			
OH10 1	92	Unknown toxicity - [H]	Industrial Point Sources - [H]
		Metals - [M]	Industrial Point Sources - [M]
		Organic enrichment/DO - [S]	Mining - [M]
		Nutrients - [S]	Municipal Point Sources - [S]
[17-580] - TRIB. TO TUSCARAWAS R. (RM 83.74) - Segment Length: 6.09 miles			
OH10 1.3	96	Unionized Ammonia - [H]	Source Unknown - [H]
		Flow alteration - [M]	Flow regulation/modification - [M]
[17-500] - TUSCARAWAS RIVER (NEWMAN CREEK TO PIGEON RUN) - Segment Length: 5.20 miles			
OH10 5	92	Unknown toxicity - [H]	Industrial Point Sources - [H]
		Other habitat alterations - [M]	Channelization - [M]
		Metals - [S]	Urban Runoff/Storm Sewers (NPS) - [S]
		Organic enrichment/DO - [S]	Municipal Point Sources - [S]
		Nutrients - [S]	Source Unknown - [S] Combined Sewer Overflow - [S]
[17-534] - NEWMAN CREEK - Segment Length: 14.30 miles			
OH10 7	88	Priority organics - [H]	Industrial Point Sources - [H]
[17-500] - TUSCARAWAS RIVER (CHIPPEWA CREEK TO NEWMAN CREEK) - Segment Length: 11.30 miles			
OH10 9	96	Unknown toxicity - [H]	Landfills - [H]
		Salinity/TDS/chlorides - [M]	Major Municipal Point Source - [M]
		Priority organics - [M]	Contaminated sediments - [M]
		Metals - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
[17-537] - FOX RUN - Segment Length: 7.10 miles			
OH10 11	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Priority organics - [M]	Industrial Point Sources - [M]
[17-538] - NIMISILA CREEK - Segment Length: 11.10 miles			
OH10 12	94	Flow alteration - [H]	Upstream impoundment - [H]
		Other habitat alterations - [H]	Upstream impoundment - [H]
		Flow alteration - [H]	Source Unknown - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Cause Unknown - [H] Other habitat alterations - [H]	Onsite wastewater systems (septic tanks) - [H]
[17-550] - CHIPPEWA CREEK (STEELE DITCH TO TUSCARAWAS RIVER) - Segment Length: 12.80 miles			
OH10 13	88	Siltation - [M] Organic enrichment/DO - [H]	Municipal Point Sources - [H] Industrial Point Sources - [H] Channelization - [M] Removal of riparian vegetation - [S]
[17-562] - SILVER CREEK - Segment Length: 7.66 miles			
OH10 13.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[17-551] - RED RUN - Segment Length: 6.00 miles			
OH10 14	88	Organic enrichment/DO - [M] Other habitat alterations - [M]	Municipal Point Sources - [H] Channelization - [M]
[17-553] - RIVER STYX - Segment Length: 10.10 miles			
OH10 16	88	Organic enrichment/DO - [H] Metals - [S]	Municipal Point Sources - [H] Industrial Point Sources - [H] Pasture land - [S]
[17-554] - HOLMES BROOK - Segment Length: 4.60 miles			
OH10 17	88	Siltation - [H]	Nonirrigated crop production - [H]
[17-556] - LITTLE CHIPPEWA CREEK - Segment Length: 12.95 miles			
OH10 19	88	Organic enrichment/DO - [H] Metals - [M] Other habitat alterations - [M]	Municipal Point Sources - [H] Channelization - [M]
[17-561] - UNNAMED TRIB. TO LITTLE CHIPPEWA CREEK - Segment Length: 1.37 miles			
OH10 20	88	Flow alteration - [H]	Other - [H]
[17-550] - CHIPPEWA CREEK (HEADWATERS TO STEELE DITCH) - Segment Length: 13.90 miles			
OH10 21	88	Siltation - [H] Organic enrichment/DO - [M]	Removal of riparian vegetation - [M] Channelization - [H] Municipal Point Sources - [H]
[17-500] - TUSCARAWAS RIVER (WOLF CREEK TO CHIPPEWA CREEK) - Segment Length: 7.50 miles			
OH10 26	96	Unknown toxicity - [H] Other habitat alterations - [H] Salinity/TDS/chlorides - [M] Metals - [M] Chlorine - [M]	Landfills - [H] Major Municipal Point Source - [M] Channelization - [H] Removal of riparian vegetation - [M] Contaminated sediments - [M] Urban Runoff/Storm Sewers (NPS) - [M]
[17-540] - WOLF CREEK - Segment Length: 13.10 miles			
OH10 28	96	Metals - [M] Other habitat alterations - [M] Unknown toxicity - [H]	Minor Industrial Point Source - [M] Contaminated sediments - [M] Urban Runoff/Storm Sewers (NPS) - [H] Channelization - [M]
[17-541] - HUDSON RUN - Segment Length: 7.50 miles			
OH10 29	96	Siltation - [M] Other habitat alterations - [H] Unknown toxicity - [H]	Agriculture - [M] Channelization - [H] Landfills - [H]
[17-542] - VAN HYNING RUN - Segment Length: 4.60 miles			
OH10 30	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Priority organics - [M] Siltation - [M] Other habitat alterations - [M] Flow alteration - [S]	Urban Runoff/Storm Sewers (NPS) - [M] Channelization - [M] Other - [S]
[17-543] - PIGEON CREEK - Segment Length: 8.60 miles			
OH10 31	88	Priority organics - [H] Oil and grease - [M] Siltation - [M] Unknown toxicity - [M] Organic enrichment/DO - [M] Other habitat alterations - [M]	Industrial Point Sources - [H] Municipal Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [M] Spills - [M] Channelization - [M] Removal of riparian vegetation - [S]
[17-500] - TUSCARAWAS RIVER (HEADWATERS TO WOLF CREEK) - Segment Length: 19.21 miles			
OH10 33	96	Metals - [M] Other habitat alterations - [H] Unknown toxicity - [H] Nutrients - [S]	Urban Runoff/Storm Sewers (NPS) - [H] Channelization - [H] Removal of riparian vegetation - [S] Minor Municipal Point Source - [S] Contaminated sediments - [S]
[17-545] - METZGERS DITCH - Segment Length: 8.13 miles			
OH10 33.2	92	Organic enrichment/DO - [H] Priority organics - [T] Total toxics - [M] Total toxics - [T]	Municipal Point Sources - [H] Land development/Suburbanization - [S] Landfills - [H] Landfills - [T]
NIMISHILLEN CREEK			
[17-450] - SANDY CREEK (NIMISHILLEN CREEK TO TUSCARAWAS R.) - Segment Length: 8.00 miles			
OH11 1	92	Metals - [H] Siltation - [M] Nutrients - [S]	Industrial Point Sources - [H] Mining - [M] Municipal Point Sources - [S]
[17-460] - NIMISHILLEN CREEK - Segment Length: 14.70 miles			
OH11 5	92	Organic enrichment/DO - [H] Unionized Ammonia - [H] Metals - [H] Priority organics - [M]	Industrial Point Sources - [H] Municipal Point Sources - [S] Contaminated sediments - [H] Spills - [H]
[17-468] - HURFORD RUN - Segment Length: 4.95 miles			
OH11 6	88	Priority organics - [H] Metals - [H] Unionized Ammonia - [H] Organic enrichment/DO - [M] Thermal modifications - [M] Other habitat alterations - [H]	Industrial Point Sources - [H] Channelization - [H] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M] Contaminated sediments - [H] Spills - [H]
[17-477] - DOMER DITCH - Segment Length: 3.21 miles			
OH11 6.1	88	Unknown toxicity - [H]	Industrial Point Sources - [H]
[17-461] - SHERRICK RUN - Segment Length: 6.80 miles			
OH11 7	88	Organic enrichment/DO - [H] Metals - [H]	Industrial Point Sources - [H] Municipal Point Sources - [H]
[17-485] - TRIB. TO SHERRICK RUN (RM 4.6) - Segment Length: 1.20 miles			
OH11 7.1	88	Flow alteration - [H] pH - [M]	Other - [H] Surface Mining - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)		Source of Impairment/Magnitude)
Siltation - [M]				
[17-478] - OSNABURG DITCH - Segment Length: 1.50 miles				
OH11	7.2	88	Organic enrichment/DO - [H] Unionized Ammonia - [H] pH - [M] Siltation - [M] Other habitat alterations - [H]	Municipal Point Sources - [H] Industrial Point Sources - [H] Surface Mining - [M] Channelization - [H]
[17-464] - WEST BRANCH NIMISHILLEN CREEK - Segment Length: 9.00 miles				
OH11	8	88	Metals - [H] Organic enrichment/DO - [H] Siltation - [H]	Industrial Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [H]
[17-479] - MCDOWELL DITCH - Segment Length: 6.27 miles				
OH11	8.1	88	Other habitat alterations - [H] Organic enrichment/DO - [M] Metals - [M] Siltation - [M]	Channelization - [H] Urban Runoff/Storm Sewers (NPS) - [M] Industrial Point Sources - [M]
[17-480] - HOOVER DITCH - Segment Length: 1.23 miles				
OH11	8.2	88	Other habitat alterations - [H] Organic enrichment/DO - [M] Metals - [M]	Channelization - [H] Industrial Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [H]
[17-481] - ZIMBER DITCH - Segment Length: 4.46 miles				
OH11	8.3	88	Organic enrichment/DO - [H] Metals - [M]	Industrial Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [H]
[17-462] - MIDDLE BRANCH NIMISHILLEN CREEK - Segment Length: 16.60 miles				
OH11	10	88	Organic enrichment/DO - [H] Siltation - [H] Other habitat alterations - [S] Metals - [M]	Nonirrigated crop production - [H] Channelization - [S] Contaminated sediments - [M] Urban Runoff/Storm Sewers (NPS) - [M]
[17-484] - SWARTZ DITCH - Segment Length: 8.10 miles				
OH11	10.1	88	Other habitat alterations - [H] Siltation - [M]	Channelization - [H] Nonirrigated crop production - [M] Removal of riparian vegetation - [H]
[17-482] - GULEY DITCH (HARTVILLE) - Segment Length: 4.00 miles				
OH11	10.2	88	Metals - [H] Siltation - [M] Other habitat alterations - [M]	Industrial Point Sources - [H] Nonirrigated crop production - [M] Channelization - [M]
[17-463] - EAST BRANCH NIMISHILLEN CREEK - Segment Length: 10.40 miles				
OH11	11	96	Organic enrichment/DO - [H] Nutrients - [H] Unionized Ammonia - [M] Salinity/TDS/chlorides - [S] Flow alteration - [H] Oil and grease - [M] Cause Unknown - [M]	Major Industrial Point Source - [H] Major Municipal Point Source - [S] Minor Industrial Point Source - [M] Agriculture - [H]
[17-483] - TRIB. TO E. BR. NIMISHILLEN CREEK (RM 2.75) - Segment Length: 3.98 miles				
OH11	11.3	88	Oil and grease - [H]	Industrial Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [M]	Channelization - [M]
[17-450] - SANDY CREEK (L. SANDY CREEK TO NIMISHILLEN CREEK) - Segment Length: 9.40 miles			
OH11 12	88	Siltation - [H]	Surface Mining - [H]
		Siltation - [T]	Surface Mining - [T]
[17-450] - SANDY CREEK (STILL FORK TO LITTLE SANDY CREEK) - Segment Length: 11.70 miles			
OH11 16	96	Organic enrichment/DO - [H]	Minor Municipal Point Source - [H]
		Unionized Ammonia - [M]	Source Unknown - [S]
		Unknown toxicity - [S]	
[17-470] - STILL FORK SANDY CREEK - Segment Length: 16.10 miles			
OH11 21	96	Flow alteration - [M]	Dam construction - [M]
		Other habitat alterations - [H]	Pasture land - [H]
		Siltation - [M]	Minor Industrial Point Source - [S]
		Nutrients - [S]	
		Metals - [S]	
CONOTTON CREEK			
[17-100] - CONOTTON CREEK (INDIAN FORK TO TUSCARAWAS RIVER) - Segment Length: 12.00 miles			
OH12 1	92	Siltation - [H]	Surface Mining - [H]
[17-101] - HUFF RUN - Segment Length: 9.90 miles			
OH12 2	90	pH - [H]	Mining - [H]
[17-100] - CONOTTON CREEK (MCGUIRE CREEK TO INDIAN FORK) - Segment Length: 8.58 miles			
OH12 13	88	Unknown toxicity - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	
[17-120] - IRISH CREEK - Segment Length: 7.60 miles			
OH12 23	88	Unionized Ammonia - [H]	Source Unknown - [H]
[17-124] - UNNAMED TRIBUTARY @ JEWETT - Segment Length: 1.76 miles			
OH12 26	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[17-123] - JEFFERSON CREEK - Segment Length: 4.60 miles			
OH12 27	88	Unionized Ammonia - [H]	Source Unknown - [H]
SUGAR CREEK			
[17-400] - SUGAR CREEK (S. FK. SUGAR CR. TO TUSCARAWAS R.) - Segment Length: 12.30 miles			
OH13 1	94	Siltation - [H]	Industrial Point Sources - [H]
[17-422] - GOETTGE RUN - Segment Length: 5.14 miles			
OH13 1.1	94	pH - [H]	Surface Mining - [H]
		Siltation - [H]	Industrial Point Sources - [H]
[17-401] - BRANDYWINE CREEK - Segment Length: 3.50 miles			
OH13 2	94	Siltation - [H]	Landfills - [M]
			Source Unknown - [M]
[17-424] - TRIB. TO S. FK. SUGAR CREEK (RM 14.14) - Segment Length: 3.30 miles			
OH13 9.3	96		
[17-400] - SUGAR CREEK (MIDDLE FORK TO SOUTH FORK) - Segment Length: 7.10 miles			
OH13 14	88		Municipal Point Sources - [H]
		Metals - [H]	
[17-405] - ELM RUN - Segment Length: 5.40 miles			
OH13 16	88	Unionized Ammonia - [H]	Source Unknown - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[17-400] - SUGAR CREEK (HEADWATERS TO M. FK. SUGAR CREEK) - Segment Length: 25.60 miles			
OH13 20	88	Organic enrichment/DO - [H]	Pasture land - [H]
[17-409] - NORTH FORK SUGAR CREEK - Segment Length: 6.80 miles			
OH13 21	96	Unionized Ammonia - [M]	Minor Industrial Point Source - [M]
		Nutrients - [H]	Pasture land - [H]
		Organic enrichment/DO - [H]	Feedlots (Confined Animal Feeding Oper.) - [H]
		Other habitat alterations - [H]	Animal holding/management areas - [H]
		Pathogens - [H]	Channelization - [H]
			Removal of riparian vegetation - [H]
			Onsite wastewater systems (septic tanks) - [H]
[17-418] - LITTLE SUGAR CREEK - Segment Length: 10.60 miles			
OH13 22	88	Organic enrichment/DO - [H]	Pasture land - [H]
STILLWATER CREEK			
[17-350] - STILLWATER CREEK (BRUSHY CREEK TO TUSCARAWAS R.) - Segment Length: 25.80 miles			
OH14 1	90	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [H]	Channelization - [H]
[17-360] - LITTLE STILLWATER CREEK - Segment Length: 33.70 miles			
OH14 2	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[17-350] - STILLWATER CREEK (BOGGS FORK TO BRUSHY FORK) - Segment Length: 12.50 miles			
OH14 28	94	Flow alteration - [H]	Flow regulation/modification - [H]
[17-358] - ATKINSON CREEK - Segment Length: 6.30 miles			
OH14 29	94	Siltation - [H]	Pasture land - [H]
[17-359] - CRABORCHARD CREEK - Segment Length: 6.70 miles			
OH14 30	94	Siltation - [H]	Pasture land - [H]
		Other habitat alterations - [H]	Channelization - [H]
[17-371] - SKULL FORK - Segment Length: 17.50 miles			
OH14 31	96	Other habitat alterations - [H]	Channelization - [H]
LOWER TUSCARAWAS RIVER			
[17-500] - TUSCARAWAS RIVER (EVANS CREEK TO WALHONDING RIVER) - Segment Length: 14.80 miles			
OH15 1	96	Organic enrichment/DO - [H]	Source Unknown - [H]
		Suspended solids - [M]	Agriculture - [S]
[17-502] - WHITE EYES CREEK - Segment Length: 10.00 miles			
OH15 3	88	pH - [H]	Surface Mining - [H]
		Other habitat alterations - [M]	Spills - [M]
			Channelization - [S]
[17-505] - EVANS CREEK - Segment Length: 9.30 miles			
OH15 6	88	Other habitat alterations - [H]	Surface Mining - [H]
		pH - [M]	Channelization - [M]
[17-500] - TUSCARAWAS RIVER (STILLWATER CREEK TO DUNLOP CR.) - Segment Length: 21.70 miles			
OH15 19	90	Other habitat alterations - [H]	Natural - [H]
		Organic enrichment/DO - [M]	Municipal Point Sources - [M]
		Other habitat alterations - [T]	Natural - [T]
[17-500] - TUSCARAWAS RIVER (SUGAR CREEK TO STILLWATER CREEK) - Segment Length: 11.02 miles			
OH15 24	90	Unionized Ammonia - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	Industrial Point Sources - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Metals - [S]	Surface Mining - [S]
		Priority organics - [S]	Contaminated sediments - [S]
		Siltation - [S]	
		pH - [S]	
		Unionized Ammonia - [T]	Municipal Point Sources - [T]
		Priority organics - [T]	Contaminated sediments - [T]
[17-522] - PONE RUN - Segment Length: 3.60 miles			
OH15 26	88	Metals - [H]	Source Unknown - [H]
[17-524] - OLDTOWN CREEK - Segment Length: 11.20 miles			
OH15 28	90	pH - [H]	Mining - [H]
[17-526] - CROOKED CREEK - Segment Length: 4.80 miles			
OH15 30	90	pH - [H]	Mining - [H]
[17-500] - TUSCARAWAS RIVER (CONOTTON CREEK TO SUGAR CREEK) - Segment Length: 7.40 miles			
OH15 31	92	Metals - [H]	Industrial Point Sources - [H]
		Other habitat alterations - [M]	Mining - [M]
		Siltation - [S]	Dam construction - [M]
		Organic enrichment/DO - [M]	Municipal Point Sources - [S]
		Unionized Ammonia - [H]	Source Unknown - [M]
		Nonpriority organics - [M]	Hazardous waste - [M]
[17-500] - TUSCARAWAS RIVER (SANDY CREEK TO CONOTTON CREEK) - Segment Length: 7.60 miles			
OH15 32	92	Metals - [H]	Industrial Point Sources - [H]
		Nutrients - [S]	Surface Mining - [M]
			Municipal Point Sources - [M]
BLACK FORK, CLEAR FORK, ROCKY FORK MOHICAN R.			
[17-730] - BLACK FORK MOHICAN R. (ROCKY FORK TO CLEAR FORK) - Segment Length: 14.00 miles			
OH16 16	90	Metals - [H]	Industrial Point Sources - [H]
		Organic enrichment/DO - [M]	Combined Sewer Overflow - [M]
		Other habitat alterations - [S]	Municipal Point Sources - [S]
[17-733] - ROCKY FORK MOHICAN RIVER - Segment Length: 19.60 miles			
OH16 19	96	Metals - [H]	Industrial Point Sources - [H]
		Organic enrichment/DO - [M]	Industrial Permitted - [M]
		Pesticides - [M]	Channelization - [S]
		Priority organics - [H]	
		Oil and grease - [M]	
		Other habitat alterations - [S]	
		Metals - [T]	Industrial Point Sources - [T]
		Priority organics - [T]	Contaminated sediments - [T]
[17-749] - TRIB. TO ROCKY FORK (RM 3.7) - Segment Length: 2.88 miles			
OH16 19.1	88	Unionized Ammonia - [H]	Source Unknown - [H]
[17-734] - TOUBY RUN - Segment Length: 5.30 miles			
OH16 20	96	Other habitat alterations - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Organic enrichment/DO - [S]	Channelization - [H]
[17-730] - BLACK FK. MOHICAN R. (WHETSTONE CREEK TO ROCKY FK) - Segment Length: 17.00 miles			
OH16 21	88	Unionized Ammonia - [H]	Source Unknown - [H]
[17-730] - BLACK FK MOHICAN R(LEATHERWOOD CR TO WHETSTONE CR) - Segment Length: 13.90 miles			
OH16 23	92	Organic enrichment/DO - [H]	Municipal Point Sources - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Siltation - [M] Turbidity - [S]	Nonirrigated crop production - [M]
[17-770] - FLEMING FALLS CREEK - Segment Length: 4.50 miles			
OH16 23.1	96	Organic enrichment/DO - [H]	DOMESTIC WASTEWATER LAGOON - [H] Onsite wastewater systems (septic tanks) - [M] Package Plants (Small Flows) - [M] - [M]
[17-771] - TRIB TO FLEMING FALLS CREEK - Segment Length: 1.50 miles			
OH16 23.11	96	Organic enrichment/DO - [H]	DOMESTIC WASTEWATER LAGOON - [H] Onsite wastewater systems (septic tanks) - [M]
[17-730] - BLACK FK MOHICAN R.(HEADWATERS TO LEATHERWOOD CR.) - Segment Length: 13.55 miles			
OH16 28	92	Metals - [H] Other habitat alterations - [S]	Industrial Point Sources - [H] Channelization - [S]
[17-769] - TUBY RUN - Segment Length: 4.40 miles			
OH16 28.1	92	Metals - [H] pH - [M] Other habitat alterations - [S]	Industrial Point Sources - [H] Channelization - [S] Spills - [M]
LAKE FORK, JEROME FORK, MUDDY FORK MOHICAN R.			
[17-718] - JEROME FORK MOHICAN R. (LANG CREEK TO LAKE FORK) - Segment Length: 12.28 miles			
OH17 14	88	Metals - [H] Organic enrichment/DO - [H] Unionized Ammonia - [M]	Industrial Point Sources - [H] Municipal Point Sources - [H]
[17-725] - LANG CREEK - Segment Length: 9.30 miles			
OH17 21	88	Metals - [H] Organic enrichment/DO - [H] Unionized Ammonia - [M]	Industrial Point Sources - [H] Municipal Point Sources - [H]
[17-726] - JAMISON CREEK - Segment Length: 5.40 miles			
OH17 22	88	Organic enrichment/DO - [H] Metals - [S]	Urban Runoff/Storm Sewers (NPS) - [H]
[17-743] - TRIB. TO JAMISON CREEK - Segment Length: 1.20 miles			
OH17 22.1	88	Metals - [H] Unionized Ammonia - [M]	Industrial Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [S]
[17-727] - TOWN RUN - Segment Length: 5.60 miles			
OH17 23	88	Organic enrichment/DO - [H] Metals - [S]	Urban Runoff/Storm Sewers (NPS) - [H] Industrial Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [S]
[17-718] - JEROME FORK (LEIDIGH MILL/ORANGE CR. TO LANG CR.) - Segment Length: 2.50 miles			
OH17 24	88	Unionized Ammonia - [H]	Source Unknown - [H]
KOKOSING RIVER			
[17-650] - KOKOSING RIVER (YELLOWAY CREEK TO MOHICAN RIVER) - Segment Length: 11.40 miles			
OH18 1	88	Unionized Ammonia - [H]	Source Unknown - [H]
[17-654] - JELLOWAY CREEK - Segment Length: 13.30 miles			
OH18 5	88	Organic enrichment/DO - [H] Other habitat alterations - [S]	Pasture land - [H] Streambank modification/destabilization - [M] Removal of riparian vegetation - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[17-656] - EAST BRANCH JELLOWAY CREEK - Segment Length: 4.60 miles			
OH18 7	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Pasture land - [M]
[17-650] - KOKOSING RIVER (WOLF RUN TO JELLOWAY CREEK) - Segment Length: 10.00 miles			
OH18 12	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[17-662] - SCHENCK CREEK - Segment Length: 12.10 miles			
OH18 14	88	Organic enrichment/DO - [H] Pesticides - [M]	Pasture land - [H] Spills - [M]
[17-650] - KOKOSING RIVER (N. BR. KOKOSING R. TO WOLF RUN) - Segment Length: 8.30 miles			
OH18 22	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[17-674] - NORTH BRANCH KOKOSING RIVER - Segment Length: 18.30 miles			
OH18 27	88	Organic enrichment/DO - [H] Other habitat alterations - [M]	Pasture land - [H] Nonirrigated crop production - [M] Municipal Point Sources - [M]
[17-650] - KOKOSING RIVER (HEADWATERS TO N. BR. KOKOSING R.) - Segment Length: 27.50 miles			
OH18 34	88	Organic enrichment/DO - [H] Other habitat alterations - [S]	Pasture land - [H] Nonirrigated crop production - [M] Removal of riparian vegetation - [S] Onsite wastewater systems (septic tanks) - [S]
KILLBUCK CREEK			
[17-150] - KILLBUCK CREEK (DOUGHTY CREEK TO WALHONDING RIVER) - Segment Length: 15.70 miles			
OH19 1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[17-138] - TRIB. TO DOUGHTY CREEK (RM 14.34) - Segment Length: 2.60 miles			
OH19 4.1	96	Organic enrichment/DO - [H] Siltation - [M]	Onsite wastewater systems (septic tanks) - [H] Pasture land - [M]
[17-150] - KILLBUCK CREEK (BLACK CREEK TO DOUGHTY CREEK) - Segment Length: 9.50 miles			
OH19 8	96	Other habitat alterations - [H]	Channelization - [H]
[17-160] - WOLF CREEK - Segment Length: 9.00 miles			
OH19 12	96	Cause Unknown - [H]	Source Unknown - [H]
[17-150] - KILLBUCK CREEK (SAPPS RUN TO BLACK RUN) - Segment Length: 6.10 miles			
OH19 14	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[17-150] - KILLBUCK CREEK (APPLE CREEK TO SALT CREEK) - Segment Length: 12.20 miles			
OH19 31	96	Other habitat alterations - [H] Organic enrichment/DO - [H] Unionized Ammonia - [S]	Channelization - [H] Natural - [H]
[17-193] - TRIB. TO KILLBUCK CREEK (RM 41.4) - Segment Length: 0.40 miles			
OH19 31.1	88	Organic enrichment/DO - [H]	Natural - [H]
[17-194] - TRIB. TO KILLBUCK CREEK (RM 44.6) - Segment Length: 5.30 miles			
OH19 31.2	88	Organic enrichment/DO - [H]	Natural - [H]
[17-195] - TRIB. TO KILLBUCK CREEK (RM 46.0) - Segment Length: 6.92 miles			
OH19 31.4	88	Organic enrichment/DO - [H]	Natural - [H]
[17-197] - TRIB. TO KILLBUCK CREEK (RM 47.1) - Segment Length: 0.30 miles			
OH19 31.5	88	Organic enrichment/DO - [H]	Natural - [H]
[17-180] - SHREVE CREEK - Segment Length: 7.50 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH19 35	96	Organic enrichment/DO - [H]	Natural - [H]
[17-198] - SPRING RUN - Segment Length: 3.13 miles			
OH19 36.1	88	Organic enrichment/DO - [H]	Natural - [H]
[17-182] - LITTLE APPLE CREEK - Segment Length: 8.60 miles			
OH19 37	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Onsite wastewater systems (septic tanks) - [H] Nonirrigated crop production - [M]
[17-150] - KILLBUCK CREEK (SHADE CREEK TO APPLE CREEK) - Segment Length: 10.80 miles			
OH19 38	96	Other habitat alterations - [H]	Channelization - [H]
[17-192] - CHRISTMAS RUN - Segment Length: 3.50 miles			
OH19 38.1	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
[17-184] - LITTLE KILLBUCK CREEK - Segment Length: 9.00 miles			
OH19 40	96	Organic enrichment/DO - [H] Other habitat alterations - [M]	Feedlots (Confined Animal Feeding Oper.) - [H] Natural - [M]
[17-150] - KILLBUCK CREEK (HEADWATERS TO SHADE CREEK) - Segment Length: 21.09 miles			
OH19 44	96	Organic enrichment/DO - [H] Other habitat alterations - [H] Unionized Ammonia - [S]	Feedlots (Confined Animal Feeding Oper.) - [H] Channelization - [H] Agriculture - [S] Minor Municipal Point Source - [S] Source Unknown - [S]
[17-190] - CAMEL CREEK - Segment Length: 7.60 miles			
OH19 47	96	Organic enrichment/DO - [H] Flow alteration - [S]	Agriculture - [H] Natural - [S]
UPPER MUSKINGUM RIVER AND WAKATOMIKA CREEK			
[17-001] - MUSKINGUM RIVER (WILLS CREEK TO SYMMES CREEK) - Segment Length: 12.20 miles			
OH20 1	96	Organic enrichment/DO - [H]	Major Industrial Point Source - [H]
[17-960] - WAKATOMIKA CREEK (BRUSHY FORK TO MUSKINGUM RIVER) - Segment Length: 19.70 miles			
OH20 2	88	Salinity/TDS/chlorides - [T] Siltation - [T]	Petroleum activities - [T] Surface Mining - [T]
[17-971] - BRUSHY FORK - Segment Length: 8.30 miles			
OH20 14	96	Organic enrichment/DO - [T] Other habitat alterations - [T]	- [T] Removal of riparian vegetation - [T]
[17-610] - MILL CREEK - Segment Length: 18.00 miles			
OH20 25	96	Siltation - [T] Other habitat alterations - [T]	Nonirrigated crop production - [T] Highway maintenance and runoff - [T] Removal of riparian vegetation - [T]
[17-611] - SPOON CREEK - Segment Length: 5.90 miles			
OH20 26	96	Nutrients - [T] Other habitat alterations - [T]	- [T] Streambank modification/destabilization - [T]
WILLS CREEK			
[17-800] - WILLS CREEK (WHITE EYES CREEK TO MUSKINGUM RIVER) - Segment Length: 15.10 miles			
OH21 1	96	Siltation - [H]	Surface Mining - [H] - [S]
[17-800] - WILLS CREEK (BIRDS RUN TO WHITE EYES CREEK) - Segment Length: 16.30 miles			
OH21 6	96	Siltation - [H]	Surface Mining - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
			- [M]
[17-800] - WILLS CREEK (SALT FORK TO BIRDS RUN) - Segment Length: 18.80 miles			
OH21 14	96	Siltation - [H]	Surface Mining - [H]
			- [M]
[17-820] - SALT FORK - Segment Length: 32.00 miles			
OH21 19	96	Other habitat alterations - [M]	Channelization - [M]
		Siltation - [H]	- [H]
		Nutrients - [S]	
		Other inorganics - [S]	
[17-821] - SUGARTREE FORK - Segment Length: 15.50 miles			
OH21 20	94	Siltation - [H]	Pasture land - [H]
		Other habitat alterations - [H]	Channelization - [H]
[17-822] - ROCKY FORK - Segment Length: 9.20 miles			
OH21 21	96	Nutrients - [M]	- [H]
		Siltation - [H]	
		Other inorganics - [S]	
[17-825] - TURKEY RUN - Segment Length: 2.30 miles			
OH21 24	94	Other habitat alterations - [H]	Channelization - [H]
[17-826] - BEEHAM RUN - Segment Length: 3.00 miles			
OH21 25	96	Siltation - [H]	- [H]
[17-827] - BRUSHY FORK - Segment Length: 7.50 miles			
OH21 26	96	Nutrients - [M]	Channelization - [M]
		Siltation - [H]	- [H]
		Other habitat alterations - [M]	
		Other inorganics - [S]	
[17-828] - CHRISTIAN CREEK - Segment Length: 1.90 miles			
OH21 27	96	Nutrients - [M]	Channelization - [M]
		Siltation - [H]	- [H]
		Other habitat alterations - [M]	- [H]
		Other inorganics - [S]	
[17-829] - COON RUN - Segment Length: 1.90 miles			
OH21 28	96	Siltation - [H]	Channelization - [M]
		Other habitat alterations - [M]	- [H]
		Other inorganics - [S]	- [H]
[17-800] - WILLS CREEK (LEATHERWOOD CREEK TO SALT FORK) - Segment Length: 14.80 miles			
OH21 29	96	Siltation - [H]	Surface Mining - [H]
		Other inorganics - [S]	- [M]
		Pathogens - [M]	Combined Sewer Overflow - [M]
			Major Municipal Point Source - [S]
[17-830] - CROOKED CREEK - Segment Length: 16.50 miles			
OH21 31	88	Siltation - [H]	Surface Mining - [H]
[17-840] - LEATHERWOOD CREEK - Segment Length: 28.60 miles			
OH21 38	88	Siltation - [H]	Surface Mining - [H]
[17-841] - MUD RUN - Segment Length: 3.50 miles			
OH21 39	88	Other habitat alterations - [H]	Dam construction - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[17-842] - HAWKINS RUN - Segment Length: 3.90 miles			
OH21 40	88	Siltation - [H]	Surface Mining - [H]
[17-843] - INFIRMARY RUN - Segment Length: 4.90 miles			
OH21 41	88	Siltation - [H]	Surface Mining - [H]
		Other habitat alterations - [M]	Channelization - [M]
[17-800] - WILLS CREEK (BUFFALO FORK TO LEATHERWOOD CREEK) - Segment Length: 16.49 miles			
OH21 43	96	Siltation - [H]	Surface Mining - [H]
		Other inorganics - [M]	- [M]
		Other habitat alterations - [S]	Minor Municipal Point Source - [S]
			Hydromodification - [S]
[-] - - Segment Length: 0.00 miles			
OH21 43.2	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[17-817] - CHAPMAN RUN - Segment Length: 6.90 miles			
OH21 44	96	Metals - [H]	Surface Mining - [H]
		Siltation - [M]	Hazardous waste - [H]
		Nonpriority organics - [M]	Combined Sewer Overflow - [M]
		Unionized Ammonia - [H]	Onsite wastewater systems (septic tanks) - [H]
		Organic enrichment/DO - [M]	
[17-850] - SENECA FORK - Segment Length: 30.30 miles			
OH21 46	88	Siltation - [M]	Surface Mining - [M]
		Flow alteration - [H]	Flow regulation/modification - [H]
		Organic enrichment/DO - [M]	Dam construction - [M]
			Onsite wastewater systems (septic tanks) - [M]
[17-894] - TRIB. TO BUFFALO FORK (CUMBERLAND) - Segment Length: 2.55 miles			
OH21 61.1	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
		Other habitat alterations - [M]	Channelization - [M]
[17-872] - YOKER CREEK - Segment Length: 7.50 miles			
OH21 63	88	Siltation - [H]	Surface Mining - [H]
[17-878] - COLLINS FORK - Segment Length: 5.30 miles			
OH21 69	88	Siltation - [S]	Surface Mining - [H]
		Salinity/TDS/chlorides - [M]	Petroleum activities - [M]
LICKING RIVER			
[17-200] - LICKING RIVER (DILLON RES. TO MUSKINGUM RIVER) - Segment Length: 6.20 miles			
OH22 1	96	Organic enrichment/DO - [M]	Hydromodification - [H]
		Unionized Ammonia - [H]	- [H]
[17-201] - TIMBER RUN - Segment Length: 7.10 miles			
OH22 2	96	Siltation - [H]	Land development/Suburbanization - [H]
		Suspended solids - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Thermal modifications - [H]	Removal of riparian vegetation - [H]
[17-204] - BIG RUN - Segment Length: 9.70 miles			
OH22 6	96	Nutrients - [H]	Nonirrigated crop production - [H]
		Siltation - [H]	
[17-250] - NORTH FORK (SYCAMORE CREEK TO S. FK. LICKING R.) - Segment Length: 20.30 miles			
OH22 23	96	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
			Urban Runoff/Storm Sewers (NPS) - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[17-257] - CLEAR FORK - Segment Length: 9.40 miles			
OH22 30	88	Other habitat alterations - [T]	Dredge mining - [T]
[17-260] - LAKE FORK - Segment Length: 12.20 miles			
OH22 33	88	Organic enrichment/DO - [T]	Agriculture - [T]
[17-250] - NORTH FORK LICKING R. (HEADWATERS TO SYCAMORE CR.) - Segment Length: 18.50 miles			
OH22 37	88	Flow alteration - [H]	Other - [H]
[17-267] - OTTER FORK - Segment Length: 16.40 miles			
OH22 41	90	Organic enrichment/DO - [T]	Animal holding/management areas - [T]
[17-220] - S. FK. LICKING R. (BUCKEYE LK OUTLET TO LICKING R) - Segment Length: 12.80 miles			
OH22 45	96	Nutrients - [T]	Minor Municipal Point Source - [T]
		Other habitat alterations - [T]	
[17-240] - TRIB. TO RACCOON CREEK (RM 18.9) - Segment Length: 3.37 miles			
OH22 46.1	90		
[17-223] - LOBDELL CREEK - Segment Length: 12.10 miles			
OH22 48	96	Flow alteration - [T]	Dam construction - [T]
[17-232] - RAMP CREEK - Segment Length: 8.40 miles			
OH22 57	96	Priority organics - [H]	Contaminated sediments - [H]
		Pesticides - [M]	
[17-233] - BEAVER RUN - Segment Length: 4.80 miles			
OH22 58	92	Organic enrichment/DO - [M]	Municipal Point Sources - [S]
		Chlorine - [M]	Land development/Suburbanization - [S]
		Metals - [M]	
[17-220] - S. FK. LICKING R (TRIB@ 23.25 TO BUCKEYE LK OUTLET) - Segment Length: 10.40 miles			
OH22 59	96	Nutrients - [T]	Minor Municipal Point Source - [T]
		Other habitat alterations - [T]	
[17-237] - WASTEWEIR RUN - Segment Length: 1.69 miles			
OH22 59.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Flow alteration - [M]	Flow regulation/modification - [M]
		Other habitat alterations - [M]	Channelization - [M]
MIDDLE MUSKINGUM RIVER			
[17-001] - MUSKINGUM RIVER (LICKING RIVER TO SALT CREEK) - Segment Length: 9.20 miles			
OH23 15	90		
[17-914] - BRUSH CREEK - Segment Length: 11.90 miles			
OH23 16	90	pH - [H]	Mining - [H]
[17-310] - JONATHAN CREEK (BUCKEYE FORK TO MOXAHALA CREEK) - Segment Length: 4.90 miles			
OH23 22	88	pH - [H]	Surface Mining - [H]
		Siltation - [M]	Nonirrigated crop production - [S]
			Petroleum activities - [S]
			Onsite wastewater systems (septic tanks) - [S]
[17-313] - KENT RUN - Segment Length: 12.10 miles			
OH23 25	88	Other habitat alterations - [T]	Surface Mining - [T]
[17-310] - JONATHAN CREEK (HEADWATERS TO BUCKEYE FORK) - Segment Length: 21.20 miles			
OH23 27	88	Siltation - [H]	Surface Mining - [H]
[17-315] - BUCKEYE FORK - Segment Length: 10.20 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH23 28	90	pH - [H]	Mining - [H]
[17-300] - MOXAHALA CREEK (HEADWATERS TO JONATHAN CREEK) - Segment Length: 24.66 miles			
OH23 36	90	pH - [H]	Mining - [H]
[17-326] - TRIB. TO MOXAHALA CREEK (RM 24.8) - Segment Length: 5.30 miles			
OH23 36.1	88	pH - [H]	Surface Mining - [H]
[17-304] - ELK RUN - Segment Length: 3.90 miles			
OH23 39	88	pH - [H] Siltation - [M]	Surface Mining - [H]
[17-308] - BLACK FORK - Segment Length: 7.70 miles			
OH23 43	92	pH - [H] Other habitat alterations - [H] Siltation - [M]	Subsurface mining - [H] Channelization - [H] Silviculture - [M]
[17-325] - OGG CREEK - Segment Length: 5.40 miles			
OH23 43.1	88	pH - [H] Siltation - [M] pH - [T] Siltation - [T]	Surface Mining - [H] Dam construction - [M] Surface Mining - [T] Dam construction - [T]
[17-323] - MCLUNEY CREEK - Segment Length: 5.60 miles			
OH23 45	90	pH - [H]	Mining - [H]
[17-001] - MUSKINGUM RIVER (SYMMES CREEK TO LICKING RIVER) - Segment Length: 10.90 miles			
OH23 48	90	Thermal modifications - [H] Organic enrichment/DO - [M] Other habitat alterations - [S]	Industrial Point Sources - [H] Natural - [S]
LOWER MUSKINGUM RIVER			
[17-001] - MUSKINGUM RIVER (BIG RUN TO OHIO RIVER) - Segment Length: 17.20 miles			
OH24 1	90	Thermal modifications - [H]	Industrial Point Sources - [H] Natural - [S]
[17-001] - MUSKINGUM RIVER (MEIGS CREEK TO BIG RUN) - Segment Length: 12.20 miles			
OH24 17	90	Thermal modifications - [H]	Industrial Point Sources - [H] Natural - [S]
[17-035] - SOUTH BRANCH WOLF CREEK - Segment Length: 25.40 miles			
OH24 27	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[17-044] - WEST BR. WOLF CREEK (LAUREL RUN TO MUSKINGUM R.) - Segment Length: 12.90 miles			
OH24 36	88	Organic enrichment/DO - [H] Siltation - [H]	Source Unknown - [H]
[17-044] - WEST BR. WOLF CREEK (HEADWATERS TO LAUREL RUN) - Segment Length: 32.10 miles			
OH24 40	88	Organic enrichment/DO - [H] Siltation - [H]	Source Unknown - [H]
[17-070] - OLIVE GREEN CREEK - Segment Length: 22.00 miles			
OH24 61	92	Cause Unknown - [H]	Source Unknown - [H]
[17-920] - MEIGS CREEK - Segment Length: 21.20 miles			
OH24 74	92	Siltation - [T] Siltation - [H] Salinity/TDS/chlorides - [S]	Surface Mining - [T] Surface Mining - [H]
[17-926] - DYES FORK - Segment Length: 18.60 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH24 80	92	Siltation - [T] Siltation - [H]	Surface Mining - [T] Surface Mining - [H]
[17-001] - MUSKINGUM RIVER (MILLERS RUN TO MEIGS CREEK) - Segment Length: 21.10 miles			
OH24 92	92	Metals - [H] Priority organics - [H] Metals - [T] Priority organics - [T]	Industrial Point Sources - [H] Industrial Point Sources - [T]
[17-001] - MUSKINGUM RIVER (SALT CREEK TO MILLERS RUN) - Segment Length: 16.50 miles			
OH24106	90	Noxious aquatic plants - [H] Metals - [H] Priority organics - [H]	Source Unknown - [H] Industrial Point Sources - [H]
UPPER HOCKING RIVER			
[01-001] - HOCKING RIVER (RUSH CREEK TO CLEAR CREEK) - Segment Length: 8.22 miles			
OH25 1	92	Siltation - [H] Metals - [S]	Agriculture - [M] Streambank modification/destabilization - [M] Mining - [M] Natural - [S]
[01-042] - BUCK RUN - Segment Length: 5.10 miles			
OH25 2	88	Metals - [M]	Industrial Point Sources - [H]
[01-400] - CLEAR CREEK - Segment Length: 24.00 miles			
OH25 4	92	Organic enrichment/DO - [H] Other habitat alterations - [H] Siltation - [M]	Onsite wastewater systems (septic tanks) - [H] Channelization - [H] Agriculture - [M] Streambank modification/destabilization - [M]
[01-401] - TRIB. TO CLEAR CREEK (RM 9.52) - Segment Length: 5.20 miles			
OH25 4.1	96	Other habitat alterations - [T]	Landfills - [T]
[01-440] - AMANDA CREEK - Segment Length: 0.70 miles			
OH25 4.2	90	Other habitat alterations - [H]	Channelization - [H] Industrial Point Sources - [S] Municipal Point Sources - [S]
[01-430] - DUNKLE RUN - Segment Length: 2.81 miles			
OH25 8	88	Siltation - [H] Unknown toxicity - [S]	Nonirrigated crop production - [H]
[01-510] - DURBIN RUN - Segment Length: 3.20 miles			
OH25 13	88	Siltation - [H] Other habitat alterations - [M] Flow alteration - [S]	Channelization - [H] Flow regulation/modification - [S]
[01-530] - RACCOON RUN - Segment Length: 8.00 miles			
OH25 15	88	Other habitat alterations - [H] Siltation - [S]	Channelization - [H] Nonirrigated crop production - [S]
[01-540] - LITTLE RUSH CREEK - Segment Length: 18.00 miles			
OH25 16	88	Oil and grease - [H] Siltation - [S]	Petroleum activities - [H] Nonirrigated crop production - [M] Pasture land - [S] Surface Mining - [S] Onsite wastewater systems (septic tanks) - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[01-500] - RUSH CREEK (HEADWATERS TO LITTLE RUSH CREEK) - Segment Length: 21.52 miles			
OH25 20	88	pH - [H]	Surface Mining - [H]
		Other habitat alterations - [M]	Channelization - [M]
		Siltation - [M]	Nonirrigated crop production - [S]
		Metals - [S]	
[01-501] - BLUNTNOSE CREEK (TRIB. TO RUSH CREEK RM 19.40) - Segment Length: 5.45 miles			
OH25 20.1	88	Siltation - [H]	Nonirrigated crop production - [H]
		Other habitat alterations - [S]	Channelization - [M]
		Organic enrichment/DO - [M]	
[01-550] - CENTER BRANCH RUSH CREEK - Segment Length: 9.93 miles			
OH25 21	88	Other habitat alterations - [H]	Channelization - [H]
		Siltation - [M]	Petroleum activities - [M]
		pH - [S]	Surface Mining - [S]
[01-551] - SOMERSET CREEK - Segment Length: 7.00 miles			
OH25 21.1	90		
[01-560] - TURKEY RUN - Segment Length: 4.50 miles			
OH25 22	88	Other habitat alterations - [H]	Other - [H]
		Flow alteration - [M]	Channelization - [M]
		Siltation - [M]	Surface Mining - [S]
[01-001] - HOCKING RIVER (HEADWATERS TO RUSH CREEK) - Segment Length: 19.97 miles			
OH25 23	92	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Other habitat alterations - [M]	Municipal Point Sources - [H]
		Siltation - [S]	Channelization - [M]
[01-046] - BALDWIN RUN - Segment Length: 4.60 miles			
OH25 25	92	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Other habitat alterations - [S]	Channelization - [S]
MIDDLE HOCKING RIVER			
[01-001] - HOCKING RIVER (MONDAY CREEK TO ATHENS) - Segment Length: 13.96 miles			
OH26 1	92	Siltation - [H]	Mining - [H]
		Metals - [M]	Streambank modification/destabilization - [M]
[01-200] - SUNDAY CREEK (W. BR. SUNDAY CR. TO HOCKING R.) - Segment Length: 13.15 miles			
OH26 8	92	pH - [H]	Surface Mining - [H]
			Subsurface mining - [M]
[01-300] - MONDAY CREEK - Segment Length: 27.00 miles			
OH26 25	92	pH - [H]	Surface Mining - [H]
[01-310] - SNOW FORK - Segment Length: 10.70 miles			
OH26 26	90	pH - [H]	Mining - [H]
[01-340] - LITTLE MONDAY CREEK - Segment Length: 14.30 miles			
OH26 32	92	Siltation - [H]	Surface Mining - [H]
[01-001] - HOCKING RIVER (SCOTT CREEK TO MONDAY CREEK) - Segment Length: 20.07 miles			
OH26 36	92	Other habitat alterations - [T]	Channelization - [T]
[01-036] - OLDTOWN CREEK - Segment Length: 7.10 miles			
OH26 42	92	Cause Unknown - [H]	Source Unknown - [H]
		Organic enrichment/DO - [M]	
[01-037] - SCOTT CREEK - Segment Length: 9.50 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH26 43	88	pH - [H] Siltation - [H]	Surface Mining - [H]
[01-001] - HOCKING RIVER (ENTERPRISE TO SCOTT CREEK) - Segment Length: 4.44 miles			
OH26 47	92	Other habitat alterations - [T]	Channelization - [T]
LOWER HOCKING RIVER			
[01-001] - HOCKING RIVER (FEDERAL CREEK TO OHIO RIVER) - Segment Length: 15.28 miles			
OH27 1	92	Flow alteration - [H] Siltation - [H] Siltation - [M]	Dam construction - [H] Streambank modification/destabilization - [H] Surface Mining - [M]
[01-100] - FEDERAL CREEK (MCDUGALL BRANCH TO HOCKING RIVER) - Segment Length: 11.25 miles			
OH27 14	92	Siltation - [H]	Surface Mining - [H]
[01-001] - HOCKING RIVER (ATHENS TO FEDERAL CREEK) - Segment Length: 19.65 miles			
OH27 39	92	Siltation - [H] Other habitat alterations - [H] Organic enrichment/DO - [M]	Streambank modification/destabilization - [H] Channelization - [H] Municipal Point Sources - [M] Combined Sewer Overflow - [M]
[17-900] - LITTLE HOCKING RIVER - Segment Length: 18.40 miles			
OH27 59	92	Cause Unknown - [H]	Source Unknown - [H]
SE TRIBS (SHADE RIVER AND LEADING CREEK)			
[09-600] - SHADE RIVER - Segment Length: 18.19 miles			
OH28 30	92	Siltation - [H]	Surface Mining - [H]
SE TRIBS (LOWER RACCOON CREEK)			
[09-038] - PAINT CREEK - Segment Length: 3.00 miles			
OH29 7	88	Organic enrichment/DO - [H] Other habitat alterations - [M]	Municipal Point Sources - [H] Channelization - [M]
[09-051] - CAMPAIGN CREEK - Segment Length: 19.20 miles			
OH29 12	96	Siltation - [H] Other habitat alterations - [M]	Surface Mining - [H] Nonirrigated crop production - [H] Pasture land - [M]
[09-057] - KYGER CREEK - Segment Length: 11.80 miles			
OH29 19	92	pH - [H] Metals - [H] Siltation - [H] Salinity/TDS/chlorides - [M] Unionized Ammonia - [T] pH - [T] Metals - [T] Siltation - [T]	Surface Mining - [H] Subsurface mining - [M] Industrial Point Sources - [T] Contaminated sediments - [S] Surface Mining - [T] Subsurface mining - [T] Contaminated sediments - [T]
[09-060] - STINGY RUN - Segment Length: 2.50 miles			
OH29 22	88	Metals - [H]	Industrial Point Sources - [H]
[09-062] - BELL LICK RUN - Segment Length: 1.80 miles			
OH29 24	88	Siltation - [M] Other habitat alterations - [H] Flow alteration - [H]	Channelization - [H] Nonirrigated crop production - [M] Other - [M]
[09-200] - LEADING CREEK (LITTLE LEADING CREEK TO OHIO RIVER) - Segment Length: 8.49 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH29 28	96	Metals - [S] Salinity/TDS/chlorides - [H] Siltation - [M]	Subsurface mining - [H] Surface Mining - [S] Agriculture - [S]
[09-213] - THOMAS FORK - Segment Length: 7.20 miles			
OH29 32	96	pH - [H] Siltation - [M]	Surface Mining - [H]
[09-201] - LITTLE LEADING CREEK - Segment Length: 10.60 miles			
OH29 34	96	Siltation - [H] Other habitat alterations - [M]	Surface Mining - [H] Pasture land - [M]
[09-200] - LEADING CREEK (DEXTER RUN TO LITTLE LEADING CREEK) - Segment Length: 10.01 miles			
OH29 35	96	Metals - [S] Salinity/TDS/chlorides - [H] Siltation - [H] Siltation - [S]	Subsurface mining - [H] Surface Mining - [S] Agriculture - [S] Agriculture - [H]
[09-203] - PARKER RUN - Segment Length: 4.80 miles			
OH29 37	96	Metals - [S] Salinity/TDS/chlorides - [H] Other habitat alterations - [S]	Subsurface mining - [H] Streambank modification/destabilization - [M] Channelization - [S]
[09-200] - LEADING CREEK (HEADWATERS TO DEXTER RUN) - Segment Length: 14.50 miles			
OH29 39	96	Siltation - [H] Other habitat alterations - [S]	Surface Mining - [H] Pasture land - [M] Nonirrigated crop production - [M]
[09-205] - DEXTER RUN - Segment Length: 5.30 miles			
OH29 40	92	Flow alteration - [H]	Natural - [H] - [S]
SE TRIBS (UPPER RACCOON CREEK)			
[09-510] - LITTLE RACCOON CREEK (DICKASON RUN TO RACCOON CR.) - Segment Length: 12.57 miles			
OH30 1	88	pH - [H] Metals - [M]	Surface Mining - [H]
[09-511] - DEER CREEK - Segment Length: 4.00 miles			
OH30 2	96	Siltation - [H]	Nonirrigated crop production - [H] Removal of riparian vegetation - [H]
[09-513] - SPRING RUN - Segment Length: 4.60 miles			
OH30 4	96	Siltation - [H] Other habitat alterations - [M]	Source Unknown - [H]
[09-514] - DICKASON RUN - Segment Length: 11.20 miles			
OH30 5	96	Metals - [H]	Acid Mine Drainage - [H]
[09-510] - LITTLE RACCOON CREEK (SAND RUN TO DICKASON RUN) - Segment Length: 16.32 miles			
OH30 7	92	Organic enrichment/DO - [H] Siltation - [M] Unionized Ammonia - [S]	Municipal Point Sources - [H] Surface Mining - [M] Municipal Point Sources - [S] Subsurface mining - [S]
[09-516] - TARCAMP RUN - Segment Length: 2.50 miles			
OH30 8	96	Siltation - [H]	Mine tailings - [H]
[09-517] - GOOSE RUN - Segment Length: 1.80 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH30 9	90	pH - [H]	Mining - [H]
[09-520] - FLINT RUN - Segment Length: 2.20 miles			
OH30 12	90	pH - [H]	Mining - [H]
[09-523] - MULGA RUN - Segment Length: 4.90 miles			
OH30 15	96	Salinity/TDS/chlorides - [H]	Acid Mine Drainage - [H]
		Siltation - [H]	
		pH - [H]	
		Metals - [H]	
[09-524] - MEADOW RUN - Segment Length: 5.10 miles			
OH30 16	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [M]	Industrial Point Sources - [M]
		pH - [M]	Subsurface mining - [M]
		Metals - [S]	Subsurface mining - [T]
		pH - [T]	Industrial Point Sources - [T]
		Metals - [T]	
		Unionized Ammonia - [T]	
[09-582] - SUGAR RUN - Segment Length: 3.05 miles			
OH30 17.1	96	Nutrients - [H]	- [H]
		Siltation - [H]	Pasture land - [H]
		Other habitat alterations - [H]	Removal of riparian vegetation - [H]
		Metals - [H]	Acid Mine Drainage - [H]
[09-525] - SAND RUN - Segment Length: 4.30 miles			
OH30 18	96	Thermal modifications - [H]	Removal of riparian vegetation - [H]
		Nutrients - [M]	Package Plants (Small Flows) - [M]
		Nutrients - [T]	Removal of riparian vegetation - [T]
[09-500] - RACCOON CREEK (FLATLICK RUN TO LITTLE RACCOON CR.) - Segment Length: 10.12 miles			
OH30 22	96	Cause Unknown - [H]	Mining - [H]
		Siltation - [S]	
[09-544] - ROBINSON RUN - Segment Length: 2.90 miles			
OH30 23	96	pH - [H]	Subsurface mining - [H]
		Metals - [H]	Natural - [H]
		Salinity/TDS/chlorides - [H]	
		Flow alteration - [H]	
		Organic enrichment/DO - [S]	
[09-545] - SUGAR RUN - Segment Length: 3.10 miles			
OH30 24	96	pH - [H]	Subsurface mining - [H]
		Metals - [H]	
		Salinity/TDS/chlorides - [H]	
		Siltation - [M]	
[09-546] - STRONGS RUN - Segment Length: 10.40 miles			
OH30 25	96	pH - [H]	Subsurface mining - [H]
		Metals - [M]	- [H]
		Salinity/TDS/chlorides - [M]	Agriculture - [S]
		Siltation - [S]	Surface Mining - [M]
		Organic enrichment/DO - [H]	
[09-547] - WILLIAMS RUN - Segment Length: 2.80 miles			
OH30 26	96	pH - [H]	Subsurface mining - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
Siltation - [S]			
[09-500] - RACCOON CREEK (ELK FORK TO FLATLICK RUN) - Segment Length: 18.97 miles			
OH30 28	96	Cause Unknown - [H]	Mining - [H]
Siltation - [S]			
[09-554] - ZINNS RUN - Segment Length: 2.60 miles			
OH30 34	92	Flow alteration - [H]	Natural - [H] Subsurface mining - [S]
[09-530] - ELK FORK - Segment Length: 18.60 miles			
OH30 35	88	pH - [H]	Surface Mining - [H]
		Metals - [H]	Industrial Point Sources - [M]
		Organic enrichment/DO - [M]	Municipal Point Sources - [M]
		Nutrients - [M]	
		Siltation - [H]	
[09-533] - WOLF RUN - Segment Length: 7.50 miles			
OH30 38	88	pH - [H]	Surface Mining - [H]
		Metals - [H]	
[09-534] - PUNCHEON FORK - Segment Length: 5.60 miles			
OH30 39	88	pH - [H]	Surface Mining - [H]
		Metals - [M]	Mine tailings - [H]
[09-578] - AUSTIN POWDER TRIB. - Segment Length: 2.95 miles			
OH30 40	88		Industrial Point Sources - [H]
		Nutrients - [M]	Surface Mining - [S]
		Unionized Ammonia - [M]	Other - [M]
		Metals - [M]	
		Flow alteration - [H]	
[09-500] - RACCOON CREEK (HEWETT FORK TO ELK FORK) - Segment Length: 22.90 miles			
OH30 41	90	pH - [H]	Mining - [H]
[09-563] - HEWETT FORK - Segment Length: 17.80 miles			
OH30 50	90	pH - [H]	Mining - [H]
[09-586] - CARBONDALE CREEK - Segment Length: 2.30 miles			
OH30 50.1	90	pH - [H]	Mining - [H]
[09-568] - SANDY RUN - Segment Length: 6.00 miles			
OH30 56	90	pH - [H]	Mining - [H]
[09-583] - BIG FOUR HOLLOW (LAKE HOPE) - Segment Length: 1.40 miles			
OH30 56.1	90	pH - [H]	Mining - [H]
[09-571] - BRUSHY FORK - Segment Length: 10.80 miles			
OH30 59	90	pH - [H]	Mining - [H]
[09-500] - RACCOON CREEK (EAST/WEST BRANCH TO BRUSHY FORK) - Segment Length: 8.90 miles			
OH30 60	90	pH - [H]	Mining - [H]
[09-574] - EAST BRANCH RACCOON CREEK - Segment Length: 9.30 miles			
OH30 63	90	pH - [H]	Mining - [H]
[09-579] - TRIB. TO E. BR. RACCOON CREEK (RM 5.6) - Segment Length: 2.15 miles			
OH30 63.1	90	pH - [H]	Mining - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
SE TRIBS (LITTLE INDIAN GUYAN CREEK)			
[09-100] - INDIAN GUYAN CREEK (L. INDIAN GUYAN CR. TO OHIO R) - Segment Length: 14.63 miles			
OH31 2	92	Cause Unknown - [T]	Surface Mining - [T]
[09-500] - RACCOON CREEK (CLAYLICK RUN TO OHIO RIVER) - Segment Length: 12.65 miles			
OH31 33	92	Cause Unknown - [H]	Source Unknown - [H]
[09-500] - RACCOON CREEK (LITTLE RACCOON CREEK TO RYAN RUN) - Segment Length: 9.72 miles			
OH31 49	96	Cause Unknown - [H]	Mining - [H]
		Siltation - [S]	
[09-539] - INDIAN CREEK - Segment Length: 9.10 miles			
OH31 50	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
SE TRIBS (SYMMES CREEK)			
[09-700] - SYMMES CREEK (VENISONHAM CREEK TO OHIO RIVER) - Segment Length: 17.01 miles			
OH32 1	92	Siltation - [T]	Surface Mining - [T]
[09-719] - BUFFALO CREEK - Segment Length: 7.50 miles			
OH32 24	92	Organic enrichment/DO - [T]	Natural - [T]
[09-720] - COULLEY FORK - Segment Length: 3.90 miles			
OH32 25	92	Organic enrichment/DO - [T]	Natural - [T]
[09-730] - BLACK FORK - Segment Length: 16.05 miles			
OH32 35	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[09-735] - HUNTINGCAMP CREEK - Segment Length: 3.40 miles			
OH32 40	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [M]	Channelization - [M]
SE TRIBS (LITTLE SCIOTO RIVER AND PINE CREEK)			
[09-327] - BEAR RUN - Segment Length: 2.80 miles			
OH33 31	92	Organic enrichment/DO - [T]	Source Unknown - [T]
		Unionized Ammonia - [T]	
[09-400] - PINE CREEK (HALES CREEK TO LITTLE PINE CREEK) - Segment Length: 18.62 miles			
OH33 61	92	Organic enrichment/DO - [T]	Surface Mining - [T]
		pH - [T]	
[09-422] - PAINTER CREEK - Segment Length: 2.30 miles			
OH33 74	88	Unionized Ammonia - [H]	Source Unknown - [H]
[09-011] - ICE CREEK - Segment Length: 14.50 miles			
OH33 86	92	Siltation - [T]	Source Unknown - [T]
UPPER SCIOTO RIVER (AND LITTLE SCIOTO RIVER)			
[02-158] - LITTLE SCIOTO RIVER (ROCK FORK TO SCIOTO RIVER) - Segment Length: 10.42 miles			
OH34 1	94	Priority organics - [H]	Industrial Point Sources - [M]
		Unionized Ammonia - [M]	Combined Sewer Overflow - [H]
		Metals - [H]	Municipal Point Sources - [M]
		Oil and grease - [H]	Contaminated sediments - [H]
		Siltation - [M]	Channelization - [H]
		Other habitat alterations - [H]	Landfills - [S]
		Organic enrichment/DO - [M]	
[02-236] - ROCKSWALE DITCH - Segment Length: 3.00 miles			
OH34 1.1	88	Metals - [H]	Industrial Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Oil and grease - [H]	
		Unknown toxicity - [H]	
[02-235] - COLUMBIA DITCH - Segment Length: 2.26 miles			
OH34 1.2	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Metals - [H]	Dam construction - [M]
		Other habitat alterations - [M]	
[02-159] - HONEY CREEK - Segment Length: 2.30 miles			
OH34 2	88	Unionized Ammonia - [H]	Nonirrigated crop production - [S]
			Pasture land - [S]
[02-158] - LITTLE SCIOTO RIVER (HEADWATERS TO ROCK FORK) - Segment Length: 16.80 miles			
OH34 3	88	Siltation - [H]	Nonirrigated crop production - [H]
		Organic enrichment/DO - [H]	Pasture land - [H]
		Flow alteration - [H]	Other - [H]
[02-001] - SCIOTO RIVER (RUSH CREEK TO LITTLE SCIOTO RIVER) - Segment Length: 12.25 miles			
OH34 5	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]
			Pasture land - [S]
[02-165] - RUSH CREEK - Segment Length: 40.10 miles			
OH34 8	88	Unionized Ammonia - [H]	Nonirrigated crop production - [S]
			Pasture land - [S]
[02-001] - SCIOTO RIVER (PANTHER CREEK TO RUSH CREEK) - Segment Length: 13.96 miles			
OH34 13	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]
			Pasture land - [S]
[02-001] - SCIOTO RIVER (SILVER CREEK TO PANTHER CREEK) - Segment Length: 9.51 miles			
OH34 17	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Metals - [M]	Municipal Point Sources - [M]
		Unknown toxicity - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
[02-001] - SCIOTO RIVER (HEADWATERS TO SILVER CREEK) - Segment Length: 24.93 miles			
OH34 24	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [M]	Channelization - [M]
			Nonirrigated crop production - [S]
			Pasture land - [S]
[02-181] - TAYLOR CREEK - Segment Length: 7.80 miles			
OH34 25	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
[02-188] - COTTONWOOD DITCH - Segment Length: 6.00 miles			
OH34 32	88	Other habitat alterations - [H]	Channelization - [H]
		Organic enrichment/DO - [H]	Municipal Point Sources - [H]
SCIOTO RIVER (MILL CR.,BOKES CR., FULTON CR.)			
[02-109] - MILL CREEK (OTTER RUN TO SCIOTO RIVER) - Segment Length: 25.80 miles			
OH35 1	92	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Metals - [M]	Municipal Point Sources - [H]
		Priority organics - [M]	Combined Sewer Overflow - [M]
		Organic enrichment/DO - [T]	Specialty crop production - [M]
		Siltation - [T]	Landfills - [M]
			Contaminated sediments - [M]
			Land development/Suburbanization - [T]
			Municipal Point Sources - [T]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)		Source of Impairment/Magnitude)	
[02-239] - TOWN RUN - Segment Length: 1.75 miles					
OH35	1.1	92	Unknown toxicity - [H]	Urban Runoff/Storm Sewers (NPS) - [H]	
			Organic enrichment/DO - [M]	Other - [H]	
			Other habitat alterations - [H]	Source Unknown - [M]	
			Oil and grease - [M]		
			Metals - [M]		
[02-126] - BLUES CREEK - Segment Length: 22.70 miles					
OH35	2	92	Other habitat alterations - [H]	Channelization - [H]	
			Organic enrichment/DO - [M]	Nonirrigated crop production - [M]	
[02-132] - TRIB. TO MILL CREEK (BMY) - Segment Length: 5.17 miles					
OH35	7	92	Metals - [M]	Industrial Point Sources - [M]	
			Organic enrichment/DO - [S]	Channelization - [H]	
			Other habitat alterations - [H]	Nonirrigated crop production - [H]	
[02-133] - CROSSES RUN - Segment Length: 2.80 miles					
OH35	8	92	Pesticides - [M]	Industrial Point Sources - [H]	
			Organic enrichment/DO - [M]	Specialty crop production - [M]	
			Priority organics - [M]		
			Total toxics - [M]		
[02-001] - SCIOTO RIVER (BOKES CREEK TO MILL CREEK) - Segment Length: 6.48 miles					
OH35	12	92	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]	
[02-138] - BOKES CREEK (BRUSH RUN TO SCIOTO RIVER) - Segment Length: 19.71 miles					
OH35	15	94	Nutrients - [M]	Agriculture - [H]	
			Siltation - [M]	Animal holding/management areas - [H]	
			Other habitat alterations - [S]		
			Unknown toxicity - [H]		
[02-138] - BOKES CREEK (HEADWATERS TO BRUSH RUN) - Segment Length: 19.99 miles					
OH35	18	94	Nutrients - [M]	Agriculture - [H]	
			Siltation - [M]	Animal holding/management areas - [H]	
			Other habitat alterations - [M]		
			Unknown toxicity - [H]		
[-] - Segment Length: 0.00 miles					
OH35	18.1	96	Nutrients - [H]	Feedlots (Confined Animal Feeding Oper.) - [H]	
			Siltation - [M]		
			Other habitat alterations - [H]		
[02-144] - POWDERLICK RUN - Segment Length: 5.10 miles					
OH35	19	90	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]	
			Other habitat alterations - [M]	Channelization - [M]	
			Nutrients - [H]		
[02-194] - W. FK. WEST MANSFIELD TRIB. - Segment Length: 2.50 miles					
OH35	21	88	Organic enrichment/DO - [H]	Pasture land - [H]	
			Other habitat alterations - [H]		
[02-195] - E. FK. WEST MANSFIELD TRIB. - Segment Length: 2.67 miles					
OH35	22	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]	
			Other habitat alterations - [M]	Pasture land - [M]	
				Nonirrigated crop production - [S]	
[02-229] - MAYOR PAINTER DITCH - Segment Length: 3.60 miles					

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH35 23	88	Organic enrichment/DO - [H] Unionized Ammonia - [H]	Onsite wastewater systems (septic tanks) - [H]
[02-001] - SCIOTO RIVER (FULTON CREEK TO BOKES CREEK) - Segment Length: 3.56 miles			
OH35 24	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]
[02-145] - FULTON CREEK - Segment Length: 16.60 miles			
OH35 25	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[02-233] - TRIB. TO FULTON CREEK - Segment Length: 3.30 miles			
OH35 25.1	88	Organic enrichment/DO - [H] Metals - [H]	Combined Sewer Overflow - [H] Urban Runoff/Storm Sewers (NPS) - [H]
[02-001] - SCIOTO RIVER (LITTLE SCIOTO RIVER TO FULTON CREEK) - Segment Length: 11.91 miles			
OH35 27	88	Priority organics - [H] Unknown toxicity - [M] Organic enrichment/DO - [M] Other habitat alterations - [S] Siltation - [M]	Hazardous waste - [H] Industrial Point Sources - [M] Municipal Point Sources - [M] Dam construction - [S] Agriculture - [S]
UPPER OLENTANGY RIVER			
[02-400] - OLENTANGY RIVER (WHETSTONE CREEK TO DELAWARE RUN) - Segment Length: 10.36 miles			
OH36 1	90	Flow alteration - [H] Other habitat alterations - [M] Organic enrichment/DO - [S]	Flow regulation/modification - [H] Dam construction - [H]
[02-453] - SHAW CREEK - Segment Length: 18.20 miles			
OH36 11	96	Siltation - [T] Oil and grease - [T] Other habitat alterations - [T]	Agriculture - [T] Spills - [T]
[02-450] - WHETSTONE CREEK (HEADWATERS TO SHAW CREEK) - Segment Length: 26.50 miles			
OH36 12	96	Organic enrichment/DO - [H] Nutrients - [H] Unionized Ammonia - [H] Chlorine - [H] Other habitat alterations - [H] Siltation - [M] Other habitat alterations - [M] Metals - [S] Pesticides - [S]	Minor Municipal Point Source - [H] Onsite wastewater systems (septic tanks) - [H] Other Urban Runoff - [H] Removal of riparian vegetation - [H] Agriculture - [H] - [M] - [H] Contaminated sediments - [S]
[02-418] - GRAVE CREEK - Segment Length: 8.60 miles			
OH36 22	96	Organic enrichment/DO - [H] Nutrients - [S]	Minor Municipal Point Source - [H]
[02-400] - OLENTANGY RIVER (MUD RUN TO GRAVE CREEK) - Segment Length: 17.09 miles			
OH36 23	96	Siltation - [H] Nutrients - [M] Unionized Ammonia - [S]	Nonirrigated crop production - [H] Streambank modification/destabilization - [M] Onsite wastewater systems (septic tanks) - [S]
[02-429] - MUD RUN (TRIB. OF OLENTANGY RIVER) - Segment Length: 10.50 miles			
OH36 34	96	Other habitat alterations - [H] Flow alteration - [H] Siltation - [S] Organic enrichment/DO - [S]	Channelization - [H] Removal of riparian vegetation - [H] Nonirrigated crop production - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[02-400] - OLENTANGY RIVER (HEADWATERS TO MUD RUN) - Segment Length: 30.54 miles			
OH36 35	96	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
		Nutrients - [H]	Removal of riparian vegetation - [M]
		Unionized Ammonia - [H]	Channelization - [M]
		Other habitat alterations - [M]	Other Urban Runoff - [S]
		Flow alteration - [M]	
		Metals - [S]	
		Priority organics - [S]	
LOWER OLENTANGY RIVER			
[02-001] - SCIOTO RIVER (SCIOTO BIG RUN TO BIG WALNUT CREEK) - Segment Length: 7.25 miles			
OH37 1	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Unionized Ammonia - [M]	Municipal Point Sources - [H]
[02-092] - SCIOTO BIG RUN - Segment Length: 8.00 miles			
OH37 4	96	Siltation - [H]	Other Urban Runoff - [M]
		Flow alteration - [M]	Surface Mining - [H]
		Other habitat alterations - [M]	Channelization - [H]
		Organic enrichment/DO - [M]	
[02-093] - MARSH RUN - Segment Length: 3.00 miles			
OH37 5	96	Unknown toxicity - [H]	Source Unknown - [H]
		Flow alteration - [M]	Other Urban Runoff - [M]
[02-001] - SCIOTO RIVER (OLENTANGY RIVER TO SCIOTO BIG RUN) - Segment Length: 7.93 miles			
OH37 6	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Unionized Ammonia - [M]	Municipal Point Sources - [H]
		Flow alteration - [M]	Flow regulation/modification - [M]
			Dam construction - [S]
[02-197] - KIAN RUN - Segment Length: 7.90 miles			
OH37 7	88	Metals - [H]	Industrial Point Sources - [H]
			Urban Runoff/Storm Sewers (NPS) - [M]
[02-400] - OLENTANGY RIVER (BARTHOLOMEW RUN TO SCIOTO RIVER) - Segment Length: 14.48 miles			
OH37 9	90	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Other habitat alterations - [M]	Dam construction - [H]
		Flow alteration - [M]	Other Urban Runoff - [M]
			Industrial Point Sources - [S]
		Organic enrichment/DO - [T]	Combined Sewer Overflow - [T]
		Other habitat alterations - [T]	Dam construction - [T]
		Flow alteration - [T]	Other Urban Runoff - [T]
[02-403] - RUSH RUN - Segment Length: 1.50 miles			
OH37 12	96	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Flow alteration - [M]	Other Urban Runoff - [M]
[02-400] - OLENTANGY RIVER (DELAWARE RUN TO BARTHOLOMEW RUN) - Segment Length: 11.23 miles			
OH37 13	90	Nutrients - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [S]
			Other Urban Runoff - [S]
		Organic enrichment/DO - [T]	Onsite wastewater systems (septic tanks) - [T]
			Other Urban Runoff - [T]
[02-238] - INDIAN RUN - Segment Length: 0.38 miles			
OH37 19.1	88	Metals - [H]	Source Unknown - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[02-266] - TRABUE RUN - Segment Length: 5.30 miles			
OH37 19.2	96	Organic enrichment/DO - [H] Priority organics - [H] Flow alteration - [M]	Other Urban Runoff - [H]
[02-001] - SCIOTO RIVER (MILL CREEK TO INDIAN RUN) - Segment Length: 10.22 miles			
OH37 25	92	Other habitat alterations - [H] Nutrients - [M] Nutrients - [T] Other habitat alterations - [T]	Dam construction - [H] Nonirrigated crop production - [M] Nonirrigated crop production - [T] Dam construction - [T]
[02-108] - EVERSOLE RUN - Segment Length: 3.60 miles			
OH37 27	96	Siltation - [T]	Land development/Suburbanization - [T]
BIG WALNUT CREEK			
[02-100] - BIG WALNUT CREEK (ALUM/BLACKLICK CR. TO SCIOTO R.) - Segment Length: 15.30 miles			
OH38 1	94	Suspended solids - [T]	Surface Mining - [T]
[02-110] - ALUM CREEK (COLUMBUS BOUNDARY TO BIG WALNUT CREEK) - Segment Length: 19.90 miles			
OH38 2	88	Organic enrichment/DO - [H] Flow alteration - [M] Siltation - [S]	Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [H] Urban Runoff/Storm Sewers (NPS) - [S] Flow regulation/modification - [M] Land development/Suburbanization - [S]
[02-264] - MEACHAM RUN - Segment Length: 6.34 miles			
OH38 4.1	96	Other habitat alterations - [T]	Land development/Suburbanization - [T] Removal of riparian vegetation - [T]
[02-265] - NOBLE RUN (SPRING HOLLOW) - Segment Length: 6.11 miles			
OH38 4.2	96	Siltation - [T] Other habitat alterations - [T]	Land development/Suburbanization - [T] Hydromodification - [T]
[02-130] - BLACKLICK CREEK - Segment Length: 28.00 miles			
OH38 17	94	Organic enrichment/DO - [H] Nutrients - [H] Unionized Ammonia - [M] Pathogens - [M] Noxious aquatic plants - [M] Siltation - [T] Other habitat alterations - [T]	Onsite wastewater systems (septic tanks) - [H] Agriculture - [S] Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [M] Pasture land - [M] Land development/Suburbanization - [T]
[02-100] - BIG WALNUT CREEK (ROCKY FORK TO ALUM CREEK) - Segment Length: 13.00 miles			
OH38 18	94	Cause Unknown - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
[02-100] - BIG WALNUT CREEK (HOOVER RES. DAM TO ROCKY FORK) - Segment Length: 9.30 miles			
OH38 20	94	Thermal modifications - [H] Flow alteration - [T]	Upstream impoundment - [H] Flow regulation/modification - [T]
[02-123] - ROCKY FORK - Segment Length: 13.00 miles			
OH38 21	96	Siltation - [H] Turbidity - [M] Organic enrichment/DO - [H] Siltation - [T]	Land development/Suburbanization - [H] Onsite wastewater systems (septic tanks) - [H] Land development/Suburbanization - [T]
[02-252] - ROSE RUN - Segment Length: 3.40 miles			
OH38 21.1	94	Other habitat alterations - [T]	Construction - [T]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Organic enrichment/DO - [T]	Onsite wastewater systems (septic tanks) - [T]
[02-100] - BIG WALNUT CREEK (CULVER CREEK TO L. WALNUT CR.) - Segment Length: 6.40 miles			
OH38 28	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Onsite wastewater systems (septic tanks) - [S]
[02-125] - PRAIRIE RUN - Segment Length: 3.60 miles			
OH38 29	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [H]	Industrial Point Sources - [M]
			Urban Runoff/Storm Sewers (NPS) - [M]
			Urban Runoff/Storm Sewers (NPS) - [S]
			Industrial land treatment - [S]
[02-103] - LONG RUN - Segment Length: 6.40 miles			
OH38 39	88	Organic enrichment/DO - [H]	Feedlots (Confined Animal Feeding Oper.) - [H]
		Other habitat alterations - [S]	Channelization - [S]
[02-100] - BIG WALNUT CREEK (HEADWATERS TO REYNOLDS RUN) - Segment Length: 8.94 miles			
OH38 40	90	Flow alteration - [H]	Recreational activities - [H]
		Organic enrichment/DO - [S]	Onsite wastewater systems (septic tanks) - [S]
BIG DARBY CREEK			
[02-200] - BIG DARBY CREEK (DARBYVILLE TO SCIOTO RIVER) - Segment Length: 12.93 miles			
OH39 1	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
			Nonirrigated crop production - [M]
			Nonirrigated crop production - [T]
		Siltation - [T]	
[02-204] - HELLBRANCH RUN - Segment Length: 11.18 miles			
OH39 6	96	Nutrients - [H]	Package Plants (Small Flows) - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Organic enrichment/DO - [H]	Land development/Suburbanization - [M]
		Other habitat alterations - [H]	Onsite wastewater systems (septic tanks) - [M]
		Pathogens - [H]	Other Urban Runoff - [H]
		Siltation - [T]	Land development/Suburbanization - [T]
		Other habitat alterations - [T]	
[02-245] - CLOVER GROFF DITCH - Segment Length: 8.50 miles			
OH39 6.1	96	Nutrients - [H]	Nonirrigated crop production - [H]
		Siltation - [H]	Highway/road/bridge/sewer line - [S]
		Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [M]
		Other habitat alterations - [H]	Channelization - [H]
		Pathogens - [M]	Animal holding/management areas - [S]
			Package Plants (Small Flows) - [H]
			Construction - [M]
[02-259] - HAMILTON DITCH - Segment Length: 6.20 miles			
OH39 6.2	96	Nutrients - [H]	Nonirrigated crop production - [H]
		Siltation - [H]	Channelization - [H]
		Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
		Other habitat alterations - [H]	Highway/road/bridge/sewer line - [S]
		Pathogens - [S]	Construction - [H]
[02-210] - LITTLE DARBY CREEK (SPRING FORK TO BIG DARBY CR.) - Segment Length: 7.50 miles			
OH39 8	96	Siltation - [H]	Dam construction - [H]
		Other habitat alterations - [M]	

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[02-210] - LITTLE DARBY CREEK (TREACLE CREEK TO SPRING FORK) - Segment Length: 23.80 miles			
OH39 10	88	Unionized Ammonia - [H]	Nonirrigated crop production - [S]
[02-213] - TREACLE CREEK - Segment Length: 14.20 miles			
OH39 12	96	Organic enrichment/DO - [H]	Pasture land - [H]
		Pathogens - [M]	Channelization - [M]
		Nutrients - [M]	Streambank modification/destabilization - [M]
		Other habitat alterations - [M]	
[02-210] - LITTLE DARBY CREEK (HEADWATERS TO TREACLE CREEK) - Segment Length: 13.70 miles			
OH39 15	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Nonirrigated crop production - [S]
[02-200] - BIG DARBY CREEK (FITZGERALD DITCH TO L. DARBY CR.) - Segment Length: 10.86 miles			
OH39 19	96	Organic enrichment/DO - [H]	Package Plants (Small Flows) - [H]
		Nutrients - [M]	Onsite wastewater systems (septic tanks) - [M]
			Combined Sewer Overflow - [H]
[02-272] - FITZGERALD DITCH - Segment Length: 4.60 miles			
OH39 19.1	96	Unionized Ammonia - [H]	Spills - [H]
		Organic enrichment/DO - [M]	Channelization - [M]
		Nutrients - [M]	
		Other habitat alterations - [S]	
[02-200] - BIG DARBY CREEK (BUCK RUN TO SUGAR RUN) - Segment Length: 12.82 miles			
OH39 22	96	Organic enrichment/DO - [T]	Major Municipal Point Source - [T]
[02-206] - SUGAR RUN - Segment Length: 8.00 miles			
OH39 23	94	Unionized Ammonia - [H]	Land Disposal - [H]
		Nutrients - [H]	Feedlots (Confined Animal Feeding Oper.) - [H]
		Organic enrichment/DO - [M]	Nonirrigated crop production - [M]
		Other habitat alterations - [M]	Municipal Point Sources - [M]
		Pesticides - [M]	Channelization - [M]
[02-209] - BUCK RUN - Segment Length: 14.70 miles			
OH39 27	96	Organic enrichment/DO - [H]	Pasture land - [H]
		Siltation - [M]	Streambank modification/destabilization - [M]
		Other habitat alterations - [S]	Highway/road/bridge/sewer line - [M]
			Flow regulation/modification - [M]
[02-221] - PLEASANT RUN - Segment Length: 8.00 miles			
OH39 30	90		
[02-251] - LITTLE DARBY CREEK - Segment Length: 6.00 miles			
OH39 32	90	Other habitat alterations - [H]	Channelization - [H]
		Other habitat alterations - [T]	Channelization - [T]
		Siltation - [T]	Land development/Suburbanization - [T]
			Removal of riparian vegetation - [T]
[02-223] - FLAT BRANCH - Segment Length: 4.70 miles			
OH39 33	96	Other habitat alterations - [H]	Channelization - [H]
		Siltation - [M]	Highway/road/bridge/sewer line - [H]
		Organic enrichment/DO - [H]	
WALNUT CREEK			
[02-001] - SCIOTO RIVER (WALNUT CREEK TO BIG DARBY CREEK) - Segment Length: 5.30 miles			
OH40 1	94	Siltation - [T]	Removal of riparian vegetation - [T]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [T]	Land development/Suburbanization - [T]
[02-078] - WALNUT CREEK (GEORGE CREEK TO LITTLE WALNUT CREEK) - Segment Length: 15.68 miles			
OH40 9	96	Organic enrichment/DO - [T]	Minor Municipal Point Source - [T]
		Nutrients - [T]	Onsite wastewater systems (septic tanks) - [T]
[02-084] - GEORGES CREEK - Segment Length: 8.50 miles			
OH40 12	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Onsite wastewater systems (septic tanks) - [S]
[02-231] - TRIB. TO GEORGES CREEK - Segment Length: 8.50 miles			
OH40 12.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[02-078] - WALNUT CREEK (SYCAMORE CREEK TO GEORGE CREEK) - Segment Length: 8.03 miles			
OH40 13	96	Organic enrichment/DO - [T]	Minor Municipal Point Source - [T]
		Nutrients - [T]	Onsite wastewater systems (septic tanks) - [T]
		Suspended solids - [T]	
[02-226] - TUSSING DITCH - Segment Length: 8.00 miles			
OH40 14	88	Other habitat alterations - [H]	Channelization - [H]
		Metals - [M]	Industrial Point Sources - [M]
[02-085] - SYCAMORE CREEK - Segment Length: 13.60 miles			
OH40 15	96	Organic enrichment/DO - [T]	Minor Municipal Point Source - [T]
			Onsite wastewater systems (septic tanks) - [T]
[02-078] - WALNUT CREEK (PAWPAW CREEK TO SYCAMORE CREEK) - Segment Length: 12.21 miles			
OH40 16	96	Organic enrichment/DO - [T]	Onsite wastewater systems (septic tanks) - [T]
		Nutrients - [T]	Non-industrial Permitted - [T]
			Minor Industrial Point Source - [T]
			Agriculture - [H]
[02-199] - GILLETTE RUN - Segment Length: 6.50 miles			
OH40 17	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
[02-087] - PAWPAW CREEK - Segment Length: 4.70 miles			
OH40 19	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Unknown toxicity - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
[02-224] - ZELLERBACH TRIB. - Segment Length: 6.79 miles			
OH40 20	88	Flow alteration - [H]	Other - [H]
[02-078] - WALNUT CREEK (HEADWATERS TO PAWPAW CREEK) - Segment Length: 13.05 miles			
OH40 21	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Nonirrigated crop production - [S]
[02-225] - PLEASANTVILLE-THURSTON WWTP TRIB. - Segment Length: 7.40 miles			
OH40 22	88	Other habitat alterations - [H]	Channelization - [H]
MIDDLE SCIOTO RIVER (INCLUDING DEER CREEK)			
[02-001] - SCIOTO RIVER (KINNIKINNICK CREEK TO PAINT CREEK) - Segment Length: 19.46 miles			
OH41 1	94	Other habitat alterations - [H]	Streambank modification/destabilization - [H]
		Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [H]	
		Other habitat alterations - [T]	Removal of riparian vegetation - [T]
		Siltation - [T]	Nonirrigated crop production - [T]
[02-001] - SCIOTO RIVER (SCIPPO CREEK TO KINNIKINNICK CREEK) - Segment Length: 6.63 miles			
OH41 6	94	Other habitat alterations - [H]	Streambank modification/destabilization - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [T] Siltation - [T]	Removal of riparian vegetation - [T] Nonirrigated crop production - [T]
[02-196] - BLACKWATER CREEK - Segment Length: 7.00 miles			
OH41 6.1	96	Organic enrichment/DO - [H] Unionized Ammonia - [H] Other habitat alterations - [M]	Municipal Point Sources - [H] Channelization - [M]
[02-302] - HAY RUN - Segment Length: 7.50 miles			
OH41 9	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[02-300] - DEER CREEK (OAK RUN TO SUGAR RUN) - Segment Length: 8.96 miles			
OH41 26	88	Siltation - [H]	Nonirrigated crop production - [H] Pasture land - [M]
[02-316] - OAK RUN - Segment Length: 16.61 miles			
OH41 28	88	Organic enrichment/DO - [H] Metals - [S] Pesticides - [S]	Municipal Point Sources - [H] Aquaculture - [S] Spills - [S]
[02-320] - JONES DITCH - Segment Length: 2.47 miles			
OH41 28.1	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[02-322] - CHILDRENS HOME DITCH - Segment Length: 2.90 miles			
OH41 30.1	90	Organic enrichment/DO - [H] Organic enrichment/DO - [T]	Municipal Point Sources - [H] Municipal Point Sources - [T]
[02-001] - SCIOTO RIVER (BIG DARBY CREEK TO SCIPPO CREEK) - Segment Length: 11.19 miles			
OH41 33	94	Other habitat alterations - [H] Other habitat alterations - [T] Siltation - [T]	Streambank modification/destabilization - [H] Removal of riparian vegetation - [T] Nonirrigated crop production - [T]
[02-069] - SCIPPO CREEK - Segment Length: 19.47 miles			
OH41 34	96	Organic enrichment/DO - [H] Other habitat alterations - [H] Unknown toxicity - [H] Priority organics - [M] Other habitat alterations - [T]	Onsite wastewater systems (septic tanks) - [H] Streambank modification/destabilization - [H] Industrial Point Sources - [H] Removal of riparian vegetation - [T]
[02-262] - TRIB. TO SCIPPO CREEK (RM 18.87) - Segment Length: 0.25 miles			
OH41 34.2	96	Unionized Ammonia - [H] Organic enrichment/DO - [H]	Package Plants (Small Flows) - [H]
[02-070] - CONGO CREEK - Segment Length: 8.50 miles			
OH41 35	96	Other habitat alterations - [T]	Removal of riparian vegetation - [T]
[02-073] - LICK RUN - Segment Length: 6.70 miles			
OH41 38	96	Siltation - [H] Nutrients - [M] Other habitat alterations - [H]	Agriculture - [H] Channelization - [H]
[02-074] - HARGUS CREEK - Segment Length: 6.60 miles			
OH41 39	94	Organic enrichment/DO - [M] Organic enrichment/DO - [M] Other habitat alterations - [S] Other habitat alterations - [T]	Municipal Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [M] Hydromodification - [S] Onsite wastewater systems (septic tanks) - [S] Hydromodification - [T]
[02-075] - HOMINY CREEK - Segment Length: 3.70 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH41 40	94	Other habitat alterations - [T]	Hydromodification - [T]
UPPER PAINT CREEK			
[02-500] - PAINT CREEK (UPPER RESERVOIR TO ROCKY FORK) - Segment Length: 13.88 miles			
OH42 1	90		
[02-550] - RATTLESNAKE CREEK (WEST BRANCH TO LEES CREEK) - Segment Length: 17.41 miles			
OH42 15	88	Unionized Ammonia - [H]	Nonirrigated crop production - [S] Pasture land - [S] Onsite wastewater systems (septic tanks) - [S]
[02-562] - WEST BRANCH RATTLESNAKE CREEK - Segment Length: 11.80 miles			
OH42 16	88	Other habitat alterations - [H]	Channelization - [H]
[02-563] - WILSON CREEK - Segment Length: 10.20 miles			
OH42 18	88	Organic enrichment/DO - [H] Unionized Ammonia - [H]	Municipal Point Sources - [H]
[02-500] - PAINT CREEK (SUGAR CREEK TO UPPER PAINT CREEK RES) - Segment Length: 9.63 miles			
OH42 24	90		
[02-579] - SUGAR CREEK - Segment Length: 35.70 miles			
OH42 30	88	Other habitat alterations - [H]	Channelization - [H]
[02-500] - PAINT CREEK (E. FK. PAINT CREEK TO SUGAR CREEK) - Segment Length: 8.41 miles			
OH42 31	90	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[02-500] - PAINT CREEK (JEFFERSONVILLE TO E. FK. PAINT CREEK) - Segment Length: 12.56 miles			
OH42 35	90	Noxious aquatic plants - [H] Other habitat alterations - [M] Organic enrichment/DO - [M] Metals - [S]	Source Unknown - [H] Channelization - [M] Municipal Point Sources - [M] Contaminated sediments - [S]
LOWER PAINT CREEK (N. FK. AND ROCKY FK.)			
[02-500] - PAINT CREEK (N. FK. PAINT CREEK TO SCIOTO RIVER) - Segment Length: 8.12 miles			
OH43 1	94	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
[02-500] - PAINT CREEK (ROCKY FORK TO LOWER TWIN CREEK) - Segment Length: 17.55 miles			
OH43 27	90		
[02-540] - CLEAR CREEK - Segment Length: 11.90 miles			
OH43 49	88	Organic enrichment/DO - [H] Metals - [M]	Municipal Point Sources - [H]
[02-587] - LITTLE ROCK CREEK - Segment Length: 4.77 miles			
OH43 49.2	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[02-586] - WEST FORK CLEAR CREEK - Segment Length: 3.30 miles			
OH43 49.5	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[02-530] - ROCKY FORK (HEADWATERS TO ROCKY FORK LAKE) - Segment Length: 10.62 miles			
OH43 51	88	Other habitat alterations - [H]	Dam construction - [H]
SALT CREEK			
[02-600] - SALT CREEK (SALT LICK CREEK TO SCIOTO RIVER) - Segment Length: 4.50 miles			
OH44 1	94	Siltation - [H]	Streambank modification/destabilization - [H] Silviculture - [M]
[02-610] - SALT LICK CREEK (BUCKEYE CREEK TO SALT CREEK) - Segment Length: 21.28 miles			
OH44 3	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
			Petroleum activities - [S]
[02-611] - M. FK. SALT CREEK (PIGEON CR TO SALT LICK CR) - Segment Length: 4.37 miles			
OH44	4	90	Siltation - [H] Surface Mining - [H]
		Noxious aquatic plants - [M]	
		Siltation - [T]	Surface Mining - [T]
[02-612] - PIGEON CREEK (HEADWATERS TO MIDDLE FORK) - Segment Length: 14.00 miles			
OH44	5	88	Unionized Ammonia - [H] Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [S]
			Petroleum activities - [S]
[02-611] - M. FK. SALT CREEK (HEADWATERS TO PIGEON CR.) - Segment Length: 19.40 miles			
OH44	8	90	Siltation - [H] Surface Mining - [H]
		Noxious aquatic plants - [M]	
[02-610] - SALT LICK CREEK (HEADWATERS TO BUCKEYE CREEK) - Segment Length: 7.30 miles			
OH44	16	88	Siltation - [H] Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	Nonirrigated crop production - [H]
		Unionized Ammonia - [H]	Pasture land - [H]
		Metals - [H]	
[02-622] - BUCKEYE CREEK - Segment Length: 7.70 miles			
OH44	17	88	Siltation - [H] Petroleum activities - [S]
			Nonirrigated crop production - [S]
			Pasture land - [S]
[02-623] - FOURMILE CREEK - Segment Length: 6.50 miles			
OH44	18	88	Flow alteration - [H] Other - [H]
[02-600] - SALT CREEK (PIKE RUN TO SALT LICK CREEK) - Segment Length: 9.59 miles			
OH44	19	94	Cause Unknown - [H] Source Unknown - [H]
		Other habitat alterations - [T]	Removal of riparian vegetation - [T]
		Siltation - [T]	Nonirrigated crop production - [T]
[02-600] - SALT CREEK (QUEER CREEK TO PIKE RUN) - Segment Length: 11.31 miles			
OH44	24	94	Cause Unknown - [H] Source Unknown - [H]
		Siltation - [T]	Nonirrigated crop production - [T]
		Other habitat alterations - [T]	Removal of riparian vegetation - [T]
[02-600] - SALT CREEK (LAUREL RUN TO QUEER CREEK) - Segment Length: 7.70 miles			
OH44	33	94	Siltation - [H] Streambank modification/destabilization - [H]
		Siltation - [T]	Removal of riparian vegetation - [T]
		Other habitat alterations - [T]	Nonirrigated crop production - [T]
[02-640] - LAUREL RUN - Segment Length: 13.30 miles			
OH44	44	94	Siltation - [T] Silviculture - [T]
		Other habitat alterations - [T]	Flow regulation/modification - [T]
[02-643] - MIDDLE FORK LAUREL RUN - Segment Length: 6.20 miles			
OH44	47	94	Siltation - [T] Removal of riparian vegetation - [T]
		Other habitat alterations - [T]	Nonirrigated crop production - [T]
SCIOTO RIVER (SUNFISH CR.,BEAVER CR.)			
[02-800] - SUNFISH CREEK (CHENOWETH FORK TO SCIOTO RIVER) - Segment Length: 8.46 miles			
OH45	1	88	Other habitat alterations - [H] Other - [H]
			Petroleum activities - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[02-022] - BIG BEAVER CREEK - Segment Length: 23.20 miles			
OH45 20	94	Cause Unknown - [S]	Source Unknown - [S]
[02-023] - LITTLE BEAVER CREEK - Segment Length: 5.90 miles			
OH45 21	96	Metals - [H]	Major Industrial Point Source - [H]
		Radiation - [S]	Hazardous waste - [S]
		Priority organics - [S]	Natural - [H]
		Flow alteration - [H]	
[02-001] - SCIOTO RIVER (PEEPEE CREEK TO SUNFISH CREEK) - Segment Length: 11.25 miles			
OH45 29	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Unknown toxicity - [M]	
[02-035] - PEEPEE CREEK - Segment Length: 14.50 miles			
OH45 34	88	Unionized Ammonia - [H]	Agriculture - [S]
			Urban Runoff/Storm Sewers (NPS) - [S]
			Silviculture - [S]
[02-001] - SCIOTO RIVER (SALT CREEK TO PEEPEE CREEK) - Segment Length: 13.11 miles			
OH45 44	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Unknown toxicity - [S]	Contaminated sediments - [S]
[02-001] - SCIOTO RIVER (PAINT CREEK TO SALT CREEK) - Segment Length: 12.32 miles			
OH45 56	94	Unknown toxicity - [T]	Industrial Point Sources - [T]
LOWER SCIOTO RIVER (AND SCIOTO BRUSH CREEK)			
[02-001] - SCIOTO RIVER (SCIOTO BRUSH CREEK TO OHIO RIVER) - Segment Length: 9.20 miles			
OH46 1	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
[02-710] - S FK SCIOTO BRUSH (SHAWNEE CR. TO SCIOTO BRUSH CR) - Segment Length: 8.30 miles			
OH46 23	88	Unionized Ammonia - [H]	Surface Mining - [S]
			Petroleum activities - [S]
		Unionized Ammonia - [T]	Surface Mining - [T]
			Petroleum activities - [T]
[02-722] - TURKEY RUN - Segment Length: 3.00 miles			
OH46 36	88	Metals - [H]	Surface Mining - [S]
			Petroleum activities - [S]
			Nonirrigated crop production - [S]
[02-728] - MILL CREEK - Segment Length: 5.00 miles			
OH46 42	88	Metals - [H]	Surface Mining - [S]
			Petroleum activities - [S]
			Nonirrigated crop production - [S]
[02-700] - SCIOTO BRUSH CREEK (RARDEN CREEK TO SOUTH FORK) - Segment Length: 7.05 miles			
OH46 63	92	Metals - [T]	Nonirrigated crop production - [T]
			Surface Mining - [T]
			Petroleum activities - [T]
[02-001] - SCIOTO RIVER (SUNFISH CREEK TO SCIOTO BRUSH CREEK) - Segment Length: 17.62 miles			
OH46 84	88	Organic enrichment/DO - [H]	Industrial Point Sources - [M]
		Unknown toxicity - [M]	
[02-247] - WEST DITCH (PIKETON D.O.E.) - Segment Length: 3.15 miles			
OH46 84.1	96	Other habitat alterations - [H]	Pasture land - [M]
			- [H]
			Major Municipal Point Source - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[02-012] - BIG RUN - Segment Length: 5.50 miles			
OH46 90	96	Other habitat alterations - [H] Unknown toxicity - [S]	- [H] Flow regulation/modification - [H] Minor Industrial Point Source - [M]
SW TRIBS (EAGLE CREEK AND STRAIGHT CREEK)			
[10-100] - EAGLE CREEK(E/N FORK EAGLE CREEK TO OHIO RIVER) - Segment Length: 14.56 miles			
OH47 27	88	Flow alteration - [H] Siltation - [M]	Natural - [H] Nonirrigated crop production - [M] Irrigated crop production - [M]
[10-508] - TURKEY CREEK - Segment Length: 13.40 miles			
OH47115	88	Metals - [H]	Highway maintenance and runoff - [H]
OHIO BRUSH CREEK			
[10-200] - OHIO BRUSH CREEK (SEMPLE CREEK TO OHIO RIVER) - Segment Length: 14.10 miles			
OH48 1	88	Flow alteration - [H] Other habitat alterations - [H] Siltation - [M] Organic enrichment/DO - [M]	Flow regulation/modification - [H] Natural - [H] Nonirrigated crop production - [M] Feedlots (Confined Animal Feeding Oper.) - [S]
[10-205] - BEASLEY FORK - Segment Length: 6.80 miles			
OH48 6	88	Organic enrichment/DO - [H] Flow alteration - [H] Flow alteration - [T]	Municipal Point Sources - [H] Other - [H] Other - [T]
[10-200] - OHIO BRUSH CREEK (WEST FORK TO SEMPLE CREEK) - Segment Length: 14.60 miles			
OH48 11	92	Flow alteration - [T] Other habitat alterations - [T]	Dam construction - [T]
[10-211] - LICK CREEK - Segment Length: 7.60 miles			
OH48 13	88	Flow alteration - [H]	Other - [H]
[10-215] - LOUISE TRIBUTARY - Segment Length: 4.00 miles			
OH48 16	88	Flow alteration - [H]	Other - [H]
[10-220] - WEST FORK (BUCK RUN TO OHIO BRUSH CREEK) - Segment Length: 9.00 miles			
OH48 18	88	Flow alteration - [H] Organic enrichment/DO - [H] Siltation - [M]	Municipal Point Sources - [H] Natural - [H] Nonirrigated crop production - [M]
[10-250] - TRIB. TO W. FK. OHIO BRUSH CR. (SEAMAN) - Segment Length: 1.92 miles			
OH48 18.1	88	Unionized Ammonia - [H] Nutrients - [H]	Municipal Point Sources - [H]
[10-224] - CHERRY FORK - Segment Length: 10.30 miles			
OH48 22	88	Flow alteration - [H] Siltation - [M]	Other - [H] Nonirrigated crop production - [M] Pasture land - [M] Feedlots (Confined Animal Feeding Oper.) - [S]
[10-230] - ELK FORK - Segment Length: 4.50 miles			
OH48 29	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Pasture land - [H]
[10-200] - OHIO BRUSH CREEK (BAKER FORK TO WEST FORK) - Segment Length: 12.50 miles			
OH48 31	96	Flow alteration - [T]	Dam construction - [T]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[10-248] - SHIMER RUN - Segment Length: 4.50 miles			
OH48 32	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[10-240] - BAKER FORK - Segment Length: 17.10 miles			
OH48 37	96	Flow alteration - [T]	Dam construction - [T]
[10-241] - MIDDLE FORK - Segment Length: 7.00 miles			
OH48 38	96	Flow alteration - [T]	Dam construction - [T]
[10-200] - OHIO BRUSH CREEK (HEADWATERS TO BAKER FORK) - Segment Length: 15.92 miles			
OH48 44	88	Flow alteration - [H]	Other - [H]
SW TRIBS (WHITEOAK CR., INDIAN CR., BEAR CR.)			
[10-536] - EAST BRANCH FIVEMILE CREEK - Segment Length: 1.60 miles			
OH49 2.1	92	Unknown toxicity - [H]	Source Unknown - [H]
		Organic enrichment/DO - [M]	
[10-023] - BEAR CREEK - Segment Length: 8.90 miles			
OH49 27	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Onsite wastewater systems (septic tanks) - [S]
[10-400] - WHITEOAK CREEK (STERLING RUN TO OHIO RIVER) - Segment Length: 20.75 miles			
OH49 42	88	Other habitat alterations - [H]	Flow regulation/modification - [H]
			Mining - [M]
[10-430] - NORTH FORK WHITEOAK CREEK - Segment Length: 21.00 miles			
OH49 69	88	Siltation - [H]	Nonirrigated crop production - [H]
UPPER LITTLE MIAMI RIVER			
[11-001] - LITTLE MIAMI RIVER (GLADY RUN TO CAESAR CREEK) - Segment Length: 12.80 miles			
OH50 1	96	Nutrients - [H]	Major Municipal Point Source - [H]
		Organic enrichment/DO - [M]	Minor Municipal Point Source - [H]
		Suspended solids - [M]	
		Nutrients - [T]	Major Municipal Point Source - [T]
[11-030] - NEWMAN RUN - Segment Length: 4.00 miles			
OH50 2	96	Flow alteration - [H]	Natural - [H]
[11-001] - LITTLE MIAMI RIVER (BEAVER CREEK TO GLADY RUN) - Segment Length: 9.00 miles			
OH50 4	96	Unionized Ammonia - [H]	Major Municipal Point Source - [H]
		Nutrients - [H]	Minor Municipal Point Source - [H]
		Suspended solids - [H]	
		Organic enrichment/DO - [H]	Land development/Suburbanization - [T]
		Nutrients - [T]	Major Municipal Point Source - [T]
[11-032] - GLADY RUN - Segment Length: 6.30 miles			
OH50 5	96	Flow alteration - [H]	Natural - [H]
		Chlorine - [H]	Major Municipal Point Source - [H]
		Nutrients - [H]	
		Pathogens - [M]	
[11-050] - GLADY RUN SWALE - Segment Length: 0.60 miles			
OH50 5.1	96	Other habitat alterations - [H]	Channelization - [H]
		Nutrients - [H]	Major Municipal Point Source - [H]
[11-035] - BEAVER CREEK - Segment Length: 8.40 miles			
OH50 8	96	Other habitat alterations - [H]	Channelization - [H]
		Nutrients - [H]	Major Municipal Point Source - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Unionized Ammonia - [H] Pathogens - [M]	
[11-036] - LITTLE BEAVER CREEK - Segment Length: 9.00 miles			
OH50 9	96	Unionized Ammonia - [H] Metals - [H] Other habitat alterations - [H] Pathogens - [M] Unknown toxicity - [H] Cause Unknown - [H]	Major Municipal Point Source - [H] Channelization - [M] Spills - [M]
[11-001] - LITTLE MIAMI RIVER (MASSIES CREEK TO BEAVER CREEK) - Segment Length: 6.80 miles			
OH50 10	96	Nutrients - [T]	Major Municipal Point Source - [T] Land development/Suburbanization - [T]
[11-045] - SHAWNEE CREEK - Segment Length: 8.69 miles			
OH50 10.1	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
[11-404] - SOUTH FORK MASSIES CREEK - Segment Length: 9.60 miles			
OH50 16	96	Other habitat alterations - [H] Other habitat alterations - [T]	Channelization - [H] Agriculture - [H] Channelization - [T]
[11-001] - LITTLE MIAMI RIVER (NORTH FORK TO MASSIES CREEK) - Segment Length: 12.10 miles			
OH50 17	96	Organic enrichment/DO - [H] Nutrients - [H] Metals - [H] Pathogens - [H] Siltation - [M] Other habitat alterations - [H] Pesticides - [S] Nutrients - [T]	Manure lagoons - [H] Minor Municipal Point Source - [H] Agriculture - [H] Removal of riparian vegetation - [H] - [H] Source Unknown - [H] Land development/Suburbanization - [T] Major Municipal Point Source - [T]
[11-041] - NORTH FORK LITTLE MIAMI RIVER - Segment Length: 13.20 miles			
OH50 21	92	Siltation - [S] Organic enrichment/DO - [H] Other habitat alterations - [H]	Agriculture - [H] Channelization - [H]
[11-001] - LITTLE MIAMI RIVER (HEADWATERS TO NORTH FORK) - Segment Length: 13.90 miles			
OH50 23	96	Unionized Ammonia - [H] Nutrients - [H] Organic enrichment/DO - [H] Chlorine - [M] Siltation - [M] Pathogens - [H] Other habitat alterations - [M] Suspended solids - [M]	Manure lagoons - [H] Minor Municipal Point Source - [H] Agriculture - [H] Removal of riparian vegetation - [H] - [H]
[11-043] - LISBON FORK - Segment Length: 6.00 miles			
OH50 24	88	Organic enrichment/DO - [H] Siltation - [M]	Nonirrigated crop production - [H]
[11-044] - GILROY DITCH - Segment Length: 7.15 miles			
OH50 25	88	Organic enrichment/DO - [H] Unionized Ammonia - [H] Chlorine - [M]	Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
CAESAR CREEK			
[11-300] - CAESAR CREEK (CAESAR CREEK LAKE TO LITTLE MIAMI R) - Segment Length: 13.92 miles			
OH51 1	96	Cause Unknown - [H]	Source Unknown - [H]
[11-301] - FLAT FORK - Segment Length: 3.70 miles			
OH51 2	96	Organic enrichment/DO - [H]	Agriculture - [H]
		Flow alteration - [M]	Natural - [M]
		Nutrients - [H]	
[11-306] - ANDERSON FORK (GROG RUN TO CAESAR CREEK LAKE) - Segment Length: 11.02 miles			
OH51 7	96	Cause Unknown - [H]	Source Unknown - [H]
TODD FORK			
[11-200] - TODD FORK (LITTLE EAST FORK TO LITTLE MIAMI RIVER) - Segment Length: 14.07 miles			
OH52 3	88	Unionized Ammonia - [H]	Nonirrigated crop production - [S]
			Feedlots (Confined Animal Feeding Oper.) - [S]
			Onsite wastewater systems (septic tanks) - [S]
[11-203] - SECOND CREEK - Segment Length: 13.50 miles			
OH52 4	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Metals - [M]	Channelization - [S]
		Other habitat alterations - [S]	Onsite wastewater systems (septic tanks) - [S]
[11-200] - TODD FORK (DUTCH CREEK TO LITTLE EAST FORK) - Segment Length: 8.03 miles			
OH52 8	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]
			Municipal Point Sources - [H]
[11-212] - LYTLE CREEK - Segment Length: 11.25 miles			
OH52 14	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [H]	Urban Runoff/Storm Sewers (NPS) - [M]
		Metals - [M]	Channelization - [M]
			Other - [S]
		Flow alteration - [S]	
		Other habitat alterations - [S]	
[11-200] - TODD FORK (HEADWATERS TO DUTCH CREEK) - Segment Length: 12.90 miles			
OH52 17	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [S]
[11-215] - DUTCH CREEK - Segment Length: 5.50 miles			
OH52 18	88	Organic enrichment/DO - [H]	Source Unknown - [H]
EAST FORK LITTLE MIAMI RIVER			
[11-100] - E. FK. LITTLE MIAMI R. (STONELICK CR. TO L. MIAMI) - Segment Length: 8.80 miles			
OH53 1	96	Nutrients - [H]	Major Municipal Point Source - [H]
		Organic enrichment/DO - [H]	Spills - [M]
		Siltation - [M]	Land development/Suburbanization - [M]
			Land development/Suburbanization - [T]
		Nutrients - [T]	Major Municipal Point Source - [T]
[11-101] - HALL RUN - Segment Length: 5.70 miles			
OH53 2	96	Other habitat alterations - [H]	Sewer Line Construction - [H]
		Organic enrichment/DO - [H]	Other Urban Runoff - [M]
		Other habitat alterations - [T]	Land development/Suburbanization - [T]
		Organic enrichment/DO - [T]	Sewer Line Construction - [T]
[11-105] - SHAYLER RUN - Segment Length: 7.80 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH53 6	92	Other habitat alterations - [H] Flow alteration - [H] Organic enrichment/DO - [H] Other habitat alterations - [T] Flow alteration - [T] Organic enrichment/DO - [T]	Combined Sewer Overflow - [H] Dredging - [H] Streambank modification/destabilization - [H] Land development/Suburbanization - [T] Flow regulation/modification - [T] Dredging - [T]
[11-161] - TRIB. TO SHAYLER RUN - Segment Length: 3.95 miles			
OH53 6.1	92	Organic enrichment/DO - [T] Other habitat alterations - [T]	Land development/Suburbanization - [T]
[11-107] - STONELICK CREEK - Segment Length: 22.90 miles			
OH53 8	96	Other habitat alterations - [H] Organic enrichment/DO - [H] Cause Unknown - [H]	Dam construction - [H] Agriculture - [M] Source Unknown - [H]
[11-100] - E. FK. LITTLE MIAMI (EAST FK LAKE TO STONELICK CR) - Segment Length: 11.70 miles			
OH53 16	96		Land development/Suburbanization - [T] Major Municipal Point Source - [T]
[11-100] - E. FK. LITTLE MIAMI R. (EAST FORK LAKE) - Segment Length: 13.40 miles			
OH53 20	88	Organic enrichment/DO - [H] Flow alteration - [H] Other habitat alterations - [M]	Municipal Point Sources - [H] Flow regulation/modification - [H] Dam construction - [M]
[11-100] - E. FK. LITTLE MIAMI R. (HOWARD RUN TO TODD RUN) - Segment Length: 11.28 miles			
OH53 36	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[11-138] - FIVEMILE CREEK - Segment Length: 3.50 miles			
OH53 42	88		Onsite wastewater systems (septic tanks) - [S]
[11-100] - E. FK. LITTLE MIAMI R. (SOLOMON RUN TO HOWARD RUN) - Segment Length: 11.32 miles			
OH53 45	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]
[11-100] - E. FK. LITTLE MIAMI R. (DODSON CR. TO SOLOMON RUN) - Segment Length: 14.39 miles			
OH53 52	88	Organic enrichment/DO - [H] Siltation - [H]	Nonirrigated crop production - [H] Municipal Point Sources - [M]
[11-147] - SOLOMON RUN - Segment Length: 4.60 miles			
OH53 53	88	Organic enrichment/DO - [H] Unionized Ammonia - [H] Flow alteration - [M]	Municipal Point Sources - [H] Other - [M]
[11-151] - DODSON CREEK - Segment Length: 11.50 miles			
OH53 57	88		Municipal Point Sources - [H]
[11-100] - E. FK. LITTLE MIAMI R. (HEADWATERS TO DODSON CR.) - Segment Length: 14.69 miles			
OH53 60	88	Organic enrichment/DO - [H] Siltation - [H]	Onsite wastewater systems (septic tanks) - [H] Nonirrigated crop production - [H]
LOWER LITTLE MIAMI RIVER			
[11-001] - LITTLE MIAMI RIVER (E. FK. L. MIAMI R. TO OHIO R.) - Segment Length: 11.50 miles			
OH54 1	96	Nutrients - [H] Other habitat alterations - [H] Siltation - [H] Metals - [M]	Dam construction - [H] Major Municipal Point Source - [H] Combined Sewer Overflow - [H] Urban Runoff/Storm Sewers (NPS) - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Organic enrichment/DO - [H]	Minor Municipal Point Source - [H] Other Urban Runoff - [H] Land development/Suburbanization - [H] Landfills - [M]
[11-002] - CLOUGH CREEK - Segment Length: 5.70 miles			
OH54 2	92	Other habitat alterations - [H] Flow alteration - [H]	Dredging - [H] Streambank modification/destabilization - [H]
[11-004] - DUCK CREEK - Segment Length: 8.20 miles			
OH54 4	96	Unknown toxicity - [H] Flow alteration - [M] Other habitat alterations - [M]	Minor Industrial Point Source - [H] Combined Sewer Overflow - [H] Other Urban Runoff - [M] Channelization - [M]
[11-005] - DRY RUN - Segment Length: 6.00 miles			
OH54 5	92	Organic enrichment/DO - [H] Other habitat alterations - [M] Flow alteration - [M] Siltation - [M]	Municipal Point Sources - [H] Dredging - [M] Streambank modification/destabilization - [M] Urban Runoff/Storm Sewers (NPS) - [M]
[11-001] - LITTLE MIAMI R. (O'BANNON CR. TO E. FK. L. MIAMI) - Segment Length: 12.50 miles			
OH54 7	96	Nutrients - [H] Metals - [H] Siltation - [H] Organic enrichment/DO - [H] Suspended solids - [H] Nutrients - [T]	Major Municipal Point Source - [H] Minor Municipal Point Source - [H] Combined Sewer Overflow - [H] Urban Runoff/Storm Sewers (NPS) - [H] Other Urban Runoff - [M] Land development/Suburbanization - [H] Land development/Suburbanization - [T] Major Municipal Point Source - [T]
[11-007] - SYCAMORE CREEK - Segment Length: 4.50 miles			
OH54 9	96	Organic enrichment/DO - [H] Siltation - [H] Other habitat alterations - [T] Organic enrichment/DO - [T]	Municipal Point Sources - [H] Sewer Line Construction - [H] Sewer Line Construction - [T] Spills - [T]
[11-049] - TRIB. TO SYCAMORE CREEK - Segment Length: 3.15 miles			
OH54 9.1	92	Organic enrichment/DO - [H] Other habitat alterations - [H] Flow alteration - [H]	Combined Sewer Overflow - [H] Dredging - [H] Streambank modification/destabilization - [H]
[11-009] - POLK RUN - Segment Length: 5.50 miles			
OH54 11	92	Other habitat alterations - [T]	Land development/Suburbanization - [T]
[11-048] - EAST BRANCH POLK RUN - Segment Length: 4.33 miles			
OH54 11.1	92	Siltation - [H] Other habitat alterations - [M]	Urban Runoff/Storm Sewers (NPS) - [H] Dredging - [M] Streambank modification/destabilization - [M]
[11-010] - O'BANNON CREEK - Segment Length: 12.00 miles			
OH54 12	92	Organic enrichment/DO - [T]	Municipal Point Sources - [T]
[11-001] - LITTLE MIAMI RIVER (TURTLE CR. TO O'BANNON CR.) - Segment Length: 9.20 miles			
OH54 16	96	Nutrients - [H] Siltation - [M] Metals - [M]	Minor Municipal Point Source - [H] Major Municipal Point Source - [H] Agriculture - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Nutrients - [T]	Land development/Suburbanization - [T] Major Municipal Point Source - [T]
[11-017] - SIMPSON CREEK - Segment Length: 4.00 miles			
OH54 20	88	Unionized Ammonia - [H]	Municipal Point Sources - [H]
[11-020] - MUDDY CREEK - Segment Length: 8.90 miles			
OH54 23	96	Nutrients - [T]	Land development/Suburbanization - [T] Major Municipal Point Source - [T]
[11-021] - TURTLE CREEK - Segment Length: 12.00 miles			
OH54 24	96	Nutrients - [H] Metals - [M] Organic enrichment/DO - [H] Unionized Ammonia - [H]	Minor Industrial Point Source - [H]
[11-022] - DRY RUN - Segment Length: 4.00 miles			
OH54 25	96	Organic enrichment/DO - [H] Siltation - [H] Flow alteration - [H]	- [H] Nonirrigated crop production - [H]
[11-001] - LITTLE MIAMI RIVER (TODD FORK TO TURTLE CREEK) - Segment Length: 5.30 miles			
OH54 27	96	Nutrients - [T]	Land development/Suburbanization - [T] Major Municipal Point Source - [T]
[11-001] - LITTLE MIAMI RIVER (CAESAR CREEK TO TODD FORK) - Segment Length: 12.40 miles			
OH54 30	96	Nutrients - [H] Suspended solids - [H] Siltation - [M] Nutrients - [T]	Major Municipal Point Source - [H] Minor Municipal Point Source - [H] Agriculture - [M] Land development/Suburbanization - [T] Major Municipal Point Source - [T]
UPPER GREAT MIAMI RIVER			
[14-001] - GREAT MIAMI RIVER (BOKENGEHALAS CR. TO INDIAN CR.) - Segment Length: 5.88 miles			
OH55 11	96	Flow alteration - [H]	- [H] Flow regulation/modification - [H]
[14-076] - BOKENGEHALAS CREEK - Segment Length: 15.40 miles			
OH55 17	96	Other habitat alterations - [H] Siltation - [S]	- [H] Channelization - [M] Nonirrigated crop production - [S]
[14-077] - BLUEJACKET CREEK - Segment Length: 7.80 miles			
OH55 18	96	Other habitat alterations - [H] Flow alteration - [S]	Urban Runoff/Storm Sewers (NPS) - [H] - [M] Minor Municipal Point Source - [S] Nonirrigated crop production - [S]
[14-085] - OPOSSUM RUN - Segment Length: 1.52 miles			
OH55 19	96	Other habitat alterations - [H] Flow alteration - [S]	Urban Runoff/Storm Sewers (NPS) - [H] - [M] Minor Municipal Point Source - [S]
[14-001] - GREAT MIAMI R. (MUCHINIPPI CR. TO BOKENGEHALAS CR) - Segment Length: 8.46 miles			
OH55 20	96	Organic enrichment/DO - [H]	Minor Municipal Point Source - [H]
[14-700] - MUCHINIPPI CREEK - Segment Length: 13.70 miles			
OH55 27	96	Siltation - [H]	Channelization - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [H]	Agriculture - [H]
[14-001] - GREAT MIAMI R. (CHER. MANS RUN TO MUCHINIPPI CR.) - Segment Length: 5.00 miles			
OH55 34	96	Siltation - [H]	Agriculture - [H]
		Flow alteration - [M]	- [M]
		Organic enrichment/DO - [M]	Minor Municipal Point Source - [M]
[14-805] - BELLE CENTER TRIBUTARY - Segment Length: 5.70 miles			
OH55 36.1	90	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Other habitat alterations - [M]	Removal of riparian vegetation - [M]
[14-801] - SLOW DITCH (LIGGITT DITCH) - Segment Length: 3.70 miles			
OH55 38	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
		Flow alteration - [M]	Other - [M]
[14-804] - VAN HORN CREEK - Segment Length: 3.62 miles			
OH55 41	96	Other habitat alterations - [H]	Removal of riparian vegetation - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Organic enrichment/DO - [S]	Hydromodification - [S]
[14-802] - NORTH FORK GREAT MIAMI RIVER - Segment Length: 14.95 miles			
OH55 43	96	Other habitat alterations - [H]	Removal of riparian vegetation - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Organic enrichment/DO - [S]	Hydromodification - [S]
GREAT MIAMI RIVER AND LORAMIE CREEK			
[14-001] - GREAT MIAMI RIVER (LOST CREEK TO STILLWATER RIVER) - Segment Length: 17.40 miles			
OH56 1	96	Organic enrichment/DO - [H]	Major Municipal Point Source - [H]
[14-093] - TRIB. TO GREAT MIAMI RIVER (96.4) - Segment Length: 3.26 miles			
OH56 1.1	88	Unionized Ammonia - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	
[14-043] - HONEY CREEK - Segment Length: 18.60 miles			
OH56 3	96	Organic enrichment/DO - [H]	Minor Municipal Point Source - [H]
[14-048] - LOST CREEK - Segment Length: 17.40 miles			
OH56 8	96	Other habitat alterations - [H]	Agriculture - [H]
		Flow alteration - [M]	Irrigated crop production - [H]
			- [H]
			Hydromodification - [M]
[14-091] - GUSTIN DITCH - Segment Length: 2.40 miles			
OH56 8.1	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
[14-096] - PETERS CREEK - Segment Length: 5.68 miles			
OH56 10.2	90		
[14-095] - B.F. GOODRICH TRIB - Segment Length: 0.55 miles			
OH56 10.3	90	Metals - [H]	Industrial Point Sources - [H]
[14-050] - SPRING CREEK - Segment Length: 12.40 miles			
OH56 11	96	Other habitat alterations - [H]	Agriculture - [H]
		Flow alteration - [M]	- [H]
			Hydromodification - [S]
[14-001] - GREAT MIAMI RIVER (LORAMIE CREEK TO SPRING CREEK) - Segment Length: 10.61 miles			
OH56 12	96	Flow alteration - [H]	- [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
			Flow regulation/modification - [H]
[14-600] - LORAMIE CREEK (MILE CREEK TO TURTLE CREEK) - Segment Length: 15.36 miles			
OH56 26	96	Flow alteration - [H]	Channelization - [H]
		Other habitat alterations - [H]	Streambank modification/destabilization - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Organic enrichment/DO - [S]	
[14-600] - LORAMIE CREEK (HEADWATERS TO MILE CREEK) - Segment Length: 17.77 miles			
OH56 32	96	Other habitat alterations - [H]	Flow regulation/modification - [H]
		Flow alteration - [H]	Removal of riparian vegetation - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Organic enrichment/DO - [S]	Hydromodification - [S]
			- [S]
[-] - Segment Length: 0.00 miles			
OH56 32.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[14-616] - WHITE FEATHER CREEK - Segment Length: 2.95 miles			
OH56 32.3	96	Other habitat alterations - [H]	Removal of riparian vegetation - [H]
		Flow alteration - [H]	Streambank modification/destabilization - [H]
		Siltation - [M]	Channelization - [H]
		Organic enrichment/DO - [S]	Nonirrigated crop production - [M]
[14-001] - GREAT MIAMI RIVER (PLUM CREEK TO LORAMIE CREEK) - Segment Length: 12.21 miles			
OH56 36	96	Flow alteration - [H]	- [H]
		Organic enrichment/DO - [H]	Flow regulation/modification - [H]
			Major Municipal Point Source - [H]
[14-060] - TAWAWA CREEK - Segment Length: 15.70 miles			
OH56 39	88	Organic enrichment/DO - [H]	Pasture land - [H]
		Siltation - [M]	Onsite wastewater systems (septic tanks) - [M]
			Nonirrigated crop production - [S]
STILLWATER RIVER			
[14-200] - STILLWATER RIVER (BRUSH CREEK TO GREAT MIAMI R.) - Segment Length: 14.20 miles			
OH57 1	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [M]	Combined Sewer Overflow - [H]
			Dam construction - [M]
[14-242] - TRIB. TO STILLWATER RIVER (RM 11.7) - Segment Length: 0.45 miles			
OH57 1.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [H]	
[14-202] - MILL CREEK - Segment Length: 5.70 miles			
OH57 3	96	Unionized Ammonia - [H]	Industrial Permitted - [H]
		Organic enrichment/DO - [H]	Channelization - [S]
		Other habitat alterations - [S]	
		Unionized Ammonia - [T]	Industrial Permitted - [T]
[14-210] - LUDLOW CREEK - Segment Length: 13.50 miles			
OH57 7	88	Metals - [H]	Industrial Point Sources - [H]
[14-211] - BRUSH CREEK - Segment Length: 8.00 miles			
OH57 8	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Unionized Ammonia - [S]	Other - [S]
			Onsite wastewater systems (septic tanks) - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
Flow alteration - [S]			
[14-200] - STILLWATER RIVER (GREENVILLE CR. TO LUDLOW CR.) - Segment Length: 11.40 miles			
OH57 14	92	Other habitat alterations - [H] Cause Unknown - [H]	Dam construction - [H] Source Unknown - [H]
[14-208] - PAINTER CREEK - Segment Length: 19.75 miles			
OH57 18	92	Unionized Ammonia - [H] Organic enrichment/DO - [H]	Municipal Point Sources - [H] Hazardous waste - [H] Combined Sewer Overflow - [M]
[14-241] - SYCAMORE DITCH - Segment Length: 1.42 miles			
OH57 18.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [S]	Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [S]
[14-220] - GREENVILLE CREEK (DIVIDING BR. TO STILLWATER R.) - Segment Length: 15.20 miles			
OH57 21	92	Organic enrichment/DO - [H] Other habitat alterations - [M] Organic enrichment/DO - [T]	Municipal Point Sources - [H] Dam construction - [M] Industrial Point Sources - [S] Nonirrigated crop production - [M] Municipal Point Sources - [T] Nonirrigated crop production - [T]
[14-220] - GREENVILLE CREEK (WEST BR. TO DIVIDING BR.) - Segment Length: 9.10 miles			
OH57 26	92	Organic enrichment/DO - [M] Flow alteration - [M] Other habitat alterations - [M] Siltation - [S]	Municipal Point Sources - [M] Dam construction - [M] Nonirrigated crop production - [S] Industrial Point Sources - [S]
[14-226] - MUD CREEK - Segment Length: 8.00 miles			
OH57 28	92	Other habitat alterations - [H] Siltation - [H]	Channelization - [H] Agriculture - [H]
[14-227] - PRAIRIE OUTLET - Segment Length: 2.00 miles			
OH57 29	92	Nutrients - [H] Organic enrichment/DO - [H]	Feedlots (Confined Animal Feeding Oper.) - [H] Onsite wastewater systems (septic tanks) - [H]
[14-220] - GREENVILLE CREEK (HEADWATERS TO WEST BRANCH) - Segment Length: 16.20 miles			
OH57 32	92	Organic enrichment/DO - [M]	Feedlots (Confined Animal Feeding Oper.) - [M] Nonirrigated crop production - [M]
[14-232] - DISMAL CREEK - Segment Length: 9.50 miles			
OH57 35	88		Nonirrigated crop production - [M]
[14-200] - STILLWATER RIVER (SWAMP CREEK TO GREENVILLE CREEK) - Segment Length: 13.48 miles			
OH57 37	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Combined Sewer Overflow - [M]
[14-218] - HARRIS CREEK - Segment Length: 9.10 miles			
OH57 38	88	Organic enrichment/DO - [H] Other habitat alterations - [M]	Channelization - [H] Nonirrigated crop production - [M] Pasture land - [M]
[14-219] - BALLINGER RUN - Segment Length: 4.60 miles			
OH57 39	88	Organic enrichment/DO - [H] Unionized Ammonia - [M]	Urban Runoff/Storm Sewers (NPS) - [H] Onsite wastewater systems (septic tanks) - [M] Municipal Point Sources - [M] Wastewater - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
			Nonirrigated crop production - [S] Pasture land - [S]
[14-235] - SWAMP CREEK - Segment Length: 13.80 miles			
OH57 41	92	Other habitat alterations - [H] Organic enrichment/DO - [H] Nutrients - [H]	Channelization - [H] Feedlots (Confined Animal Feeding Oper.) - [M] Agriculture - [M] Municipal Point Sources - [M]
[14-236] - INDIAN CREEK - Segment Length: 5.20 miles			
OH57 42	92	Other habitat alterations - [H]	Channelization - [H] Streambank modification/destabilization - [H]
[14-200] - STILLWATER RIVER (HEADWATERS TO NORTH FORK) - Segment Length: 9.67 miles			
OH57 45	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Combined Sewer Overflow - [M]
MAD RIVER			
[14-100] - MAD RIVER (MUD RUN TO GREAT MIAMI RIVER) - Segment Length: 10.07 miles			
OH58 1	96	Cause Unknown - [H]	Source Unknown - [H]
[14-141] - MEDWAY CREEK - Segment Length: 1.70 miles			
OH58 7	96	Flow alteration - [H] Other habitat alterations - [H] Siltation - [M]	Channelization - [H] - [H]
[14-106] - DONNELLS CREEK - Segment Length: 11.60 miles			
OH58 9	96	Organic enrichment/DO - [H] Flow alteration - [S]	Combined Sewer Overflow - [H] Flow regulation/modification - [S]
[14-100] - MAD RIVER (BUCK CREEK TO DONNELLS CREEK) - Segment Length: 7.77 miles			
OH58 11	96	Other habitat alterations - [H]	Channelization - [H]
[14-110] - BUCK CREEK (BEAVER CREEK TO MAD RIVER) - Segment Length: 6.00 miles			
OH58 15	96	Other habitat alterations - [H] Nutrients - [M]	Channelization - [H] - [M] Combined Sewer Overflow - [M]
[14-100] - MAD RIVER (CHAPMAN CREEK TO BUCK CREEK) - Segment Length: 6.43 miles			
OH58 21	96	Other habitat alterations - [H] Noxious aquatic plants - [M] Nutrients - [M]	Channelization - [H] Agriculture - [M]
[14-117] - MOORE RUN - Segment Length: 8.10 miles			
OH58 24	96	Siltation - [H] Other habitat alterations - [M]	Channelization - [M] Source Unknown - [H]
[14-143] - KENTON CREEK - Segment Length: 4.01 miles			
OH58 24.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [H] Flow alteration - [M]	Municipal Point Sources - [H] Other - [M]
[14-120] - CHAPMAN CREEK - Segment Length: 10.00 miles			
OH58 25	96	Other habitat alterations - [H] Nutrients - [M]	Channelization - [H] Agriculture - [M]
[14-100] - MAD RIVER (NETTLE CREEK TO CHAPMAN CREEK) - Segment Length: 4.60 miles			
OH58 29	96	Other habitat alterations - [H]	Channelization - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Noxious aquatic plants - [M] Nutrients - [M]	Agriculture - [M]
[14-130] - NETTLE CREEK - Segment Length: 11.50 miles			
OH58 36	96	Organic enrichment/DO - [H]	Minor Municipal Point Source - [H]
[14-131] - ANDERSON CREEK - Segment Length: 8.60 miles			
OH58 37	96	Flow alteration - [M] Other habitat alterations - [H]	Channelization - [M] - [H]
[14-140] - ST. PARIS TRIBUTARY - Segment Length: 3.49 miles			
OH58 42	88	Organic enrichment/DO - [H] Unionized Ammonia - [H]	Municipal Point Sources - [H] Pasture land - [S]
[14-100] - MAD RIVER (KINGS CREEK TO NETTLE CREEK) - Segment Length: 6.64 miles			
OH58 43	96	Other habitat alterations - [H] Noxious aquatic plants - [M] Nutrients - [M]	Channelization - [H] Agriculture - [M]
[14-136] - KINGS CREEK - Segment Length: 9.00 miles			
OH58 47	96	Other habitat alterations - [H] Flow alteration - [M]	- [H] Channelization - [M]
[14-170] - TRIB. TO KINGS CREEK (RM 0.46) - Segment Length: 6.82 miles			
OH58 47.1	96	Flow alteration - [H] Other habitat alterations - [M]	Channelization - [H] - [M]
[14-100] - MAD RIVER (MACOCHEE CREEK TO KINGS CREEK) - Segment Length: 7.93 miles			
OH58 48	96	Other habitat alterations - [H]	Channelization - [H]
[14-137] - GLADY CREEK - Segment Length: 7.70 miles			
OH58 49	96	Other habitat alterations - [H] Siltation - [M]	- [H]
[14-100] - MAD RIVER (HEADWATERS TO MACOCHEE CREEK) - Segment Length: 14.17 miles			
OH58 51	96	Other habitat alterations - [H]	Channelization - [H]
TWIN CREEK			
[14-500] - TWIN CREEK (LITTLE TWIN CREEK TO GREAT MIAMI R.) - Segment Length: 6.70 miles			
OH59 1	90		
[14-501] - LITTLE TWIN CREEK - Segment Length: 7.80 miles			
OH59 2	88	Flow alteration - [H] Organic enrichment/DO - [M]	Other - [H] Municipal Point Sources - [M]
[14-516] - REIGLE DITCH - Segment Length: 4.66 miles			
OH59 2.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [H] Flow alteration - [M]	Municipal Point Sources - [H] Other - [M]
[14-500] - TWIN CREEK (BANTAS FORK TO LITTLE TWIN CREEK) - Segment Length: 17.60 miles			
OH59 3	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Nonirrigated crop production - [S]
[14-517] - TRIB. TO TOMS RUN (RM 5.34) - Segment Length: 4.80 miles			
OH59 4.1	96	Siltation - [T] Other habitat alterations - [T]	Landfills - [T]
[14-500] - TWIN CREEK (PRICE CREEK TO BANTAS FORK) - Segment Length: 5.40 miles			
OH59 10	88	Other habitat alterations - [H]	Removal of riparian vegetation - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Organic enrichment/DO - [M]	Municipal Point Sources - [M]
[14-500] - TWIN CREEK (HEADWATERS TO PRICE CREEK) - Segment Length: 17.29 miles			
OH59 15	88	Organic enrichment/DO - [H]	Pasture land - [H]
			Municipal Point Sources - [H]
			Streambank modification/destabilization - [S]
			Nonirrigated crop production - [S]
MIDDLE GREAT MIAMI RIVER			
[14-001] - GREAT MIAMI RIVER (FOURMILE CREEK TO RM 26.6) - Segment Length: 11.78 miles			
OH60 1	92	Flow alteration - [H]	Industrial Point Sources - [H]
		Flow alteration - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
		Organic enrichment/DO - [H]	Industrial Point Sources - [M]
		Other habitat alterations - [M]	Municipal Point Sources - [M]
		Cause Unknown - [M]	Dredge mining - [M]
			Source Unknown - [M]
[14-010] - INDIAN CREEK - Segment Length: 22.90 miles			
OH60 2	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Other inorganics - [M]	Onsite wastewater systems (septic tanks) - [M]
[14-015] - TWO MILE CREEK - Segment Length: 4.80 miles			
OH60 7	94	Cause Unknown - [H]	Source Unknown - [H]
[14-165] - TRIB. TO TWOMILE CREEK (RM 1.53) - Segment Length: 1.90 miles			
OH60 7.1	94	Flow alteration - [H]	Other - [H]
[14-001] - GREAT MIAMI RIVER (DICKS CREEK TO FOURMILE CREEK) - Segment Length: 9.20 miles			
OH60 9	92	Metals - [H]	Industrial Point Sources - [H]
		Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Cause Unknown - [M]	Urban Runoff/Storm Sewers (NPS) - [H]
		Other habitat alterations - [M]	Hydromodification - [H]
			Dam construction - [H]
[14-018] - DICKS CREEK - Segment Length: 10.50 miles			
OH60 14	88	Metals - [H]	Industrial Point Sources - [H]
		Siltation - [M]	Channelization - [M]
		Other habitat alterations - [M]	Streambank modification/destabilization - [M]
		Unknown toxicity - [M]	
		Nutrients - [S]	
[14-020] - SHAKER CREEK - Segment Length: 8.70 miles			
OH60 15	88	Other habitat alterations - [M]	Municipal Point Sources - [H]
		Flow alteration - [S]	Channelization - [M]
		Organic enrichment/DO - [H]	Dam construction - [S]
		Siltation - [M]	Streambank modification/destabilization - [M]
[14-021] - MILLERS CREEK - Segment Length: 5.00 miles			
OH60 16	88	Unionized Ammonia - [H]	Industrial Point Sources - [H]
		Other habitat alterations - [M]	Channelization - [M]
[14-019] - NORTH BRANCH DICKS CREEK - Segment Length: 5.60 miles			
OH60 17	88	Other habitat alterations - [H]	Channelization - [H]
		Siltation - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
		Organic enrichment/DO - [S]	

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[14-001] - GREAT MIAMI RIVER (TWIN CREEK TO DICKS CREEK) - Segment Length: 9.82 miles			
OH60 18	94	Thermal modifications - [M]	Industrial Point Sources - [M]
		Organic enrichment/DO - [M]	Municipal Point Sources - [M]
		Flow alteration - [M]	Flow regulation/modification - [M]
		Metals - [S]	Wastewater - [S]
		Unionized Ammonia - [S]	Industrial Point Sources - [S]
[14-001] - GREAT MIAMI RIVER (BEAR CREEK TO TWIN CREEK) - Segment Length: 10.18 miles			
OH60 21	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Thermal modifications - [M]	Industrial Point Sources - [S]
			Dam construction - [M]
[14-024] - CLEAR CREEK - Segment Length: 11.00 miles			
OH60 22	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Onsite wastewater systems (septic tanks) - [S]
[14-094] - TRIB. TO CLEAR CREEK (RM 7.1) - Segment Length: 2.40 miles			
OH60 22.1	88	Unionized Ammonia - [H]	Municipal Point Sources - [H]
[14-029] - BEAR CREEK - Segment Length: 14.40 miles			
OH60 27	88	Unionized Ammonia - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [S]
[14-001] - GREAT MIAMI RIVER (WOLF CREEK TO BEAR CREEK) - Segment Length: 12.60 miles			
OH60 33	92	Priority organics - [M]	Urban Runoff/Storm Sewers (NPS) - [H]
		Organic enrichment/DO - [H]	Dam construction - [M]
		Other habitat alterations - [M]	Municipal Point Sources - [H]
		Metals - [M]	Industrial Point Sources - [H]
			Subsurface mining - [M]
[14-089] - OWL CREEK - Segment Length: 1.00 miles			
OH60 33.1	88		Industrial Point Sources - [H]
		Unionized Ammonia - [H]	
		Metals - [H]	
[14-037] - WOLF CREEK - Segment Length: 19.30 miles			
OH60 36	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Contaminated sediments - [H]
			Onsite wastewater systems (septic tanks) - [S]
[14-001] - GREAT MIAMI RIVER (STILLWATER RIVER TO WOLF CREEK) - Segment Length: 2.40 miles			
OH60 41	92	Organic enrichment/DO - [M]	Municipal Point Sources - [M]
		Flow alteration - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
		Other habitat alterations - [M]	Land development/Suburbanization - [M]
FOURMILE CREEK			
[14-308] - E. FK. WHITEWATER R. (HEADWATERS TO OHIO/INDANA) - Segment Length: 13.28 miles			
OH61 5	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
		Unionized Ammonia - [H]	Channelization - [H]
		Other habitat alterations - [H]	Municipal Point Sources - [M]
[14-410] - SEVENMILE CREEK (PAINT CREEK TO FOURMILE CREEK) - Segment Length: 15.20 miles			
OH61 12	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[14-410] - SEVENMILE CREEK (HEADWATERS TO PAINT CREEK) - Segment Length: 21.82 miles			
OH61 19	94	Metals - [H]	Spills - [H]
		Organic enrichment/DO - [S]	Industrial Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Pesticides - [S]	Municipal Point Sources - [M]
			Agriculture - [S]
		Siltation - [T]	Nonirrigated crop production - [T]
[14-400] - FOURMILE CREEK (L. FOURMILE CR. TO SEVENMILE CR.) - Segment Length: 20.16 miles			
OH61 24	94	Flow alteration - [H]	Upstream impoundment - [H]
		Nutrients - [M]	Municipal Point Sources - [S]
		Organic enrichment/DO - [M]	Channelization - [T]
		Other habitat alterations - [T]	
[14-400] - FOURMILE CREEK (HEADWATERS TO LITTLE FOURMILE CR.) - Segment Length: 14.30 miles			
OH61 31	94	Other habitat alterations - [T]	Agriculture - [T]
		Siltation - [T]	Streambank modification/destabilization - [T]
			Removal of riparian vegetation - [T]
LOWER GREAT MIAMI RIVER AND WHITEWATER RIVER			
[14-001] - GREAT MIAMI RIVER (TAYLOR CREEK TO OHIO RIVER) - Segment Length: 15.00 miles			
OH62 1	92	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Metals - [S]	Municipal Point Sources - [H]
[14-300] - WHITEWATER RIVER (OHIO/INDIANA TO GREAT MIAMI R.) - Segment Length: 8.26 miles			
OH62 3	88	Flow alteration - [H]	Flow regulation/modification - [H]
		Unionized Ammonia - [S]	Municipal Point Sources - [S]
[-] - - Segment Length: 0.00 miles			
OH62 3.1	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
[-] - - Segment Length: 0.00 miles			
OH62 3.2	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [H]
		Other habitat alterations - [M]	Channelization - [M]
[14-319] - KIATA CREEK - Segment Length: 4.00 miles			
OH62 5.1	90	Other habitat alterations - [H]	Dam construction - [H]
[14-004] - TAYLOR CREEK - Segment Length: 8.40 miles			
OH62 12	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [T]	Highway/road/bridge/sewer line - [T]
			Removal of riparian vegetation - [T]
[14-149] - WESSELMAN CREEK - Segment Length: 6.27 miles			
OH62 12.1	92	Other habitat alterations - [T]	Land development/Suburbanization - [T]
[14-148] - BRIARLY CREEK - Segment Length: 4.52 miles			
OH62 12.2	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [T]	Construction - [T]
[14-150] - STEELE CREEK - Segment Length: 3.48 miles			
OH62 12.21	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[14-001] - GREAT MIAMI RIVER (RM 26.6 TO TAYLOR CREEK) - Segment Length: 11.62 miles			
OH62 13	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Industrial Point Sources - [M]
[14-006] - BLUEROCK CREEK - Segment Length: 3.00 miles			
OH62 15	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [T]	Land development/Suburbanization - [T]
			Removal of riparian vegetation - [T]
[23-007] - MUDDY CREEK - Segment Length: 8.40 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH62 21	92	Organic enrichment/DO - [H] Unionized Ammonia - [H] Other habitat alterations - [M] Flow alteration - [M]	Combined Sewer Overflow - [H] Urban Runoff/Storm Sewers (NPS) - [M] Streambank modification/destabilization - [M] Onsite wastewater systems (septic tanks) - [M]
[23-008] - RAPID RUN - Segment Length: 4.70 miles			
OH62 22	92	Organic enrichment/DO - [M] Other habitat alterations - [H] Flow alteration - [H]	Combined Sewer Overflow - [M] Dredging - [H] Streambank modification/destabilization - [H] Urban Runoff/Storm Sewers (NPS) - [M] Onsite wastewater systems (septic tanks) - [M]
[23-012] - WULFF RUN - Segment Length: 2.69 miles			
OH62 22.1	92	Organic enrichment/DO - [H] Other habitat alterations - [H] Flow alteration - [H]	Combined Sewer Overflow - [H] Urban Runoff/Storm Sewers (NPS) - [M] Dredging - [H] Streambank modification/destabilization - [H]
[23-001] - MILL CREEK (WEST FORK MILL CREEK TO OHIO RIVER) - Segment Length: 11.57 miles			
OH62 23	94	Organic enrichment/DO - [H] Taste and odor - [H] Oil and grease - [H] Other habitat alterations - [H] Unionized Ammonia - [H] Unknown toxicity - [H]	Combined Sewer Overflow - [H] Industrial Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [H] Streambank modification/destabilization - [H] Contaminated sediments - [M] Channelization - [H] Landfills - [M]
[23-017] - BLOODY RUN - Segment Length: 3.90 miles			
OH62 23.2	94	Priority organics - [M] Organic enrichment/DO - [H] Pesticides - [M]	Industrial Point Sources - [M] Combined Sewer Overflow - [H]
[23-002] - WEST FORK MILL CREEK (DOWNSTREAM) - Segment Length: 5.00 miles			
OH62 24	92	Organic enrichment/DO - [H] Flow alteration - [H] Other habitat alterations - [M] Unknown toxicity - [H] Siltation - [M]	Combined Sewer Overflow - [H] Industrial Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [H] Streambank modification/destabilization - [M]
[23-013] - TRIB. TO WEST FORK MILL CREEK - Segment Length: 2.05 miles			
OH62 24.1	94	Organic enrichment/DO - [H] Taste and odor - [H] Suspended solids - [H] Flow alteration - [H] Nutrients - [H] Unknown toxicity - [H] Siltation - [M]	Combined Sewer Overflow - [H] Highway/road/bridge/sewer line - [M] Flow regulation/modification - [H] Removal of riparian vegetation - [M] Highway maintenance and runoff - [M]
[23-004] - WEST FORK MILL CREEK (UPSTREAM) - Segment Length: 15.20 miles			
OH62 26	94	Unionized Ammonia - [H] Organic enrichment/DO - [H]	Combined Sewer Overflow - [H] Hazardous waste - [S] Contaminated sediments - [S]
[23-001] - MILL CREEK (SHARON CREEK TO WEST FORK MILL CREEK) - Segment Length: 4.06 miles			
OH62 27	94	Organic enrichment/DO - [H]	Industrial Point Sources - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Taste and odor - [H] Other habitat alterations - [S] Unionized Ammonia - [H]	Combined Sewer Overflow - [H] Urban Runoff/Storm Sewers (NPS) - [M] Landfills - [M] Channelization - [S] Contaminated sediments - [M]
[23-005] - SHARON CREEK - Segment Length: 5.50 miles OH62 28 94			Urban Runoff/Storm Sewers (NPS) - [H]
[23-001] - MILL CREEK (HEADWATERS TO SHARON CREEK) - Segment Length: 12.71 miles OH62 30 94		Organic enrichment/DO - [H] Other habitat alterations - [M]	Combined Sewer Overflow - [H] Hydromodification - [M]
[23-010] - TOWN RUN - Segment Length: 2.08 miles OH62 30.1 88		Organic enrichment/DO - [H] Unionized Ammonia - [M]	Municipal Point Sources - [H]
[23-006] - EAST FORK MILL CREEK - Segment Length: 7.10 miles OH62 31 94		Unionized Ammonia - [H] Organic enrichment/DO - [H] Pesticides - [S]	Municipal Point Sources - [H]
WABASH RIVER			
[22-001] - WABASH RIVER (BEAVER CREEK TO OHIO/INDIANA LINE) - Segment Length: 2.72 miles OH63 1 88		Other habitat alterations - [H] Siltation - [M] Organic enrichment/DO - [S]	Channelization - [H] Nonirrigated crop production - [M] Municipal Point Sources - [S] Onsite wastewater systems (septic tanks) - [S]
[22-100] - BEAVER CREEK (GRAND LAKE ST. MARYS TO WABASH R.) - Segment Length: 10.60 miles OH63 4 88		Organic enrichment/DO - [H] Other habitat alterations - [M] Unionized Ammonia - [M]	Municipal Point Sources - [H] Channelization - [M] Feedlots (Confined Animal Feeding Oper.) - [S]
[22-001] - WABASH RIVER (STONY CREEK TO BEAVER CREEK) - Segment Length: 12.57 miles OH63 16 88		Other habitat alterations - [H] Siltation - [M] Organic enrichment/DO - [S]	Channelization - [H] Nonirrigated crop production - [M] Municipal Point Sources - [S]
[22-001] - WABASH RIVER (HEADWATERS TO STONY CREEK) - Segment Length: 27.41 miles OH63 19 88		Other habitat alterations - [H] Siltation - [M] Organic enrichment/DO - [S] Metals - [S]	Channelization - [H] Nonirrigated crop production - [M] Municipal Point Sources - [S] Industrial Point Sources - [M] Contaminated sediments - [M]
[22-012] - TRIB. TO WABASH RIVER - Segment Length: 1.30 miles OH63 19.1 88		Metals - [H] Organic enrichment/DO - [H]	Industrial Point Sources - [H] Contaminated sediments - [H] Feedlots (Confined Animal Feeding Oper.) - [M]
ST. MARYS RIVER			
[04-503] - BLACK CREEK - Segment Length: 17.00 miles OH64 4 88		Other habitat alterations - [H] Siltation - [M] Organic enrichment/DO - [S]	Channelization - [H] Nonirrigated crop production - [S] Onsite wastewater systems (septic tanks) - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[04-510] - TWELVEMILE CREEK - Segment Length: 13.40 miles			
OH64 12	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Nonirrigated crop production - [H] Channelization - [S] Onsite wastewater systems (septic tanks) - [S]
[04-500] - ST. MARYS R. (SIXMILE CREEK TO TWELVEMILE CREEK) - Segment Length: 17.82 miles			
OH64 15	94	Other habitat alterations - [H] Organic enrichment/DO - [M]	Hydromodification - [H] Municipal Point Sources - [M]
[04-500] - ST. MARYS RIVER (MIAMI/ERIE CANAL TO SIXMILE CR.) - Segment Length: 11.05 miles			
OH64 18	94	Other habitat alterations - [M] Organic enrichment/DO - [M] Organic enrichment/DO - [H] Other habitat alterations - [M]	Agriculture - [M] Hydromodification - [M] Municipal Point Sources - [M] Municipal Point Sources - [H] Hydromodification - [M] Channelization - [M]
[04-500] - ST. MARYS RIVER (GRAND LAKE TO ST. MARYS) - Segment Length: 1.83 miles			
OH64 25	94	Other habitat alterations - [H] Nutrients - [H]	Channelization - [M] Hydromodification - [H] Agriculture - [H]
[04-524] - KOPP CREEK - Segment Length: 13.46 miles			
OH64 26	88	Other habitat alterations - [H] Organic enrichment/DO - [H] Siltation - [M] Unionized Ammonia - [M]	Channelization - [H] Nonirrigated crop production - [M] Feedlots (Confined Animal Feeding Oper.) - [M] Spills - [M] Municipal Point Sources - [H] Industrial Point Sources - [H]
[04-525] - WIERTH DITCH - Segment Length: 4.02 miles			
OH64 27	88	Organic enrichment/DO - [H] Other habitat alterations - [H] Unionized Ammonia - [M]	Municipal Point Sources - [H] Industrial Point Sources - [M] Nonirrigated crop production - [M] Channelization - [H]
[04-526] - TRIB. TO KOPP CREEK (RM 5.4) - Segment Length: 5.78 miles			
OH64 28	88	Siltation - [M] Organic enrichment/DO - [H]	Nonirrigated crop production - [M] Feedlots (Confined Animal Feeding Oper.) - [H]
[04-518] - CENTER BRANCH - Segment Length: 12.30 miles			
OH64 30	88	Other habitat alterations - [H] Organic enrichment/DO - [M]	Channelization - [H] Municipal Point Sources - [M]
[04-519] - CARTER CREEK - Segment Length: 7.50 miles			
OH64 31	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Nonirrigated crop production - [H] Channelization - [M]
ST. JOSEPH RIVER (INCLUDING GORDON CREEK)			
[04-001] - MAUMEE RIVER (GORDON CREEK TO TIFFIN RIVER) - Segment Length: 15.72 miles			
OH65 1	94	Other habitat alterations - [M]	Agriculture - [M]
[04-052] - GORDON CREEK - Segment Length: 16.30 miles			
OH65 6	88	Organic enrichment/DO - [H] Siltation - [M]	Municipal Point Sources - [H] Nonirrigated crop production - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [M]	Channelization - [M]
[04-055] - MIDDLE FORK GORDON CREEK - Segment Length: 8.50 miles			
OH65	9	88	Organic enrichment/DO - [H]
		Other habitat alterations - [M]	Municipal Point Sources - [H]
			Channelization - [M]
[04-075] - MILL CREEK (HICKSVILLE) - Segment Length: 2.08 miles			
OH65	9.1	88	Unionized Ammonia - [H]
			Municipal Point Sources - [H]
			Organic enrichment/DO - [H]
[04-001] - MAUMEE RIVER (ZUBER CUTOFF DITCH TO GORDON CREEK) - Segment Length: 12.98 miles			
OH65	10	88	Siltation - [H]
			Nonirrigated crop production - [H]
			Organic enrichment/DO - [M]
			Municipal Point Sources - [M]
[04-001] - MAUMEE RIVER (OH./IND. BORDER TO ZUBER CUTOFF D.) - Segment Length: 13.39 miles			
OH65	17	88	Organic enrichment/DO - [H]
			Municipal Point Sources - [H]
			Siltation - [S]
			Nonirrigated crop production - [S]
[04-400] - ST. JOSEPH RIVER (FISH CREEK TO OH/IND. BORDER) - Segment Length: 11.25 miles			
OH65	21	94	Other habitat alterations - [M]
			Agriculture - [M]
			Metals - [S]
			Hydromodification - [M]
			Siltation - [M]
			Industrial Point Sources - [S]
			Agriculture - [M]
			Hydromodification - [M]
[04-405] - FISH CREEK (OH./IND. BORDER TO ST. JOSEPH RIVER) - Segment Length: 5.57 miles			
OH65	26	96	Priority organics - [H]
			Spills - [H]
			Siltation - [H]
			Nonirrigated crop production - [H]
[04-400] - ST. JOSEPH RIVER (BEAR CREEK TO FISH CREEK) - Segment Length: 8.05 miles			
OH65	28	94	Other habitat alterations - [M]
			Agriculture - [M]
			Hydromodification - [M]
[04-409] - BEAR CREEK - Segment Length: 11.20 miles			
OH65	31	94	Other habitat alterations - [H]
			Hydromodification - [H]
			Channelization - [H]
[04-400] - ST. JOSEPH RIVER (NETTLE CREEK TO BEAR CREEK) - Segment Length: 19.39 miles			
OH65	33	94	Other habitat alterations - [M]
			Agriculture - [M]
			Hydromodification - [M]
[04-411] - EAGLE CREEK - Segment Length: 15.70 miles			
OH65	34	88	Organic enrichment/DO - [H]
			Metals - [M]
			Industrial Point Sources - [H]
			Nonirrigated crop production - [S]
[04-413] - NETTLE CREEK - Segment Length: 15.81 miles			
OH65	36	88	Metals - [H]
			Industrial Point Sources - [H]
			Organic enrichment/DO - [S]
			Nonirrigated crop production - [S]
[04-400] - ST. JOSEPH RIVER (HEADWATERS TO NETTLE CREEK) - Segment Length: 4.20 miles			
OH65	37	94	Other habitat alterations - [M]
			Agriculture - [M]
			Hydromodification - [M]
[04-418] - JOHN LATTANER DITCH - Segment Length: 3.05 miles			
OH65	38	88	Organic enrichment/DO - [H]
			Metals - [M]
			Industrial Point Sources - [H]
			Channelization - [M]
			Other habitat alterations - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
BLANCHARD RIVER			
[04-183] - OTTAWA CREEK - Segment Length: 17.80 miles			
OH66 1	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Municipal Point Sources - [H] Channelization - [S] Nonirrigated crop production - [S]
[04-160] - BLANCHARD (EAGLE CREEK TO OTTAWA CREEK) - Segment Length: 12.46 miles			
OH66 3	94	Nutrients - [H] Other habitat alterations - [H] Organic enrichment/DO - [H] Metals - [M] Oil and grease - [M] Siltation - [M]	Municipal Point Sources - [H] Industrial Point Sources - [M]
[04-224] - OIL DITCH - Segment Length: 3.50 miles			
OH66 4	88	Unknown toxicity - [H] Organic enrichment/DO - [H] Oil and grease - [H]	Industrial Point Sources - [H]
[-] - Segment Length: 0.00 miles			
OH66 4.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [H]	Onsite wastewater systems (septic tanks) - [H]
[04-185] - EAGLE CREEK - Segment Length: 22.28 miles			
OH66 5	88	Organic enrichment/DO - [H] Siltation - [M]	Municipal Point Sources - [H] Nonirrigated crop production - [M]
[04-160] - BLANCHARD RIVER (THE OUTLET TO EAGLE CREEK) - Segment Length: 5.53 miles			
OH66 10	94	Metals - [H] Other habitat alterations - [M] Organic enrichment/DO - [H]	Combined Sewer Overflow - [H] Channelization - [M] Urban Runoff/Storm Sewers (NPS) - [H]
[04-160] - BLANCHARD RIVER (POTATO RUN TO THE OUTLET) - Segment Length: 12.64 miles			
OH66 13	90		
[04-160] - BLANCHARD (THE OUTLET TO POTATO RUN) - Segment Length: 14.67 miles			
OH66 18	88	Organic enrichment/DO - [H] Siltation - [M]	Nonirrigated crop production - [H] Onsite wastewater systems (septic tanks) - [S]
[04-196] - POTATO RUN - Segment Length: 15.15 miles			
OH66 19	88	Unionized Ammonia - [H] Organic enrichment/DO - [M] Nutrients - [S]	Onsite wastewater systems (septic tanks) - [H] Urban Runoff/Storm Sewers (NPS) - [M]
[04-160] - BLANCHARD RIVER (HEADWATERS TO THE OUTLET) - Segment Length: 13.26 miles			
OH66 21	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Onsite wastewater systems (septic tanks) - [M] Nonirrigated crop production - [H] Channelization - [M]
[04-248] - SHALLOW RUN (DUNKIRK) - Segment Length: 6.30 miles			
OH66 23	88	Organic enrichment/DO - [H] Unionized Ammonia - [M]	Onsite wastewater systems (septic tanks) - [H]
LOWER AUGLAIZE RIVER			
[04-160] - BLANCHARD RIVER (CRANBERRY CREEK TO AUGLAIZE R.) - Segment Length: 17.30 miles			
OH67 1	92	Other habitat alterations - [H] Siltation - [H]	Natural - [H] Agriculture - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[04-160] - BLANCHARD RIVER (RILEY CREEK TO CRANBERRY CREEK) - Segment Length: 12.78 miles			
OH67 6	92	Other habitat alterations - [H]	Natural - [H]
		Siltation - [H]	Agriculture - [H]
[04-250] - TRIB. TO BLANCHARD RIVER (RM 21.5) - Segment Length: 2.25 miles			
OH67 6.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[04-168] - RILEY CREEK (LITTLE RILEY CREEK TO BLANCHARD R.) - Segment Length: 15.30 miles			
OH67 10	94	Other habitat alterations - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
		Unionized Ammonia - [H]	Municipal Point Sources - [H]
		Unknown toxicity - [H]	Channelization - [M]
		Other habitat alterations - [T]	Channelization - [T]
[04-168] - RILEY CREEK (HEADWATERS TO LITTLE RILEY CREEK) - Segment Length: 11.50 miles			
OH67 12	94		Hydromodification - [M]
[04-170] - LITTLE RILEY CREEK - Segment Length: 8.30 miles			
OH67 13	94	Flow alteration - [H]	Urban Runoff/Storm Sewers (NPS) - [M]
		Organic enrichment/DO - [M]	
OTTAWA RIVER			
[04-201] - PLUM CREEK - Segment Length: 14.40 miles			
OH68 2	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Urban Runoff/Storm Sewers (NPS) - [H]
			Nonirrigated crop production - [S]
[04-203] - SUGAR CREEK - Segment Length: 28.90 miles			
OH68 4	88	Unknown toxicity - [H]	Industrial Point Sources - [H]
		Flow alteration - [H]	Natural - [H]
		Organic enrichment/DO - [H]	Nonirrigated crop production - [S]
		Flow alteration - [T]	Natural - [T]
[04-225] - TRIB. TO SUGAR CREEK (MR 18.8) - Segment Length: 2.00 miles			
OH68 4.2	88	Metals - [H]	Industrial Point Sources - [H]
		Organic enrichment/DO - [H]	Contaminated sediments - [H]
		Unionized Ammonia - [M]	Spills - [H]
		Unknown toxicity - [H]	
[04-200] - OTTAWA RIVER (HONEY RUN TO SUGAR CREEK) - Segment Length: 16.36 miles			
OH68 8	92	Unknown toxicity - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [M]	Industrial Point Sources - [H]
			Combined Sewer Overflow - [M]
			Spills - [M]
[04-207] - LEATHERWOOD DITCH - Segment Length: 9.30 miles			
OH68 9	88	Organic enrichment/DO - [H]	Harvesting,restoration,residue managem't - [H]
		Unionized Ammonia - [H]	Nonirrigated crop production - [H]
			Channelization - [S]
[04-208] - PIKE RUN - Segment Length: 9.45 miles			
OH68 10	94	Unionized Ammonia - [H]	Municipal Point Sources - [H]
		Other habitat alterations - [H]	Channelization - [H]
		Organic enrichment/DO - [H]	
[04-200] - OTTAWA RIVER (LITTLE OTTAWA RIVER TO HONEY RUN) - Segment Length: 12.37 miles			
OH68 11	94	Unionized Ammonia - [H]	Industrial Point Sources - [H]
		Unknown toxicity - [H]	Municipal Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Organic enrichment/DO - [H] Metals - [H]	Combined Sewer Overflow - [H] Spills - [H] Urban Runoff/Storm Sewers (NPS) - [M]
[04-245] - CRIDERSVILLE TRIBUTARY - Segment Length: 1.20 miles			
OH68 16.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[04-200] - OTTAWA RIVER (HOG CREEK TO LITTLE OTTAWA RIVER) - Segment Length: 15.40 miles			
OH68 17	94	Organic enrichment/DO - [H] Metals - [H] Unknown toxicity - [H] Nutrients - [H] Unionized Ammonia - [H] Chlorine - [M] Oil and grease - [M] Other habitat alterations - [M]	Industrial Point Sources - [H] Municipal Point Sources - [H] Combined Sewer Overflow - [H] Landfills - [H] Dam construction - [S] Urban Runoff/Storm Sewers (NPS) - [M] Land development/Suburbanization - [M] Spills - [H]
[04-246] - TRIB. TO OTTAWA RIVER (RM 41.5) - Segment Length: 0.76 miles			
OH68 17.2	88	Metals - [H]	Industrial Point Sources - [H]
[04-214] - LOST CREEK - Segment Length: 5.10 miles			
OH68 18	90	Noxious aquatic plants - [H] Flow alteration - [M] Nutrients - [M]	Source Unknown - [H] Drainage/filling of wetlands - [M] Industrial Point Sources - [M] Land development/Suburbanization - [M]
[04-249] - TRIB. TO LOST CREEK (RM 1.15) - Segment Length: 4.70 miles			
OH68 18.1	90	Noxious aquatic plants - [H] Siltation - [M]	Source Unknown - [H] Land development/Suburbanization - [M] Onsite wastewater systems (septic tanks) - [M]
[04-216] - HOG CREEK - Segment Length: 14.20 miles			
OH68 20	94	Other habitat alterations - [H] Organic enrichment/DO - [H]	Channelization - [H]
LITTLE AUGLAIZE RIVER			
[04-130] - LITTLE AUGLAIZE R. (DOG CREEK TO AUGLAIZE RIVER) - Segment Length: 8.45 miles			
OH69 1	88	Other habitat alterations - [H] Flow alteration - [H] Siltation - [M]	Channelization - [H] Removal of riparian vegetation - [H] Streambank modification/destabilization - [H] Other - [H] Nonirrigated crop production - [S]
[04-226] - TRIB. TO L. AUGLAIZE R. (RM 0.93) - Segment Length: 2.12 miles			
OH69 1.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [M]	Nonirrigated crop production - [H]
[04-131] - PRAIRIE CREEK (HAGERMAN CR. TO LITTLE AUGLAIZE R.) - Segment Length: 11.11 miles			
OH69 2	88	Other habitat alterations - [H] Siltation - [S]	Channelization - [H] Nonirrigated crop production - [S]
[04-132] - WEST BRANCH (HOAGLIN CREEK TO PRAIRIE CREEK) - Segment Length: 9.70 miles			
OH69 3	88	Other habitat alterations - [H] Unionized Ammonia - [H] Organic enrichment/DO - [H] Metals - [M]	Channelization - [H] Landfills - [M] Onsite wastewater systems (septic tanks) - [H] Nonirrigated crop production - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[04-137] - HAGERMAN CREEK - Segment Length: 17.20 miles			
OH69 8	88	Other habitat alterations - [H] Organic enrichment/DO - [H] Unionized Ammonia - [H]	Channelization - [H] Municipal Point Sources - [H] Nonirrigated crop production - [S]
[04-131] - PRAIRIE CREEK (HEADWATERS TO HAGERMAN CREEK) - Segment Length: 12.23 miles			
OH69 9	88	Other habitat alterations - [H] Siltation - [S]	Channelization - [H] Nonirrigated crop production - [S]
[04-138] - DRY CREEK - Segment Length: 4.30 miles			
OH69 10	88	Organic enrichment/DO - [H] Unionized Ammonia - [H]	Onsite wastewater systems (septic tanks) - [H] Spills - [H] Nonirrigated crop production - [S]
[04-139] - MIDDLE CREEK - Segment Length: 9.50 miles			
OH69 11	88	pH - [H]	Municipal Point Sources - [H] Nonirrigated crop production - [M] Other - [M]
[04-143] - TOWN CREEK - Segment Length: 31.10 miles			
OH69 15	88	Other habitat alterations - [H] Flow alteration - [H] Organic enrichment/DO - [M] Unionized Ammonia - [M] Metals - [M]	Channelization - [H] Other - [M] Municipal Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [M] Industrial Point Sources - [M]
[04-145] - DOG CREEK - Segment Length: 28.00 miles			
OH69 17	88	Other habitat alterations - [H] Siltation - [M]	Channelization - [H] Nonirrigated crop production - [M]
[04-130] - LITTLE AUGLAIZE RIVER (EVANS DITCH TO DOG CREEK) - Segment Length: 26.92 miles			
OH69 20	88	Other habitat alterations - [H] Organic enrichment/DO - [M] Flow alteration - [H] Unionized Ammonia - [M] Pesticides - [S] Siltation - [M]	Channelization - [H] Removal of riparian vegetation - [H] Streambank modification/destabilization - [H] Municipal Point Sources - [S] Nonirrigated crop production - [M]
[04-159] - EVANS DITCH - Segment Length: 4.27 miles			
OH69 20.1	88	Metals - [H] Organic enrichment/DO - [H]	Industrial Point Sources - [H] Onsite wastewater systems (septic tanks) - [H]
[04-130] - LITTLE AUGLAIZE RIVER (HEADWATERS TO EVANS DITCH) - Segment Length: 10.97 miles			
OH69 25	88	Other habitat alterations - [H] Flow alteration - [H] Organic enrichment/DO - [S] Siltation - [M]	Channelization - [H] Removal of riparian vegetation - [H] Streambank modification/destabilization - [H] Other - [H] Nonirrigated crop production - [M]
[04-153] - LONG PRAIRIE CREEK - Segment Length: 10.30 miles			
OH69 27	88	Other habitat alterations - [H] Organic enrichment/DO - [H] Unionized Ammonia - [H]	Channelization - [H] Municipal Point Sources - [H] Nonirrigated crop production - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
UPPER AUGLAIZE RIVER			
[04-100] - AUGLAIZE RIVER (BLANCHARD R. TO L. AUGLAIZE R.) - Segment Length: 9.75 miles			
OH70 1	88	Other habitat alterations - [H] Metals - [M] Organic enrichment/DO - [M] Siltation - [S]	Aquaculture - [M] Municipal Point Sources - [M] Nonirrigated crop production - [S]
[04-100] - AUGLAIZE RIVER (OTTAWA RIVER TO BLANCHARD RIVER) - Segment Length: 7.06 miles			
OH70 3	94	Siltation - [T]	Agriculture - [T]
[04-100] - AUGLAIZE RIVER (JENNINGS CREEK TO OTTAWA RIVER) - Segment Length: 13.76 miles			
OH70 5	94	Siltation - [M] Siltation - [T]	Agriculture - [H] Agriculture - [T]
[04-230] - JENNINGS CREEK - Segment Length: 14.50 miles			
OH70 7	90	Organic enrichment/DO - [H] Unknown toxicity - [S] Siltation - [S]	Combined Sewer Overflow - [H] Municipal Point Sources - [M] Onsite wastewater systems (septic tanks) - [S] Nonirrigated crop production - [S]
[04-231] - FLAT FORK - Segment Length: 9.60 miles			
OH70 8	90	Organic enrichment/DO - [H] Other habitat alterations - [H]	Combined Sewer Overflow - [H] Channelization - [H] Recreational activities - [M] Onsite wastewater systems (septic tanks) - [S]
[04-100] - AUGLAIZE RIVER (SIXMILE CREEK TO JENNINGS CREEK) - Segment Length: 15.29 miles			
OH70 12	94	Siltation - [M] Organic enrichment/DO - [M]	Industrial Point Sources - [M] Agriculture - [M]
[04-100] - AUGLAIZE RIVER (TWO MILE CREEK TO SIXMILE CREEK) - Segment Length: 9.97 miles			
OH70 13	94	Siltation - [H]	Agriculture - [H]
[04-074] - GOECKE TRIBUTARY - Segment Length: 4.35 miles			
OH70 13.1	88	Organic enrichment/DO - [H]	Waste storage/storage tank leaks - [H]
[04-128] - SIXMILE CREEK - Segment Length: 6.81 miles			
OH70 14	94	Organic enrichment/DO - [H] Metals - [H] Unionized Ammonia - [M] Cause Unknown - [M]	Industrial Point Sources - [H] Municipal Point Sources - [M]
[04-079] - TRIB. TO SIXMILE CREEK (SPENCERVILLE) - Segment Length: 0.20 miles			
OH70 14.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[04-258] - SHEARER DITCH - Segment Length: 2.67 miles			
OH70 16.3	96	Unknown toxicity - [H]	Source Unknown - [H]
[04-235] - PUSHETA CREEK - Segment Length: 13.70 miles			
OH70 18	96	Other habitat alterations - [T]	Removal of riparian vegetation - [T] Channelization - [T]
[04-100] - AUGLAIZE RIVER (BLACKHOOFF CREEK TO PUSHETA CREEK) - Segment Length: 9.52 miles			
OH70 20	94	Other habitat alterations - [M] Organic enrichment/DO - [M] Unionized Ammonia - [S]	Agriculture - [M]
[04-100] - AUGLAIZE RIVER (HEADWATERS TO BLACKHOOFF CREEK) - Segment Length: 8.81 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH70 25	88	Other habitat alterations - [H] Siltation - [S]	Channelization - [H] Nonirrigated crop production - [S]
UPPER MAUMEE RIVER			
[04-100] - AUGLAIZE RIVER (FLATROCK CREEK TO MAUMEE RIVER) - Segment Length: 11.08 miles			
OH71 1	88	Flow alteration - [H] Other habitat alterations - [M] Organic enrichment/DO - [M]	Pasture land - [H] Streambank modification/destabilization - [M] Municipal Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [M] Urban Runoff/Storm Sewers (NPS) - [S] Nonirrigated crop production - [S]
[04-110] - POWELL CREEK - Segment Length: 19.60 miles			
OH71 2	88	Flow alteration - [H] Organic enrichment/DO - [M] Siltation - [S]	Other - [H] Nonirrigated crop production - [M] Onsite wastewater systems (septic tanks) - [S]
[04-112] - NORTH POWELL CREEK - Segment Length: 13.00 miles			
OH71 4	88	Siltation - [H] Organic enrichment/DO - [M] Flow alteration - [M] Other habitat alterations - [S]	Natural - [H] Pasture land - [M] Nonirrigated crop production - [S]
[04-114] - TRIB. TO SOUTH POWELL CREEK (RM 13.36) - Segment Length: 15.50 miles			
OH71 6	88	Other habitat alterations - [H] Organic enrichment/DO - [M] Siltation - [M] Unionized Ammonia - [M] Priority organics - [S]	Channelization - [H] Natural - [M] Municipal Point Sources - [M] Nonirrigated crop production - [S]
[04-072] - CONTINENTAL DITCH - Segment Length: 1.40 miles			
OH71 6.1	88	Unionized Ammonia - [H] Organic enrichment/DO - [M] Other habitat alterations - [M] Siltation - [M] Flow alteration - [S]	Municipal Point Sources - [H] Nonirrigated crop production - [M] Other - [S]
[04-109] - FLATROCK CREEK (WILDCAT CREEK TO AUGLAIZE RIVER) - Segment Length: 23.64 miles			
OH71 15	94	Organic enrichment/DO - [H] Flow alteration - [M] Siltation - [T]	Municipal Point Sources - [H] Agriculture - [M] Removal of riparian vegetation - [T]
[04-076] - OPOSSUM RUN (PAULDING) - Segment Length: 3.13 miles			
OH71 15.1	94	Organic enrichment/DO - [H] Pathogens - [H]	Combined Sewer Overflow - [H]
[04-080] - BIG RUN (PAULDING) - Segment Length: 2.50 miles			
OH71 15.2	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[04-109] - FLATROCK CREEK (OH./IND. BORDER TO WILDCAT CREEK) - Segment Length: 10.47 miles			
OH71 16	94	Organic enrichment/DO - [H] Pathogens - [H] Flow alteration - [M]	Municipal Point Sources - [M] Combined Sewer Overflow - [H] Aquaculture - [M]
[04-100] - AUGLAIZE RIVER (L. AUGLAIZE R. TO FLATROCK CREEK) - Segment Length: 5.37 miles			
OH71 19	88	Flow alteration - [H]	Flow regulation/modification - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [M] Metals - [M] Organic enrichment/DO - [M] Siltation - [S]	Channelization - [M] Municipal Point Sources - [M] Nonirrigated crop production - [S]
[04-120] - BLUE CREEK (CUNNINGHAM CREEK TO AUGLAIZE RIVER) - Segment Length: 16.27 miles			
OH71 20	88	Other habitat alterations - [H] Organic enrichment/DO - [M] Siltation - [S]	Channelization - [H] Nonirrigated crop production - [S]
[04-252] - DELAET-BROUGHTON DITCH - Segment Length: 3.80 miles			
OH71 20.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [M] Other habitat alterations - [S]	Municipal Point Sources - [H] Nonirrigated crop production - [M] Onsite wastewater systems (septic tanks) - [M] Channelization - [S]
[04-122] - WEBSTER DITCH (ZIELKE DITCH) - Segment Length: 7.87 miles			
OH71 22	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
[04-001] - MAUMEE RIVER (TIFFIN RIVER TO AUGLAIZE RIVER) - Segment Length: 1.72 miles			
OH71 29	88	Siltation - [M] Other habitat alterations - [H]	Nonirrigated crop production - [M] Dam construction - [H]
TIFFIN RIVER			
[04-600] - TIFFIN RIVER (LICK CREEK TO MAUMEE RIVER) - Segment Length: 8.18 miles			
OH72 1	94	Siltation - [H] Other habitat alterations - [H] Flow alteration - [S]	Agriculture - [H] Channelization - [H] Dam construction - [S]
[04-605] - MUD CREEK - Segment Length: 12.00 miles			
OH72 6	88	Other habitat alterations - [H] Organic enrichment/DO - [M] Siltation - [S]	Nonirrigated crop production - [H] Channelization - [H]
[04-609] - LICK CREEK (LITTLE LICK CREEK TO TIFFIN RIVER) - Segment Length: 10.14 miles			
OH72 10	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Nonirrigated crop production - [H] Channelization - [M]
[04-633] - PRAIRIE CREEK - Segment Length: 12.75 miles			
OH72 11	88	Metals - [H] Unionized Ammonia - [M] Organic enrichment/DO - [M] Other habitat alterations - [M] Siltation - [S]	Industrial Point Sources - [H] Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [M] Channelization - [M] Nonirrigated crop production - [S]
[04-639] - TRIB. TO PRAIRIE CREEK (RM 11.0) - Segment Length: 2.38 miles			
OH72 11.7	88	Metals - [H]	Industrial Point Sources - [H] Municipal Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [M]
[04-636] - WILLIAMS CO. DITCH 40 - Segment Length: 3.76 miles			
OH72 11.8	88	Organic enrichment/DO - [H] Unionized Ammonia - [M] Nutrients - [M]	Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [M] Onsite wastewater systems (septic tanks) - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Siltation - [S]	Nonirrigated crop production - [M] Channelization - [M]
[04-609] - LICK CREEK (HEADWATERS TO LITTLE LICK CREEK) - Segment Length: 17.93 miles			
OH72 13	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Nonirrigated crop production - [H] Channelization - [S]
[04-600] - TIFFIN RIVER (LEATHERWOOD CREEK TO LICK CREEK) - Segment Length: 28.16 miles			
OH72 16	94	Siltation - [H] Other habitat alterations - [H]	Agriculture - [H] Channelization - [H] Highway/road/bridge/sewer line - [H]
[04-614] - BRUSH CREEK - Segment Length: 21.40 miles			
OH72 18	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Municipal Point Sources - [H] Nonirrigated crop production - [M] Channelization - [S]
[04-615] - OWL CREEK - Segment Length: 3.20 miles			
OH72 19	88	Organic enrichment/DO - [H] Other habitat alterations - [M] Siltation - [S]	Nonirrigated crop production - [H] Channelization - [H]
[04-637] - TRIB. TO BEAVER CREEK (RM 14.2) - Segment Length: 2.78 miles			
OH72 21.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [M] Siltation - [S]	Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [M] Nonirrigated crop production - [M] Channelization - [M] Onsite wastewater systems (septic tanks) - [S]
[04-624] - MILL CREEK - Segment Length: 15.50 miles			
OH72 29	94	Unknown toxicity - [H] Siltation - [M] Other habitat alterations - [S]	Spills - [H] Agriculture - [M] Feedlots (Confined Animal Feeding Oper.) - [S]
[04-632] - OLD BEAN CREEK - Segment Length: 8.40 miles			
OH72 37	94	Other habitat alterations - [H] Siltation - [M]	Channelization - [H] Agriculture - [M]
UPPER MIDDLE MAUMEE RIVER			
[04-026] - BAD CREEK (UNNAMED TRIB. S. OF DELTA TO MAUMEE R.) - Segment Length: 14.43 miles			
OH73 1	92	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
[04-092] - TRIB. TO BAD CREEK (RM 14.4) - Segment Length: 3.90 miles			
OH73 1.1	88	Organic enrichment/DO - [H] Unionized Ammonia - [M]	Source Unknown - [H]
[04-026] - BAD CREEK (HEADWATERS TO UNNAMED TRIB. S OF DELTA) - Segment Length: 16.27 miles			
OH73 2	88	Siltation - [H]	Nonirrigated crop production - [H]
[04-031] - LOST CREEK - Segment Length: 11.20 miles			
OH73 8	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [S]
[04-037] - NORTH TURKEYFOOT CREEK - Segment Length: 21.90 miles			
OH73 16	88	Organic enrichment/DO - [H] Metals - [M] Flow alteration - [S]	Municipal Point Sources - [H] Natural - [S] Nonirrigated crop production - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[04-094] - TRIB. TO NORTH TURKEYFOOT CR. (RM 17.33) - Segment Length: 3.58 miles			
OH73 16.1	88	Unionized Ammonia - [H] Metals - [M] Organic enrichment/DO - [S]	Source Unknown - [H]
[04-082] - TRIB. TO NORTH TURKEYFOOT CR. (RM 6.68) - Segment Length: 12.70 miles			
OH73 16.2	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[04-083] - TRIB. TO NORTH TURKEYFOOT CR. (RM 18.4) - Segment Length: 2.15 miles			
OH73 16.3	88	Unionized Ammonia - [H] Nutrients - [H]	Municipal Point Sources - [H]
[04-038] - KONZEN DITCH - Segment Length: 11.60 miles			
OH73 17	88	Siltation - [H] Other habitat alterations - [M]	Nonirrigated crop production - [H] Channelization - [M]
[04-001] - MAUMEE RIVER (VAN HYNING CR. TO N. TURKEYFOOT CR.) - Segment Length: 7.67 miles			
OH73 18	88	Siltation - [H] Other habitat alterations - [H] Organic enrichment/DO - [M]	Nonirrigated crop production - [H] Dam construction - [H] Municipal Point Sources - [M]
[04-001] - MAUMEE RIVER (WADE CREEK TO VAN HYNING CREEK) - Segment Length: 6.59 miles			
OH73 21	88	Siltation - [H] Other habitat alterations - [H] Organic enrichment/DO - [M]	Nonirrigated crop production - [H] Dam construction - [H] Municipal Point Sources - [M]
[04-001] - MAUMEE RIVER (AUGLAIZE RIVER TO WADE CREEK) - Segment Length: 11.86 miles			
OH73 26	94	Other habitat alterations - [M] Organic enrichment/DO - [M] Other habitat alterations - [M] Organic enrichment/DO - [M]	Industrial Point Sources - [M] Municipal Point Sources - [M] Industrial Point Sources - [M] Municipal Point Sources - [M] Hydromodification - [M] Hydromodification - [M]
[04-999] - MIAMI-ERIE CANAL - Segment Length: 6.60 miles			
OH73 26.10	88	Other habitat alterations - [H] Organic enrichment/DO - [M] Siltation - [M] Flow alteration - [S]	Channelization - [H] Municipal Point Sources - [M] Flow regulation/modification - [S] Onsite wastewater systems (septic tanks) - [H]
LOWER MIDDLE MAUMEE RIVER			
[04-085] - WEST BRANCH TONTAGONY CREEK - Segment Length: 10.00 miles			
OH74 2.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[04-019] - YELLOW CREEK - Segment Length: 17.40 miles			
OH74 11	88	Siltation - [M] Organic enrichment/DO - [H] Other habitat alterations - [S]	Nonirrigated crop production - [M] Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [S] Channelization - [S]
[04-021] - LITTLE YELLOW CREEK - Segment Length: 6.42 miles			
OH74 13	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [M] Nonirrigated crop production - [S] Onsite wastewater systems (septic tanks) - [S]
[04-001] - MAUMEE RIVER (BAD CREEK TO BEAVER CREEK) - Segment Length: 4.98 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH74 16	88	Siltation - [H] Other habitat alterations - [H] Organic enrichment/DO - [M]	Nonirrigated crop production - [H] Dam construction - [H] Municipal Point Sources - [M]
[04-001] - MAUMEE RIVER (SWAN CREEK TO LAKE ERIE) - Segment Length: 5.22 miles			
OH74 17	96	Pesticides - [M] Priority organics - [M] Metals - [M] Nutrients - [M] Siltation - [M] Total toxics - [H]	Major Municipal Point Source - [H] Combined Sewer Overflow - [H] Agriculture - [H] Other Urban Runoff - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M] Drainage/filling of wetlands - [M] Spills - [M]
LOWER MAUMEE RIVER (AND OTTAWA RIVER)			
[04-001] - MAUMEE RIVER (WATERVILLE TO SWAN CREEK) - Segment Length: 15.46 miles			
OH75 1	96	Pesticides - [M] Priority organics - [M] Metals - [M] Siltation - [H] Nutrients - [M] Other habitat alterations - [H] Total toxics - [M]	Combined Sewer Overflow - [H] Agriculture - [M] Other Urban Runoff - [M] Hydromodification - [M] - [M]
[04-002] - DUCK CREEK - Segment Length: 3.56 miles			
OH75 2	96	Pesticides - [M] Priority organics - [M] Metals - [M] Siltation - [M] Salinity/TDS/chlorides - [M] Flow alteration - [M] Other habitat alterations - [H] Oil and grease - [M]	Other Urban Runoff - [M] Sludge - [S] Channelization - [H] Removal of riparian vegetation - [M] Streambank modification/destabilization - [H] Spills - [M] Contaminated sediments - [M]
[04-003] - SWAN CREEK (BLUE CREEK TO MAUMEE RIVER) - Segment Length: 22.17 miles			
OH75 3	96	Pesticides - [M] Priority organics - [M] Metals - [M] Siltation - [H] Other habitat alterations - [M]	Other Urban Runoff - [H] Hydromodification - [M] Land development/Suburbanization - [M]
[04-098] - HEILMAN DITCH - Segment Length: 3.81 miles			
OH75 3.1	96	Unknown toxicity - [M] Flow alteration - [M] Other habitat alterations - [H]	Other Urban Runoff - [H] Highway maintenance and runoff - [M]
[04-004] - WOLF CREEK - Segment Length: 7.00 miles			
OH75 4	96	Siltation - [M] Flow alteration - [S] Other habitat alterations - [S] Total toxics - [H]	Highway/road/bridge/sewer line - [S] Land development/Suburbanization - [M] Other Urban Runoff - [H] Streambank modification/destabilization - [S]
[04-006] - BLUE CREEK - Segment Length: 11.90 miles			
OH75 6	96	Pesticides - [S]	Land development/Suburbanization - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Metals - [S]	Other Urban Runoff - [H]
		Priority organics - [S]	Removal of riparian vegetation - [M]
		Siltation - [M]	Streambank modification/destabilization - [M]
		Flow alteration - [M]	
		Other habitat alterations - [H]	
		Other habitat alterations - [T]	Hydromodification - [T]
[04-003] - SWAN CREEK (AI CREEK TO BLUE CREEK) - Segment Length: 8.40 miles			
OH75 9	92	Siltation - [H]	Agriculture - [H]
[04-003] - SWAN CREEK (HEADWATERS TO AI CREEK) - Segment Length: 12.90 miles			
OH75 12	92	Siltation - [H]	Agriculture - [H]
[04-012] - GRASSY CREEK - Segment Length: 5.50 miles			
OH75 14	96	Pesticides - [M]	Onsite wastewater systems (septic tanks) - [S]
		Priority organics - [M]	Land development/Suburbanization - [M]
		Metals - [M]	Other Urban Runoff - [M]
		Siltation - [M]	Hydromodification - [M]
		Other habitat alterations - [H]	- [H]
		Organic enrichment/DO - [S]	
		Nutrients - [M]	
[04-300] - OTTAWA RIVER - Segment Length: 19.75 miles			
OH75 16	96	Pesticides - [H]	Major Industrial Point Source - [M]
		Priority organics - [H]	Combined Sewer Overflow - [M]
		Siltation - [M]	Land development/Suburbanization - [M]
		Other habitat alterations - [M]	Other Urban Runoff - [S]
			Landfills - [H]
			Channelization - [M]
			Removal of riparian vegetation - [M]
			Streambank modification/destabilization - [M]
[04-307] - FLIEG DITCH - Segment Length: 3.75 miles			
OH75 16.1	96	Flow alteration - [H]	Highway/road/bridge/sewer line - [M]
		Other habitat alterations - [M]	Land development/Suburbanization - [M]
		Siltation - [M]	Other Urban Runoff - [M]
		Unknown toxicity - [S]	Dredging - [M]
			Removal of riparian vegetation - [H]
			Streambank modification/destabilization - [H]
			Highway maintenance and runoff - [S]
[04-306] - HELDMAN DITCH - Segment Length: 5.50 miles			
OH75 16.2	96	Nutrients - [M]	Highway/road/bridge/sewer line - [M]
		Siltation - [M]	Land development/Suburbanization - [M]
		Flow alteration - [H]	Other Urban Runoff - [M]
		Other habitat alterations - [H]	Channelization - [M]
			Removal of riparian vegetation - [H]
			Streambank modification/destabilization - [H]
			Highway maintenance and runoff - [M]
[04-304] - ZINK DITCH - Segment Length: 3.90 miles			
OH75 16.21	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[04-302] - HAEFNER DITCH - Segment Length: 4.40 miles			
OH75 16.3	96	Unknown toxicity - [M]	Land development/Suburbanization - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [H] Siltation - [M]	Other Urban Runoff - [M] Hydromodification - [H] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M] Highway maintenance and runoff - [M]
[04-303] - HILL DITCH - Segment Length: 5.80 miles			
OH75 16.4	96	Flow alteration - [H] Other habitat alterations - [H] Siltation - [M] Nutrients - [S]	Other Urban Runoff - [M] Highway/road/bridge/sewer line - [M] Land development/Suburbanization - [M] Removal of riparian vegetation - [H] Streambank modification/destabilization - [H] Channelization - [M]
[04-310] - SIBLEY CREEK - Segment Length: 5.20 miles			
OH75 17	96	Unknown toxicity - [H] Siltation - [M] Flow alteration - [H] Other habitat alterations - [M]	Other Urban Runoff - [M] Channelization - [M] Dredging - [M] Streambank modification/destabilization - [H] Spills - [H]
[04-320] - TENMILE CREEK - Segment Length: 25.47 miles			
OH75 18	96	Pesticides - [M] Priority organics - [M] Siltation - [S] Other habitat alterations - [H] Metals - [S]	Agriculture - [H] Land development/Suburbanization - [M] Removal of riparian vegetation - [S] Dam construction - [S]
[04-321] - NORTH BRANCH TENMILE CREEK - Segment Length: 6.50 miles			
OH75 19	96	Pesticides - [M] Priority organics - [M] Metals - [S] Flow alteration - [H] Other habitat alterations - [S]	Highway/road/bridge/sewer line - [S] Land development/Suburbanization - [M] Other Urban Runoff - [M] Flow regulation/modification - [H]
[04-065] - BEAR CREEK (HEADWATERS TO OHIO/MICHIGAN BORDER) - Segment Length: 10.37 miles			
OH75 22	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H] Nonirrigated crop production - [S] Feedlots (Confined Animal Feeding Oper.) - [S]
[04-093] - TRIB. TO BEAR CREEK (RM 12.3) - Segment Length: 1.25 miles			
OH75 22.1	88	Unionized Ammonia - [H]	Municipal Point Sources - [H] Nonirrigated crop production - [M]
[04-068] - SHANTEE CREEK - Segment Length: 6.00 miles			
OH75 25	96	Unknown toxicity - [M] Pesticides - [M] Priority organics - [H] Metals - [M] Organic enrichment/DO - [M] Flow alteration - [M] Other habitat alterations - [H] Oil and grease - [M]	Minor Industrial Point Source - [H] Other Urban Runoff - [M] Onsite wastewater systems (septic tanks) - [M] Channelization - [M] Removal of riparian vegetation - [H] Streambank modification/destabilization - [M] Contaminated sediments - [M]
[04-089] - TIFFT DITCH - Segment Length: 2.05 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH75 25.1	96	Siltation - [M] Flow alteration - [M] Other habitat alterations - [H]	Land development/Suburbanization - [H] Other Urban Runoff - [M] Channelization - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [H]
[04-069] - SILVER CREEK - Segment Length: 6.90 miles			
OH75 26	96	Pesticides - [M] Priority organics - [H] Metals - [M] Nutrients - [M] Organic enrichment/DO - [S] Flow alteration - [M] Other habitat alterations - [H] Oil and grease - [M]	Land development/Suburbanization - [H] Channelization - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M] Contaminated sediments - [M]
[04-088] - KETCHAM DITCH - Segment Length: 1.43 miles			
OH75 26.1	96	Siltation - [M] Flow alteration - [M] Other habitat alterations - [H]	Land development/Suburbanization - [H] Other Urban Runoff - [M] Channelization - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [H]
LAKE ERIE TRIBS MAUMEE R. TO PORTAGE R.			
[16-216] - PACKER CREEK - Segment Length: 24.40 miles			
OH76 3	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [S] Onsite wastewater systems (septic tanks) - [S] Landfills - [S]
[16-215] - TOUSSAINT CREEK (TRIB. E. OF GENOA TO TOUSSAINT R) - Segment Length: 17.85 miles			
OH76 4	96	Siltation - [M] Other habitat alterations - [H]	Nonirrigated crop production - [H] Channelization - [M] Highway/road/bridge/sewer line - [S]
[16-215] - TOUSSAINT CREEK (HEADWATERS TO TRIB. E. OF GENOA) - Segment Length: 20.47 miles			
OH76 5	96	Siltation - [M] Other habitat alterations - [H]	Nonirrigated crop production - [H] Urban Runoff/Storm Sewers (NPS) - [M] Channelization - [M] Dredging - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M]
[16-210] - TURTLE CREEK - Segment Length: 9.50 miles			
OH76 7	96	Siltation - [M] Flow alteration - [H] Other habitat alterations - [H] Nutrients - [M]	Nonirrigated crop production - [H] Channelization - [H] Dredging - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M]
[16-212] - SOUTH BRANCH TURTLE CREEK - Segment Length: 6.40 miles			
OH76 9	96	Siltation - [M] Organic enrichment/DO - [M] Flow alteration - [M] Other habitat alterations - [H]	Nonirrigated crop production - [M] Channelization - [H] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
			Source Unknown - [M]
[16-205] - CRANE CREEK - Segment Length: 28.07 miles			
OH76 11	96	Pesticides - [S]	Agriculture - [H]
		Priority organics - [S]	Land development/Suburbanization - [S]
		Metals - [S]	Removal of riparian vegetation - [M]
		Siltation - [M]	
		Flow alteration - [S]	
		Other habitat alterations - [H]	
[16-206] - AYERS CREEK - Segment Length: 5.77 miles			
OH76 12	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [S]
		Metals - [M]	Onsite wastewater systems (septic tanks) - [S]
[16-207] - LITTLE CRANE CREEK - Segment Length: 3.50 miles			
OH76 13	96	Siltation - [M]	Nonirrigated crop production - [H]
		Flow alteration - [H]	Channelization - [M]
		Other habitat alterations - [H]	Removal of riparian vegetation - [M]
			Streambank modification/destabilization - [M]
[16-208] - HENRY CREEK - Segment Length: 9.00 miles			
OH76 14	96	Siltation - [M]	Package Plants (Small Flows) - [M]
		Organic enrichment/DO - [M]	Nonirrigated crop production - [H]
		Flow alteration - [H]	Onsite wastewater systems (septic tanks) - [S]
		Other habitat alterations - [H]	Channelization - [M]
			Removal of riparian vegetation - [H]
			Streambank modification/destabilization - [H]
[16-202] - CEDAR CREEK - Segment Length: 23.95 miles			
OH76 18	96	Pesticides - [M]	Minor Municipal Point Source - [S]
		Priority organics - [M]	Nonirrigated crop production - [M]
		Metals - [M]	Channelization - [M]
		Siltation - [M]	Flow regulation/modification - [M]
		Flow alteration - [H]	Removal of riparian vegetation - [H]
		Other habitat alterations - [H]	Streambank modification/destabilization - [H]
[16-203] - DRY CREEK - Segment Length: 11.50 miles			
OH76 19	96	Pesticides - [M]	Agriculture - [H]
		Priority organics - [M]	Urban Runoff/Storm Sewers (NPS) - [S]
		Metals - [M]	Channelization - [M]
		Siltation - [M]	Dredging - [M]
		Flow alteration - [H]	Removal of riparian vegetation - [H]
		Other habitat alterations - [H]	Streambank modification/destabilization - [H]
		Organic enrichment/DO - [S]	Land development/Suburbanization - [M]
			Onsite wastewater systems (septic tanks) - [S]
[16-221] - DRIFTMEYER DITCH - Segment Length: 2.43 miles			
OH76 21.1	96	Nutrients - [M]	Nonirrigated crop production - [H]
		Siltation - [M]	Land development/Suburbanization - [S]
		Organic enrichment/DO - [S]	Onsite wastewater systems (septic tanks) - [S]
		Other habitat alterations - [H]	Channelization - [H]
			Removal of riparian vegetation - [M]
			Streambank modification/destabilization - [M]
[16-222] - AMLOSCH DITCH - Segment Length: 4.40 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH76 21.11	96	Nutrients - [M] Siltation - [M] Flow alteration - [H] Other habitat alterations - [H]	Nonirrigated crop production - [H] Specialty crop production - [M] Channelization - [H] Dredging - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M]
[16-201] - WOLF CREEK - Segment Length: 8.25 miles			
OH76 23	96	Siltation - [M] Flow alteration - [H] Other habitat alterations - [H] Nutrients - [H]	Highway/road/bridge/sewer line - [S] Land development/Suburbanization - [M] Removal of riparian vegetation - [H] Streambank modification/destabilization - [H] Channelization - [H] Dredging - [H] Nonirrigated crop production - [H]
[16-200] - OTTER CREEK - Segment Length: 10.23 miles			
OH76 24	96	Unknown toxicity - [M] Siltation - [H] Flow alteration - [M] Other habitat alterations - [M] Total toxics - [M] Oil and grease - [H]	Major Industrial Point Source - [H] Minor Industrial Point Source - [S] Urban Runoff/Storm Sewers (NPS) - [M] Landfills - [H] Hazardous waste - [S] Channelization - [M] Removal of riparian vegetation - [M] Streambank modification/destabilization - [M]
UPPER PORTAGE RIVER			
[16-102] - BULL CREEK - Segment Length: 14.30 miles			
OH77 3	96	Other habitat alterations - [H]	Channelization - [H] Removal of riparian vegetation - [M]
[16-103] - ROCKY FORD - Segment Length: 22.90 miles			
OH77 4	96	Organic enrichment/DO - [H] Flow alteration - [M] Metals - [S]	Combined Sewer Overflow - [H] Minor Municipal Point Source - [S] Onsite wastewater systems (septic tanks) - [H] - [M]
[16-107] - AIR PRODUCTS TRIB. - Segment Length: 3.37 miles			
OH77 4.2	88	Metals - [H] Organic enrichment/DO - [M]	Industrial Point Sources - [H]
[16-101] - MIDDLE BR. PORTAGE R.(HEADWATERS TO ROCKY FORD) - Segment Length: 19.60 miles			
OH77 5	96	Other habitat alterations - [H]	Channelization - [H] Removal of riparian vegetation - [H]
[16-104] - NEEDLES CREEK - Segment Length: 10.70 miles			
OH77 6	96	Other habitat alterations - [T]	Channelization - [T]
[16-105] - EAST BRANCH PORTAGE RIVER - Segment Length: 24.37 miles			
OH77 8	96	Priority organics - [H] Metals - [H] Nonpriority organics - [S] Organic enrichment/DO - [H] Other habitat alterations - [M]	Major Municipal Point Source - [H] Combined Sewer Overflow - [H] Onsite wastewater systems (septic tanks) - [H] Channelization - [M] Nonirrigated crop production - [S] Pasture land - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[16-100] - SOUTH BRANCH (HEADWATERS TO E. BR. PORTAGE R.) - Segment Length: 11.73 miles			
OH77 9	96	Organic enrichment/DO - [H] Flow alteration - [H]	Pasture land - [H] Nonirrigated crop production - [H] Onsite wastewater systems (septic tanks) - [S] Streambank modification/destabilization - [S]
[16-007] - NORTH BRANCH PORTAGE RIVER - Segment Length: 25.80 miles			
OH77 10	96	Other habitat alterations - [H] Nutrients - [T]	Channelization - [H] Municipal Point Sources - [T]
LOWER PORTAGE RIVER			
[16-001] - PORTAGE RIVER (SUGAR CREEK TO LAKE ERIE) - Segment Length: 17.50 miles			
OH78 3	96	Organic enrichment/DO - [H] Siltation - [H] Priority organics - [S] Metals - [S]	Nonirrigated crop production - [H] Industrial Point Sources - [S] Combined Sewer Overflow - [S]
[16-002] - LITTLE PORTAGE RIVER - Segment Length: 9.10 miles			
OH78 4	96	Siltation - [H] Organic enrichment/DO - [H]	Agriculture - [H] Channelization - [H] Drainage/filling of wetlands - [H]
[16-006] - SUGAR CREEK - Segment Length: 17.80 miles			
OH78 8	96	Other habitat alterations - [T] Nutrients - [T]	Channelization - [T] Nonirrigated crop production - [T] Feedlots (Confined Animal Feeding Oper.) - [T]
[16-001] - PORTAGE RIVER (M. BR. PORTAGE R. TO SUGAR CREEK) - Segment Length: 17.71 miles			
OH78 9	96	Nutrients - [H] Organic enrichment/DO - [M] Nutrients - [T]	Major Municipal Point Source - [H] Nonirrigated crop production - [M] Specialty crop production - [S] Combined Sewer Overflow - [S] Municipal Point Sources - [T]
[16-217] - LACARPE CREEK - Segment Length: 5.40 miles			
OH78 10.1	94	Other habitat alterations - [M] Flow alteration - [M]	Streambank modification/destabilization - [M] Channelization - [M] Natural - [M]
TYMOCHTEE CREEK			
[05-300] - TYMOCHTEE CREEK (WARPOLE CR. TO L. TYMOCHTEE CR.) - Segment Length: 21.38 miles			
OH79 9	88	Other habitat alterations - [H] Siltation - [M]	Nonirrigated crop production - [H] Nonirrigated crop production - [M]
UPPER SANDUSKY RIVER			
[05-001] - SANDUSKY RIVER (ROCK RUN TO TYMOCHTEE CREEK) - Segment Length: 11.67 miles			
OH80 1	92	Siltation - [H]	Agriculture - [H]
[05-001] - SANDUSKY RIVER (BROKEN SWORD CREEK TO ROCK RUN) - Segment Length: 17.08 miles			
OH80 9	92	Unionized Ammonia - [S] Siltation - [H] Organic enrichment/DO - [M]	Municipal Point Sources - [M] Agriculture - [H]
[05-032] - ROCK RUN - Segment Length: 7.00 miles			
OH80 10	92	Siltation - [H]	Agriculture - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[05-060] - TRIB. TO BROKEN SWORD CREEK (NEVADA) - Segment Length: 2.45 miles			
OH80 13.1	88	Organic enrichment/DO - [H]	Source Unknown - [H]
[05-001] - SANDUSKY RIVER (UNNAMED TRIB. TO BROKEN SWORD CR.) - Segment Length: 21.84 miles			
OH80 17	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Siltation - [H]	Agriculture - [H]
		Priority organics - [S]	Urban Runoff/Storm Sewers (NPS) - [M]
[05-001] - SANDUSKY RIVER (HEADWATERS TO UNNAMED TRIB.) - Segment Length: 13.57 miles			
OH80 20	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [M]	Urban Runoff/Storm Sewers (NPS) - [H]
		Siltation - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
			Nonirrigated crop production - [M]
			Onsite wastewater systems (septic tanks) - [S]
[05-042] - PARAMOUR CREEK - Segment Length: 9.60 miles			
OH80 22	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [H]	Urban Runoff/Storm Sewers (NPS) - [M]
		Other habitat alterations - [H]	
		Metals - [M]	Urban Runoff/Storm Sewers (NPS) - [S]
		Siltation - [M]	Nonirrigated crop production - [M]
		Oil and grease - [S]	Channelization - [H]
[05-059] - PPG TRIB. TO PARAMOUR CREEK - Segment Length: 5.30 miles			
OH80 22.1	88	Other habitat alterations - [H]	Nonirrigated crop production - [H]
		Siltation - [M]	
[05-055] - CRESTLINE WWTP TRIBUTARY - Segment Length: 6.16 miles			
OH80 23	88	Organic enrichment/DO - [H]	Industrial Point Sources - [H]
		Metals - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
		Unionized Ammonia - [M]	Urban Runoff/Storm Sewers (NPS) - [S]
			Contaminated sediments - [H]
[05-056] - CRESTLINE TRIBUTARY - Segment Length: 5.73 miles			
OH80 24	88	Oil and grease - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Other habitat alterations - [M]	
		Metals - [M]	Channelization - [M]
		Siltation - [M]	Streambank modification/destabilization - [M]
			Industrial Point Sources - [H]
			Contaminated sediments - [H]
MIDDLE SANDUSKY RIVER			
[05-001] - SANDUSKY RIVER (BELLS RUN TO WOLF CREEK) - Segment Length: 20.25 miles			
OH81 1	92	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Combined Sewer Overflow - [H]
			Upstream impoundment - [M]
[05-010] - SUGAR CREEK - Segment Length: 10.40 miles			
OH81 2	90	Priority organics - [H]	Industrial Point Sources - [H]
[05-200] - HONEY CREEK (BROKEN KNIFE CREEK TO SILVER CREEK) - Segment Length: 18.03 miles			
OH81 13	88	Unknown toxicity - [H]	Nonirrigated crop production - [H]
[05-200] - HONEY CREEK (HEADWATERS TO BROKEN KNIFE CREEK) - Segment Length: 9.37 miles			
OH81 21	88	Other habitat alterations - [H]	Channelization - [H]
			Nonirrigated crop production - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[05-001] - SANDUSKY RIVER (SYCAMORE CREEK TO BELLS RUN) - Segment Length: 14.81 miles			
OH81	23	92 Siltation - [H]	Agriculture - [H]
[05-001] - SANDUSKY RIVER (TYMOCHTEE CREEK TO SYCAMORE CREEK) - Segment Length: 8.02 miles			
OH81	28	92 Siltation - [H]	Agriculture - [H]
LOWER SANDUSKY RIVER			
[05-001] - SANDUSKY RIVER (WOLF CREEK TO LAKE ERIE) - Segment Length: 22.73 miles			
OH82	1	92 Flow alteration - [H]	Flow regulation/modification - [H]
		Other habitat alterations - [M]	Dam construction - [M]
		Siltation - [H]	Nonirrigated crop production - [H]
		Organic enrichment/DO - [S]	Irrigated crop production - [H]
			Industrial Point Sources - [S]
			Municipal Point Sources - [S]
[05-005] - WOLF CREEK - Segment Length: 23.90 miles			
OH82	15	94 Other habitat alterations - [H]	Channelization - [H]
			Hydromodification - [H]
		Other habitat alterations - [T]	Channelization - [T]
[05-219] - MUDDY CREEK (GRIES DITCH TO SANDUSKY BAY) - Segment Length: 20.06 miles			
OH82	21	88 Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [M]	Nonirrigated crop production - [M]
		Other habitat alterations - [S]	Channelization - [S]
		Siltation - [S]	
[05-223] - GRIES DITCH - Segment Length: 12.14 miles			
OH82	21.1	88 Flow alteration - [H]	Other - [H]
[05-219] - MUDDY CREEK (HEADWATERS TO GRIES DITCH) - Segment Length: 17.94 miles			
OH82	23	88 Other habitat alterations - [H]	Channelization - [H]
		Organic enrichment/DO - [S]	Removal of riparian vegetation - [M]
			Urban Runoff/Storm Sewers (NPS) - [S]
			Nonirrigated crop production - [S]
LAKE ERIE TRIBS SANDUSKY R. TO VERMILION R.			
[05-052] - PIPE CREEK - Segment Length: 14.87 miles			
OH83	1	88 Other habitat alterations - [H]	Channelization - [H]
		Metals - [M]	Contaminated sediments - [M]
		Siltation - [M]	Industrial Point Sources - [M]
			Nonirrigated crop production - [S]
			Urban Runoff/Storm Sewers (NPS) - [S]
[05-051] - MILLS CREEK - Segment Length: 11.66 miles			
OH83	3	88 Unionized Ammonia - [H]	Industrial Point Sources - [H]
		Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Feedlots (Confined Animal Feeding Oper.) - [S]
		Metals - [M]	Contaminated sediments - [M]
[05-058] - CASWELL DITCH - Segment Length: 5.70 miles			
OH83	3.3	88 Metals - [H]	Source Unknown - [H]
[05-057] - SNYDERS DITCH - Segment Length: 5.52 miles			
OH83	3.4	88 Unionized Ammonia - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	Contaminated sediments - [H]
		Metals - [M]	

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[05-046] - PICKEREL CREEK - Segment Length: 7.20 miles			
OH83 7	88	Other habitat alterations - [H] Siltation - [M]	Pasture land - [H] Nonirrigated crop production - [S]
[05-045] - RACCOON CREEK - Segment Length: 14.90 miles			
OH83 11	88	Organic enrichment/DO - [H] Metals - [M]	Industrial Point Sources - [H] Municipal Point Sources - [M] Harvesting,restoration,residue managem't - [S] Onsite wastewater systems (septic tanks) - [S]
[05-053] - LITTLE RACCOON CREEK - Segment Length: 7.29 miles			
OH83 11.1	88	Flow alteration - [H] Organic enrichment/DO - [S]	Other - [H] Onsite wastewater systems (septic tanks) - [S]
[05-054] - BUCK CREEK - Segment Length: 7.26 miles			
OH83 11.2	88	Pesticides - [H]	Specialty crop production - [H]
VERMILION RIVER			
[12-001] - HURON RIVER - Segment Length: 14.70 miles			
OH84 1	88	Flow alteration - [H] Organic enrichment/DO - [S]	Natural - [H] Municipal Point Sources - [S]
[12-102] - RATTLESNAKE CREEK - Segment Length: 10.88 miles			
OH84 3	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[12-104] - TRIB. TO RATTLESNAKE CREEK (RM 0.3) - Segment Length: 2.90 miles			
OH84 3.1	88	Flow alteration - [H]	Other - [H]
[12-103] - NORWALK CREEK - Segment Length: 11.43 miles			
OH84 5	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H] Onsite wastewater systems (septic tanks) - [S] Urban Runoff/Storm Sewers (NPS) - [S]
[12-100] - EAST BRANCH HURON R. (HEADWATERS TO NORWALK CR.) - Segment Length: 24.36 miles			
OH84 7	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
[12-200] - WEST BRANCH HURON R. (SLATE RUN TO EAST BRANCH) - Segment Length: 10.52 miles			
OH84 8	88		Landfills - [S]
[12-206] - SLATE RUN - Segment Length: 19.50 miles			
OH84 14	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [S]
[12-200] - WEST BRANCH HURON RIVER (HEADWATERS TO MARSH RUN) - Segment Length: 17.36 miles			
OH84 20	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Onsite wastewater systems (septic tanks) - [S]
[12-212] - TRIB. TO WEST BRANCH HURON RIVER (RM 48.05) - Segment Length: 3.55 miles			
OH84 20.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
HURON RIVER			
[20-003] - BEAVER CREEK - Segment Length: 12.20 miles			
OH85 3	94	Chlorine - [M] Nutrients - [S] Cause Unknown - [S] Pathogens - [M]	Municipal Point Sources - [H] Agriculture - [S] Onsite wastewater systems (septic tanks) - [S] Urban Runoff/Storm Sewers (NPS) - [S]
[21-008] - SKELLINGER CREEK - Segment Length: 5.50 miles			
OH85 11	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[21-001] - VERMILION RIVER (SOUTHWEST BRANCH TO EAST BRANCH) - Segment Length: 18.10 miles			
OH85 12	88	Siltation - [H]	Nonirrigated crop production - [H]
		Siltation - [T]	Nonirrigated crop production - [T]
[21-005] - SOUTHWEST BRANCH - Segment Length: 10.40 miles			
OH85 14	88	Siltation - [H]	Pasture land - [H]
		Organic enrichment/DO - [S]	Nonirrigated crop production - [M]
			Municipal Point Sources - [S]
[21-001] - VERMILION RIVER (HEADWATERS TO SOUTHWEST BRANCH) - Segment Length: 17.30 miles			
OH85 15	88	Other habitat alterations - [H]	Channelization - [H]
		Siltation - [M]	Nonirrigated crop production - [M]
		Organic enrichment/DO - [S]	Urban Runoff/Storm Sewers (NPS) - [S]
[21-006] - BUCK CREEK - Segment Length: 8.30 miles			
OH85 16	88	Unionized Ammonia - [H]	Natural - [H]
[21-007] - CLEAR CREEK - Segment Length: 5.20 miles			
OH85 17	88	Siltation - [H]	Nonirrigated crop production - [H]
[12-011] - TRIB. TO LAKE ERIE (BLUEBIRD BEACH) - Segment Length: 1.45 miles			
OH85 18.1	88	Siltation - [H]	Municipal Point Sources - [H]
BLACK RIVER			
[20-001] - BLACK RIVER - Segment Length: 15.65 miles			
OH86 2	94	Nutrients - [M]	Dredging - [M]
		Other habitat alterations - [M]	Industrial Point Sources - [H]
		Priority organics - [H]	Municipal Point Sources - [M]
			Urban Runoff/Storm Sewers (NPS) - [M]
			Agriculture - [M]
			Hydromodification - [M]
[20-002] - FRENCH CREEK - Segment Length: 15.80 miles			
OH86 3	94	Unknown toxicity - [H]	Source Unknown - [H]
[20-010] - EAST BRANCH (HILL SPAULDING DITCH TO W BR BLACK R) - Segment Length: 12.00 miles			
OH86 4	94	Nutrients - [M]	Municipal Point Sources - [H]
		Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Siltation - [T]	Nonirrigated crop production - [T]
		Other habitat alterations - [T]	Removal of riparian vegetation - [T]
[20-017] - JACKSON DITCH - Segment Length: 2.22 miles			
OH86 4.1	94	Siltation - [H]	Agriculture - [H]
		Cause Unknown - [H]	Source Unknown - [H]
		Siltation - [H]	Agriculture - [H]
		Cause Unknown - [H]	Source Unknown - [H]
[20-010] - EAST BRANCH (CROW CR. TO HILL SPAULDING DITCH) - Segment Length: 12.39 miles			
OH86 5	94	Nutrients - [H]	Agriculture - [H]
		Siltation - [H]	
		Siltation - [T]	Agriculture - [T]
[20-010] - EAST BRANCH BLACK R. (W. FK. E. BR. TO CROW CR.) - Segment Length: 20.68 miles			
OH86 7	94	Nutrients - [M]	Agriculture - [H]
		Siltation - [H]	
[20-020] - WEST BRANCH BLACK R. (ELK CR. TO E. BR. BLACK R.) - Segment Length: 14.59 miles			
OH86 13	94	Siltation - [H]	Combined Sewer Overflow - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Organic enrichment/DO - [S] Nutrients - [M]	Agriculture - [H]
[20-027] - KELNER DITCH - Segment Length: 5.40 miles			
OH86 13.1	96	Siltation - [H]	Nonirrigated crop production - [H] Land development/Suburbanization - [M]
[20-021] - PLUM CREEK - Segment Length: 9.72 miles			
OH86 14	96	Nutrients - [M] Siltation - [H]	Pasture land - [H] Urban Runoff/Storm Sewers (NPS) - [H]
[20-022] - ELK CREEK - Segment Length: 5.70 miles			
OH86 15	96	Siltation - [H]	Pasture land - [H]
[20-023] - WELLINGTON CREEK - Segment Length: 17.60 miles			
OH86 16	96	Siltation - [H] Nutrients - [M]	Agriculture - [H]
[20-020] - WEST BRANCH BLACK R. (CHARLEMONT CR. TO ELK CR.) - Segment Length: 12.06 miles			
OH86 17	94	Siltation - [H] Nutrients - [H]	Agriculture - [H]
[20-033] - GUTHRIE CREEK - Segment Length: 8.75 miles			
OH86 17.1	96	Siltation - [H]	Nonirrigated crop production - [H]
[20-024] - CHARLEMONT CREEK - Segment Length: 11.50 miles			
OH86 18	96	Siltation - [H] Nutrients - [M]	Agriculture - [H]
[20-036] - TRIB. TO CHARLEMONT CREEK (RM 9.06) - Segment Length: 5.70 miles			
OH86 18.1	96	Cause Unknown - [H]	Source Unknown - [H]
[20-020] - WEST BRANCH BLACK R. (HEADWATERS TO CHARLEMONT CR) - Segment Length: 26.60 miles			
OH86 19	96	Siltation - [H]	Agriculture - [H]
[20-034] - TRIB. TO WEST BRANCH BLACK RIVER (RM 21.32) - Segment Length: 4.99 miles			
OH86 19.1	96	Siltation - [H] Nutrients - [M]	Pasture land - [H] - [M]
[20-035] - EAST CREEK - Segment Length: 6.63 miles			
OH86 19.2	96	Cause Unknown - [H] Flow alteration - [M]	Source Unknown - [H] - [M]
[20-025] - BUCK CREEK - Segment Length: 7.50 miles			
OH86 20	96	Siltation - [H]	Agriculture - [H]
ROCKY RIVER			
[13-001] - ROCKY RIVER - Segment Length: 12.07 miles			
OH87 2	94	Organic enrichment/DO - [M] Nutrients - [M] Organic enrichment/DO - [T] Flow alteration - [T]	Municipal Point Sources - [H] Combined Sewer Overflow - [T] Urban Runoff/Storm Sewers (NPS) - [T]
[13-002] - ABRAM CREEK - Segment Length: 7.40 miles			
OH87 3	94	Organic enrichment/DO - [H] Unionized Ammonia - [H] Pathogens - [M]	Municipal Point Sources - [H]
[13-100] - EAST BRANCH ROCKY RIVER (HEALEY CREEK TO ROCKY R.) - Segment Length: 17.00 miles			
OH87 4	94	Pathogens - [S]	Municipal Point Sources - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Unionized Ammonia - [M]	Urban Runoff/Storm Sewers (NPS) - [H]
[13-101] - BALDWIN CREEK - Segment Length: 9.20 miles			
OH87 5	94	Other habitat alterations - [M]	Municipal Point Sources - [H]
		Nutrients - [H]	Urban Runoff/Storm Sewers (NPS) - [M]
		Organic enrichment/DO - [H]	Channelization - [M]
[13-103] - NORTH ROYALTON "A" TRIB. - Segment Length: 3.30 miles			
OH87 7	94	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Chlorine - [H]	Municipal Point Sources - [H]
[13-100] - EAST BRANCH ROCKY RIVER (HEADWATERS TO HEALEY CR.) - Segment Length: 17.50 miles			
OH87 8	94	Organic enrichment/DO - [M]	Municipal Point Sources - [M]
		Nutrients - [M]	
[13-104] - HEALEY CREEK - Segment Length: 5.75 miles			
OH87 9	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
			Urban Runoff/Storm Sewers (NPS) - [S]
[13-200] - WEST BRANCH ROCKY RIVER (PLUM CR. TO EAST BRANCH) - Segment Length: 3.10 miles			
OH87 10	94	Nutrients - [M]	Municipal Point Sources - [M]
[13-201] - PLUM CREEK - Segment Length: 14.80 miles			
OH87 11	94	Pathogens - [M]	Municipal Point Sources - [H]
		Nutrients - [H]	
		Organic enrichment/DO - [H]	
[13-200] - WEST BRANCH ROCKY RIVER (COSSETT CR. TO PLUM CR.) - Segment Length: 16.50 miles			
OH87 12	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[13-209] - STRONGSVILLE "A" TRIB. - Segment Length: 4.88 miles			
OH87 13	94	Unionized Ammonia - [H]	Municipal Point Sources - [H]
		Pathogens - [M]	
[13-202] - BAKER CREEK - Segment Length: 8.20 miles			
OH87 14	94	Unionized Ammonia - [S]	Onsite wastewater systems (septic tanks) - [M]
		Pathogens - [M]	
		Organic enrichment/DO - [M]	
[13-204] - MALLET CREEK - Segment Length: 11.40 miles			
OH87 17	94	Cause Unknown - [M]	Source Unknown - [M]
[13-210] - MONTVILLE LANDFILL TRIBUTARY - Segment Length: 0.74 miles			
OH87 18	88	Metals - [H]	Landfills - [H]
		Organic enrichment/DO - [H]	
		Unionized Ammonia - [M]	
[13-213] - EAST BRANCH MONTVILLE LANDFILL TRIB. - Segment Length: 0.36 miles			
OH87 18.1	88	Unionized Ammonia - [H]	Landfills - [H]
		Organic enrichment/DO - [H]	
[13-214] - WEST BRANCH MONTVILLE LANDFILL TRIB. - Segment Length: 2.10 miles			
OH87 18.2	88	Unionized Ammonia - [H]	Landfills - [H]
		Organic enrichment/DO - [H]	
[13-206] - PLUM CREEK - Segment Length: 7.10 miles			
OH87 20	88	Organic enrichment/DO - [H]	Nonirrigated crop production - [S]
			Urban Runoff/Storm Sewers (NPS) - [S]
[13-211] - TRIB. TO GRANGER DITCH (MEDINA #11) - Segment Length: 4.70 miles			

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
OH87 21.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
UPPER CUYAHOGA RIVER			
[19-030] - L. CUYAHOGA R. (WINGFOOT LAKE OUT. TO CUYAHOGA R.) - Segment Length: 11.00 miles			
OH88 1	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Priority organics - [M]	Natural - [M]
		Metals - [M]	Urban Runoff/Storm Sewers (NPS) - [M]
		Unknown toxicity - [S]	Spills - [M]
		Exotic species - [M]	Industrial Point Sources - [S]
			Source Unknown - [S]
			Landfills - [S]
[19-051] - CAMP CREEK - Segment Length: 4.48 miles			
OH88 1.1	88	Unknown toxicity - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
			Urban Runoff/Storm Sewers (NPS) - [M]
			Industrial Point Sources - [S]
[19-049] - OHIO CANAL - Segment Length: 5.84 miles			
OH88 1.2	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Other habitat alterations - [M]	Industrial Point Sources - [M]
		Metals - [S]	Channelization - [M]
[19-031] - SPRINGFIELD LAKE OUTLET - Segment Length: 3.56 miles			
OH88 2	88	Unionized Ammonia - [H]	Industrial Point Sources - [H]
		Organic enrichment/DO - [H]	Other - [H]
		Flow alteration - [H]	
		Oil and grease - [H]	Spills - [H]
[19-032] - WINGFOOT LAKE OUTLET - Segment Length: 3.42 miles			
OH88 3	88	Unknown toxicity - [H]	Industrial Point Sources - [H]
			Spills - [H]
[19-030] - L. CUYAHOGA R. (HEADWATERS TO WINGFOOT LAKE OUT.) - Segment Length: 6.40 miles			
OH88 4	88	Organic enrichment/DO - [H]	Dam construction - [H]
		Other habitat alterations - [H]	Natural - [H]
		Metals - [S]	Industrial Point Sources - [S]
[19-050] - UNION OIL TRIB. - Segment Length: 3.05 miles			
OH88 4.1	88	Other habitat alterations - [H]	Channelization - [M]
[19-001] - CUYAHOGA RIVER (CONGRESS LAKE OUT. TO L. CUYAHOGA) - Segment Length: 14.50 miles			
OH88 5	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Flow alteration - [M]	Upstream impoundment - [M]
		Thermal modifications - [S]	Municipal Point Sources - [S]
		Priority organics - [S]	Urban Runoff/Storm Sewers (NPS) - [M]
			Spills - [S]
			Industrial Point Sources - [S]
[19-026] - FISH CREEK - Segment Length: 5.40 miles			
OH88 6	94	Cause Unknown - [S]	Urban Runoff/Storm Sewers (NPS) - [S]
			Highway maintenance and runoff - [S]
			Spills - [S]
			Natural - [S]
[19-028] - BREAKNECK CREEK - Segment Length: 18.50 miles			
OH88 8	88	Organic enrichment/DO - [H]	Natural - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #	Cause of Impairment/Magnitude)		Source of Impairment/Magnitude)
	Flow alteration - [S]		Municipal Point Sources - [M] Landfills - [S]
[19-044] - BRIMFIELD DITCH - Segment Length: 3.23 miles			
OH88 8.1	88	Unionized Ammonia - [H]	Source Unknown - [H]
[19-042] - WAHOO DITCH - Segment Length: 2.15 miles			
OH88 9	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Onsite wastewater systems (septic tanks) - [S]
[19-059] - TRIB. TO WAHOO DITCH (RAVENNA WWTP) - Segment Length: 1.60 miles			
OH88 9.1	92	Organic enrichment/DO - [M] Other habitat alterations - [H] Filling and draining - [H]	Municipal Point Sources - [H] Urban Runoff/Storm Sewers (NPS) - [M] Waste storage/storage tank leaks - [H] Spills - [H] Channelization - [H]
[19-029] - POTTER CREEK - Segment Length: 10.00 miles			
OH88 10	88	Organic enrichment/DO - [H] Flow alteration - [S]	Natural - [H]
[19-001] - CUYAHOGA RIVER (BLACK BROOK TO CONGESS LAKE OUT.) - Segment Length: 19.82 miles			
OH88 11	94	Other habitat alterations - [T]	Land development/Suburbanization - [T]
[19-001] - CUYAHOGA RIVER (HEADWATERS TO BLACK BROOK) - Segment Length: 24.46 miles			
OH88 13	94	Organic enrichment/DO - [H] Flow alteration - [M] Other habitat alterations - [M] Exotic species - [M]	Natural - [M] Flow regulation/modification - [M] Channelization - [S] Municipal Point Sources - [S]
[19-036] - WEST BRANCH CUYAHOGA RIVER - Segment Length: 14.60 miles			
OH88 16	96	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H] Package Plants (Small Flows) - [H]
[19-037] - BUTTERNUT CREEK - Segment Length: 4.60 miles			
OH88 17	96	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [H]
[19-038] - TARE CREEK - Segment Length: 8.00 miles			
OH88 19	94	Other habitat alterations - [H] Organic enrichment/DO - [H]	Natural - [H] Pasture land - [H] Municipal Point Sources - [S]
LOWER CUYAHOGA RIVER			
[19-001] - CUYAHOGA RIVER (BIG CREEK TO LAKE ERIE) - Segment Length: 7.20 miles			
OH89 1	94	Organic enrichment/DO - [H] Other habitat alterations - [M] Oil and grease - [M] Flow alteration - [S] Priority organics - [M] Unknown toxicity - [S]	Combined Sewer Overflow - [H] Municipal Point Sources - [M] Urban Runoff/Storm Sewers (NPS) - [M] Spills - [M] Channelization - [M] Streambank modification/destabilization - [S] Natural - [S] Industrial Point Sources - [M]
[19-001] - CUYAHOGA RIVER (BIG CREEK TO LAKE ERIE) - Segment Length: 7.20 miles			
	94	Other habitat alterations - [H] Organic enrichment/DO - [H] Metals - [M]	Dredging - [H] Industrial Point Sources - [M] Municipal Point Sources - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other inorganics - [M]	Combined Sewer Overflow - [M]
		Unionized Ammonia - [M]	Urban Runoff/Storm Sewers (NPS) - [S]
		Priority organics - [S]	Contaminated sediments - [M]
		Oil and grease - [S]	Spills - [S]
		Siltation - [S]	
[19-002] - KINGSBURY RUN - Segment Length: 9.50 miles			
OH89 2	88	Metals - [H]	Contaminated sediments - [H]
		Priority organics - [H]	Spills - [H]
			Urban Runoff/Storm Sewers (NPS) - [S]
[19-005] - BIG CREEK - Segment Length: 12.00 miles			
OH89 5	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Oil and grease - [S]	
		Cause Unknown - [S]	
[19-045] - FORD BRANCH BIG CREEK - Segment Length: 8.75 miles			
OH89 5.1	88	Organic enrichment/DO - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
			Industrial Point Sources - [H]
[19-001] - CUYAHOGA RIVER (TINKERS CREEK TO BIG CREEK) - Segment Length: 9.20 miles			
OH89 6	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [M]
		Chlorine - [H]	Municipal Point Sources - [H]
		Siltation - [S]	Spills - [S]
		Priority organics - [S]	Landfills - [S]
		Unknown toxicity - [S]	Urban Runoff/Storm Sewers (NPS) - [M]
			Agriculture - [S]
			Natural - [S]
[19-006] - MILL CREEK - Segment Length: 12.20 miles			
OH89 7	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Unionized Ammonia - [H]	Landfills - [H]
			Urban Runoff/Storm Sewers (NPS) - [M]
[19-007] - TINKERS CREEK (POND BROOK TO CUYAHOGA RIVER) - Segment Length: 22.50 miles			
OH89 8	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Oil and grease - [H]	Industrial Point Sources - [H]
		Nutrients - [S]	Urban Runoff/Storm Sewers (NPS) - [S]
		Siltation - [S]	Construction - [S]
		Other habitat alterations - [S]	Natural - [S]
		Cause Unknown - [S]	Source Unknown - [S]
		Nutrients - [S]	Spills - [S]
		Suspended solids - [S]	Landfills - [S]
[19-043] - WOOD CREEK - Segment Length: 4.35 miles			
OH89 8.1	94	Cause Unknown - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
			Spills - [S]
			Source Unknown - [S]
[19-048] - DEER LICK RUN - Segment Length: 3.80 miles			
OH89 8.2	88	Metals - [H]	Industrial Point Sources - [H]
		Unionized Ammonia - [M]	
		Organic enrichment/DO - [M]	
[19-046] - BEAVER MEADOW CREEK - Segment Length: 5.95 miles			
OH89 8.3	94	Organic enrichment/DO - [H]	Other - [H]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
Municipal Point Sources - [M]			
[19-007] - TINKERS CREEK (HEADWATERS TO POND BROOK) - Segment Length: 6.69 miles			
OH89 9	94	Cause Unknown - [M]	Source Unknown - [M]
		Exotic species - [M]	Natural - [M]
		Metals - [S]	Municipal Point Sources - [S]
		Organic enrichment/DO - [S]	
		Nutrients - [S]	
[19-047] - STREETSBORO TRIB. TO TINKERS CREEK - Segment Length: 3.26 miles			
OH89 9.1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
[19-008] - POND BROOK - Segment Length: 6.00 miles			
OH89 10	94	Other habitat alterations - [H]	Channelization - [H]
		Exotic species - [M]	Natural - [M]
		Organic enrichment/DO - [M]	Municipal Point Sources - [S]
[19-001] - CUYAHOGA RIVER (BRANDYWINE CREEK TO TINKERS CREEK) - Segment Length: 7.80 miles			
OH89 11	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Siltation - [S]	Combined Sewer Overflow - [H]
		Unknown toxicity - [S]	Agriculture - [S]
			Natural - [S]
[19-009] - CHIPPEWA CREEK - Segment Length: 8.20 miles			
OH89 12	88	Unionized Ammonia - [H]	Pasture land - [S]
			Urban Runoff/Storm Sewers (NPS) - [S]
[19-069] - TRIB. TO CHIPPEWA CREEK (RM 6.36) - Segment Length: 3.80 miles			
OH89 12.1	96	Flow alteration - [H]	Land development/Suburbanization - [H]
		Nutrients - [M]	Other Urban Runoff - [M]
		Organic enrichment/DO - [M]	
[19-010] - BRANDYWINE CREEK - Segment Length: 11.50 miles			
OH89 13	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Cause Unknown - [S]	Source Unknown - [S]
		Siltation - [S]	Natural - [S]
[19-001] - CUYAHOGA RIVER (YELLOW CREEK TO BRANDYWINE CREEK) - Segment Length: 13.00 miles			
OH89 14	94	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unknown toxicity - [S]	Combined Sewer Overflow - [H]
		Siltation - [S]	Urban Runoff/Storm Sewers (NPS) - [S]
		Priority organics - [S]	Natural - [S]
			Agriculture - [S]
[19-021] - YELLOW CREEK - Segment Length: 10.30 miles			
OH89 25	94	Organic enrichment/DO - [T]	Onsite wastewater systems (septic tanks) - [T]
			Municipal Point Sources - [T]
[19-001] - CUYAHOGA RIVER (LITTLE CUYAHOGA R. TO YELLOW CR.) - Segment Length: 5.10 miles			
OH89 27	94	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Priority organics - [S]	Municipal Point Sources - [H]
		Unknown toxicity - [S]	Urban Runoff/Storm Sewers (NPS) - [S]
			Spills - [S]
[19-024] - MUD BROOK - Segment Length: 11.00 miles			
OH89 29	88	Organic enrichment/DO - [H]	Other - [H]
		Flow alteration - [M]	Municipal Point Sources - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID#		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Other habitat alterations - [M]	Channelization - [M]
		Metals - [S]	Industrial Point Sources - [S]
		Unionized Ammonia - [S]	
[19-025] - POWERS BROOK - Segment Length: 4.90 miles			
OH89 30	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [M]	
LAKE ERIE TRIBS (CHAGRIN RIVER)			
[15-001] - CHAGRIN RIVER (EAST BRANCH TO LAKE ERIE) - Segment Length: 5.00 miles			
OH90 5	90	Noxious aquatic plants - [H]	Source Unknown - [H]
		Other habitat alterations - [H]	Dredging - [H]
[15-002] - EAST BRANCH CHAGRIN RIVER - Segment Length: 19.40 miles			
OH90 6	96	Other habitat alterations - [T]	Land development/Suburbanization - [T]
[15-001] - CHAGRIN RIVER (AURORA BRANCH TO EAST BRANCH) - Segment Length: 22.10 miles			
OH90 7	90	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [T]	Urban Runoff/Storm Sewers (NPS) - [T]
[15-004] - WILLEY CREEK - Segment Length: 5.58 miles			
OH90 9	88	Unknown toxicity - [H]	Municipal Point Sources - [H]
		Organic enrichment/DO - [M]	
[15-005] - AURORA BRANCH - Segment Length: 18.44 miles			
OH90 10	94	Suspended solids - [M]	Municipal Point Sources - [H]
		Nutrients - [M]	
		Other inorganics - [M]	
		Nutrients - [T]	Land development/Suburbanization - [T]
			Municipal Point Sources - [T]
[15-001] - CHAGRIN RIVER (HEADWATERS TO AURORA BRANCH) - Segment Length: 24.38 miles			
OH90 12	94	Suspended solids - [H]	Industrial Point Sources - [H]
		Metals - [M]	Contaminated sediments - [M]
		Organic enrichment/DO - [S]	
		Nutrients - [T]	Land development/Suburbanization - [T]
		Other habitat alterations - [T]	
[19-041] - EUCLID CREEK - Segment Length: 9.50 miles			
OH90 16	90	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
		Other habitat alterations - [H]	Municipal Point Sources - [M]
		Unionized Ammonia - [M]	Channelization - [H]
		Metals - [M]	Onsite wastewater systems (septic tanks) - [S]
			Spills - [M]
[19-056] - EAST BRANCH EUCLID CREEK - Segment Length: 9.02 miles			
OH90 16.1	90	Organic enrichment/DO - [H]	Combined Sewer Overflow - [H]
			Municipal Point Sources - [H]
			Onsite wastewater systems (septic tanks) - [M]
UPPER GRAND RIVER			
[03-130] - ROCK CREEK (LEBANON CREEK TO GRAND RIVER) - Segment Length: 9.64 miles			
OH91 1	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Unionized Ammonia - [M]	Onsite wastewater systems (septic tanks) - [S]
[03-134] - LEBANON CREEK - Segment Length: 6.20 miles			
OH91 5	88	Organic enrichment/DO - [H]	Onsite wastewater systems (septic tanks) - [S]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
		Unionized Ammonia - [S]	Landfills - [H]
[03-001] - GRAND RIVER (HEADWATERS TO MUD CREEK) - Segment Length: 17.80 miles			
OH91 28	88	Other inorganics - [H]	Waste storage/storage tank leaks - [H] Natural - [M]
LOWER GRAND RIVER			
[03-001] - GRAND RIVER (PAINE CREEK TO LAKE ERIE) - Segment Length: 14.31 miles			
OH92 1	96	Salinity/TDS/chlorides - [H]	Landfills - [H] Bridge construction - [H]
[03-001] - GRAND RIVER (PAINE CREEK TO LAKE ERIE) - Segment Length: 14.31 miles			
	90	Organic enrichment/DO - [H] Other habitat alterations - [S]	Combined Sewer Overflow - [H] Natural - [S]
[03-001] - GRAND RIVER (PAINE CREEK TO LAKE ERIE) - Segment Length: 14.31 miles			
	90	Salinity/TDS/chlorides - [H] Metals - [H] Unknown toxicity - [S] Other habitat alterations - [S]	Landfills - [H] Other Urban Runoff - [M] Agriculture - [S]
[03-100] - BIG CREEK - Segment Length: 17.20 miles			
OH92 7	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H] Onsite wastewater systems (septic tanks) - [M]
[03-001] - GRAND RIVER (MILL CREEK TO PAINE CREEK) - Segment Length: 9.27 miles			
OH92 16	88	Unionized Ammonia - [H]	Source Unknown - [H]
[03-120] - MILL CREEK (ASKUE RUN TO GRAND RIVER) - Segment Length: 19.55 miles			
OH92 23	88	Flow alteration - [H]	Other - [H]
[03-124] - CEMETERY CREEK - Segment Length: 6.32 miles			
OH92 24	88	Organic enrichment/DO - [H]	Harvesting,restoration,residue managem't - [H] Municipal Point Sources - [M] Onsite wastewater systems (septic tanks) - [S]
ASHTABULA RIVER AND CONNEAUT CREEK			
[07-200] - TURKEY CREEK - Segment Length: 1.30 miles			
OH93 2	88	Metals - [H]	Natural - [H] Petroleum activities - [S]
[07-100] - CONNEAUT CREEK (OH./PA. BORDER TO LAKE ERIE) - Segment Length: 23.83 miles			
OH93 3	92	Other habitat alterations - [H] pH - [S] Other habitat alterations - [T] pH - [T]	Streambank modification/destabilization - [H] Spills - [S] Spills - [T]
[07-001] - ASHTABULA RIVER - Segment Length: 27.54 miles			
OH93 5	92	Priority organics - [H] Other habitat alterations - [H] Oil and grease - [S]	Industrial Point Sources - [H] Streambank modification/destabilization - [H] Spills - [S]
[07-010] - FIELDS BROOK - Segment Length: 4.60 miles			
OH93 6	88	Metals - [H] Priority organics - [M] Thermal modifications - [S] Chlorine - [S]	Industrial Point Sources - [H] Contaminated sediments - [H] Urban Runoff/Storm Sewers (NPS) - [S] Landfills - [M]

Appendix A-2. Causes and sources of aquatic life impairment or threats to aquatic life use attainment.

WB ID #		Cause of Impairment/Magnitude)	Source of Impairment/Magnitude)
[07-013] - STRONG BROOK - Segment Length: 1.34 miles			
OH93 7	92	Pathogens - [H]	Combined Sewer Overflow - [M]
		Nutrients - [H]	Urban Runoff/Storm Sewers (NPS) - [H]
		Oil and grease - [S]	Contaminated sediments - [M]
		Metals - [M]	Removal of riparian vegetation - [H]
			Spills - [H]
[07-007] - COWLES CREEK - Segment Length: 10.50 miles			
OH93 16	88	Organic enrichment/DO - [H]	Municipal Point Sources - [H]
		Chlorine - [S]	

The purpose of this fact sheet is to explain Ohio EPA's rationale for developing a plan to protection stream and riparian habitat in Ohio. This document summarizes some of the evidence supporting the protection and restoration of instream and riparian habitat on the basis of observed trends of degradation in Ohio, basic research on the function of stream ecosystems, and an increased effort to protect and restore stream and riparian habitats across the United States.

Status of Instream and Riparian Habitat in the United States

Instream and riparian habitat has been subjected to varying degrees of degradation and modification over the past 150 years. Recent moves to protect stream ecosystems is nationwide in scope with the goal of preserving and restoring aquatic habitats in streams and rivers that are becoming biologically imperiled. Nationally, aquatic biota are "disproportionately imperiled compared to

Benefits of Stream & Riparian Habitat Protection in Ohio

terrestrial fauna". One of every three fish species and two of every three crayfish species are rare or imperiled. In addition one in ten freshwater mussel species have become extinct this century and 73% of the

remaining species are rare or imperiled.¹

Even where most of the original stream species are still present, the ecological integrity of many streams is often seriously impaired because of the distur-

bance of instream habitat, sedimentation, flow regime, water quality, and riparian destruction. The five major factors that control and influence the ecological integrity of streams are illustrated in Figure 1. Traditionally, water

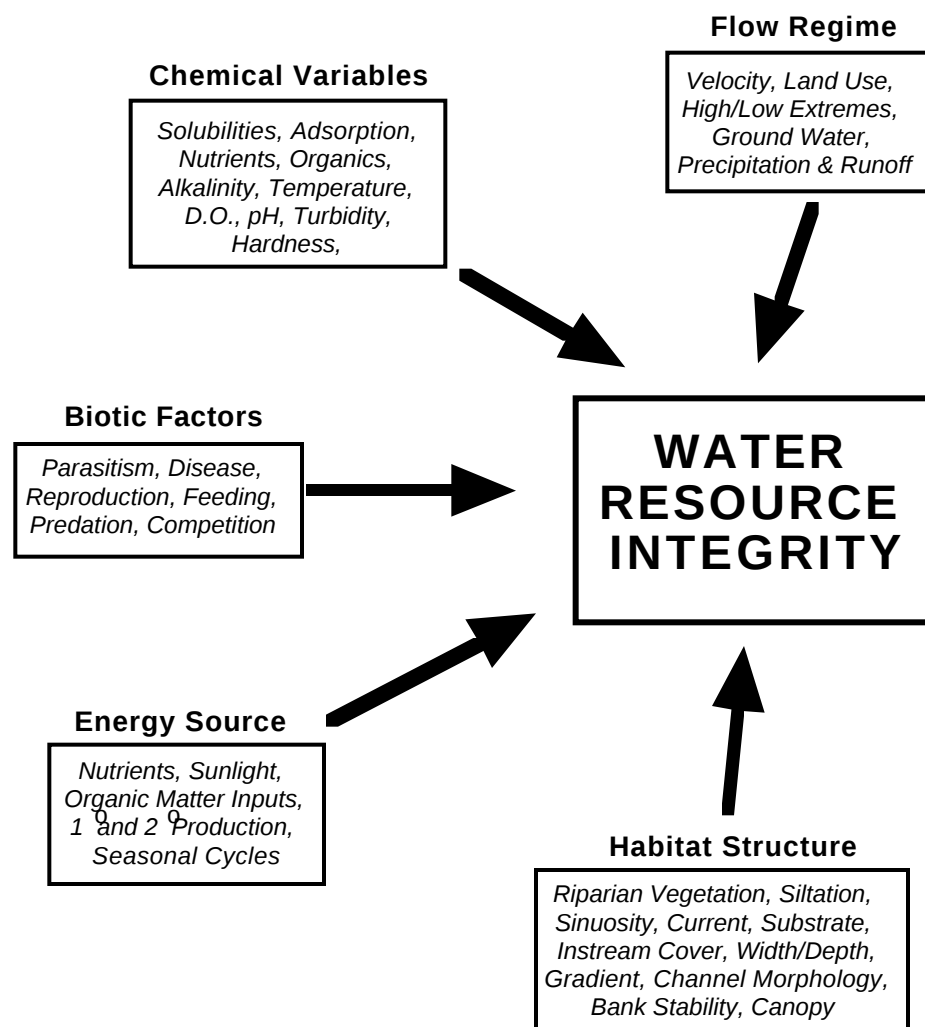


Figure 1. Five Major Factors that Influence Water Resource Integrity in Streams

resource management efforts have focused largely on chemical water quality parameters. It is now conceded, however, that habitat loss and other non-chemical impacts are likely responsible for more extensive losses of biodiversity, and hence, ecological integrity.² Based on a U. S. Fish and Wildlife Service “Nationwide Rivers Inventory” completed in 1992 only 2% of the streams and rivers in the lower 48 states had sufficient existing high-quality features to warrant special federal protection.³

Because of the marginal, poor, or declining condition of streams and their riparian areas, the National Academy of Sciences’ National Research Council committee on aquatic habitat restoration recommends that: (1) erosion control programs should be accelerated for both soil conservation and environmental restoration purposes, (2) grazing practices should be altered to minimize damage to river-riparian ecosystems, (3) erosion

control, where feasible, should favor “soft” (e.g., restoring wooded riparian vegetation) engineering over “hard” engineering (e.g., channelization) approaches, (4) unnecessary dikes and levees should be opened to re-establish hydrological connections between riparian habitats and streams, and (5) riparian areas should be classified as wetland systems, on the basis of their structural and functional connections to rivers.

This committee also set a goal of restoring 400,000 miles of riparian-river ecosystems (12% of total U.S. rivers and streams) within the next 20 years. Obviously, habitat protection and restoration is a growing national concern.

Status of Instream and Riparian Stream Habitat and Biota in Ohio

Given the national concerns with instream and riparian habitat protection and restora-

tion as outlined above, are the same concerns pertinent to Ohio? The answer to this question is an unqualified yes. Statewide monitoring of streams and rivers since 1980 indicates that habitat degradation and sedimentation are the second and third leading cause of biological impairment to streams (Figure 2).⁴ This data was largely collected to assess point sources of pollution (e.g., municipal or industrial dischargers) and likely underestimates the relative extent of

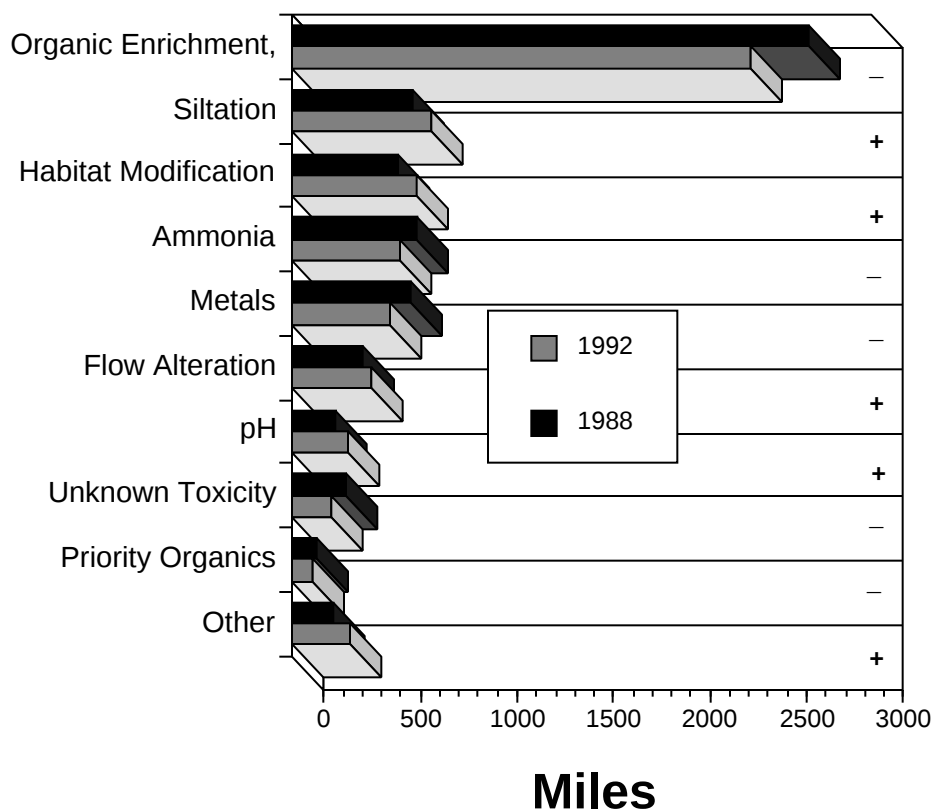


Figure 2. Causes of impairment to aquatic life in Ohio streams and rivers on data from 1979-1987 and data from 197-1991. Sign on graph indicates trend in extent of each cause.

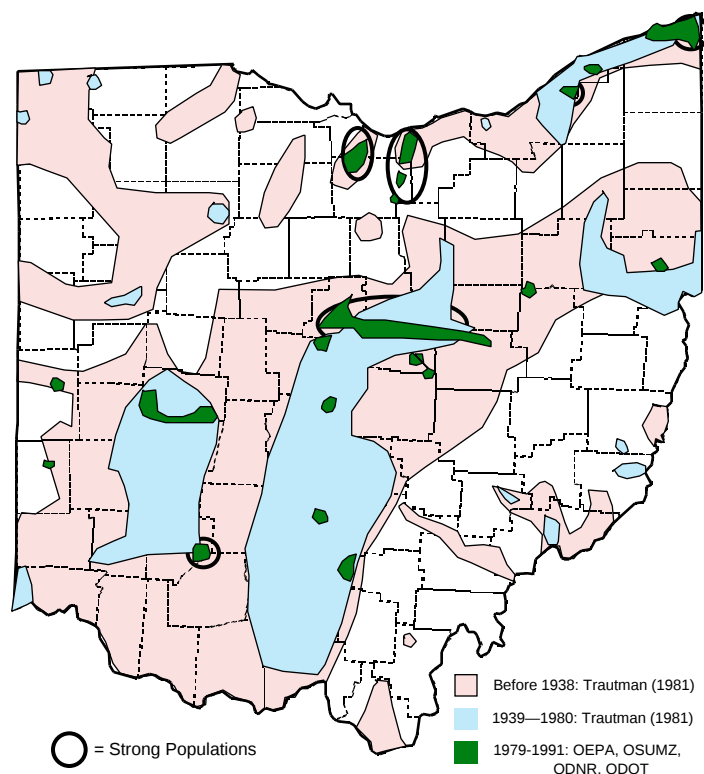


Figure 3. Decline in the distribution of the bigeye chub in Ohio during the past 90 years.

nonpoint pollution. This does not mean that point sources are not a serious area of concern in Ohio. The basic physical structure and functioning of stream ecosystems needs to be maintained, however, if we are to expect a reasonable full recovery and restoration of impaired waters as a result of the past investments of \$4 billion in point source pollution control.

In addition to data on impairment of streams and rivers caused by habitat degradation

and siltation in Ohio, declines in individual species populations and distribution in Ohio mirrors national trends. Species such as the blue pike (extinct) and crystal darter (extirpated) are no longer found in Ohio, likely as a result of the siltation of critical habitats and changes in stream flows. More alarmingly, species once common across Ohio have now been greatly reduced in range, particularly in the last half of this century. One example of such a decline is in the range of the bigeye

chub (Figure 3). Prior to 1930 this species, which requires pools free of clayey-silts and a continuous supply of cool, clean water, was widely distributed across Ohio; over the last ten years extensive sampling has documented a serious decline to a series of small, widely separated portions of its former range. The 1992 Ohio Water Resource Inventory identifies similar declines for an additional 16 species which are not presently listed as endangered, threatened, or special concern status by Ohio DNR. While it might be argued that these species individually may be of little direct economic or social significance, their role as “mine canaries” must be taken seriously. The fact that more than 40% of the native Ohio fauna is declining also has serious implications for the continued provision of aquatic ecosystem services in the future. While our monitoring data has documented a substantial recovery of aquatic life from wastewater treatment impacts in rivers across Ohio,

habitat destruction has not been slowed and in some cases is increasing. This will result in not only a net loss of ecological resource value but will blunt the benefits of the more than 5 billion that has been spent in controlling chemical water quality.

Functions of Stream Habitats and Riparian Areas

A short summary of the important functions of riparian areas and stream habitat to ecosystems is important to an understanding of the importance of these resources, the present threats to these areas, and the rationale of Ohio EPA’s Stream Protection Policy. While most people recognize the benefits of shading of streams by riparian forests, the function of these habitats goes substantially beyond the moderation of stream temperatures:

- ✓ Woody riparian vegetation naturally filters sediments, nutrients, fertilizers, and other nonpoint source pollutants, from overland runoff, and minimizes stream temperature fluctuations,
- ✓ Woody riparian vegetation stabilizes stream

banks; vegetated stream banks are up to 20,000 times more resistant to erosion than bare stream banks,

- ✓ The input of large woody debris (i.e., trees) into streams has been shown to be critically important to stream habitat diversity; 99% of woody debris in streams originates within 100 feet of the stream bank,

- ✓ Greater than 50% of the breeding bird species in Ohio use riparian wooded areas to nest. Riparian areas are also critical migration habitats; during the spring and fall, migratory birds are 10 to 14 times more abundant in riparian habitats than in surrounding upland habitats,

- ✓ Leaves and woody debris are important food sources for stream invertebrates, which in turn, are essential for fish growth and survival. Healthy riparian zones also reduce sedimentation which would otherwise inhibit invertebrate populations.

- ✓ Riparian systems are widely recognized as being essential to the hydrological cycle by maintaining and mediating flow in streams. Riparian wetlands store surplus water and dampen stream discharge fluctuations; they can also be important groundwater recharge and discharge areas. Groundwater discharge can be critical to streams during low flow periods and degradation of riparian forests often reduces this benefit,

In order to understand the threats to streams and riparian areas and, therefore, the basis of Ohio EPA's Stream Protection Policy, it is important to understand the many functions of riparian and stream habitats. Some of these functions are summarized below:

- ✓ Streams are characterized by a one-way flow of water which transports nutrients, sediments, pollutants and organisms downstream. Natural streams have many ways to slow such movements (fallen trees, wide floodplains) and species are adapted to assimilating the material trapped by trees and living in the habitats they create.

- ✓ Streams are open systems and have important exchanges of energy and materials with adjacent terrestrial systems. The bordering terrestrial environment (the riparian area) has the greatest effect on a stream ecosystem and the effect diminishes with distance from the streams. This means that protection of riparian areas will usually be the most cost-effective method of assimilating upland inputs compared to management targeted on uplands. Because of the openness and directional movement of materials in streams the cumulative effects of conditions in headwater streams have major influences on downstream,

mainstem ecosystems integrity (i.e., "River Continuum Concept").⁵

- ✓ Stream flow varies greatly through time, and floods of moderate frequency are responsible for most rehabilitation of stream channels; these are flows that continually flush fine sediments downstream. Protection of streams includes maintenance of flows that rehabilitate stream beds, stream channels, and floodplains. As described by the National Research Council: "If the observer could view several hundred years of changes in a few minutes, using time-lapse aerial photography, the river channel would appear to writhe like a snake, with meander loops moving downstream, throwing off oxbows as they go. The dynamic equilibrium in the physical system creates a corresponding dynamic equilibrium in the biological system."¹

- ✓ Streams are characterized by habitat patchiness" with alternating riffles and pools, eddies, vegetated and unvegetated channel borders, permanent backwaters, and seasonal floodplain habitats. Modifications to streams, such as flow regulation and channelization, usually results in the loss of this "patchiness" and more uniform, monotonous habitat that has greatly reduced assimilative capacity.

- ✓ Because stream communities are a product of a dynamic physical environment, in most cases they

may respond well to stream protection and restoration that return this dynamism to stream ecosystems.

- ✓ As natural areas become fewer and fragmented by development, streams and wide riparian areas can become refugia and vital corridors for migration of animals and plants and the flow of genetic material between populations.⁶

- ✓ Extensive modifications to streams generally require extensive amounts of maintenance which, if properly accounted for, would discourage most projects in streams or riparian areas on the basis of economic costs alone. Downstream affects of activities in streams and floodplains often includes increase flooding, bank erosion, and degraded ecosystem health. Channel projects often follow a downstream progression, or domino effect, with upstream activities sending flow downstream more quickly resulting in the need for channel work and maintenance there, which in turn exacerbates problems downstream of these activities, ad infinitum. The overall accumulative effect of such activities is costly "stream maintenance" activities and degraded ecosystem integrity.

Fortunately, most solutions to the degradation of instream and riparian habitats are simple and straightforward. By increasing the width of

riparian buffers through land use setback, most instream and riparian habitats will recover naturally over time. Some aspects of aquatic habitat restoration will be much more difficult to deal with (e.g., deforestation, watershed scale flow alterations) and will need more integrated watershed planning approaches to mesh

environmental protection with the need for economic development, which contrary to some notions, are not mutually exclusive. High quality streams, riparian habitats, and other natural area are a benefit of living in Ohio that people rightly expect and that is essential to Ohio's long-term economic health.

Glossary

Riparian Area: Areas adjacent to streams that are hydrologically and ecological linked to streams and rivers. The size of the area that has strong interactions with a stream or river will vary with stream morphology, stream size, geologic features, etc., however, for purposes of Ohio's Stream Protection Policy it is defined as 2-1/2 times the stream width (bank full) on each side of the stream up to 120 feet.

Ecological Integrity: This refers to the expected condition of an ecosystem in anatural, relatively undisturbed state. This is not a definition of pristine, but is derived by examining existing, intact ecosystems .

Impairment: Deviation of the biological health of a stream from the criteria set in Ohio's Water Quality Standards based on minimally unimpacted reference sites

Siltation: Covering of natural substrates by higher than normal layers of eroded soils and other fine substrates

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Appendix C.

Summary of fish tissue contaminant results from Ohio stream and river waterbodies from 1993 and 1994. See Table 2-6 of Vol I for definition of elevated (shaded) contaminant levels.

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH 1 1 - MAHONING RIVER (WEST BRANCH TO	Hexachlorobenzene	1994	3	3					
	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	3					
OH 1 24 - MAHONING RIVER (BEECH CREEK TO	Hexachlorobenzene	1994	3	3					
	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	2		1			
OH 2 1 - MAHONING RIVER (PA. TO YELLOW	Hexachlorobenzene	1994	4	4					
	Aldrin	1994	4	4					
	Dieldrin	1994	4	4					
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	0			2	1	1
OH 2 7 - MAHONING RIVER (YELLOW CREEK TO	Hexachlorobenzene	1994	1	1					
	Aldrin	1994	1	1					
	Dieldrin	1994	1	1					
	Endrin	1994	1	1					
	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	0			1		
OH 2 12 - MILL CREEK	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	0	1	2			
OH 2 20 - MAHONING RIVER (MILL CREEK TO	Hexachlorobenzene	1994	6	6					
	Aldrin	1994	6	6					
	Dieldrin	1994	6	5	1				
	Endrin	1994	6	6					
	Heptachlor	1994	6	6					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH 2 35 - MAHONING RIVER (MEANDER CREEK TO	Heptachlor Epoxide	1994	6	6					
	Mirex	1994	6	6					
	Total PCB	1994	6	0		4	1		1
	Hexachlorobenzene	1994	10	10					
	Aldrin	1994	10	10					
	Dieldrin	1994	10	10					
	Endrin	1994	10	10					
	Heptachlor	1994	10	10					
	Heptachlor Epoxide	1994	10	10					
	Mirex	1994	10	10					
OH 3 6 - PYMATUNING CREEK (SHENANGO	Total PCB	1994	10	3		1	3	1	2
	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	0	1	2			
	Aldrin	1994	1	1					
	Dieldrin	1994	1	1					
OH 3 10 - PYMATUNING CREEK (HEADWATERS TO	Endrin	1994	1	1					
	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	0	1				
	Hexachlorobenzene	1993	2	0		1	1		
	Aldrin	1993	2	2					
	Chlordane	1993	2	2					
	Dieldrin	1993	2	2					
	Endrin	1993	2	2					
OH10 9 - TUSCARAWAS RIVER (CHIPPEWA CREEK	Heptachlor	1993	2	2					
	Heptachlor Epoxide	1993	2	2					
	Mirex	1993	2	2					
	Total PCB	1993	2	0		1	1		
	Hexachlorobenzene	1993	7	2		5			
	Aldrin	1993	1	1					
	Chlordane	1993	1	1					
	Dieldrin	1993	1	1					
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
OH10 26 - TUSCARAWAS RIVER (WOLF CREEK TO	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					
	Total PCB	1993	1	0			1		
	Hexachlorobenzene	1993	5	5					
	Aldrin	1993	1	1					
	Chlordane	1993	1	1					
	Dieldrin	1993	1	1					
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
OH10 33 - TUSCARAWAS RIVER (HEADWATERS TO	Mirex	1993	1	1					
	Total PCB	1993	1	0			1		
	Hexachlorobenzene	1993	5	5					
	Aldrin	1993	1	1					
	Chlordane	1993	1	1					
	Dieldrin	1993	1	1					
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH15 1 - TUSCARAWAS RIVER (EVANS CREEK TO	Aldrin	1994	13	13					
	Dieldrin	1994	13	13					
	Endrin	1994	13	13					
	Heptachlor	1994	13	13					
	Heptachlor Epoxide	1994	13	13					
	Mirex	1994	13	13					
	Total PCB	1994	13	0		6	7		
OH15 10 - TUSCARAWAS RIVER (DUNLOP CREEK	Aldrin	1994	11	11					
	Dieldrin	1994	11	11					
	Endrin	1994	11	11					
	Heptachlor	1994	11	11					
	Heptachlor Epoxide	1994	11	11					
	Mirex	1994	11	11					
	Total PCB	1994	11	2		6	3		
OH15 19 - TUSCARAWAS RIVER (STILLWATER	Aldrin	1994	5	3	2				
	Chlordane	1994	1	1					
	Dieldrin	1994	5	5					
	Endrin	1994	5	5					
	Heptachlor	1994	5	5					
	Heptachlor Epoxide	1994	5	4	1				
	Mirex	1994	4	4					
	Total PCB	1994	5	0		2	2		1
OH15 24 - TUSCARAWAS RIVER (SUGAR CREEK TO	Aldrin	1994	8	4	4				
	Dieldrin	1994	8	8					
	Endrin	1994	8	8					
	Heptachlor	1994	8	8					
	Heptachlor Epoxide	1994	8	8					
	Mirex	1994	8	8					
	Total PCB	1994	8	0		6	2		
	Toxaphene	1994	1	1					
OH15 31 - TUSCARAWAS RIVER (CONOTTON	Aldrin	1994	2	2					
	Dieldrin	1994	2	2					
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	0				1	1
OH15 32 - TUSCARAWAS RIVER (SANDY CREEK TO	Aldrin	1994	4	3	1				
	Dieldrin	1994	4	4					
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	0		1	2		1

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH16 1 - CLEAR FK MOHICAN R(PLEASANT HILL	Aldrin	1994	7	7					
	Dieldrin	1994	7	7					
	Endrin	1994	7	7					
	Heptachlor	1994	7	7					
	Heptachlor Epoxide	1994	7	7					
	Mirex	1994	7	7					
	Total PCB	1994	7	5	1	1			
OH16 10 - CLEAR FK MOHICAN R(CEDAR FK TO	Aldrin	1994	4	4					
	Dieldrin	1994	4	4					
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	4					
OH16 15 - CLEAR FORK MOHICAN R.	Aldrin	1994	5	5					
	Dieldrin	1994	5	5					
	Endrin	1994	5	5					
	Heptachlor	1994	5	5					
	Heptachlor Epoxide	1994	5	5					
	Mirex	1994	5	5					
	Total PCB	1994	5	4		1			
OH16 16 - BLACK FORK MOHICAN R. (ROCKY	Aldrin	1994	4	4					
	Dieldrin	1994	4	4					
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	0		1	3		
OH16 21 - BLACK FK. MOHICAN R. (WHETSTONE	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	1		1	1		
OH17 1 - MOHICAN RIVER (UNNAMED TRIB. TO	Aldrin	1994	11	11					
	Dieldrin	1994	11	11					
	Endrin	1994	11	11					
	Heptachlor	1994	11	11					
	Heptachlor Epoxide	1994	11	11					
	Mirex	1994	11	11					
	Total PCB	1994	11	3		4	3		1
OH17 4 - MOHICAN RIVER (ROCKY FORK TO	Aldrin	1994	4	4					
	Dieldrin	1994	4	4					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH17 14 - JEROME FORK MOHICAN R. (LANG	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	0		2	2		
	Aldrin	1994	1	1					
	Dieldrin	1994	1	1					
	Endrin	1994	1	1					
	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	1					
OH20 22 - MUSKINGUM RIVER (TUSC./WALHOND.	Aldrin	1994	4	2	2				
	Dieldrin	1994	4	3	1				
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	0		3	1		
OH21 43 - WILLS CREEK (BUFFALO FORK TO	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	2	1				
	Hexachlorobenzene	1993	2	2					
OH22 1 - LICKING RIVER (DILLON RES. TO	Hexachlorobenzene	1993	1	1					
OH22 5 - LICKING RIVER (ROCKY FORK TO	Hexachlorobenzene	1993	1	1					
OH22 16 - LICKING RIVER (NORTH/SOUTH FORKS	Hexachlorobenzene	1993	1	1					
OH22 23 - NORTH FORK (SYCAMORE CREEK TO S.	Hexachlorobenzene	1993	1	1					
OH22 45 - S. FK. LICKING R. (BUCKEYE LK OUTLET	Hexachlorobenzene	1993	8	8					
OH22 46 - RACCOON CREEK	Hexachlorobenzene	1993	3	3					
OH22 59 - S. FK. LICKING R(TRIB@ 23.25 TO	Hexachlorobenzene	1993	1	1					
OH33 49 - PINE CREEK (LITTLE PINE CREEK TO	Aldrin	1995	9	9					
	Dieldrin	1995	9	9					
	Endrin	1995	9	9					
	Heptachlor	1995	9	9					
	Heptachlor Epoxide	1995	9	9					
	Mirex	1995	9	9					
	Total PCB	1995	9	7	1	1			
	Aldrin	1995	8	8					
OH33 61 - PINE CREEK (HALES CREEK TO LITTLE	Dieldrin	1995	8	8					
	Endrin	1995	8	8					
	Heptachlor	1995	8	8					
	Heptachlor	1995	8	8					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH34 5 - SCIOTO RIVER (RUSH CREEK TO LITTLE	Heptachlor Epoxide	1995	8	8					
	Mirex	1995	8	8					
	Total PCB	1995	8	6		2			
	Aldrin	1993	2	2					
	Chlordane	1993	2	2					
	Dieldrin	1993	2	2					
	Endrin	1993	2	2					
	Heptachlor	1993	2	2					
	Heptachlor Epoxide	1993	2	2					
	Mirex	1993	2	2					
OH35 1 - MILL CREEK (OTTER RUN TO SCIOTO	Total PCB	1993	2	2					
	Aldrin	1994	11	11					
	Dieldrin	1994	11	7	4				
	Endrin	1994	11	11					
	Heptachlor	1994	11	11					
	Heptachlor Epoxide	1994	11	9	2				
	Mirex	1994	11	11					
OH35 27 - SCIOTO RIVER (LITTLE SCIOTO RIVER	Total PCB	1994	11	11					
	Aldrin	1993	1	1					
	Chlordane	1993	1	1					
	Dieldrin	1993	1	1					
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					
OH36 12 - WHETSTONE CREEK (HEADWATERS TO	Total PCB	1993	1	1					
	Aldrin	1994	6	6					
	Dieldrin	1994	6	5	1				
	Endrin	1994	6	6					
	Heptachlor	1994	6	6					
	Heptachlor Epoxide	1994	6	6					
	Mirex	1994	6	6					
	Total PCB	1994	6	4	1	1			
OH36 23 - OLENTANGY RIVER (MUD RUN TO	Aldrin	1994	8	7	1				
	Dieldrin	1994	8	6	2				
	Endrin	1994	8	8					
	Heptachlor	1994	8	8					
	Heptachlor Epoxide	1994	8	8					
	Mirex	1994	8	8					
	Total PCB	1994	8	2	6				
	Toxaphene	1994	6	6					
OH36 35 - OLENTANGY RIVER (HEADWATERS TO	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH37 9 - OLENTANGY RIVER (BARTHOLOMEW	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	1	1	1			
	Aldrin	1994	18	18					
	Dieldrin	1994	18	13	5				
	Endrin	1994	18	18					
	Heptachlor	1994	18	18					
	Heptachlor Epoxide	1994	18	17	1				
	Mirex	1994	18	18					
OH41 34 - SCIPPO CREEK	Total PCB	1994	18	9		5	4		
	Aldrin	1994	8	7	1				
	Dieldrin	1994	8	7	1				
	Endrin	1994	8	8					
	Heptachlor	1994	8	8					
	Heptachlor Epoxide	1994	8	8					
	Mirex	1994	8	8					
	Total PCB	1994	34	8		4	13	6	3
	Aldrin	1995	2	2					
	Dieldrin	1995	2	2					
OH46 12 - SCIOTO BRUSH CREEK (SOUTH FORK TO	Endrin	1995	2	2					
	Heptachlor	1995	2	2					
	Heptachlor Epoxide	1995	2	2					
	Mirex	1995	2	2					
	Total PCB	1995	2	2					
	Aldrin	1995	3	3					
	Dieldrin	1995	3	3					
	Endrin	1995	3	3					
	Heptachlor	1995	3	3					
	Heptachlor Epoxide	1995	3	3					
OH46 63 - SCIOTO BRUSH CREEK (RARDEN CREEK	Mirex	1995	3	3					
	Total PCB	1995	3	3					
	Aldrin	1995	2	2					
	Dieldrin	1995	2	2					
	Endrin	1995	2	2					
	Heptachlor	1995	2	2					
	Heptachlor Epoxide	1995	2	2					
	Mirex	1995	2	2					
	Total PCB	1995	2	2					
	Aldrin	1995	2	2					
OH46 81 - SCIOTO BRUSH CREEK (HEADWATERS	Dieldrin	1995	2	2					
	Endrin	1995	2	2					
	Heptachlor	1995	2	2					
	Heptachlor Epoxide	1995	2	2					
	Mirex	1995	2	2					
	Total PCB	1995	2	2					
	Aldrin	1995	10	10					
	Dieldrin	1995	10	10					
	Endrin	1995	10	10					
	Heptachlor	1995	10	10					
OH47 27 - EAGLE CREEK(E/N FORK EAGLE CREEK	Heptachlor Epoxide	1995	10	10					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH47 35 - EAST FORK EAGLE CREEK	Mirex	1995	10	10					
	Total PCB	1995	10	10					
	Aldrin	1995	4	4					
	Dieldrin	1995	4	4					
	Endrin	1995	4	4					
	Heptachlor	1995	4	4					
	Heptachlor Epoxide	1995	4	4					
	Mirex	1995	4	4					
OH47 43 - WEST FORK EAGLE CREEK	Total PCB	1995	4	4					
	Aldrin	1995	3	3					
	Dieldrin	1995	3	3					
	Endrin	1995	3	3					
	Heptachlor	1995	3	3					
	Heptachlor Epoxide	1995	3	3					
	Mirex	1995	3	3					
	Total PCB	1995	3	3					
OH49 42 - WHITEOAK CREEK (STERLING RUN TO	Aldrin	1995	14	14					
	Dieldrin	1995	14	14					
	Endrin	1995	14	14					
	Heptachlor	1995	14	14					
	Heptachlor Epoxide	1995	14	14					
	Mirex	1995	14	14					
	Total PCB	1995	14	10		4			
	Aldrin	1994	51	51					
OH54 6 - UNNAMED TRIBUTARY	Dieldrin	1994	51	35	16				
	Endrin	1994	51	51					
	Heptachlor	1994	51	51					
	Heptachlor Epoxide	1994	51	51					
	Mirex	1994	51	51					
	Total PCB	1994	51	46		5			
	Aldrin	1994	2	2					
	Dieldrin	1994	2	1	1				
OH55 2 - GREAT MIAMI RIVER (INDIAN CREEK TO	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	1		1			
	Aldrin	1994	2	2					
	Dieldrin	1994	2	0	2				
	Endrin	1994	2	2					
OH55 11 - GREAT MIAMI RIVER (BOKENGEHALAS	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	0	1	1			

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH56 1 - GREAT MIAMI RIVER (LOST CREEK TO	Aldrin	1994	2	2					
	Dieldrin	1994	2	1	1				
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	0	1		1		
OH56 12 - GREAT MIAMI RIVER (LORAMIE CREEK	Aldrin	1994	4	4					
	Dieldrin	1994	4	2	2				
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	0	2	1	1		
OH56 20 - LORAMIE CREEK (TURTLE CREEK TO	Aldrin	1994	2	2					
	Dieldrin	1994	2	1	1				
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	1		1			
OH56 32 - LORAMIE CREEK (HEADWATERS TO	Aldrin	1994	2	2					
	Dieldrin	1994	2	1	1				
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	1		1			
OH57 1 - STILLWATER RIVER (BRUSH CREEK TO	Aldrin	1994	10	10					
	Chlordane	1994	3	3					
	Dieldrin	1994	10	3	7				
	Endrin	1994	10	10					
	Heptachlor	1994	10	10					
	Heptachlor Epoxide	1994	10	9	1				
	Mirex	1994	7	7					
	Total PCB	1994	10	10					
OH57 5 - STILLWATER RIVER (LUDLOW CREEK TO	Toxaphene	1994	3	3					
	Aldrin	1994	8	8					
	Chlordane	1994	8	8					
	Dieldrin	1994	8	1	7				
	Endrin	1994	8	8					
	Heptachlor	1994	8	8					
	Heptachlor Epoxide	1994	8	2	6				
	Total PCB	1994	8	8					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH57 14 - STILLWATER RIVER (GREENVILLE CR.	Toxaphene	1994	8	8					
	Aldrin	1994	4	4					
	Dieldrin	1994	4	4					
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	4					
OH57 37 - STILLWATER RIVER (SWAMP CREEK TO	Aldrin	1994	3	3					
	Dieldrin	1994	3	2	1				
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	3					
OH58 1 - MAD RIVER (MUD RUN TO GREAT MIAMI	Aldrin	1994	5	5					
	Dieldrin	1994	5	4	1				
	Endrin	1994	5	5					
	Heptachlor	1994	5	5					
	Heptachlor Epoxide	1994	5	4	1				
	Mirex	1994	5	5					
	Total PCB	1994	5	3		1	1		
OH58 4 - MAD RIVER (DONNELS CREEK TO MUD	Aldrin	1994	3	3					
	Dieldrin	1994	3	2	1				
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	2	1				
	Mirex	1994	3	3					
	Total PCB	1994	3	2			1		
OH58 11 - MAD RIVER (BUCK CREEK TO DONNELS	Aldrin	1994	6	4	2				
	Dieldrin	1994	6	3	3				
	Endrin	1994	6	6					
	Heptachlor	1994	6	6					
	Heptachlor Epoxide	1994	6	5	1				
	Mirex	1994	6	6					
	Total PCB	1994	6	3			3		
OH58 15 - BUCK CREEK (BEAVER CREEK TO MAD	Aldrin	1994	4	4					
	Dieldrin	1994	4	1	3				
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
	Total PCB	1994	4	0	2		2		
OH58 18 - BUCK CREEK (EAST FORK BUCK CREEK	Aldrin	1994	2	2					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH58 21 - MAD RIVER (CHAPMAN CREEK TO BUCK	Dieldrin	1994	2	0	2				
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	1		1			
OH58 25 - CHAPMAN CREEK	Aldrin	1994	4	4					
	Dieldrin	1994	4	3	1				
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
	Mirex	1994	4	4					
OH58 29 - MAD RIVER (NETTLE CREEK TO	Total PCB	1994	4	2		1	1		
	Aldrin	1994	4	4					
	Dieldrin	1994	4	4					
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
OH58 43 - MAD RIVER (KINGS CREEK TO NETTLE	Mirex	1994	4	4					
	Total PCB	1994	4	1	2	1			
	Aldrin	1994	3	3					
	Dieldrin	1994	3	2	1				
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
OH68 8 - OTTAWA RIVER (HONEY RUN TO SUGAR	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	2		1			
	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
OH70 1 - AUGLAIZE RIVER (BLANCHARD R. TO L.	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	2	1				
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	1					
OH68 8 - OTTAWA RIVER (HONEY RUN TO SUGAR	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	0	1				
	Mirex	1993	1	1					
	Total PCB	1993	1	0			1		
OH70 1 - AUGLAIZE RIVER (BLANCHARD R. TO L.	Toxaphene	1993	1	1					
	Aldrin	1994	3	3					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH70 3 - AUGLAIZE RIVER (OTTAWA RIVER TO	Dieldrin	1994	3	0	3				
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	2	1				
	Mirex	1994	3	3					
	Total PCB	1994	3	0	3				
	Toxaphene	1994	3	3					
	Aldrin	1994	3	3					
	Dieldrin	1994	3	0	3				
	Endrin	1994	3	3					
OH70 5 - AUGLAIZE RIVER (JENNINGS CREEK TO	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	1	2				
	Mirex	1994	3	3					
	Total PCB	1994	3	0	3				
	Toxaphene	1994	3	3					
	Aldrin	1994	8	3	5				
	Dieldrin	1994	8	1	7				
	Endrin	1994	8	6	2				
	Heptachlor	1994	8	8					
	Heptachlor Epoxide	1994	8	1	7				
OH70 12 - AUGLAIZE RIVER (SIXMILE CREEK TO	Mirex	1994	8	8					
	Total PCB	1994	8	0	8				
	Toxaphene	1994	8	8					
	Aldrin	1994	7	5	2				
	Dieldrin	1994	7	1	6				
	Endrin	1994	7	7					
	Heptachlor	1994	7	7					
	Heptachlor Epoxide	1994	7	2	5				
	Mirex	1994	7	7					
	Total PCB	1994	7	0	7				
OH70 13 - AUGLAIZE RIVER (TWO MILE CREEK TO	Toxaphene	1994	7	7					
	Aldrin	1994	3	3					
	Dieldrin	1994	3	0	3				
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	1	2				
	Mirex	1994	3	3					
	Total PCB	1994	3	0	3				
	Toxaphene	1994	3	3					
	Aldrin	1994	3	3					
OH71 1 - AUGLAIZE RIVER (FLATROCK CREEK TO	Dieldrin	1994	3	0	3				
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	0	3				

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH71 19 - AUGLAIZE RIVER (L. AUGLAIZE R. TO	Mirex	1994	3	3					
	Total PCB	1994	3	0	3				
	Toxaphene	1994	3	3					
	Aldrin	1994	3	3					
	Dieldrin	1994	3	0	3				
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	2	1				
	Mirex	1994	3	3					
	Total PCB	1994	3	0	3				
OH74 17 - MAUMEE RIVER (SWAN CREEK TO LAKE	Toxaphene	1994	3	3					
	Hexachlorobenzene	1993	6	6					
	Aldrin	1993	6	5	1				
	Dieldrin	1993	6	0	6				
	Endrin	1993	6	6					
	Heptachlor	1993	6	6					
	Heptachlor Epoxide	1993	6	6					
	Mirex	1993	6	6					
	Total PCB	1993	6	0		2	1	1	2
	Toxaphene	1993	6	6					
OH75 1 - MAUMEE RIVER (WATERVILLE TO SWAN	Hexachlorobenzene	1993	3	3					
	Aldrin	1993	3	3					
	Dieldrin	1993	3	0	3				
	Endrin	1993	3	3					
	Heptachlor	1993	3	3					
	Heptachlor Epoxide	1993	3	3					
	Mirex	1993	3	3					
	Total PCB	1993	3	0		2		1	
	Toxaphene	1993	3	3					
OH75 2 - DUCK CREEK	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	0	1				
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					
	Total PCB	1993	1	0		1			
	Toxaphene	1993	1	1					
OH75 3 - SWAN CREEK (BLUE CREEK TO MAUMEE	Hexachlorobenzene	1993	3	3					
	Aldrin	1993	3	1	2				
	Dieldrin	1993	3	0	3				
	Endrin	1993	3	3					
	Heptachlor	1993	3	3					
	Heptachlor Epoxide	1993	3	2	1				

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH75 6 - BLUE CREEK	Mirex	1993	3	3					
	Total PCB	1993	3	0		1			2
	Toxaphene	1993	3	3					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	1					
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	0	1				
	Mirex	1993	1	1					
OH75 9 - SWAN CREEK (AI CREEK TO BLUE	Total PCB	1993	1	0	1				
	Toxaphene	1993	1	1					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	0	1				
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	0	1				
	Mirex	1993	1	1					
	Total PCB	1993	1	0				1	
OH75 14 - GRASSY CREEK	Toxaphene	1993	1	1					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	1					
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					
	Total PCB	1993	1	0		1			
	Toxaphene	1993	1	1					
OH75 16 - OTTAWA RIVER	Hexachlorobenzene	1993	2	2					
	Aldrin	1993	2	2					
	Dieldrin	1993	2	0	2				
	Endrin	1993	2	2					
	Heptachlor	1993	2	1					1
	Heptachlor Epoxide	1993	2	1	1				
	Mirex	1993	2	2					
	Total PCB	1993	2	0					2
	Toxaphene	1993	2	2					
	Hexachlorobenzene	1993	2	2					
OH75 18 - TENMILE CREEK	Aldrin	1993	2	2					
	Dieldrin	1993	2	0	2				
	Endrin	1993	2	2					
	Heptachlor	1993	2	2					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH75 19 - NORTH BRANCH TENMILE CREEK	Heptachlor Epoxide	1993	2	1	1				
	Mirex	1993	2	2					
	Total PCB	1993	2	1			1		
	Toxaphene	1993	2	2					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	1					
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
OH75 25 - SHANTEE CREEK	Mirex	1993	1	1					
	Total PCB	1993	1	0		1			
	Toxaphene	1993	1	1					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	0	1				
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					
OH75 26 - SILVER CREEK	Total PCB	1993	1	0			1		
	Toxaphene	1993	1	1					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	0	1				
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	0	1				
	Mirex	1993	1	1					
	Total PCB	1993	1	0			1		
OH76 11 - CRANE CREEK	Toxaphene	1993	1	1					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	1					
	Dieldrin	1993	1	1					
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					
	Total PCB	1993	1	0		1			
	Toxaphene	1993	1	1					
OH76 18 - CEDAR CREEK	Hexachlorobenzene	1993	2	2					
	Aldrin	1993	2	2					
	Dieldrin	1993	2	1	1				
	Endrin	1993	2	2					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH76 19 - DRY CREEK	Heptachlor	1993	2	2					
	Heptachlor Epoxide	1993	2	2					
	Mirex	1993	2	2					
	Total PCB	1993	2	0		2			
	Toxaphene	1993	2	2					
	Hexachlorobenzene	1993	1	1					
	Aldrin	1993	1	1					
	Dieldrin	1993	1	0	1				
	Endrin	1993	1	1					
	Heptachlor	1993	1	1					
	Heptachlor Epoxide	1993	1	1					
	Mirex	1993	1	1					
	Total PCB	1993	1	0		1			
	Toxaphene	1993	1	1					
	Aldrin	1994	23	21	2				
OH78 3 - PORTAGE RIVER (SUGAR CREEK TO	Dieldrin	1994	23	20	3				
	Endrin	1994	23	21	2				
	Heptachlor	1994	23	23					
	Heptachlor Epoxide	1994	23	22	1				
	Mirex	1994	23	23					
	Total PCB	1994	23	7	2	9	5		
	Toxaphene	1994	2	2					
	Aldrin	1994	2	2					
	Dieldrin	1994	2	0	2				
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	2					
	Aldrin	1994	1	1					
OH80 9 - SANDUSKY RIVER (BROKEN SWORD	Dieldrin	1994	1	0	1				
	Endrin	1994	1	1					
	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	0		1			
	Aldrin	1994	1	1					
	Dieldrin	1994	1	1					
	Endrin	1994	1	1					
	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	0		1			
	Aldrin	1994	1	1					
	Dieldrin	1994	1	1					
OH80 17 - SANDUSKY RIVER (UNNAMED TRIB. TO	Endrin	1994	1	1					
	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	0		1			
	Aldrin	1994	1	1					
	Dieldrin	1994	1	1					
	Endrin	1994	1	1					
	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	0		1			
	Aldrin	1994	1	1					
	Dieldrin	1994	1	1					
	Endrin	1994	1	1					
OH80 20 - SANDUSKY RIVER (HEADWATERS TO	Heptachlor	1994	1	1					
	Heptachlor Epoxide	1994	1	1					
	Mirex	1994	1	1					
	Total PCB	1994	1	0		1			
	Aldrin	1994	21	21					
	Dieldrin	1994	21	21					
	Endrin	1994	21	21					
	Heptachlor	1994	21	21					
	Heptachlor Epoxide	1994	21	21					
	Mirex	1994	21	21					
	Total PCB	1994	21	21					
	Aldrin	1994	21	21					
	Dieldrin	1994	21	21					
	Endrin	1994	21	21					
	Heptachlor	1994	21	21					
OH81 1 - SANDUSKY RIVER (BELLS RUN TO WOLF	Heptachlor Epoxide	1994	21	21					
	Mirex	1994	21	21					
	Total PCB	1994	21	21					
	Aldrin	1994	21	21					
	Dieldrin	1994	21	21					
	Endrin	1994	21	21					
	Heptachlor	1994	21	21					
	Heptachlor Epoxide	1994	21	21					
	Mirex	1994	21	21					
	Total PCB	1994	21	21					
	Aldrin	1994	21	21					
	Dieldrin	1994	21	21					
	Endrin	1994	21	21					
	Heptachlor	1994	21	21					
	Heptachlor Epoxide	1994	21	21					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH81 23 - SANDUSKY RIVER (SYCAMORE CREEK	Dieldrin	1994	21	11	10				
	Endrin	1994	21	21					
	Heptachlor	1994	21	21					
	Heptachlor Epoxide	1994	21	21					
	Mirex	1994	21	21					
	Total PCB	1994	21	9		11	1		
	Aldrin	1994	6	6					
	Dieldrin	1994	6	3	3				
	Endrin	1994	6	6					
	Heptachlor	1994	6	6					
OH82 1 - SANDUSKY RIVER (WOLF CREEK TO	Heptachlor Epoxide	1994	6	6					
	Mirex	1994	6	6					
	Total PCB	1994	6	5		1			
	Aldrin	1994	12	12					
	Dieldrin	1994	12	6	6				
	Endrin	1994	12	12					
	Heptachlor	1994	12	12					
	Heptachlor Epoxide	1994	12	12					
	Mirex	1994	12	12					
	Total PCB	1994	12	6		2	4		
OH82 21 - MUDDY CREEK (GRIES DITCH TO	Aldrin	1994	2	2					
	Dieldrin	1994	2	2					
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	0		2			
	Aldrin	1994	7	7					
	Dieldrin	1994	7	5	2				
	Endrin	1994	7	7					
OH84 1 - HURON RIVER	Heptachlor	1994	7	7					
	Heptachlor Epoxide	1994	7	7					
	Mirex	1994	7	7					
	Total PCB	1994	7	1		6			
	Aldrin	1994	6	6					
	Dieldrin	1994	6	5	1				
	Endrin	1994	6	6					
	Heptachlor	1994	6	6					
	Heptachlor Epoxide	1994	6	6					
	Mirex	1994	6	6					
OH84 8 - WEST BRANCH HURON R. (SLATE RUN	Total PCB	1994	6	6					
	Aldrin	1994	15	15					
	Dieldrin	1994	15	15					
	Endrin	1994	15	15					
	Heptachlor	1994	15	15					
	Heptachlor Epoxide	1994	15	15					
	Mirex	1994	15	15					
	Total PCB	1994	6	6					
	Aldrin	1994	15	15					
	Dieldrin	1994	15	15					
OH84 24 - LAKE ERIE DIRECT TRIBS. (PIPE CR. TO	Endrin	1994	15	15					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH85 7 - VERMILION RIVER (EAST FORK TO LAKE	Heptachlor	1994	15	15					
	Heptachlor Epoxide	1994	15	15					
	Mirex	1994	15	15					
	Total PCB	1994	15	5		8	2		
	Aldrin	1994	12	12					
	Dieldrin	1994	12	11	1				
	Endrin	1994	12	12					
	Heptachlor	1994	12	12					
	Heptachlor Epoxide	1994	12	12					
	Mirex	1994	12	12					
OH85 9 - VERMILION RIVER (EAST BRANCH TO	Total PCB	1994	12	8		2	2		
	Aldrin	1994	3	3					
	Dieldrin	1994	3	3					
	Endrin	1994	3	3					
	Heptachlor	1994	3	3					
	Heptachlor Epoxide	1994	3	3					
	Mirex	1994	3	3					
	Total PCB	1994	3	3					
	Aldrin	1994	17	17					
	Dieldrin	1994	17	16	1				
OH86 2 - BLACK RIVER	Endrin	1994	17	17					
	Heptachlor	1994	17	17					
	Heptachlor Epoxide	1994	17	17					
	Mirex	1994	17	17					
	Total PCB	1994	17	3		7	6	1	
	Aldrin	1994	4	4					
	Dieldrin	1994	4	2	2				
	Endrin	1994	4	4					
	Heptachlor	1994	4	4					
	Heptachlor Epoxide	1994	4	4					
OH90 5 - CHAGRIN RIVER (EAST BRANCH TO	Mirex	1994	4	4					
	Total PCB	1994	4	1	1	1	1		
	Hexachlorobenzene	1994	8	8					
	Aldrin	1994	8	8					
	Chlordane	1994	8	8					
	Dieldrin	1994	8	7	1				
	Endrin	1994	8	8					
	Heptachlor	1994	8	8					
	Heptachlor Epoxide	1994	8	6	2				
	Total PCB	1994	8	5		2	1		
OH92 1 - GRAND RIVER (PAINE CREEK TO LAKE	Toxaphene	1994	8	8					
	Aldrin	1994	9	9					
	Dieldrin	1994	9	9					
	Endrin	1994	9	9					
	Aldrin	1994	9	9					
	Dieldrin	1994	9	9					
	Endrin	1994	9	9					
	Aldrin	1994	9	9					
	Dieldrin	1994	9	9					
	Endrin	1994	9	9					

Waterbody	Parameters	Year	Samples	Non-Detects	Elevation:				
					None	Slight	Moderate	High	Extreme
OH93 5 - ASHTABULA RIVER	Heptachlor	1994	9	9					
	Heptachlor Epoxide	1994	9	9					
	Mirex	1994	9	9					
	Total PCB	1994	9	9					
	Aldrin	1994	7	7					
	Dieldrin	1994	7	7					
	Endrin	1994	7	7					
	Heptachlor	1994	7	7					
	Heptachlor Epoxide	1994	7	7					
	Mirex	1994	7	7					
OH93 6 - FIELDS BROOK	Total PCB	1994	7	0		4	2	1	
	Aldrin	1994	2	1	1				
	Dieldrin	1994	2	1	1				
	Endrin	1994	2	2					
	Heptachlor	1994	2	2					
	Heptachlor Epoxide	1994	2	2					
	Mirex	1994	2	2					
	Total PCB	1994	2	0				1	1

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
UPPER MAHONING RIVER				
(18001) — Mahoning River				
OH 1 30	MAHONING R. AT ALLIANCE - WEBB RD.	85.5	94	Cr, Pb
LOWER MAHONING RIVER				
(18001) — Mahoning River				
OH 2 1	MAHONING R. UPST LOWELLVILLE - P AND LE RR	13.2	83	Cd, Cr, Cu, Pb, Ni,
OH 2 1	MAHONING R. UPST LOWELLVILLE - P AND LE RR	13.2	86	Cd, Cr, Cu, Pb, Zn
(18020) — Mill Creek				
OH 2 12	MILL CREEK AT WESTERN RESERVE RD.	11.3	94	Zn
(18001) — Mahoning River				
OH 2 20	MAHONING R. AT YOUNGSTOWN - MAHONING AVE.	20.7	83	Ar, Cd, Cr, Cu, Pb,,
OH 2 20	MAHONING R. AT YOUNGSTOWN - WEST AVE.	21.1	86	Cd, Cr, Cu, Pb, Ni,
OH 2 20	MAHONING R. AT YOUNGSTOWN - DIVISION ST.	23.4	94	Cd, Cr, Pb, Ni, Zn
OH 2 20	MAHONING R. DST LIBERTY ST. DAM	26.1	94	Cr, Cu, Pb, Ni, Zn
(18015) — Meander Creek				
OH 2 23	MEANDER CREEK NEAR NILES - MAIN ST.	0.7	83	Cr, Pb, Zn
OH 2 23	MEANDER CREEK NEAR NILES - MAIN ST.	0.7	88	Cd, Cr, Pb, Zn
OH 2 23	MEANDER CREEK AT GIBSON RD.	10.6	88	Cd, Pb
OH 2 23	MEANDER CREEK AT GIBSON RD.	10.6	88	Cd, Cr, Pb
OH 2 23	MEANDER CREEK DST MEANDER CREEK WWTP	1.8	94	Cr, Zn
(18030) — Mosquito Creek				
OH 2 27	MOSQUITO CREEK AT NILES - ROBBINS AVE.	0.5	83	Cd, Cr, Pb, Zn
OH 2 31	MOSQUITO CREEK AT GREENE CENTER - S.R. 87	24.4	88	Cd
OH 2 31	MOSQUITO CREEK AT GREENE CENTER - S.R. 87	24.4	88	Cd, Cr, Pb, Zn
(18001) — Mahoning River				
OH 2 35	MAHONING R. AT NILES - OLIVE ST.	29.0	86	Cd, Cr, Cu, Pb, Ni,
OH 2 35	MAHONING R. AT NILES - BELMONT AVE.	30.1	94	Cd, Cr, Cu, Pb, Ni,
OH 2 35	MAHONING R. AT NILES - W. PARK AVE.	33.1	94	Cd, Cr, Cu, Pb, Ni,
OH 2 35	MAHONING R. UPST WARREN WWTP	35.6	94	Cd, Cr, Cu, Pb, Ni,
OH 2 35	MAHONING R. AT WARREN - MAIN ST.	37.4	94	Cr, Pb, Ni, Zn
OH 2 35	MAHONING R. AT WARREN - PACKARD PARK	39.9	94	Cr, Ni, Zn
OH 2 35	MAHONING R. ADJ W.C.I. SLAG AREA	35.5	94	Ar, Cd, Cr, Cu, Pb,,
OH 2 35	MAHONING R. AT WARREN - PERKINS PARK	38.9	94	Cr, Pb, Ni, Zn
OH 2 35	MAHONING R. AT WARREN - BURBANK PARK	41.5	94	Cr, Ni
LITTLE BEAVER CREEK				
(08100) — North Fork Little Beaver Creek				
OH 4 3	N. FK. L. BEAVER CREEK AT ACHOR - TWP. RD. 1026	5.5	85	Zn
(08103) — Bull Creek				
OH 4 6	BULL CREEK AT NEGLEY - S.R. 170	0.6	85	Zn

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments. Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
(08104) — Leslie Run				
OH 4 7	LESLIE RUN W OF NEGLEY - AT MOUTH	0.0	85	Pb, Zn
(08200) — Middle Fork Little Beaver Creek				
OH 4 22	M. FK. L. BEAVER CREEK AT LISBON - U.S. RT. 30	10.9	85	Pb
(08205) — Stone Mill Run				
OH 4 23	STONE MILL RUN AT SALEM - AT HEADWATERS	4.7	90	Cd, Pb, Zn
(08308) — Trib. to W. Fk. L. Beaver Cr. (Chemlime)				
OH 4 34.1	CHEMLIME TRIB. UPST WILSONS POND	0.2	85	Ni, Zn
OH 4 34.1	CHEMLIME TRIB. NEAR LISBON - S.R. 518	0.0	85	Cd, Ni, Zn
CENTRAL TRIBS (YELLOW CREEK AND CROSS CREEK)				
(06200) — Cross Creek				
OH 5 1	CROSS CREEK NEAR MOUTH - NEAR MARINA	0.3	91	Cr, Zn
OH 5 1	CROSS CREEK AT MOUTH	0.0	91	Cr
CENTRAL TRIBS (MCMAHON, CAPTINA, SUNFISH CR.)				
(06049) — Wegee Creek				
OH 7 50	WEGEE CREEK NEAR SHADYSIDE - CO. RD. 48	0.5	87	Pb, Ni, Zn
UPPER TUSCARAWAS RIVER				
(17500) — Tuscarawas River				
OH10 1	TUSCARAWAS R. AT BOLIVAR - SHERMAN CHURCH AVE.	73.6	89	Cr, Pb, Zn
OH10 5	TUSCARAWAS R. AT MASSILLON - WARMINGTON ST.	87.3	89	Cr
OH10 26	TUSCARAWAS R. UPST BARBERTON WWTP - VAN BUREN RD	109.5	85	Ni
(17540) — Wolf Creek				
OH10 28	WOLF CREEK AT BARBERTON - NORTON AVE.	2.0	85	Zn
OH10 28	WOLF CREEK NEAR MOUTH - AT RR	0.1	85	Cd
(17541) — Hudson Run				
OH10 29	HUDSON RUN AT BARBERTON - AT MOUTH	0.0	89	Pb
NIMISHILLEN CREEK				
(17450) — Sandy Creek				
OH11 1	SANDY CREEK E. OF BOLIVAR - ADJ DEUBER RD.	4.2	89	Zn
(17460) — Nimishillen Creek				
OH11 5	NIMISHILLEN CREEK AT N. INDUSTRY - BAUM RD.	8.8	85	Zn
OH11 5	NIMISHILLEN CREEK UPST CANTON WWTP	10.1	85	Zn
OH11 5	NIMISHILLEN CREEK DST N. INDUSTRY - HOWENSTINE RD.	6.7	87	Zn
(17468) — Hurford Run				
OH11 6	HURFORD RUN DST ASHLAND OIL 001 - AT FOOTBRIDGE	1.7	86	Cr, Pb, Ni, Zn
OH11 6	HURFORD RUN AT CANTON - DST CONFL DOMER DITCH	1.7	85	Cr, Pb, Ni, Zn
OH11 6	HURFORD RUN AT CANTON - GAMBRINUS RD.	1.9	85	Cr, Zn
OH11 6	HURFORD RUN AT CANTON - GAMBRINUS RD.	1.9	86	Cr, Pb, Ni, Zn

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments. Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
(17464) — West Branch Nimishillen Creek				
OH11 8	W. BR. NIMISHILLEN CREEK AT CANTON - MARKET AVE.	0.0	87	Cr, Zn
OH11 8	W. BR. NIMISHILLEN CREEK AT CANTON - CLEVELAND AVE	0.0	85	Cr, Cu, Pb, Zn
OH11 8	W. BR. NIMISHILLEN CREEK AT CANTON - 15TH ST.	0.3	87	Cr, Pb, Zn
OH11 8	W. BR. NIMISHILLEN CREEK AT GREGORY GALVANIZING SEEP	0.1	87	Cr, Pb, Zn
(17462) — Middle Branch Nimishillen Creek				
OH11 10	M. BR. NIMISHILLEN CREEK AT CANTON - COOK PARK	0.0	85	Pb
(17463) — East Branch Nimishillen Creek				
OH11 11	E. BR. NIMISHILLEN CREEK AT CANTON - COOK PARK	0.1	85	Cr, Zn
OH11 11	E. BR. NIMISHILLEN CREEK E OF CANTON - BECK RD.	4.2	85	Cr
OH11 11	E. BR. NIMISHILLEN CREEK AT CANTON - BELDEN AVE.	0.3	85	Cr, Pb, Zn
OH11 11	E. BR. NIMISHILLEN CREEK AT CANTON - HARMONT AVE	1.8	93	Cr, Pb, Zn
(17470) — Still Fork				
OH11 21	STILL FORK SANDY CREEK S OF MINERVA - ARROW RD.	0.5	85	Zn
SUGAR CREEK				
(17400) — Sugar Creek				
OH13 1	SUGAR CREEK AT DOVER - AT MOUTH	0.1	88	Ar, Cd, Cr, Cu, Pb,,
(17402) — Broad Run				
OH13 3	BROAD RUN NEAR STRASBURG - AT MOUTH	0.0	89	Zn
LOWER TUSCARAWAS RIVER				
(17500) — Tuscarawas River				
OH15 1	TUSCARAWAS R. AT COSHOCTON - DST WATER PLANT	0.3	88	Pb
OH15 1	TUSCARAWAS R. AT STONE CONTAINER MIXING ZONE	0.9	94	Cu
OH15 1	TUSCARAWAS R. UPST STONE CONTAINER	1.2	94	Cr
OH15 19	TUSCARAWAS R. AT GNADENHUTTEN - 50 YDS. DST ALSCO 001	38.8	88	Cr
OH15 31	TUSCARAWAS R. UPST DOVER - DOVER DAM	63.8	86	Cd, Cr, Zn
OH15 31	TUSCARAWAS R. JUST UPST DAM UPST DOVER WWTP	58.4	88	Ar, Cd, Cr, Cu, Pb,,
OH15 31	TUSCARAWAS R. UPST DOVER - DST ISLAND	60.4	88	Cd, Cr, Pb, Zn
OH15 31	TUSCARAWAS R. UPST DOVER - DOVER DAM	63.8	88	Cd, Cr, Pb, Ni, Zn
OH15 31	TUSCARAWAS R. UPST DOVER - UPST S.R. 416	61.9	89	Cr, Zn
OH15 31	TUSCARAWAS R. AT DOVER - DST RR/UPST DAM	58.5	88	Cd, Cr, Pb, Ni, Zn
OH15 31	TUSCARAWAS R. AT EMPIRE DETROIT STEEL OUTFALL	59.2	88	Cd, Cr, Pb, Ni, Zn
OH15 31	TUSCARAWAS R. AT GREER STEEL 001 OUTFALL	59.6	88	Cd, Cr, Pb, Ni, Zn
OH15 31	TUSCARAWAS R. UPST DOVER - UPST S.R. 416	61.9	88	Cr, Zn
OH15 31	TUSCARAWAS R. UPST DOVER - DST ISLAND	60.4	88	Cd, Cr, Pb, Zn
OH15 31	TUSCARAWAS R. UPST DOVER - DST ISLAND DST DOVER DAM	62.9	88	Cd, Cr, Zn
OH15 31	TUSCARAWAS R. AT DOVER - S.R. 800	58.7	90	Cd, Cr, Pb, Zn
OH15 32	TUSCARAWAS R. AT BOLIVAR - S.R. 212	71.7	89	Cd, Cr, Pb, Ni, Zn
BLACK FORK, CLEAR FORK, ROCKY FORK MOHICAN R.				

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
(17733) — Rocky Fork Mohican River				
OH16 19	ROCKY FK. MOHICAN R. AT APPLGATE RD.	0.5	93	Cr
OH16 19	ROCKY FK. MOHICAN R. AT MANSFIELD - ST. RT. 39	10.1	93	Cd, Cr, Cu, Pb, Zn
OH16 19	ROCKY FK. MOHICAN R. AT MANSFIELD - ORANGE RD.	13.3	93	Cr, Cu, Pb, Zn
OH16 19	ROCKY FK. MOHICAN R. AT MANSFIELD - LONGVIEW RD.	14.2	93	Cd, Cr, Cu, Pb, Ni,
OH16 19	ROCKY FK. MOHICAN R. AT E.D.S. 002 MIXING ZONE	14.4	93	Cr, Cu, Pb, Zn
(17730) — Black Fork Mohican River				
OH16 23	BLACK FORK MOHICAN R. AT ST. RT. 13	36.6	85	Cd
OH16 28	BLACK FORK MOHICAN R. AT PLYMOUTH-SPRING MILL RD.	49.5	85	Cd
OH16 28	BLACK FORK MOHICAN R. AT SHELBY - MAIN ST.	53.2	89	Cd, Cr, Pb, Zn
LAKE FORK, JEROME FORK, MUDDY FORK MOHICAN R.				
(17718) — Jerome Fork				
OH17 14	JEROME FORK E OF ASHLAND - S.R. 250	10.5	84	Cu, Pb, Zn
OH17 14	JEROME FORK NW OF JEROMESVILLE - TWP. RD. 1600	7.9	84	Zn
(17725) — Lang Creek				
OH17 21	LANG CREEK AT ASHLAND - 100 YDS. DST ASHLAND WWTP	0.2	84	Cu, Pb, Zn
(17743) — Trib. to Jamison Creek (Philway)				
OH17 22.1	TRIB. TO JAMISON CREEK AT U.S. RT. 42	0.2	84	Cd, Cr, Cu, Pb, Ni,
OH17 22.1	TRIB. TO JAMISON CREEK DST PHILWAY - 8TH/BUCKEYE ST.	1.1	84	Cd, Cr, Cu, Pb, Ni,
KILLBUCK CREEK				
(17150) — Killbuck Creek				
OH19 38	KILLBUCK CREEK UPST WOOSTER - OLD MANSFIELD RD.	51.6	93	Ar
UPPER MUSKINGUM RIVER AND WAKATOMIKA CREEK				
(17001) — Muskingum River				
OH20 1	MUSKINGUM R. AT STILLWELL RD.	97.1	94	Cr
OH20 22	MUSKINGUM R. AT CONESVILLE	103.5	94	Cr
(17600) — Walhonding River				
OH20 24	WALHONDING R. AT COSHOCTON - 0.2 MILES UPST MOUTH	0.2	94	Cr
WILLS CREEK				
(17800) — Wills Creek				
OH21 29	WILLS CREEK DST CAMBRIDGE WWTP	61.3	94	Pb
OH21 29	WILLS CREEK UPST CAMBRIDGE WWTP - ST. RT. 209	62.6	94	Cr, Pb, Zn
(17817) — Chapman Run				
OH21 44	CHAPMAN RUN NEAR MOUTH - TWP RD. 4371	0.8	94	Cd, Cr, Ni, Zn
OH21 44	CHAPMAN RUN AT ST. RT. 209	1.6	94	Pb
LICKING RIVER				
(17200) — Licking River				
OH22 5	DILLON RESERVOIR 200 FT. UPST DAM (WEST BANK)	6.3	88	Cr

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
MIDDLE MUSKINGUM RIVER				
(17001) — Muskingum River				
OH23 15	MUSKINGUM R. JUST UPST PHILO DAM	67.6	86	Cr, Zn
OH23 15	MUSKINGUM R. AT DUNCAN FALLS - JUST DST OLD FERRO	67.8	88	Cr, Zn
OH23 15	MUSKINGUM R. JUST UPST PHILO DAM	67.6	90	Pb, Zn
OH23 48	MUSKINGUM R. UPST ELLIS DAM	85.0	86	Cr
OH23 48	MUSKINGUM R. AT ZANESVILLE - DST ARMCO NEAR I-70	76.6	88	Cd, Cr, Zn
OH23 48	MUSKINGUM R. AT ZANESVILLE - JUST UPST DAM	76.3	86	Cr
OH23 48	MUSKINGUM R. AT ELLIS DAM - AT LOCK	84.9	90	Cr, Zn
LOWER MUSKINGUM RIVER				
(17001) — Muskingum River				
OH24 1	MUSKINGUM R. AT LOWELL DAM	14.1	90	Cr
OH24 17	MUSKINGUM R. AT BEVERLY DAM	24.8	88	Zn
OH24 92	MUSKINGUM R. AT STOCKPORT - 0.2 MI. DST DAM	39.4	86	Cr
OH24 92	MUSKINGUM R. AT STOCKPORT - 80 YDS. DST DAM	39.5	86	Ni
OH24 92	MUSKINGUM R. UPST LUKE CHUTE DAM	33.7	86	Cr, Zn
OH24106	MUSKINGUM R. AT GOULD 001 OUTFALL	51.8	88	Cd, Cu, Pb
OH24106	MUSKINGUM R. JUST UPST ROKEBY LOCK DAM	56.6	86	Zn
OH24106	MUSKINGUM R. AT GOULD 001 OUTFALL	51.8	86	Ar, Cr, Cu, Pb, Zn
OH24106	MUSKINGUM R. AT J.P. IND. 001 OUTFALL	51.7	88	Cd, Cr, Cu, Pb, Ni,
OH24106	MUSKINGUM R. AT J.P. IND. 001 OUTFALL	51.7	86	Cr, Pb, Zn
OH24106	MUSKINGUM R. AT T & N OUTFALL	51.7	92	Cd, Cu, Pb
UPPER HOCKING RIVER				
(01001) — Hocking River				
OH25 1	HOCKING R. DST SUGAR GROVE - ADJ BUCKEYE RD.	81.3	82	Cd
OH25 23	HOCKING R. UPST. LANCASTER WWTP - S. MAPLE ST.	89.4	82	Cd, Cr, Pb, Zn
OH25 23	HOCKING R. AT 1ST BRIDGE DST LANCASTER WWTP	88.5	82	Cd, Cr
OH25 23	HOCKING R. DST LANCASTER - HORNS MILL RD.	84.1	82	Cd, Cr
OH25 23	HOCKING R. AT LANCASTER - U.S. RT. 22	90.6	82	Cd, Pb
OH25 23	HOCKING R. DST LANCASTER - 1ST U.S. RT. 33 BRIDGE	87.3	82	Cd
OH25 23	HOCKING R. AT LANCASTER - UPST S. MAPLE ST.	89.4	92	Cd, Pb
OH25 23	HOCKING R. AT LANCASTER - UPST TARHE RUN	89.5	92	Cd
(01052) — Tarhe Run				
OH25 23.1	TARHE RUN AT LANCASTER - AT MOUTH	0.0	92	Cd
OH25 23.1	TARHE RUN AT LANCASTER - DST. U.S. RT. 33	0.3	92	Cd
(01048) — Hunters Run				
OH25 27	HUNTERS RUN AT LANCASTER - U.S. RT. 22	0.3	82	Pb
MIDDLE HOCKING RIVER				
(01001) — Hocking River				

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
OH26 47	HOCKING R. NEAR ENTERPRISE - CO. RD. 31	73.3	82	Cd, Cr, Zn
SE TRIBS (LOWER RACCOON CREEK)				
(09057) — Kyger Creek				
OH29 19	KYGER CREEK NEAR MOUTH - UPST ST. RT. 7	0.7	90	Ar, Cr
SE TRIBS (UPPER RACCOON CREEK)				
(09524) — Meadow Run				
OH30 16	MEADOW RUN UPST JENO'S PIZZA	3.1	90	Cd
OH30 16	MEADOW RUN DST WELLSTON NORTH WWTP	1.1	90	Pb, Zn
UPPER SCIOTO RIVER (AND LITTLE SCIOTO RIVER)				
(02158) — Little Scioto River				
OH34 1	L. SCIOTO R. AT MARION - HOLLAND RD.	6.6	88	Cd, Cr, Pb
OH34 1	L. SCIOTO R. AT MARION - S.R. 739	2.6	88	Cd, Cr, Pb, Zn
OH34 1	L. SCIOTO R. UPST ST. RT. 95	5.8	91	Cr
OH34 1	L. SCIOTO R. AT MARION - HOLLAND RD.	6.6	91	Cd, Cr, Pb
OH34 1	L. SCIOTO R. AT OWENS-GREENCAMP RD. (DEPTH 1-6)	0.3	92	Cr
OH34 1	L. SCIOTO R. (DEPTH 1-6)	2.6	92	Cr, Pb, Zn
OH34 1	L. SCIOTO R. (DEPTH 18-24)	2.6	92	Pb
OH34 1	L. SCIOTO R. (DEPTH 1-8)	4.4	92	Cd, Cr, Pb, Zn
OH34 1	L. SCIOTO R. (DEPTH 18-24)	4.4	93	Cd, Cr, Pb
OH34 1	L. SCIOTO R. (DEPTH 1-6)	5.8	92	Cr, Pb
OH34 1	L. SCIOTO R. (DEPTH 18-24)	5.8	92	Cd, Cr, Pb
OH34 1	L. SCIOTO R. (DEPTH 1-6)	6.5	92	Cr, Pb
OH34 1	L. SCIOTO R. (DEPTH 18-24)	6.5	92	Cr, Pb
(02236) — Rockswale Ditch				
OH34 1.1	ROCK SWALE DITCH AT HEADWATERS CULVERT - S.R. 95	2.2	87	Cd, Cr, Pb, Zn
OH34 1.1	ROCK SWALE DITCH W OF MARION - KEENER PIKE	1.0	87	Cd, Cr, Pb, Zn
OH34 1.1	ROCK SWALE DITCH AT END OF FARMERS LANE	1.5	87	Cr, Pb, Zn
OH34 1.1	ROCKSWALE DITCH AT MARION - DST RR/ST. RT. 95	2.1	93	Cr, Pb, Ni, Zn
OH34 1.1	ROCKSWALE DITCH (DEPTH 2-6)	1.0	93	Cr, Pb, Zn
OH34 1.1	ROCKSWALE DITCH (DEPTH (18-24)	1.0	93	Cr, Pb, Zn
(02235) — Columbia Ditch				
OH34 1.2	COLUMBIA DITCH S OF MARION - CAMPBELL RD.	0.9	93	Pb, Zn
(02237) — North Rockswale Ditch				
OH34 1.3	N. ROCKSWALE DITCH AT HOLLAND RD.	0.3	92	Pb
OH34 1.3	N. ROCKSWALE DITCH AT HOLLAND RD.	0.5	91	Pb
OH34 1.3	N. ROCKSWALE DITCH (DEPTH 1-6)	0.0	92	Cr, Pb, Zn
OH34 1.3	NORTH ROCKSWALE DITCH (DEPTH 12-18)	0.0	92	Cd, Cr, Pb, Zn
SCIOTO RIVER (MILL CR.,BOKES CR., FULTON CR.)				
(02109) — Mill Creek				

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
OH35 1	MILL CREEK NEAR WATKINS - HINTON MILL RD.	6.8	86	Cr
OH35 1	MILL CREEK AT MARYSVILLE - CHERRY ST.	18.1	86	Pb
OH35 1	MILL CREEK AT MARYSVILLE - JUST DST RAY LEWIS	18.3	86	Cu, Pb, Zn
OH35 1	MILL CREEK AT MARYSVILLE - ST. RT. 4	19.0	90	Pb, Zn
OH35 1	MILL CREEK AT MARYSVILLE - DST CONFL TOWN RUN	18.8	90	Cr, Cu, Pb, Zn
OH35 1	MILL CREEK AT MARYSVILLE - CHERRY ST.	18.1	90	Cr, Pb, Zn
(02132) — Phelps Run				
OH35 7	BMV TRIB. SE OF MARYSVILLE - OLD U.S. RT. 33	3.2	90	Cd, Cu
UPPER OLENTANGY RIVER				
(02400) — Olentangy River				
OH36 35	OLENTANGY R. AT SHEARER RD.	79.6	94	Cd
OH36 35	OLENTANGY R. AT MONNETT-NEW WINCHESTER RD.	85.1	94	Cd
OH36 35	OLENTANGY R. UPST GALION WWTP	86.1	94	Cd
LOWER OLENTANGY RIVER				
(02001) — Scioto River				
OH37 6	SCIOTO R. AT COLUMBUS - DST GREENLAWN AVE.	129.0	80	Pb, Zn
OH37 6	SCIOTO R. AT COLUMBUS - UPST BROAD ST.	131.8	80	Pb, Zn
OH37 6	SCIOTO R. AT COLUMBUS - 0.3 MI. UPST FRANK RD.	128.0	80	Pb, Zn
OH37 6	SCIOTO R. DST JACKSON PIKE WWTP	126.5	91	Cd, Cr, Pb, Zn
OH37 6	SCIOTO R. AT COLUMBUS - FRANK RD.	127.7	91	Cd, Pb, Zn
(02400) — Olentangy River				
OH37 9	OLENTANGY R. AT COLUMBUS - RR NEAR MOUTH	0.6	91	Cd, Cu, Pb, Zn
OH37 13	OLENTANGY R. AT STRATFORD - U.S. RT. 23	22.3	89	Pb
(02001) — Scioto River				
OH37 19	SCIOTO R. JUST DST DUBLIN RD. WTP	133.4	91	Pb, Zn
BIG WALNUT CREEK				
(02100) — Big Walnut Creek				
OH38 1	BIG WALNUT CREEK AT WILLIAMS RD.	15.3	91	Cd
(02110) — Alum Creek				
OH38 2	ALUM CREEK AT BEXLEY - BROAD ST.	7.6	86	Cd, Pb, Zn
(02100) — Big Walnut Creek				
OH38 18	BIG WALNUT CREEK AT FRIENDSHIP PARK	28.3	91	Zn
BIG DARBY CREEK				
(02200) — Big Darby Creek				
OH39 22	BIG DARBY CREEK DST RANCO	54.1	92	Pb
WALNUT CREEK				
(02001) — Scioto River				
OH40 23	SCIOTO DST COLUMBUS - ST. RT. 762	115.3	91	Cd, Cr, Pb, Zn

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
MIDDLE SCIOTO RIVER (INCLUDING DEER CREEK)				
(02001) — Scioto River				
OH41 1	SCIOTO R. AT CHILLICOTHE - 0.4 MI. DST BRIDGE ST.	70.5	80	Cd
OH41 33	SCIOTO R. UPST CONFL SCIPPO CREEK	89.6	92	Zn
OH41 33	SCIOTO R. AT CIRCLEVILLE - U.S. RT. 22	99.8	92	Zn
UPPER PAINT CREEK				
(02500) — Paint Creek				
OH42 35	PAINT CREEK 0.1 MI. DST WASHINGTON C.H. WWTP	69.3	89	Pb, Zn
OH42 35	PAINT CREEK UPST WASHINGTON C.H. WWTP - ELM ST.	69.5	89	Pb
LOWER PAINT CREEK (N. FK. AND ROCKY FK.)				
(02500) — Paint Creek				
OH43 1	PAINT CREEK AT CHILLICOTHE - ST. RT. 772	3.8	85	Cu
SALT CREEK				
(02600) — Salt Creek				
OH44 51	SALT CREEK S OF TARLTON - SPANGLER RD.	38.2	92	Cd
SCIOTO RIVER (SUNFISH CR., BEAVER CR.)				
(02800) — Sunfish Creek				
OH45 1	SUNFISH CREEK AT TENNYSON - S.R. 772	8.1	87	Cd
(02023) — Little Beaver Creek				
OH45 21	L. BEAVER CREEK AT FOG RD.	2.5	92	Cd
OH45 21	L. BEAVER CREEK ADJ FOG RD.	2.5	92	Cd
OH45 21	L. BEAVER CREEK JUST DST X-230-J7 OUTFALL	3.1	92	Cr
(02001) — Scioto River				
OH45 29	SCIOTO R. DST CONFL BIG BEAVER CREEK	28.3	92	Cr
LOWER SCIOTO RIVER (AND SCIOTO BRUSH CREEK)				
(02710) — South Fork Scioto Brush Creek				
OH46 23	S. FK. SCIOTO BRUSH CREEK W OF OTWAY	0.6	87	Cd
UPPER LITTLE MIAMI RIVER				
(11036) — Little Beaver Creek				
OH50 9	LITTLE BEAVER CREEK	3.4	92	Cd
OH50 9	LITTLE BEAVER CREEK	3.5	92	Cd, Cr
(11037) — Ludlow Creek				
OH50 11	LUDLOW CREEK SE OF FAIRBORN - DST QUARRY	5.2	91	Pb
LOWER LITTLE MIAMI RIVER				
(11021) — Turtle Creek				
OH54 24	TURTLE CREEK 150 FT. DST CINCINNATI MILACRON 001	0.5	89	Pb
GREAT MIAMI RIVER AND LORAMIE CREEK				

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
(14001) — Great Miami River				
OH56 12	GREAT MIAMI R. ADJ. CO. RD. 25A	113.6	94	Cr, Pb, Zn
MAD RIVER				
(14100) — Mad River				
OH58 11	MAD R. DST SPRINGFIELD WWTP	24.5	94	Cr, Pb, Zn
OH58 11	MAD R. UPST SPRINGFIELD WWTP	25.6	94	Pb
(14110) — Buck Creek				
OH58 15	BUCK CREEK AT SPRINGFIELD - ADJ SNYDER PARK	0.6	94	Pb, Zn
OH58 18	BUCK CREEK AT SPRINGFIELD - ADJ OLD REID PARK	6.5	94	Zn
(14117) — Moore Run				
OH58 24	MOORE RUN AT TREMONT CITY RD.	2.4	94	Cd, Cr, Pb, Zn
(14100) — Mad River				
OH58 43	MAD R. DST URBANA WWTP	39.0	94	Pb
OH58 43	MAD R. UPST URBANA WWTP, DST DUGAN RUN	39.1	94	Pb, Zn
MIDDLE GREAT MIAMI RIVER				
(14089) — Owl Creek				
OH60 33.1	OWL CREEK AT WEST CARROLLTON - AT MOUTH	0.1	90	Cr, Pb
FOURMILE CREEK				
(14410) — Sevenmile Creek				
OH61 19	SEVENMILE CREEK AT EATON - AT WATERWORKS PARK	27.0	91	Cd
LOWER GREAT MIAMI RIVER AND WHITEWATER RIVER				
(23001) — Mill Creek				
OH62 23	MILL CREEK AT CARTHAGE - NORTH BEND RD.	8.9	92	Pb
OH62 23	MILL CREEK AT ELMWOOD PLACE - CENTER HILL RD.	7.8	92	Pb
OH62 23	MILL CREEK AT CINCINNATI - DST GEST ST.	0.2	92	Pb
OH62 23	MILL CREEK AT CINCINNATI - UPST HOPPLE ST.	2.9	92	Cr, Pb, Zn
OH62 23	MILL CREEK AT CINCINNATI - SALWAY PARK	4.9	92	Cd, Cr, Cu, Pb, Zn
(23004) — West Fork Mill Creek (Mill Cr. RM 11.57)				
OH62 26	W. FK. MILL CREEK AT WOODLAWN - RIDDLE RD.	4.4	92	Pb
OH62 26	W. FK. MILL CREEK AT LOCKLAND - GARDNER PARK	2.0	92	Pb
OH62 26	W. FK. MILL CREEK AT ARLINGTON HTS. - DEXTER AVE	0.1	92	Pb, Zn
WABASH RIVER				
(22001) — Wabash River				
OH63 19	WABASH R. AT FORT RECOVERY - S.R. 49	482.1	85	Cr
(22012) — Trib. to Wabash River (RM 482.28)				
OH63 19.1	TRIB. TO WABASH R. AT FORT RECOVERY - ST. LOUIS RR	0.0	85	Cr, Cu, Ni, Zn
ST. MARYS RIVER				

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
(04500) — St. Marys River				
OH64 18	ST. MARYS R. UPST ST. MARYS WWTP	98.7	91	Pb
ST. JOSEPH RIVER (INCLUDING GORDON CREEK)				
(04) —				
OH65 1.01	DITCH TO OIL DITCH DST COOPER TIRE 001 OUTFALL	0.5	83	Cd, Cr, Cu, Pb, Zn
(04400) — St. Joseph River				
OH65 21	ST. JOSEPH R. AT EDGERTON - DST EDGERTON METALS	50.8	92	Zn
(04418) — John Lattaner Ditch				
OH65 38	JOHN LATTANER DITCH AT CHASE BRASS & COPPER OUTF	2.7	85	Cd, Cu, Pb, Zn
BLANCHARD RIVER				
(04160) — Blanchard River				
OH66 3	BLANCHARD R. AT FINDLAY - JUST UPST DAM UPST WWTP	57.4	89	Pb, Zn
OH66 3	BLANCHARD R. AT ST. RT. 235	46.5	91	Pb
OH66 3	BLANCHARD R. W OF FINDLAY - CO. RD. 139	53.7	91	Pb
OH66 3	BLANCHARD R. DST FINDLAY - CO. RD. 140	55.3	91	Cd, Pb
OH66 3	BLANCHARD R. DST FINDLAY WWTP - BROAD ST.	56.7	91	Pb
OH66 3	BLANCHARD R. AT FINDLAY - LIBERTY ST. DAM POOL	57.5	91	Pb
(04224) — Oil Ditch				
OH66 4	OIL DITCH W OF FINDLAY - TWP. RD. 89	0.0	87	Cd, Cr, Pb, Zn
OH66 4	OIL DITCH W OF FINDLAY - CO. RD. 140	0.8	87	Pb, Zn
OH66 4	OIL DITCH UPST CENTREX/DST TARBOX-MCCALL	2.7	83	Cd, Cr, Cu, Pb, Zn
OH66 4	OIL DITCH AT FINDLAY - UPST COOPER TIRE.	3.0	85	Cd, Cu, Zn
OH66 4	OIL DITCH W OF FINDLAY - STANFORD AVE.	1.7	87	Pb, Zn
OH66 4	OIL DITCH AT FINDLAY - DST CENTREX	2.4	83	Cd, Cu, Pb, Zn
OH66 4	OIL DITCH AT FINDLAY - DST CENTREX	2.4	87	Cd, Cu, Pb, Zn
LOWER AUGLAIZE RIVER				
(04160) — Blanchard River				
OH67 6	BLANCHARD R. JUST DST OTTAWA WWTP	22.0	89	Cd
(04168) — Riley Creek				
OH67 10	RILEY CREEK DST BLUFFTON WWTP	15.3	91	Cr, Pb, Zn
OH67 12	RILEY CREEK UPST BLUFFTON WWTP	15.5	91	Pb
OTTAWA RIVER				
(04203) — Sugar Creek				
OH68 4	SUGAR CREEK DST FORD MOTOR CO. TRIB. - BOOSE RD.	18.5	85	Cr
(04200) — Ottawa River				
OH68 11	OTTAWA R. AT ALLENTOWN - ST. RT. 81	28.8	86	Cr, Pb, Zn
OH68 11	OTTAWA R. DST LIMA - WESTFIELD DRIVE	34.5	86	Cu
OH68 11	OTTAWA R. DST LIMA - WESTFIELD DRIVE	34.8	91	Cr, Pb

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments. Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
OH68 11	OTTAWA R. AT ALLENTOWN - ST. RT. 81	28.8	91	Cr, Pb, Zn
OH68 17	OTTAWA R. DST B.P. CHEMICAL CO.	36.3	86	Pb, Zn
OH68 17	OTTAWA R. AT LIMA - UPST ADGATE RD.	37.0	86	Pb
OH68 17	OTTAWA R. UPST LIMA WWTP - COLLETT ST.	38.6	86	Pb
OH68 17	OTTAWA R. UPST B.P. REFINERY	37.1	86	Pb
OH68 17	OTTAWA R. UPST LIMA WWTP - ROAD DST DAM	37.9	89	Pb
OH68 17	OTTAWA R. DST B.P. CHEMICAL CO.	36.3	89	Cd, Cr, Pb, Zn
OH68 17	OTTAWA R. AT LIMA - UPST ADGATE RD.	37.0	89	Pb
OH68 17	OTTAWA R. UPST LIMA WWTP - COLLETT ST.	38.6	89	Pb
OH68 17	OTTAWA R. DST LIMA - SHAWNEE RD.	35.4	89	Cr, Pb, Zn
OH68 17	OTTAWA R. DST B.P. CHEMICAL	36.8	91	Cr, Cu, Pb, Zn
OH68 17	OTTAWA R. AT LIMA - UPST ADGATE RD.	37.0	91	Cr, Pb, Zn
OH68 17	OTTAWA R. 0.1 MI. DST LIMA WWTP	37.5	91	Cr, Pb, Zn
OH68 17	OTTAWA R. UPST LIMA WWTP - ROAD DST DAM	37.9	91	Cd, Cr, Cu, Pb, Zn
UPPER AUGLAIZE RIVER				
(04128) — Sixmile Creek				
OH70 14	SIXMILE CREEK NE OF SPENCERVILLE- DEFIANCE TRAIL	0.1	85	Cr
OH70 14	SIXMILE CREEK AT N EDGE OF SPENCERVILLE- S.R. 66	3.9	87	Cr, Cu, Pb, Ni, Zn
OH70 14	SIXMILE CREEK DST SPENCERVILLE WWTP TRIB.	3.5	85	Cr, Cu, Ni, Zn
OH70 14	SIXMILE CREEK UPST FARM SERVICES - LIGHT DUTY RD	3.8	85	Cr, Cu, Ni, Zn
OH70 14	SIXMILE CREEK AT SPENCERVILLE - BAILEY RD	4.2	85	Pb
OH70 14	SIXMILE CREEK DST HAYES ALBION/OHIO DEC. OUTFALL	3.9	86	Cr, Cu, Ni, Zn
OH70 14	SIXMILE CREEK AT SPENCERVILLE - ST. RT. 66	3.9	91	Cr, Ni
OH70 14	SIXMILE CREEK DST SPENCERVILLE - ST. RT. 81	1.2	91	Cr
OH70 14	SIXMILE CREEK DST SPENCERVILLE - DEFIANCE TRAIL	0.1	91	Cr
OH70 14	SIXMILE CREEK DST CONFL SPENCERVILLE WWTP TRIB.	3.5	91	Cr
TIFFIN RIVER				
(04600) — Tiffin River				
OH72 1	TIFFIN R. AT EVANSPOUR RD.	7.0	92	Cr
OH72 1	TIFFIN R. UPST DEFIANCE - DEY RD.	0.8	92	Cr
(04633) — Prairie Creek				
OH72 11	PRAIRIE CREEK DST BRYAN WWTP - ADJ T.R. 183	9.8	85	Cd, Cr, Cu, Zn
OH72 11	PRAIRIE CREEK DST BRYAN WWTP - CO. RD. 456	10.6	84	Cr
OH72 11	PRAIRIE CREEK E OF BRYAN - TWP. RD. 192	9.0	84	Cd, Cr
OH72 11	PRAIRIE CREEK DST BRYAN - SCOTT RD.	4.9	85	Cu
(04600) — Tiffin River				
OH72 16	TIFFIN R. S OF STRYKER - CO. RD. C	26.1	92	Cr
LOWER MIDDLE MAUMEE RIVER				
(04001) — Maumee River				

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
OH74 17	MAUMEE R. AT TOLEDO - DST TOLEDO WWTP	1.0	86	Cr, Zn
OH74 17	MAUMEE R. AT TOLEDO - CHERRY ST.	4.8	86	Pb
LOWER MAUMEE RIVER (AND OTTAWA RIVER)				
(04001) — Maumee River				
OH75 1	MAUMEE R. NEAR EAGLE POINT COLONY	9.4	86	Cr
(04002) — Duck Creek				
OH75 2	DUCK CREEK AT TOLEDO - YORK ST.	2.1	86	Pb
OH75 2	DUCK CREEK AT TOLEDO - YORK ST.	2.1	92	Zn
OH75 2	DUCK CREEK NEAR MOUTH - ADJ OBERLIN DR.	0.4	92	Cr, Pb, Zn
(04003) — Swan Creek				
OH75 3	SWAN CREEK AT TOLEDO - COLLINWOOD BLVD.	1.2	86	Pb, Zn
OH75 3	SWAN CREEK AT TOLEDO - HAWLEY ST.	2.6	92	Pb
OH75 3	SWAN CREEK AT TOLEDO - ST. CLAIR ST.	0.4	92	Pb, Zn
OH75 3	SWAN CREEK AT TOLEDO - WESTERN AVE.	3.4	92	Cr, Pb
(04300) — Ottawa River				
OH75 16	OTTAWA R. AT TOLEDO - LAGRANGE ST.	6.4	86	Cd, Cr, Zn
OH75 16	OTTAWA R. AT TOLEDO - STICKNEY AVE.	4.9	86	Pb
OH75 16	OTTAWA R. AT TOLEDO - NEAR ALT. RT. 24	1.0	90	Cd, Cr, Pb
OH75 16	OTTAWA R. AT TOLEDO - DST. SUDER AVE.	3.0	90	Cd, Pb
OH75 16	OTTAWA R. AT TOLEDO - UPST STICKNEY AVE.	5.0	90	Cd, Pb
OH75 16	OTTAWA R. AT TOLEDO - UPST DETROIT AVE.	7.1	90	Pb
(04068) — Shantee Creek				
OH75 25	SHANTEE CREEK AT TOLEDO - STICKNEY AVE.	3.6	92	Zn
(04069) — Silver Creek				
OH75 26	SILVER CREEK AT TOLEDO - BENORE RD.	1.7	92	Cd, Pb, Zn
OH75 26	SILVER CREEK AT TOLEDO - LEWIS AVE.	4.4	92	Cd
LAKE ERIE TRIBS MAUMEE R. TO PORTAGE R.				
(16221) — Driftmeyer Ditch				
OH76 21.1	DRIFTMEYER DITCH E OF TOLEDO - BAY SHORE RD.	0.8	92	Ar
(16200) — Otter Creek				
OH76 24	OTTER CREEK E OF TOLEDO - MILLARD RD.	2.1	86	Cr, Pb
OH76 24	OTTER CREEK AT TOLEDO - WHEELING ST.	4.0	86	Cr, Pb
UPPER PORTAGE RIVER				
(16103) — Rocky Ford				
OH77 4	ROCKY FORD UPST N. BALTIMORE WWTP- E BROADWAY ST	9.8	85	Cd, Cr, Cu, Pb, Ni,
OH77 4	ROCKY FORD CREEK AT EAGLEVILLE RD.	9.8	94	Zn
(16105) — East Branch Portage River				
OH77 8	E. BR. PORTAGE R. 0.2 MI. UPST FOSTORIA WWTP	10.4	89	Pb

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
OH77 8	E. BR. PORTAGE R. NW OF FOSTORIA - EAGLEVILLE RD	6.1	89	Cd, Cr, Cu, Pb, Zn
OH77 8	E. BR. PORTAGE R. AT PELTON RD.	9.0	94	Cr, Cu, Zn
OH77 8	E. BR. PORTAGE R. UPST FOSTORIA WWTP	10.4	94	Cu, Pb
(16108) — Poe Ditch				
OH77 10.1	POE DITCH UPST BOWLING GREEN WWTP - AT GOLF COURSE	3.0	94	Cd, Cr, Pb, Zn
LOWER PORTAGE RIVER				
(16001) — Portage River				
OH78 3	PORTAGE R. DST CONFL BRUSH CREEK	16.5	94	Cr, Cu
UPPER SANDUSKY RIVER				
(05055) — Trib. to Paramour Creek (Crestline WWTP)				
OH80 23	CRESTLINE WWTP TRIB. NEAR MOUTH - OLDFIELD RD.	0.1	85	Pb, Zn
(05056) — Trib. to Paramour Creek (Crestline)				
OH80 24	CRESTLINE TRIB. AT OLDFIELD RD.	1.1	85	Cd, Cu, Pb, Zn
LAKE ERIE TRIBS SANDUSKY R. TO VERMILION R.				
(05051) — Mills Creek				
OH83 3	MILLS CREEK NEAR SANDUSKY - AT GOLF COURSE	1.0	85	Pb
(05045) — Raccoon Creek				
OH83 11	RACCOON CREEK N OF CLYDE - S.R. 412	6.5	83	Cd
OH83 11	RACCOON CREEK JUST UPST CLYDE WWTP	11.0	83	Cr, Pb, Zn
OH83 11	RACCOON CREEK N OF CLYDE - TWP. RD. 223	10.1	83	Pb, Zn
OH83 11	RACCOON CREEK N OF CLYDE - TWP. RD. 223	10.1	86	Pb, Zn
OH83 11	RACCOON CREEK NW OF VICKERY - U.S. RT. 6	3.0	83	Cd
OH83 11	RACCOON CREEK UPST CLYDE - LIMERICK RD.	13.2	83	Cd
OH83 11	RACCOON CREEK AT CLYDE - UPST CLYDE WWTP	11.0	83	Cd, Cr, Pb, Ni, Zn
OH83 11	RACCOON CREEK AT CLYDE - U.S. RT. 20	11.3	83	Cr, Pb, Zn
OH83 11	RACCOON CREEK AT CLYDE - U.S. RT. 20	11.3	83	Pb, Zn
HURON RIVER				
(24500) — Lake Erie - Lorain County				
OH85 1	LAKE ERIE W. OF MOUTH OF BLACK R. - WEST OF BREAKWALL***.*		92	Cd, Cr
BLACK RIVER				
(20001) — Black River				
OH86 2	BLACK R. AT LORAIN - 0.1 MI DST U.S. STEEL 002	3.4	82	Cd, Cr, Ni, Zn
OH86 2	BLACK R. DST 21ST ST/UPST N&W RR BRIDGE	1.3	82	Cd, Cr, Pb, Zn
OH86 2	BLACK R. UPST U.S. STEEL 002 - DST ISLAND	3.7	82	Cd, Cr, Zn
OH86 2	BLACK R. DST U.S. STEEL 005 OUTFALL	3.9	82	Cd, Zn
OH86 2	BLACK R. AT ELYRIA - CASCADE PARK	14.9	92	Cd, Pb
(20002) — French Creek				
OH86 3	FRENCH CREEK NEAR MOUTH	0.2	82	Cd

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
OH86 3	FRENCH CREEK NE OF LORAIN - ABBE RD. (20010) — East Branch Black River	3.2	92	Cd, Cr, Zn
OH86 4	E. BR. BLACK R. AT ELYRIA - WASHINGTON ST. ROCKY RIVER (13001) — Rocky River	0.3	92	Cd
OH87 2	ROCKY R. NR BEREA - CEDAR POINT RD. (13) —	12.0	92	Ar
OH87 27	COE LAKE AT BEREA UPPER CUYAHOGA RIVER (19030) — Little Cuyahoga River	0.0	92	Zn
OH88 1	L. CUYAHOGA R. AT AKRON - CUYAHOGA ST. (19001) — Cuyahoga River	2.1	87	Pb, Zn
OH88 5	CUYAHOGA R. AT AKRON - OHIO ED. DAM POOL	45.1	85	Cd, Cr, Pb, Zn
OH88 5	CUYAHOGA R. AT MUNROE FALLS DAM POOL	50.0	85	Cd, Cr, Pb, Zn
OH88 5	CUYAHOGA R. AT AKRON - CUYAHOGA ST.	42.6	85	Pb, Zn
OH88 5	CUYAHOGA R. AT AKRON - FRONT ST.	44.9	89	Cd, Pb, Zn
OH88 5	CUYAHOGA R. AT AKRON - FRONT ST.	44.9	89	Cd, Pb, Zn
OH88 5	CUYAHOGA R. AT AKRON - FRONT ST.	44.9	90	Cd, Cr, Pb, Zn
OH88 5	CUYAHOGA R. AT AKRON - FRONT ST.	44.9	90	Cd, Cr, Pb, Zn
OH88 5	CUYAHOGA R. AT AKRON - FRONT ST.	44.9	90	Cd, Cr, Pb
	LOWER CUYAHOGA RIVER (19001) — Cuyahoga River			
OH89 1	CUYAHOGA R. AT CLEVELAND - LOWER HARVARD AVE.	7.1	85	Cd, Cu, Pb, Zn
OH89 1	CUYAHOGA R. AT KINGSBURY RUN RR BRIDGE (EAST SIDE)	4.3	85	Cd, Cr, Pb, Zn
OH89 1	CUYAHOGA R. AT CLEVELAND - UPST SHIP CHANNEL	4.7	85	Cd, Cr, Cu, Pb, Zn
OH89 1	CUYAHOGA R. KINGSBURY RUN RR BRIDGE (MID-CHANNEL)	4.3	85	Cd, Cr, Pb, Zn
OH89 1	CUYAHOGA R. AT CLEVELAND - CENTER ST.	0.9	90	Cd, Pb, Zn
OH89 1	CUYAHOGA R. AT CLEVELAND - W. THIRD ST.	3.2	90	Cd, Cr, Pb
OH89 1	CUYAHOGA R. AT CLEVELAND - DST KINGSBURY RUN	4.1	90	Cd, Cr, Pb, Zn
OH89 1	CUYAHOGA R. AT CLEVELAND - CLARK AVE.	5.0	90	Cd, Pb, Zn
OH89 1	CUYAHOGA R. AT CLEVELAND - UPST CLARK AVE.	5.6	90	Cd, Pb, Zn
	(19002) — Kingsbury Run			
OH89 2	KINGSBURY RUN AT CLEVELAND - FOOTBRIDGE AT MOUTH (19001) — Cuyahoga River	0.0	85	Cd, Cu, Pb, Zn
OH89 6	CUYAHOGA R. UPST. S.R. 21/RR BRIDGE (19007) — Tinkers Creek	11.4	85	Cu, Zn
OH89 8	TINKERS CREEK JUST DST CONFL. DEERLICK RUN (19048) — Deer Lick Run	3.6	91	Cd, Cr, Zn

Appendix D. Waterbodies in Ohio with highly elevated or extremely elevated metals (toxic metals) in sediments.
Elevated categories derived with Ohio data using the method of Kelly and Hite (1984).

Waterbody ID #	Station Location	River Mile	Year	Parameters
OH89 8.2	E. BR. DEERLICK RUN DST HUKILL CO. - EGBERT RD.	0.1	85	Cu, Zn
OH89 8.2	E. BR. DEERLICK RUN JUST DST HUKILL CO.	0.7	88	Cd, Cr, Cu, Pb, Zn
OH89 8.2	SE BRANCH DEERLICK RUN AT WALTON RD.	0.0	85	Cd, Cr
(19007) — Tinkers Creek				
OH89 9	TINKERS CREEK AT CLARK RD.	28.3	91	Ar
(19) —				
OH89 11.1	S.E. TRIB. FROM PORTAGE LANDFILL UPST BEAVER DAM	0.1	87	Cu, Zn
LAKE ERIE TRIBS (CHAGRIN RIVER)				
(15001) — Chagrin River				
OH90 12	CHAGRIN R. AT CHAGRIN FALL - DST CLEVELAND ST.	29.8	91	Pb
LOWER GRAND RIVER				
(03120) — Mill Creek (Grand R. RM 41.28)				
OH92 23	MILL CREEK AT DOYLE RD.	10.0	85	Ni

Appendix E. Stream and river locations in Ohio with high rates (> 5%) of deformities, lesions, eroded fins, or tumors.
Data collected from 1990-1994.

RM	Year	DELT	Percent Tolerants	IBI	RM	Year	DELT	Percent Tolerants	IBI
UPPER MAHONING RIVER – [1]					30.6	94	10.70	33.8	27
[18001] - Mahoning River					35.0	94	10.76	42.4	22
47.5	94	9.66	48.0	25	35.2	94	6.47	12.1	37
45.5	94	11.09	43.9	26	35.4	94	11.47	31.4	25
[18040] - Eagle Creek					39.0	94	8.52	48.9	27
0.8	94	5.89	45.5	23	40.6	94	7.62	37.5	25
[18001] - Mahoning River					43.3	94	7.21	32.0	28
54.8	94	6.01	31.2	26	PYMATUNING CREEK – [3]				
57.8	94	5.12	37.4	26	[18504] - Little Yankee Creek				
70.3	94	7.37	18.4	27	0.4	94	10.09	28.4	24
85.5	94	5.52	23.2	28	[18550] - Pymatuning Creek				
89.4	94	9.06	66.5	23	2.2	94	5.26	21.2	33
LOWER MAHONING RIVER – [2]					15.7	94	16.97	73.1	23
[18001] - Mahoning River					UPPER TUSCARAWAS RIVER – [10]				
12.0	92	10.13	67.6	20	[17553] - River Styx				
12.0	94	14.99	45.9	21	0.1	93	13.60	76.3	17
13.6	94	11.22	66.4	18	[17500] - Tuscarawas River				
15.6	92	5.95	70.6	19	107.8	93	6.00	77.6	17
15.6	94	15.34	58.6	18	NIMISHILLEN CREEK – [11]				
16.3	94	11.11	71.1	18	[17464] - W BR NIMISHILLEN CRK				
19.2	94	26.93	78.0	17	0.5	90	5.62	98.3	18
19.4	94	21.35	49.2	20	[17450] - Sandy Creek				
[18020] - Mill Creek					28.2	93	15.67	74.8	23
7.7	94	5.36	93.1	16	STILLWATER CREEK – [14]				
11.0	94	7.25	58.2	17	[17350] - Stillwater Creek				
1.9	94	13.42	47.8	24	33.0	92	7.55	40.7	29
[18001] - Mahoning River					33.6	92	18.23	27.7	26
20.4	94	24.44	68.1	20	34.6	92	13.19	22.7	38
21.1	94	22.75	61.2	22	BLACK FORK, CLEAR FORK, ROCKY FORK				
23.0	94	20.28	59.3	19	MOHICAN R. – [16]				
25.1	94	14.13	43.2	23	[17733] - Rocky Fork Mohican R				
26.2	94	6.40	35.7	24	6.4	93	7.35	69.8	26
28.5	94	8.08	34.0	23	10.2	93	10.58	75.6	21
[18015] - Meander Creek					11.7	93	19.98	86.2	19
0.1	94	11.59	13.7	21	13.4	93	18.78	54.1	13
1.7	94	5.51	61.0	20	14.6	93	10.16	83.2	16
[18030] - Mosquito Creek					UPPER MUSKINGUM RIVER AND WAKATOMIKA				
3.0	90	7.36	55.3	20	CREEK – [20]				
5.6	90	6.71	42.9	19	[17001] - Muskingum River				
7.2	90	6.06	51.5	18	92.2	94	6.30	13.0	35
1.0	94	7.91	25.7	21	102.6	91	6.31	10.6	32
[18001] - Mahoning River					103.5	90	13.77	7.1	32
30.0	94	11.33	27.8	25					

Appendix E. Stream and river locations in Ohio with high rates (> 5%) of deformities, lesions, eroded fins, or tumors.
Data collected from 1990-1994.

RM	Year	DELT	Percent Tolerants	IBI	RM	Year	DELT	Percent Tolerants	IBI
103.5	91	5.22	4.4	33	118.2	90	5.73	17.0	32
104.0	90	6.03	4.4	32	118.3	90	7.93	22.0	33
104.8	94	5.44	2.9	36	118.4	90	12.61	26.9	24
WILLS CREEK – [21]					119.9	91	6.47	10.0	41
[17800] - Wills Creek					123.5	91	5.36	10.3	40
75.7	94	7.42	13.9	29	118.1	92	5.96	6.4	43
UPPER HOCKING RIVER – [25]					118.2	92	5.73	12.7	39
[01001] - HOCKING RIVER					118.4	92	18.96	16.6	32
77.2	90	5.79	32.1	34	118.1	93	8.32	6.6	49
87.1	90	5.06	68.6	25	118.2	93	16.06	12.5	36
89.4	90	7.90	79.0	24	119.9	93	5.88	7.7	47
90.8	90	5.30	65.1	28	118.1	94	6.15	8.0	47
92.2	90	5.37	55.5	27	126.4	90	7.23	21.7	23
MIDDLE HOCKING RIVER – [26]					126.4	91	5.92	12.1	38
[01001] - HOCKING RIVER					127.1	91	17.54	4.1	30
36.2	90	5.31	12.8	38	126.4	93	6.00	16.0	40
36.7	90	6.13	6.4	37	129.1	94	6.88	3.7	45
41.8	90	9.03	9.8	41	BIG DARBY CREEK – [39]				
67.5	90	14.73	20.3	39	[18100] - Beaver River (Pa.)				
LOWER HOCKING RIVER – [27]					15.8	94	15.91	36.5	26
[01001] - HOCKING RIVER					18.0	94	9.75	24.6	27
25.0	90	5.64	10.2	37	20.1	94	10.08	37.3	30
31.5	90	5.01	12.4	33	[02209] - Buck Run				
32.3	90	11.19	20.6	34	4.1	92	6.95	23.6	45
32.5	90	18.93	38.3	19	7.8	92	5.92	28.1	34
33.1	90	5.97	20.9	35	7.8	93	12.89	64.0	30
UPPER SCIOTO RIVER (AND LITTLE SCIOTO RIVER) – [34]					[02223] - Flat Branch				
[02158] - Little Scioto River					0.1	93	6.96	48.1	40
0.3	92	10.04	38.6	25	WALNUT CREEK – [40]				
2.7	92	10.99	70.8	19	[02001] - Scioto River				
4.4	92	22.37	82.7	19	102.0	93	6.49	3.2	51
5.7	92	14.51	68.1	20	105.2	93	6.16	2.9	43
6.5	92	9.98	85.1	19	107.4	90	6.39	16.5	35
SCIOTO RIVER (MILL CR., BOKES CR., FULTON CR.) – [35]					109.2	90	7.74	10.8	34
[02132] - BMY TRIB.					113.8	91	7.83	6.6	45
3.3	90	100.00	0.0	28	116.3	90	6.31	7.9	36
LOWER OLENTANGY RIVER – [37]					116.3	91	5.32	4.0	44
[02001] - SCIOTO RIVER					117.1	91	7.34	9.8	43
118.1	90	5.38	12.5	33	117.1	92	6.25	8.1	38
118.1	91	6.48	8.2	49	107.4	93	5.91	7.4	46
					109.2	93	8.60	4.1	45
					113.8	93	11.28	3.4	44
					116.3	93	13.00	7.3	45
					117.1	93	8.53	6.5	37

Appendix E. Stream and river locations in Ohio with high rates (> 5%) of deformities, lesions, eroded fins, or tumors.
Data collected from 1990-1994.

RM	Year	DELT	Percent Tolerants	IBI	RM	Year	DELT	Percent Tolerants	IBI
113.8	94	5.03	5.0	45	3.2	94	5.47	36.8	42
116.3	94	5.43	3.6	46	[14001] - Great Miami River				
MIDDLE SCIOTO RIVER (INCLUDING DEER CREEK) – [41]					153.1	94	5.51	29.2	41
[02001] - Scioto River					157.3	94	7.14	64.6	32
66.7	92	6.75	10.4	43	MAD RIVER – [58]				
68.1	92	9.37	27.6	23	[14170] - Trib. to Kings Creek				
70.4	92	6.21	8.3	44	0.4	94	6.31	54.9	34
80.6	92	5.28	11.1	33	[14137] - Gladys Creek				
84.5	92	6.12	10.7	36	0.5	94	13.37	71.0	24
85.4	92	7.05	21.8	29	LOWER GREAT MIAMI RIVER AND WHITEWATER RIVER – [62]				
91.3	92	6.46	12.4	39	[23001] - Mill Creek				
94.2	92	5.66	14.2	36	3.1	92	9.38	84.6	12
95.9	92	16.30	7.1	25	13.2	92	23.78	62.9	22
96.3	92	5.76	16.5	31	OTTAWA RIVER – [68]				
98.9	92	6.36	5.9	41	[04200] - Ottawa River				
99.2	92	6.14	9.6	30	28.9	91	17.18	87.1	17
99.4	92	6.07	12.0	40	34.7	91	43.78	85.5	15
99.6	92	6.72	5.2	27	36.7	91	19.31	92.4	21
99.7	92	5.90	3.0	37	37.0	91	12.04	81.5	21
LOWER PAINT CREEK (N. FK. AND ROCKY FK.) – [43]					37.4	91	12.16	90.7	20
[02500] - Paint Creek					37.7	91	9.06	91.3	22
2.5	92	5.34	15.2	22	LOWER MIDDLE MAUMEE RIVER – [74]				
SCIOTO RIVER (SUNFISH CR., BEAVER CR.) – [45]					[04001] - Maumee River				
[02001] - Scioto River					4.5	93	7.01	11.3	27
60.4	92	5.22	15.2	38	LOWER MAUMEE RIVER (AND OTTAWA RIVER) – [75]				
UPPER LITTLE MIAMI RIVER – [50]					[04001] - Maumee River				
[11001] - Little Miami River					7.5	93	8.98	16.4	26
53.5	93	9.29	11.0	33	[04002] - Duck Creek				
63.4	93	7.33	33.4	39	0.4	93	25.00	41.6	12
64.7	93	6.88	25.6	41	[04003] - Swan Creek				
EAST FORK LITTLE MIAMI RIVER – [53]					13.8	93	7.32	28.0	30
[11100] - East Fork Little Mia					[04300] - Ottawa River				
1.4	93	5.28	6.8	39	8.7	92	5.57	52.1	14
LOWER LITTLE MIAMI RIVER – [54]					5.2	90	6.25	35.4	16
[11001] - Little Miami River					6.2	92	12.75	71.5	18
32.1	93	6.12	13.0	37	[04068] - Shantee Creek				
UPPER GREAT MIAMI RIVER – [55]					0.8	93	67.05	100.0	14
[14072] - Stony Creek					2.1	93	16.67	100.0	12
4.3	94	5.47	36.8	40	3.1	93	12.68	100.0	12

Appendix E. Stream and river locations in Ohio with high rates (> 5%) of deformities, lesions, eroded fins, or tumors.
Data collected from 1990-1994.

RM	Year	DELT	Percent Tolerants	IBI	RM	Year	DELT	Percent Tolerants	IBI
[04069] - Silver Creek					2.4	93	5.13	8.6	37
1.2	93	12.34	73.6	22	BLACK RIVER – [86]				
LAKE ERIE TRIBS MAUMEE R. TO PORTAGE R. – [76]					[20001] - Black River				
					5.0	92	10.61	31.4	25
					5.3	92	7.03	23.3	30
[16215] - Toussaint Creek					0.1	92	7.22	13.9	29
13.9	93	17.06	67.0	26	0.3	92	6.49	13.7	32
18.9	93	5.93	66.3	26	0.9	92	5.49	8.2	36
[16212] - South Branch Turtle					3.7	92	6.74	25.2	28
1.4	93	8.01	95.5	12	4.8	92	9.64	24.1	28
[16203] - Dry Creek					5.2	92	10.61	31.4	25
4.8	93	10.31	92.4	18	5.5	92	7.03	23.3	31
[16221] - Driftmeyer Ditch					5.8	92	8.21	32.5	25
0.8	93	9.30	69.7	22	[20010] - East Branch Black Ri				
0.8	93	9.30	69.7	24	0.3	92	7.35	32.2	29
[16200] - Otter Creek					5.2	92	5.43	41.7	31
3.1	93	33.33	100.0	12	[20020] - West Branch Black Ri				
4.7	93	100.00	100.0	14	13.6	92	5.70	78.3	23
5.9	93	29.41	100.0	14	ROCKY RIVER – [87]				
2.1	93	33.90	60.0	22	[13001] - Rocky River				
0.5	93	7.42	15.3	15	0.1	92	5.41	18.9	27
2.1	93	33.90	60.0	19	1.0	92	5.49	28.8	29
LOWER PORTAGE RIVER – [78]					[13002] - Abram Creek				
[16001] - Portage River					0.4	92	5.29	97.7	16
5.9	94	12.08	41.4	23	LOWER CUYAHOGA RIVER – [89]				
12.3	94	15.44	21.3	37	[19001] - Cuyahoga River				
13.3	94	8.64	16.9	37	4.8	94	11.30	22.4	19
MIDDLE SANDUSKY RIVER – [81]					5.8	91	5.25	15.6	17
[05001] - SANDUSKY RIVER					7.0	94	12.00	47.1	19
56.7	90	9.46	29.5	36	7.4	91	5.29	16.9	20
VERMILION RIVER – [84]					8.9	91	6.58	36.0	19
[12001] - Huron River					10.3	91	5.72	31.2	18
1.6	93	33.33	44.4	13	LAKE ERIE TRIBS (CHAGRIN RIVER) – [90]				
2.2	93	33.33	0.0	22	[15001] - Chagrin River				
3.2	93	9.76	27.2	27	1.3	94	10.18	18.9	37
9.8	93	5.51	20.1	33	LOWER GRAND RIVER – [92]				
[12005] - Old Woman Creek					[03001] - Grand River				
0.2	93	31.82	42.9	26	4.6	93	5.19	2.6	37
0.7	93	6.20	27.0	23	ASHTABULA RIVER AND CONNEAUT CREEK – [93]				
0.7	93	57.87	71.8	22	[07100] - Conneaut Creek				
HURON RIVER – [85]					0.3	93	7.04	2.0	21
[21001] - Vermilion River									
1.8	93	10.21	8.9	35					

Appendix.F. Fish and primary contact advisories issued by state and local health departments for Ohio surface waters. (* = an advisory issued by a local health department. All other advisories listed were issued by the State of Ohio Department of Health. URM = Upper River Mile, LRM = Lower River Mile, Fish = Fish Advisory, Contact = Primary Contact Advisory, + = yes, - = no, PCBs = polychlorinated biphenyls, PAHs = polynuclear aromatic hydrocarbons.)

Waterbody (River Mile)	River Code	Location	Advisory Fish / Contact	Fish Species	Pollutant	Advisory Date
Lake Erie	25-001	All waters	+/-	Carp & Catfish	PCBs	01 Jan. 87
Ottawa River URM-19.0 LRM-0.0	04-300	I-475 N of Wildwood Preserve (Toledo) to Maumee Bay, Lake Erie	+/+	All	PCBs	17 Apr. 91
Hecklinger Pond*	04-002	All waters	+/-	All	PCBs	08 Nov. 89
Black River URM-6.2 LRM-0.0	20-001	31st Street Bridge (Lorain) to harbor	+/+	All	PAHs	08 Aug. 83
Ashtabula River URM-2.3 LRM-0.0	07-001	24th Street Bridge to mouth (includes harbor area within breakwater)	+/-	All	PCBs, hexachlorobenzene, tetrachloroethane, pentachlorobenzene	03 Feb 83
Lake Nesmith	17-998	Akron, All waters	+/-	Carp & Catfish	PCBs	Aug 87
Summit Lake	19-049	Akron, All waters	+/-	Carp & Catfish	PCBs	Aug 87
Portage Canal (Ohio Canal)	19-049	Akron, All waters	+/-	Carp & Catfish	PCBs	Aug 87
Mahoning River URM-39.04 LRM-9.8	18-001	Northwest Bridge Street (Warren) to Pennsylvania border	+/+	All	PAHs, phthalate esters and other chemicals in fish flesh	23 Jul 88
Middle Fork Little Beaver Creek URM-39.1 LRM-9.1	08-200	State Route Alt. 14 and Allen Road to State Route 11 south of Lisbon	+/+	All	Mirex, Chlordane	05 Oct 87
Wolf Creek* URM-3.2 LRM-0.0	14-037	Gettysburg Ave. (Dayton) to Great Miami River	+/+	All	PCBs	08 May 87
Great Miami River* URM-80.7 LRM-64.6	14-001	Lowhead dam at Monument Ave. (Dayton) to DP&L Tait	+/-	All	PCBs	08 May 88

Waterbody (River Mile)	River Code	Location	Advisory Fish / Contact	Fish Species	Pollutant	Advisory Date
Great Miami River URM-80.7 LRM-0.0	14-001	Lowhead dam at Monument Ave. (Dayton) to Ohio River	+/-	Carp, Catfish & Suckers	PCBs	19 Jan 87
Ford Hydraulic Canal URM-2.0 LRM-0.0	14-099	Power Plant spillway to Great Miami River	+/-	All	PCBs, organometallics	08 Aug 83
Scioto River URM-130.4 LRM-0.0	02-001	Greenlaw Dam (Columbus) to Ohio River (near Portsmouth)	+/-	Carp, Catfish	Chlordane, PCBs	25 Mar 92
Little Scioto River URM-6.6 LRM-2.7	02-158	Holland Road (Marion) south to State Route 739	+/-	All	PAHs	20 Mar 92
Scippo Creek URM-5.28 LRM-0.0	02-069	Kingston Pike to Scioto River	+/+	All	PCBs	09 Jan 89
Meadow Run* URM-1.7 LRM-0.0	09-524	Upstream and downstream from the Wellston WWTP	-/+	N/A	Dioxin	1990
Ohio River URM-34.0 LRM-341.0	90-001	Pennsylvania border near East Liverpool to Greenup Lock and Dam	+/-	Carp, Catfish	PCBs, Chlordane	24 Jan 92
Ohio River	90-001	Ohio River Cincinnati area (and Mill Creek confluence - RM 0.5)	+/-	White Bass, Carp, Catfish	PCBs, Chlordane	24 Jan 92
Mill Creek	23-001	Cincinnati	+/-	All	PCBs	19 Nov 93
Cuyahoga River URM 45.8 LRM 0.0	19-001	Ohio Edison Dam Pool (Front Street in Cuyahoga Falls) to Lake Erie	+/-	White sucker, Carp, Bullhead	PCBs, DDT	17 Mar 94
Tuscarawas River URM 112.8 LRM 55.0	17-500	Turkeyfoot Rd. (S.R. 619) in Barberton to South Broadway Street (S.R. 416) in New Philadelphia	+/-	Largemouth , Smallmouth, and Rock basses, Carp, Channel catfish, , Yellow bullhead,	PCBs, hexachlorobenzene	26 May 94

Appendix G-1. Ohio stream and river waterbodies with fecal coliform geometric means greater
than 200 colonies/100 ml. Data from 1993-94.

Year	Segment Length	Recreation Use	GM	90th %tile	N	Year	Segment Length	Recreation Use	GM	90th %tile	N
[OH11 11] - EAST BRANCH NIMISHILLEN CREEK						93	19.71	SC	764.1	3240	33
93	10.40	PC	725.9	1435	8	[OH35 18] - BOKES CREEK (HEADWATERS TO BRUSH RUN)					
[OH13 21] - NORTH FORK SUGAR CREEK						93	19.99	PC	709.6	2360	12
93	6.80	PC	8727.6	55500	8	[OH35 18.1] -					
[OH15 10] - TUSCARAWAS RIVER (DUNLOP CREEK TO EVANS CREEK)						93			403.6	1439	12
93	10.50	PC	82.6	70	5	[OH35 24] - SCIOTO RIVER (FULTON CREEK TO BOKES CREEK)					
[OH16 15] - CLEAR FORK MOHICAN R. (HEADWATERS TO CEDAR FORK)						93	3.56	PC	629.7	1290	5
93	15.40	PC	108.5	318	3	[OH36 35] - OLENTANGY RIVER (HEADWATERS TO MUD RUN)					
[OH16 19] - ROCKY FORK MOHICAN RIVER						94	30.54	PC	932.1	3990	12
93	19.60	PC	144.6	572	33	[OH38 2] - ALUM CREEK (COLUMBUS BOUNDARY TO BIG WALNUT CREEK)					
[OH16 20] - TOUBY RUN						93	19.90	PC	574.9	3160	13
93	5.30	PC	165.3	795	3	[OH38 21] - ROCKY FORK					
[OH18 22] - KOKOSING RIVER (N. BR. KOKOSING R. TO WOLF RUN)						93	13.00	PC	821.2	5310	74
93	8.30	PC	301.1	514	11	[OH38 21.1] - ROSE RUN					
[OH22 1] - LICKING RIVER (DILLON RES. TO MUSKINGUM RIVER)						93	3.40	PC	928.2	3460	7
93	6.20	PC	41.6	140	12	[OH39 2] - BIG DARBY CREEK (HELLBRANCH RUN TO LIZZARD RUN)					
[OH22 5] - LICKING RIVER (ROCKY FORK TO DILLON RESERVOIR)						93	12.77	SC	74.0	130	5
93	15.50	PC	252.4	621	6	[OH39 6] - HELLBRANCH RUN					
[OH22 16] - LICKING RIVER (NORTH/SOUTH FORKS TO ROCKY FORK)						93	11.18	PC	56.7	216	8
93	8.50	PC	450.8	1850	18	[OH39 8] - LITTLE DARBY CREEK (SPRING FORK TO BIG DARBY CR.)					
[OH22 23] - NORTH FORK (SYCAMORE CREEK TO S. FK. LICKING R.)						93	7.50	PC	215.5	476	9
93	20.30	PC	327.2	2800	23	[OH39 10] - LITTLE DARBY CREEK (TREACLE CREEK TO SPRING FORK)					
[OH22 37] - NORTH FORK LICKING R. (HEADWATERS TO SYCAMORE CR.)						93	13.80	PC	667.7	3960	34
93	18.50	PC	764.8	6491	10	[OH39 12] - TREACLE CREEK					
[OH22 45] - S. FK. LICKING R. (BUCKEYE LK OUTLET TO LICKING R)						93	14.20	PC	2869.6	6000	5
93	12.80	PC	631.2	4250	44	[OH39 15] - LITTLE DARBY CREEK (HEADWATERS TO TREACLE CREEK)					
[OH22 46] - RACCOON CREEK						93	13.70	PC	1019.6	4540	23
93	27.50	PC	324.7	2220	14	[OH39 19] - BIG DARBY CREEK (FITZGERALD DITCH TO L. DARBY CR.)					
[OH22 57] - RAMP CREEK						93	10.86	PC	113.3	212	7
93	8.40	PC	123.0	995	24	[OH39 21] - BIG DARBY CREEK (SUGAR RUN TO FITZGERALD DITCH)					
[OH22 59] - S. FK. LICKING R (TRIB@ 23.25 TO BUCKEYE LK OUTLET)						93	5.96	PC	168.7	261	4
93	10.40	PC	577.7	5200	25	[OH39 22] - BIG DARBY CREEK (BUCK RUN TO SUGAR RUN)					
[OH22 61] - S. FK. LICKING R. (HEADWATERS TO TRIB. @ 23.25)						93	12.82	PC	403.1	968	23
93	10.65	PC	206.7	748	12	[OH39 31] - BIG DARBY CREEK (HEADWATERS TO SPAIN CREEK)					
[OH34 5] - SCIOTO RIVER (RUSH CREEK TO LITTLE SCIOTO RIVER)						93	9.40	PC	364.2	572	4
94	12.24	PC	253.0	282	3	[OH41 11] - DEER CREEK (DRY RUN TO HAY RUN)					
[OH35 12] - SCIOTO RIVER (BOKES CREEK TO MILL CREEK)						93	9.65	PC	288.1	1250	10
93	6.48	PC	665.5	2535	6	[OH41 34] - SCIPIO CREEK					
[OH35 15] - BOKES CREEK (BRUSH RUN TO SCIOTO RIVER)						93	19.47	PC	358.9	3060	61

Appendix G-1. Ohio stream and river waterbodies with fecal coliform geometric means greater
than 200 colonies/100 ml. Data from 1993-94.

Year	Segment Length	Recreation Use	GM	90th %tile	N	Year	Segment Length	Recreation Use	GM	90th %tile	N
[OH41 34.1] - TRIB. TO SCIPPO CREEK (RM 16.22)						93	9.20	PC	729.4	8146	22
93	2.07	SC	589.8	3248	6	[OH54 23] - MUDDY CREEK					
[OH41 39] - HARGUS CREEK						93	8.90	PC	455.3	1354	6
93	6.60	PC	924.6	1858	6	[OH54 24] - TURTLE CREEK					
[OH42 24] - PAINT CREEK (SUGAR CREEK TO UPPER PAINT CREEK RES)						93	12.00	SC	346.7	2542	26
93	9.63	PC	560.4	5890	10	[OH54 30] - LITTLE MIAMI RIVER (CAESAR CREEK TO TODD FORK)					
[OH50 1] - LITTLE MIAMI RIVER (GLADY RUN TO CAESAR CREEK)						93	12.40	PC	366.9	1472	6
93	12.80	PC	372.4	3640	11	[OH65 10] - MAUMEE RIVER (ZUBER CUTOFF DITCH TO GORDON CREEK)					
[OH50 4] - LITTLE MIAMI RIVER (BEAVER CREEK TO GLADY RUN)						93	12.98	PC	364.5	1882	6
93	9.00	PC	391.5	4930	27	[OH66 18] - BLANCHARD (THE OUTLET TO POTATO RUN)					
[OH50 5] - GLADY RUN						94	14.67	PC	14527.5	52000	3
93	6.30	SC	198.1	594	13	[OH66 19] - POTATO RUN					
[OH50 8] - BEAVER CREEK						94	15.15	PC	588.7	570	3
93	8.40	SC	307.3	2120	28	[OH69 9] - PRAIRIE CREEK (HEADWATERS TO HAGERMAN CREEK)					
[OH50 9] - LITTLE BEAVER CREEK						94	13.99	SC	1721.3	8080	3
93	9.00	SC	167.3	715	20	[OH69 10] - DRY CREEK					
[OH50 10] - LITTLE MIAMI RIVER (MASSIES CREEK TO BEAVER CREEK)						94	4.30	SC	4093.5	20000	4
93	6.80	PC	331.7	3000	13	[OH71 1] - AUGLAIZE RIVER (FLATROCK CREEK TO MAUMEE RIVER)					
[OH50 13] - OLDTOWN CREEK						93	11.08	PC	238.4	1154	6
93	6.00	PC	118.8	199	4	[OH72 13] - LICK CREEK (HEADWATERS TO LITTLE LICK CREEK)					
[OH50 17] - LITTLE MIAMI RIVER (NORTH FORK TO MASSIES CREEK)						94	17.93	PC	4470.1	4920	3
93	12.10	PC	379.1	2530	14	[OH75 1] - MAUMEE RIVER (WATERVILLE TO SWAN CREEK)					
[OH50 20] - YELLOW SPRINGS CREEK						93	15.46	PC	204.9	665	6
93	2.50	PC	168.4	2008	17	[OH75 16] - OTTAWA RIVER					
[OH50 23] - LITTLE MIAMI RIVER (HEADWATERS TO NORTH FORK)						94	19.75	PC	141.2	631	6
93	13.90	PC	7559.4	12138	4	[OH78 9] - PORTAGE RIVER (M. BR. PORTAGE R. TO SUGAR CREEK)					
[OH53 1] - E. FK. LITTLE MIAMI R. (STONELICK CR. TO L. MIAMI)						93	17.71	PC	243.5	327	6
93	8.80	PC	653.8	3170	6	[OH80 13] - BROKEN SWORD CREEK					
[OH53 8] - STONELICK CREEK						94	32.00	PC	1309.2	4272	3
93	22.90	PC	136.3	2520	11	[OH81 22.1] - KIBLER DITCH (NEW WASHINGTON)					
[OH53 16] - E. FK. LITTLE MIAMI (EAST FK LAKE TO STONELICK CR)						94	2.66	N	2295.4	10000	5
93	11.70	PC	121.7	1102	13	[OH82 1] - SANDUSKY RIVER (WOLF CREEK TO LAKE ERIE)					
[OH54 1] - LITTLE MIAMI RIVER (E. FK. L. MIAMI R. TO OHIO R.)						93	22.73	PC	226.2	706	6
93	11.50	PC	405.3	2650	12	[OH82 18.1] - JOHN SMITH DITCH					
[OH54 7] - LITTLE MIAMI R. (O'BANNON CR. TO E. FK. L. MIAMI)						94	8.65	SC	37826.2	110000	5
93	12.50	PC	456.1	1300	15	[OH82 18.11] - MICHAEL GRUSS DITCH					
[OH54 9] - SYCAMORE CREEK						94	2.93	SC	20000.0	20000	4
93	4.50	PC	1552.1	20400	18	[OH84 1] - HURON RIVER					
[OH54 16] - LITTLE MIAMI RIVER (TURTLE CR. TO O'BANNON CR.)						93	14.70	PC	112.4	179	6

Appendix G-1. Ohio stream and river waterbodies with fecal coliform geometric means greater than 200 colonies/100 ml. Data from 1993-94.

Year	Segment Length	Recreation Use	GM	90th %tile	N	Year	Segment Length	Recreation Use	GM	90th %tile	N
[OH84 24] -											
93			2.7	14	15						
94			1.0	1	4						
[OH85 7] - VERMILION RIVER (EAST FORK TO LAKE ERIE)											
93	15.90	PC	81.6	199	6						
[OH86 2] - BLACK RIVER											
93	15.65	PC	1284.1	3975	18						
94	15.65	PC	673.5	1710	8						
[OH87 2] - ROCKY RIVER											
93	12.07	PC	5911.5	55700	18						
94	12.07	PC	628.4	2280	11						
[OH88 11] - CUYAHOGA RIVER (BLACK BROOK TO CONGESS LAKE OUT.)											
94	19.82	PC	228.1	396	3						
[OH89 1] - CUYAHOGA RIVER (BIG CREEK TO LAKE ERIE)											
94	7.20	PC	3659.2	6700	5						
[OH90 5] - CHAGRIN RIVER (EAST BRANCH TO LAKE ERIE)											
94	5.00	PC	371.0	476	3						
[OH92 1] - GRAND RIVER (PAINE CREEK TO LAKE ERIE)											
94	14.31	PC	317.1	432	3						

Appendix G-2. Ohio stream and river waterbodies with fecal strep. geometric means greater
than 200 colonies/100 ml. Data from 1993-94.

Year	Segment Length	Recreation Use	GM	90th %tile	N	Year	Segment Length	Recreation Use	GM	90th %tile	N
[OH13 21] - NORTH FORK SUGAR CREEK						93	13.00	PC	1028.5	29200	74
93	6.80	PC	3156.3	12360	8	[OH38 21.1] - ROSE RUN					
[OH18 22] - KOKOSING RIVER (N. BR. KOKOSING R. TO WOLF RUN)						93	3.40	PC	1828.7	10140	7
93	8.30	PC	130.7	362	11	[OH39 2] - BIG DARBY CREEK (HELLBRANCH RUN TO LIZZARD RUN)					
[OH22 1] - LICKING RIVER (DILLON RES. TO MUSKINGUM RIVER)						93	12.77	SC	72.7	100	5
93	6.20	PC	92.4	268	12	[OH39 6] - HELLBRANCH RUN					
[OH22 5] - LICKING RIVER (ROCKY FORK TO DILLON RESERVOIR)						93	11.18	PC	149.1	335	10
93	15.50	PC	70.4	426	6	[OH39 8] - LITTLE DARBY CREEK (SPRING FORK TO BIG DARBY CR.)					
[OH22 16] - LICKING RIVER (NORTH/SOUTH FORKS TO ROCKY FORK)						93	7.50	PC	170.3	800	11
93	8.50	PC	191.5	711	18	[OH39 10] - LITTLE DARBY CREEK (TREACLE CREEK TO SPRING FORK)					
[OH22 23] - NORTH FORK (SYCAMORE CREEK TO S. FK. LICKING R.)						93	13.80	PC	809.2	10682	38
93	20.30	PC	379.9	3580	24	[OH39 12] - TREACLE CREEK					
[OH22 37] - NORTH FORK LICKING R. (HEADWATERS TO SYCAMORE CR.)						93	14.20	PC	2224.3	4930	6
93	18.50	PC	357.1	1598	11	[OH39 15] - LITTLE DARBY CREEK (HEADWATERS TO TREACLE CREEK)					
[OH22 45] - S. FK. LICKING R. (BUCKEYE LK OUTLET TO LICKING R)						93	13.70	PC	1166.4	9712	27
93	12.80	PC	345.4	2020	43	[OH39 19] - BIG DARBY CREEK (FITZGERALD DITCH TO L. DARBY CR.)					
[OH22 46] - RACCOON CREEK						93	10.86	PC	116.2	200	10
93	27.50	PC	371.7	2790	14	[OH39 21] - BIG DARBY CREEK (SUGAR RUN TO FITZGERALD DITCH)					
[OH22 57] - RAMP CREEK						93	5.96	PC	182.6	400	5
93	8.40	PC	254.8	1095	24	[OH39 22] - BIG DARBY CREEK (BUCK RUN TO SUGAR RUN)					
[OH22 59] - S. FK. LICKING R(TRIB@ 23.25 TO BUCKEYE LK OUTLET)						93	12.82	PC	490.1	3350	26
93	10.40	PC	372.2	3500	25	[OH39 31] - BIG DARBY CREEK (HEADWATERS TO SPAIN CREEK)					
[OH22 61] - S. FK. LICKING R. (HEADWATERS TO TRIB. @ 23.25)						93	9.40	PC	302.0	420	5
93	10.65	PC	386.7	1304	12	[OH41 11] - DEER CREEK (DRY RUN TO HAY RUN)					
[OH35 12] - SCIOTO RIVER (BOKES CREEK TO MILL CREEK)						93	9.65	PC	440.9	3080	10
93	6.48	PC	519.6	5090	6	[OH41 34] - SCIPIO CREEK					
[OH35 15] - BOKES CREEK (BRUSH RUN TO SCIOTO RIVER)						93	19.47	PC	706.1	3140	61
93	19.71	SC	864.8	9660	33	[OH41 34.1] - TRIB. TO SCIPIO CREEK (RM 16.22)					
[OH35 18] - BOKES CREEK (HEADWATERS TO BRUSH RUN)						93	2.07	SC	1010.1	1354	6
93	19.99	PC	741.2	4179	12	[OH41 39] - HARGUS CREEK					
[OH35 18.1] -						93	6.60	PC	829.1	1640	6
93			1655.4	8580	12	[OH42 24] - PAINT CREEK (SUGAR CREEK TO UPPER PAINT CREEK RES)					
[OH35 24] - SCIOTO RIVER (FULTON CREEK TO BOKES CREEK)						93	9.63	PC	451.4	15275	10
93	3.56	PC	535.8	3800	5	[OH50 1] - LITTLE MIAMI RIVER (GLADY RUN TO CAESAR CREEK)					
[OH36 35] - OLENTANGY RIVER (HEADWATERS TO MUD RUN)						93	12.80	PC	553.5	9980	11
94	30.54	PC	255.7	1448	13	[OH50 4] - LITTLE MIAMI RIVER (BEAVER CREEK TO GLADY RUN)					
[OH38 2] - ALUM CREEK (COLUMBUS BOUNDARY TO BIG WALNUT CREEK)						93	9.00	PC	547.4	10900	27
93	19.90	PC	580.5	11440	12	[OH50 5] - GLADY RUN					
[OH38 21] - ROCKY FORK						93	6.30	SC	1041.8	5560	13

Appendix G-2. Ohio stream and river waterbodies with fecal strep. geometric means greater than 200 colonies/100 ml. Data from 1993-94.

Year	Segment Length	Recreation Use	GM	90th %tile	N	Year	Segment Length	Recreation Use	GM	90th %tile	N
[OH50 8] - BEAVER CREEK						93	8.40	SC	787.7	6960	27
[OH50 9] - LITTLE BEAVER CREEK						93	9.00	SC	420.6	8800	20
[OH50 10] - LITTLE MIAMI RIVER (MASSIES CREEK TO BEAVER CREEK)						93	6.80	PC	522.4	1440	13
[OH50 13] - OLDTOWN CREEK						93	6.00	PC	802.3	1004	4
[OH50 17] - LITTLE MIAMI RIVER (NORTH FORK TO MASSIES CREEK)						93	12.10	PC	526.8	2800	14
[OH50 20] - YELLOW SPRINGS CREEK						93	2.50	PC	1018.6	2360	17
[OH50 23] - LITTLE MIAMI RIVER (HEADWATERS TO NORTH FORK)						93	13.90	PC	1769.0	3220	4
[OH53 1] - E. FK. LITTLE MIAMI R. (STONELICK CR. TO L. MIAMI)						93	8.80	PC	1227.8	5386	6
[OH53 8] - STONELICK CREEK						93	22.90	PC	569.2	7280	11
[OH53 16] - E. FK. LITTLE MIAMI (EAST FK LAKE TO STONELICK CR)						93	11.70	PC	153.2	382	13
[OH54 1] - LITTLE MIAMI RIVER (E. FK. L. MIAMI R. TO OHIO R.)						93	11.50	PC	384.9	3713	12
[OH54 7] - LITTLE MIAMI R. (O'BANNON CR. TO E. FK. L. MIAMI)						93	12.50	PC	428.3	8400	18
[OH54 9] - SYCAMORE CREEK						93	4.50	PC	645.1	20320	21
[OH54 16] - LITTLE MIAMI RIVER (TURTLE CR. TO O'BANNON CR.)						93	9.20	PC	204.5	1268	26
[OH54 23] - MUDDY CREEK						93	8.90	PC	386.1	473	6
[OH54 24] - TURTLE CREEK						93	12.00	SC	377.4	2140	31
[OH54 30] - LITTLE MIAMI RIVER (CAESAR CREEK TO TODD FORK)						93	12.40	PC	625.5	10472	6

Appendix G-3. Ohio stream and river waterbodies with E. coli geometric means greater than 200 colonies/100 ml. Data from 1993-94.

Year	Segment Length	Recreation Use	GM	90th %tile	N	Year	Segment Length	Recreation Use	GM	90th %tile	N
[OH22 37] - NORTH FORK LICKING R. (HEADWATERS TO SYCAMORE CR.)						93	13.90	PC	2270.2	2780	4
93	18.50	PC	775.7	3900	5	[OH53 1] - E. FK. LITTLE MIAMI R. (STONELICK CR. TO L. MIAMI)					
[OH35 12] - SCIOTO RIVER (BOKES CREEK TO MILL CREEK)						93	8.80	PC	453.1	2688	6
93	6.48	PC	546.4	1787	6	[OH53 8] - STONELICK CREEK					
[OH35 15] - BOKES CREEK (BRUSH RUN TO SCIOTO RIVER)						93	22.90	PC	122.9	2100	11
93	19.71	SC	464.8	1340	23	[OH53 16] - E. FK. LITTLE MIAMI (EAST FK LAKE TO STONELICK CR)					
[OH35 18] - BOKES CREEK (HEADWATERS TO BRUSH RUN)						93	11.70	PC	108.1	888	13
93	19.99	PC	494.2	1164	12	[OH54 1] - LITTLE MIAMI RIVER (E. FK. L. MIAMI R. TO OHIO R.)					
[OH35 18.1] -						93	11.50	PC	307.6	2810	12
93			342.1	1250	12	[OH54 7] - LITTLE MIAMI R. (O'BANNON CR. TO E. FK. L. MIAMI)					
[OH35 24] - SCIOTO RIVER (FULTON CREEK TO BOKES CREEK)						93	12.50	PC	233.0	5500	15
93	3.56	PC	303.3	760	5	[OH54 9] - SYCAMORE CREEK					
[OH36 35] - OLENTANGY RIVER (HEADWATERS TO MUD RUN)						93	4.50	PC	613.7	7950	16
94	30.54	PC	769.3	3400	13	[OH54 16] - LITTLE MIAMI RIVER (TURTLE CR. TO O'BANNON CR.)					
[OH39 8] - LITTLE DARBY CREEK (SPRING FORK TO BIG DARBY CR.)						93	9.20	PC	269.8	7961	22
93	7.50	PC	185.0	184	3	[OH54 23] - MUDDY CREEK					
[OH39 10] - LITTLE DARBY CREEK (TREACLE CREEK TO SPRING FORK)						93	8.90	PC	241.5	463	6
93	13.80	PC	474.2	1044	8	[OH54 24] - TURTLE CREEK					
[OH39 15] - LITTLE DARBY CREEK (HEADWATERS TO TREACLE CREEK)						93	12.00	SC	178.2	1760	26
93	13.70	PC	1290.0	3360	7	[OH54 30] - LITTLE MIAMI RIVER (CAESAR CREEK TO TODD FORK)					
[OH50 1] - LITTLE MIAMI RIVER (GLADY RUN TO CAESAR CREEK)						93	12.40	PC	204.8	1104	6
93	12.80	PC	226.2	3420	11						
[OH50 4] - LITTLE MIAMI RIVER (BEAVER CREEK TO GLADY RUN)											
93	9.00	PC	285.9	3400	27						
[OH50 5] - GLADY RUN											
93	6.30	SC	210.4	520	13						
[OH50 8] - BEAVER CREEK											
93	8.40	SC	308.9	1370	28						
[OH50 9] - LITTLE BEAVER CREEK											
93	9.00	SC	170.1	460	20						
[OH50 10] - LITTLE MIAMI RIVER (MASSIES CREEK TO BEAVER CREEK)											
93	6.80	PC	257.6	2000	13						
[OH50 13] - OLDTOWN CREEK											
93	6.00	PC	153.0	199	4						
[OH50 17] - LITTLE MIAMI RIVER (NORTH FORK TO MASSIES CREEK)											
93	12.10	PC	304.6	1890	14						
[OH50 20] - YELLOW SPRINGS CREEK											
93	2.50	PC	169.4	1280	17						
[OH50 23] - LITTLE MIAMI RIVER (HEADWATERS TO NORTH FORK)											

Appendix H: A Restorability Rating Factor for Aquatic Life Based on a Stream Habitat Quality Index: The QHEI.

This fact sheet outlines a methodology for ranking streams as to their likelihood of having their aquatic life restored to a condition comparable to minimally impacted reference conditions for a region. This would be a condition equivalent or greater than the Clean Water Act goals and equivalent to Ohio's WWH, CWH, or EWH aquatic life uses.

The major factors in this ranking include site-segment scale habitat quality, river scale habitat quality, watershed scale habitat conditions, stream gradient or energy (i.e., energy needed to restore degraded habitat conditions), and specific "high influence" habitat attributes that may limit achievement of biological attainment of biocriteria. The "density" of data used to create these rankings varies by stream and watershed and rankings based on few data points (i.e., where certainty is lower) are identified.

Narrative restorability categories are listed in Table 1. The decision criteria for the rankings based on the factors listed above are diagrammed in Figures 1 and 2. Stream segments classified as LRW or MWH, *on the basis of a biosurvey*, are considered the least restorable conditions. Here an aquatic life use attainability study has been performed and Clean Water goals are considered unattainable. In many situations, for example, such streams are kept in a modified state through channel maintenance to promote agricultural or urban drainage or flood control.

Table 1. Narrative restorability categories for aquatic life in Ohio streams based on the factors outlined in this fact sheet.

Least Restorable: Essentially None	Moderate - High
Low	High
Low-Moderate	Very High
Moderate	Most Restorable: Extremely High

Rationale for Factors that Limit Restorability

Because the consequences of ranking the restorability of streams are considerable (e.g., they will drive restoration efforts for aquatic systems), it is important that the underlying factors used in the rating system are understood. This next section provides the justification for the use of these factors in this rating system.

QHEI

The QHEI (Ohio EPA 1989, Rankin 1989, 1995) is the habitat assessment

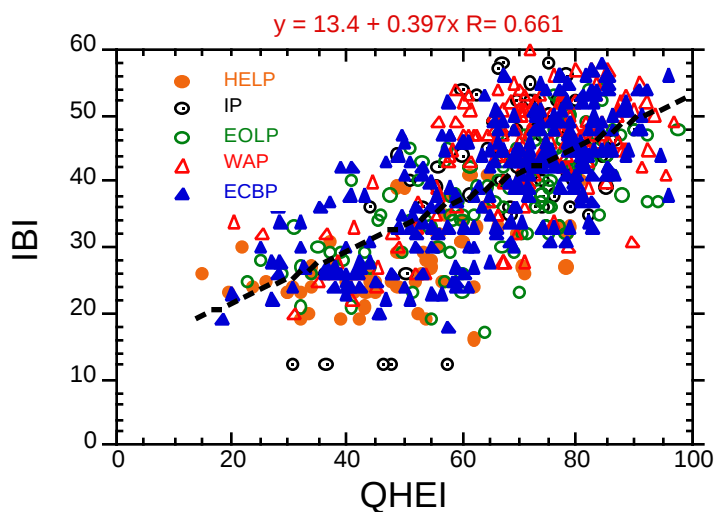


Figure 2. QHEI vs IBI for 666 minimally impacted and habitat impacted reference sites, coded by ecoregion.

methodology used to assess habitat condition in Ohio's streams and rivers. Habitat condition is one of the five primary factors affecting the biological integrity of streams (Karr 1983). In Ohio the QHEI is significantly correlated with the IBI statewide (Figure 2) and within an ecoregion (Rankin 1994). It is evident that increasing habitat degradation limits biological community condition (Figure 2). An illustration of the effect of widespread habitat disturbance on biological integrity is evident in the lower biological performance of HELP ecoregion sites (a region extensively channelized) compared to other regions of the state where such disturbance is less (also see Rankin 1995). A primary discrimination factor in the QHEI restorability rating is the QHEI scores at the segment, river, and watershed scales (Figure 1).

Specific QHEI Attributes That Limit Biological Integrity

Not all habitat variables in the QHEI have the same influence on biological integrity. There are certain habitat attributes of the QHEI that have been shown to be strong limiting factors to biological integrity ("high influence MWH attributes", Rankin 1989). These include factors such as recent channelization, silt/muck substrates, none-sparse cover, and shallow depths. Accrual of more than one of these attributes results in a much higher probability of limiting biological integrity as measured by the IBI (Figure 3). Thus the presence of these high influence MWH attributes are a good discriminating factor for rating restorability.

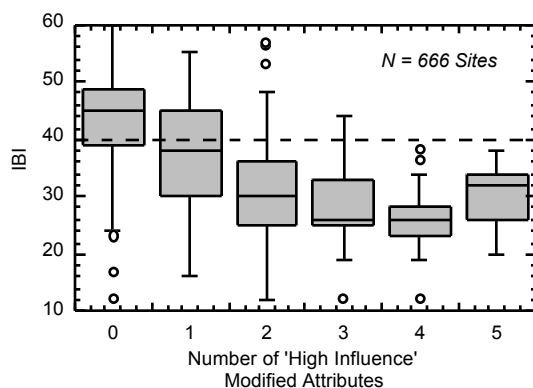


Figure 3. Box and whisker plot of the IBI by the number of "high influence MWH attributes" for least impacted and habitat-affected reference sites.

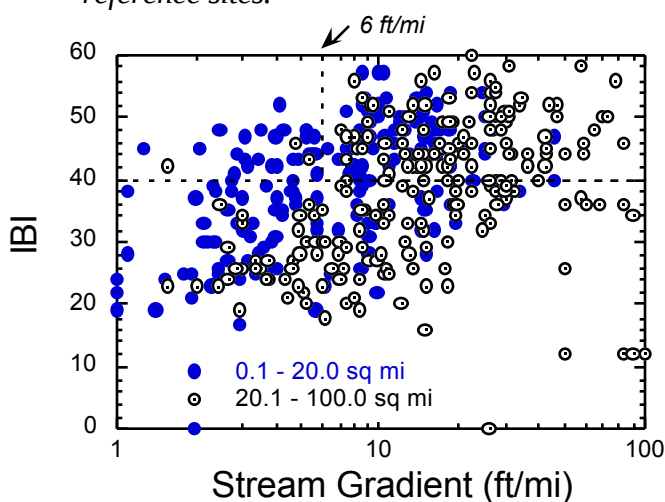


Figure 4. IBI versus stream gradient for least impacted and physically impacted headwater and wadeable stream sites.

Stream Gradient

Stream gradient is a component of the equation for stream power. Stream power is important because it is a determinant of how quickly (and what type) of habitat features are recreated by the stream over time. An approximation of the equation for Power is: $w = 10Qh$, where w = power in kilowatts, Q is discharge in m^3/s , and h is the change in elevation in meters (Gordon et al. 1992). The importance of discharge is reflected in the QHEI adjustment of the gradient score by drainage area (Rankin 1989).

For two streams of the same drainage area (e.g., discharge) and similar otherwise, the stream with higher gradient will, generally, be more able to recover from a habitat perturbation more quickly. Therefore, extremely low gradient streams with poor habitat are more likely to be unrestorable without intervention over the long term (20-100 years or more), especially given current land use patterns. Based on the relationships between IBI and stream gradient in headwater, wadeable, and boat sites there seem to be thresholds of stream gradient below which it is difficult, given current land use practices, vegetation, erosion rates,

etc., to achieve a WWH fish community (Figures 4 and 5). For headwater streams (≤ 20 sq mi drainage) this threshold is near 6 ft/mi (Figure 4); for wadeable streams (20-200 sq mi) the threshold is 2 ft/mi (Figure 5). There is no clear WWH threshold for boat sites (> 200 sq mi), although there are no EWH sites with stream gradients < 2 ft/mi (Figure 5).

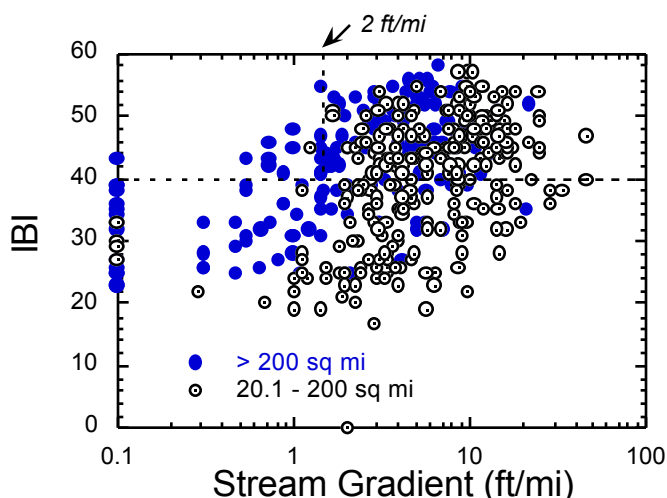


Figure 5. IBI versus stream gradient for least impacted and physically impacted headwater and wadeable stream sites.

may also act to limit the restorability of small stream, such as the degree of impermeability in highly urbanized watersheds. For these streams, the greatly altered flow regimes can act to scour biological organisms to the extent that full recolonization is precluded. Unfortunately, we do not have good quantification of limiting factors that can be included in this current process (e.g., % imperviousness). The QHEI-based factors discussed above, however, will reflect many of the limitations caused by extensive urbanization.

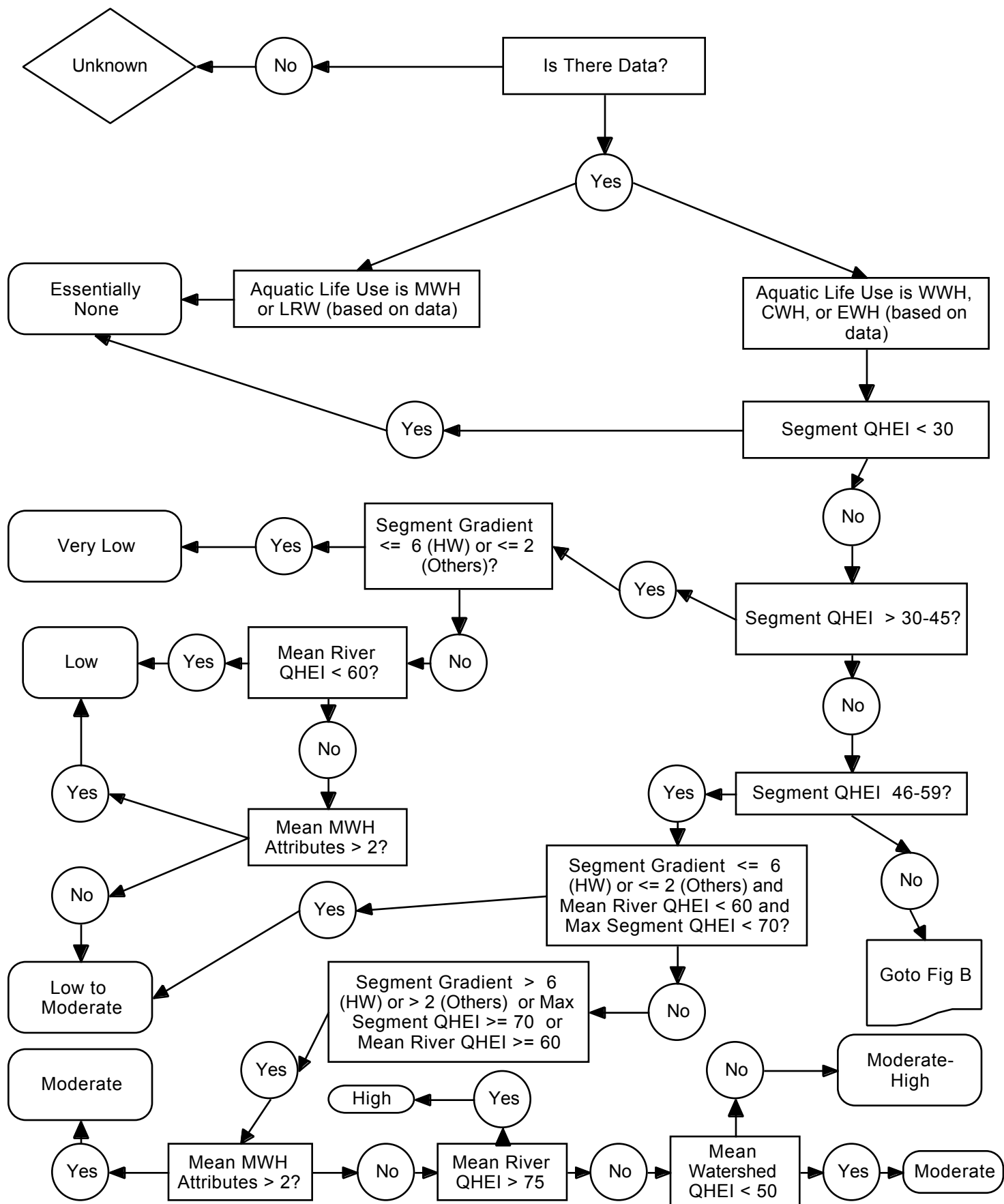
Endangered, Threatened, and Declining Species

Although not included explicitly in the narrative restoration ratings, the presence of endangered or threatened aquatic species and good number of declining fish species can provide more support for deciding whether a stream is restorable to a WWH, CWH, or EWH condition. The presence of such species in the river or watershed of a particular segment, increases the likelihood that it can be restored. There is a distinct threshold between h

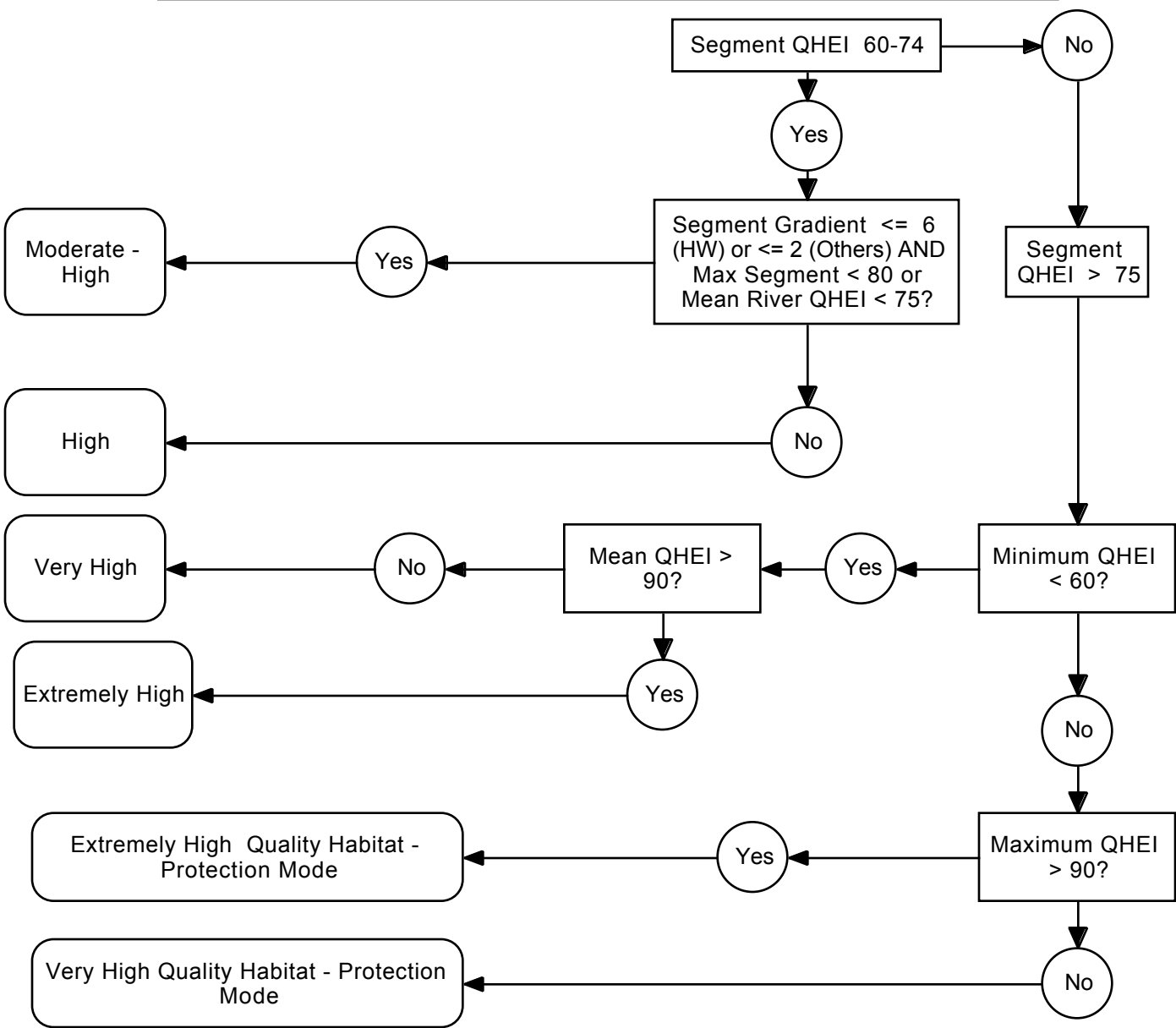
Factors Not Included

Other factors not included here

QHEI-Based Restorability Rating



QHEI-Based Restorability Rating - Part B



OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
UPPER MAHONING RIVER - [Watershed QHEI: 58.6, N = 26]													
[OH 1 1] - MAHONING RIVER (WEST BRANCH TO DUCK CREEK) Upper RM: 53.70 / Lower RM: 43.80													
51.64	40.50	69.00	62.9	0.7(4.0)	0.1(4.0)	0.9(4.0)	523.57	426.00	578.00	7	WWH	Moderate-High	High
[OH 1 3] - EAGLE CREEK (SOUTH FORK EAGLE CR. TO MAHONING R.) Upper RM: 10.90 / Lower RM: 0.00													
56.00	51.50	60.50	55.0	0.6(5.0)	0.1(4.0)	1.0(6.0)	109.00	109.00	109.00	2	WWH	Low - Moderate	Mod.
[OH 1 6] - SOUTH FORK EAGLE CREEK Upper RM: 9.00 / Lower RM: 0.00													
61.50	61.50	61.50	61.5	14.3(10)	14.3(10)	14.3(10)	9.30	9.30	9.30	1	WWH	High	Low
[OH 1 8] - EAGLE CREEK (HEADWATERS TO SOUTH FORK EAGLE CREEK) Upper RM: 25.00 / Lower RM: 10.90													
53.00	53.00	53.00	55.0	10.2(8.0)	10.2(8.0)	10.2(8.0)	5.50	5.50	5.50	1	WWH	Moderate-High	Low-Mod.
[OH 1 10] - SILVER CREEK Upper RM: 7.20 / Lower RM: 0.00													
76.00	74.00	79.00	76.0	22.9(8.7)	16.1(8.0)	26.3(10)	10.00	8.40	10.80	3	CWH	Very High Quality	Mod.-High
[OH 1 14] - WEST BRANCH MAHONING RIVER Upper RM: 13.20 / Lower RM: 0.00													
67.00	67.00	67.00	67.0	2.4(8.0)	2.4(8.0)	2.4(8.0)	104.00	104.00	104.00	1	WWH	High	Low
[OH 1 20] - MAHONING RIVER (MILTON DAM TO WEST BRANCH) Upper RM: 61.84 / Lower RM: 53.74													
49.83	40.50	60.50	62.9	1.0(5.3)	0.1(4.0)	2.9(8.0)	342.67	305.00	417.00	3	WWH	Moderate-High	High
[OH 1 24] - MAHONING RIVER (BEECH CREEK TO BERLIN DAM) Upper RM: 80.30 / Lower RM: 69.17													
61.25	55.00	67.50	62.9	0.1(4.0)	0.1(4.0)	0.1(4.0)	252.50	252.00	253.00	2	WWH	Moderate - High	Mod.
[OH 1 30] - MAHONING RIVER (HEADWATERS TO BEECH CREEK) Upper RM: 108.30 / Lower RM: 80.30													
61.42	42.50	74.50	62.9	5.1(5.7)	0.1(2.0)	14.7(8.0)	57.83	8.00	90.00	6	WWH	High	High
LOWER MAHONING RIVER - [Watershed QHEI: 61.3, N = 71]													
[OH 2 1] - MAHONING RIVER (YELLOW CREEK TO PA.) Upper RM: 13.79 / Lower RM: 9.80													
72.80	48.00	86.00	62.9	2.1(9.2)	0.1(6.0)	2.7(10)	1073.20	999.00	1076.00	5	WWH	High	High
[OH 2 5] - YELLOW CREEK Upper RM: 11.10 / Lower RM: 0.00													
64.50	64.50	64.50	64.5	41.7(4.0)	41.7(4.0)	41.7(4.0)	31.90	31.90	31.90	1	WWH	High	Low
[OH 2 7] - MAHONING RIVER (MILL CREEK TO YELLOW CREEK) Upper RM: 20.00 / Lower RM: 13.80													
68.33	47.50	79.00	62.9	2.2(9.3)	0.1(6.0)	2.7(10)	1016.00	999.00	1024.00	6	WWH	High	High
[OH 2 9] - DRY RUN Upper RM: 7.10 / Lower RM: 0.00													
61.50	61.50	61.50	61.5	58.8(4.0)	58.8(4.0)	58.8(4.0)	9.80	9.80	9.80	1	WWH	High	Low
[OH 2 12] - MILL CREEK Upper RM: 20.90 / Lower RM: 0.00													
55.00	37.00	73.00	55.0	9.7(3.4)	0.1(2.0)	50.0(4.0)	56.00	28.00	79.00	10	WWH	Moderate-High	High
[OH 2 13] - BEARS DEN RUN Upper RM: 4.10 / Lower RM: 0.00													
67.00	67.00	67.00	67.0	47.6(4.0)	47.6(4.0)	47.6(4.0)	3.70	3.70	3.70	1	WWH	High	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH 2 14] - AX FACTORY RUN Upper RM: 4.00 / Lower RM: 0.00													
64.25	59.00	69.50	64.3	90.0(4.0)	90.0(4.0)	90.0(4.0)	2.90	2.90	2.90	2	WWH	High	Mod.
[OH 2 15] - ANDERSONS RUN Upper RM: 4.50 / Lower RM: 0.00													
63.50	63.50	63.50	63.5	8.5(6.0)	8.5(6.0)	8.5(6.0)	6.20	6.20	6.20	1	WWH	High	Low
[OH 2 17] - INDIAN RUN Upper RM: 4.80 / Lower RM: 0.00													
65.00	65.00	65.00	65.0	14.8(10)	14.8(10)	14.8(10)	14.70	14.70	14.70	1	WWH	High	Low
[OH 2 20] - MAHONING RIVER (MEANDER CREEK TO MILL CREEK) Upper RM: 28.50 / Lower RM: 20.00													
61.18	42.50	78.50	62.9	1.2(7.8)	0.1(6.0)	2.6(10)	1018.00	858.00	2216.00	11	WWH	Moderate - High	High
[OH 2 23] - MEANDER CREEK Upper RM: 20.40 / Lower RM: 0.00													
54.80	41.50	84.50	54.8	1.9(3.6)	0.1(2.0)	8.9(10)	84.80	84.00	86.00	5	WWH	Moderate-High	High
[OH 2 27] - MOSQUITO CREEK (MOSQUITO CR. RES. TO MAHONING R.) Upper RM: 12.49 / Lower RM: 0.00													
55.19	45.00	67.00	55.2	1.8(5.8)	0.1(4.0)	8.9(10)	118.25	98.00	138.00	8	WWH	Low - Moderate	High
[OH 2 35] - MAHONING RIVER (DUCK CREEK TO MEANDER CREEK) Upper RM: 43.80 / Lower RM: 28.50													
62.55	46.50	80.50	62.9	1.6(5.8)	0.1(4.0)	4.6(10)	615.47	578.00	858.00	19	WWH	Moderate - High	High
[OH 2 37] - RED RUN Upper RM: 4.70 / Lower RM: 0.00													
											LRW	Essentially None	High
PYMATUNING CREEK - [Watershed QHEI: 66.3, N = 29]													
[OH 3 1] - LITTLE YANKEE RUN Upper RM: 13.20 / Lower RM: 0.00													
72.60	54.00	88.00	72.6	20.2(8.4)	11.9(6.0)	37.0(10)	29.60	9.00	42.00	10	WWH	High	High
[OH 3 2] - LITTLE DEER CREEK Upper RM: 6.90 / Lower RM: 0.00													
72.75	72.00	73.50	72.8	15.4(10)	15.4(10)	15.4(10)	7.00	7.00	7.00	2	WWH	High	Mod.
[OH 3 3] - YANKEE RUN Upper RM: 14.80 / Lower RM: 0.00													
61.80	46.00	73.50	61.8	7.9(9.2)	5.9(6.0)	9.3(10)	41.72	28.60	45.00	5	WWH	High	High
[OH 3 3.1] - MUD RUN Upper RM: 2.00 / Lower RM: 0.00													
62.00	62.00	62.00	62.0	8.7(6.0)	8.7(6.0)	8.7(6.0)	7.00	7.00	7.00	1	WWH	High	Low
[OH 3 6] - PYMATUNING CREEK (SHENANGO RESERVOIR TO PA.) Upper RM: 19.79 / Lower RM: 0.00													
64.71	54.50	82.00	61.4	1.4(4.6)	1.3(4.0)	1.8(6.0)	106.57	66.00	168.00	7	WWH	Moderate - High	High
[OH 3 10] - PYMATUNING CREEK (HEADWATERS TO SHENANGO RES.) Upper RM: 34.33 / Lower RM: 19.80													
49.75	45.50	54.00	61.4	3.4(6.0)	3.1(6.0)	3.7(6.0)	22.65	9.30	36.00	2	WWH	Moderate-High	Mod.
[OH 3 11] - SUGAR CREEK Upper RM: 8.10 / Lower RM: 0.00													
64.50	63.50	65.50	64.5	3.9(6.0)	0.0(2.0)	7.8(10)	9.90		19.80	2	WWH	Moderate - High	Mod.
LITTLE BEAVER CREEK - [Watershed QHEI: 71.2, N = 36]													

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH 4 1] - LITTLE BEAVER CREEK (NORTH FORK TO PA.) Upper RM: 7.80 / Lower RM: 0.00													
87.50	87.00	88.00	85.0	8.5(10)	8.5(10)	8.5(10)	496.00	496.00	496.00	2	EWB	Very High Quality	Mod.
[OH 4 3] - NORTH FORK (BULL CREEK TO LITTLE BEAVER CREEK) Upper RM: 6.07 / Lower RM: 0.00													
82.00	82.00	82.00	86.2	13.8(8.0)	13.8(8.0)	13.8(8.0)	183.00	183.00	183.00	1	WWH	Very High Quality	Low-Mod.
[OH 4 6] - BULL CREEK Upper RM: 16.60 / Lower RM: 0.00													
81.00	74.00	88.00	81.0	25.8(7.0)	18.2(6.0)	33.3(8.0)	52.00	40.00	64.00	2	WWH	Very High Quality	Low-Mod.
[OH 4 7.1] - TRIB. TO LESLIE RUN Upper RM: 2.25 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH 4 10] - NORTH FORK (PA. TO BULL CREEK) Upper RM: 7.75 / Lower RM: 6.07													
88.25	82.00	94.50	86.2	8.4(10)	8.4(10)	8.4(10)	107.50	106.00	109.00	2	WWH	Extremely High	Mod.
[OH 4 11.2] - EAST FORK STATELINE CREEK Upper RM: 2.06 / Lower RM: 0.00													
66.50	66.50	66.50	66.5	42.6(4.0)	42.6(4.0)	42.6(4.0)	1.50	1.50	1.50	1	WWH	High	Low
[OH 4 11.3] - WEST FORK STATELINE CREEK Upper RM: 1.98 / Lower RM: 0.00													
43.50	32.00	55.00	43.5	111.4(4.0)	69.0(4.0)	153.9(4.0)	1.15	0.50	1.80	2	WWH	Low	Mod.
[OH 4 14] - LITTLE BEAVER CREEK (MIDDLE FORK TO NORTH FORK) Upper RM: 15.82 / Lower RM: 7.80													
82.50	82.00	83.00	85.0	10.6(8.0)	10.2(8.0)	11.1(8.0)	277.50	261.00	294.00	2	EWB	Very High Quality	Mod.
[OH 4 17] - MIDDLE FORK (MIDDLE RUN TO WEST FORK) Upper RM: 8.57 / Lower RM: 0.00													
83.00	83.00	83.00	60.7	10.5(8.0)	10.5(8.0)	10.5(8.0)	141.00	141.00	141.00	1	EWB	Very High Quality	Low-Mod.
[OH 4 22] - MIDDLE FORK (EAST BRANCH TO MIDDLE RUN) Upper RM: 21.49 / Lower RM: 8.57													
70.88	32.00	89.00	60.7	7.0(9.0)	3.8(6.0)	8.3(10)	96.25	73.00	114.00	4	WWH; EWB	High	High
[OH 4 23] - STONE MILL RUN Upper RM: 4.80 / Lower RM: 0.00													
77.50	77.50	77.50	77.5	58.8(4.0)	58.8(4.0)	58.8(4.0)	8.00	8.00	8.00	1	WWH	Very High Quality	Low
[OH 4 24] - MIDDLE FORK (HEADWATERS TO EAST BRANCH) Upper RM: 42.60 / Lower RM: 21.49													
54.40	37.00	69.00	60.7	12.7(7.6)	3.7(6.0)	30.3(10)	18.27	1.70	41.00	10	WWH	Moderate-High	High
[OH 4 24.2] - TRIB. TO M. FK. L. BEAVER CREEK (NEASE) Upper RM: 1.58 / Lower RM: 0.00													
60.50	60.50	60.50	60.5	10.5(8.0)	10.5(8.0)	10.5(8.0)	1.20	1.20	1.20	1	NONE	High	Low
[OH 4 25] - EAST BRANCH MIDDLE FORK Upper RM: 9.50 / Lower RM: 0.00													
67.00	67.00	67.00	67.0	5.4(6.0)	5.4(6.0)	5.4(6.0)	15.00	15.00	15.00	1	WWH	Moderate - High	Low
[OH 4 27] - WEST FORK (BRUSH CREEK TO MIDDLE FORK) Upper RM: 15.99 / Lower RM: 0.00													
89.17	82.50	95.00	89.2	9.9(9.3)	8.7(8.0)	12.3(10)	86.83	74.00	111.00	6	EWB	Extremely High	High

CENTRAL TRIBS (YELLOW CREEK AND CROSS CREEK) - [Watershed QHEI: 66.4, N = 47]

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH 5 1] - CROSS CREEK (MCINTYRE CREEK TO OHIO RIVER) Upper RM: 5.55 / Lower RM: 0.00													
75.75	71.50	80.00	72.3	12.3(8.0)	12.3(8.0)	12.3(8.0)	124.50	122.00	127.00	2	WWH	Very High Quality	Mod.
[OH 5 2] - DRY FORK Upper RM: 5.75 / Lower RM: 0.00													
59.88	52.00	65.00	59.9	78.2(4.0)	54.1(4.0)	105.3(4.0)	3.53	1.00	6.60	4	WWH; LRW	Essentially None	High
[OH 5 2.1] - TRIBUTARY TO DRY FORK (RM 5.43) Upper RM: 0.20 / Lower RM: 0.00													
50.50	50.50	50.50	50.5	125.0(4.0)	125.0(4.0)	125.0(4.0)	1.80	1.80	1.80	1	NONE	Moderate-High	Low
[OH 5 2.2] - WINTERSVILLE 'E' TRIB. Upper RM: 1.05 / Lower RM: 0.00													
62.50	62.50	62.50	62.5	62.5(4.0)	62.5(4.0)	62.5(4.0)	0.60	0.60	0.60	1	NONE	High	Low
[OH 5 3] - MCINTYRE CREEK Upper RM: 12.70 / Lower RM: 0.00													
67.50	67.50	67.50	67.5	45.5(4.0)	45.5(4.0)	45.5(4.0)	27.00	27.00	27.00	1	WWH	High	Low
[OH 5 9] - CROSS CREEK (SALEM CREEK TO MCINTYRE CREEK) Upper RM: 17.44 / Lower RM: 5.55													
72.50	70.50	74.00	72.3	15.3(8.0)	13.4(8.0)	18.7(8.0)	82.67	78.00	88.00	3	WWH	High	High
[OH 5 10] - BARBERS HOLLOW Upper RM: 4.10 / Lower RM: 0.00													
60.50	46.50	67.50	60.5	89.4(5.5)	25.3(4.0)	153.9(	1.90	1.10	2.70	4	WWH	High	Mod.-High
[OH 5 12] - CEDAR LICK CREEK Upper RM: 5.60 / Lower RM: 0.00													
63.75	54.50	73.00	63.8	73.3(6.0)	13.3(4.0)	133.3(8.0)	4.00	1.40	6.60	2	WWH	High	Mod.
[OH 5 14] - CROSS CREEK (HEADWATERS TO SALEM CREEK) Upper RM: 27.44 / Lower RM: 17.45													
68.50	61.50	75.50	72.3	16.9(9.0)	15.9(8.0)	18.0(10)	20.50	11.00	30.00	2	WWH	High	Mod.
[OH 5 20] - NORTH BRANCH CROSS CREEK Upper RM: 6.40 / Lower RM: 0.00													
81.00	81.00	81.00	81.0	17.1(10)	17.1(10)	17.1(10)	11.00	11.00	11.00	1	WWH	Very High Quality	Low
[OH 5 24] - WILLS CREEK Upper RM: 6.20 / Lower RM: 0.00													
67.50	60.50	71.00	67.5	54.3(4.7)	35.7(4.0)	66.7(6.0)	10.23	4.00	14.20	3	WWH	High	Mod.-High
[OH 5 24.2] - TRIB. TO WILLS CREEK Upper RM: 1.20 / Lower RM: 0.00													
66.50	66.50	66.50	66.5	100.0(4.0)	100.0(4.0)	100.0(4.0)	0.30	0.30	0.30	1	NONE	High	Low
[OH 5 38] - YELLOW CREEK (BRUSH CREEK TO OHIO RIVER) Upper RM: 4.55 / Lower RM: 0.00													
41.50	37.00	46.00	60.5	0.1(4.0)	0.1(4.0)	0.1(4.0)	225.00	224.00	226.00	2	WWH	Very Low	Mod.
[OH 5 43] - NORTH FORK YELLOW CREEK Upper RM: 10.73 / Lower RM: 0.00													
77.50	62.00	87.50	77.5	17.3(9.0)	16.4(8.0)	18.3(10)	49.00	41.00	58.00	4	WWH	Very High Quality	Mod.-High
[OH 5 46] - SALISBURY RUN Upper RM: 2.50 / Lower RM: 0.00													
53.00	53.00	53.00	53.0	57.1(4.0)	57.1(4.0)	57.1(4.0)	2.10	2.10	2.10	1	LRW	Essentially None	High
[OH 5 47] - RANDOLPH RUN Upper RM: 2.80 / Lower RM: 0.00													
56.50	56.50	56.50	56.5	69.0(4.0)	69.0(4.0)	69.0(4.0)	2.20	2.20	2.20	1	LRW	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH 5 48] - NANCY RUN Upper RM: 5.30 / Lower RM: 0.00													
62.25	58.50	66.00	62.3	42.6(4.0)	42.6(4.0)	42.6(4.0)	7.50	7.50	7.50	2	CWH	High	Mod.
[OH 5 54] - YELLOW CREEK (TOWN FORK TO BRUSH CREEK) Upper RM: 8.75 / Lower RM: 4.55													
76.00	76.00	76.00	60.5	5.5(10)	5.5(10)	5.5(10)	147.00	147.00	147.00	1	WWH	Very High Quality	Low-Mod.
[OH 5 60] - YELLOW CREEK (ELKHORN CREEK TO TOWN FORK) Upper RM: 25.85 / Lower RM: 8.75													
53.50	53.50	53.50	60.5	10.9(10)	10.9(10)	10.9(10)	99.00	99.00	99.00	1	WWH	Moderate-High	Low-Mod.
[OH 5 71] - ELKHORN CREEK Upper RM: 8.90 / Lower RM: 0.00													
72.50	59.00	82.50	72.5	15.6(9.3)	8.3(8.0)	30.3(10)	25.07	7.00	34.10	3	EWH	High	Mod.-High
[OH 5 72] - STRAWCAMP RUN Upper RM: 4.80 / Lower RM: 0.00													
77.50	77.50	77.50	77.5	46.5(4.0)	46.5(4.0)	46.5(4.0)	5.00	5.00	5.00	1	EWH	Very High Quality	Low
[OH 5 73] - CENTER FORK Upper RM: 5.00 / Lower RM: 0.00													
71.50	71.00	72.00	71.5	22.0(8.0)	22.0(8.0)	22.0(8.0)	12.70	12.70	12.70	2	CWH	High	Mod.
[OH 5 74] - TRAIL RUN Upper RM: 1.90 / Lower RM: 0.00													
70.50	70.50	70.50	70.5	46.5(4.0)	46.5(4.0)	46.5(4.0)	3.00	3.00	3.00	1	CWH	High	Low
[OH 5 76] - YELLOW CREEK (HEADWATERS TO ELKHORN CREEK) Upper RM: 34.05 / Lower RM: 25.85													
75.25	75.00	75.50	60.5	9.1(10)	9.1(10)	9.1(10)	29.00	29.00	29.00	2	WWH	Very High Quality	Mod.
[OH 5 77] - WOLF CREEK Upper RM: 4.50 / Lower RM: 0.00													
62.00	62.00	62.00	62.0	14.7(8.0)	14.7(8.0)	14.7(8.0)	5.00	5.00	5.00	1	LRW	Essentially None	High
CENTRAL TRIBS (SHORT CREEK AND WHEELING CR.) - [Watershed QHEI: 60.3, N = 36]													
[OH 6 1] - MCMAHON CREEK (WILLIAMS CREEK TO OHIO RIVER) Upper RM: 12.74 / Lower RM: 0.00													
68.70	67.50	73.50	66.6	15.4(8.0)	14.3(8.0)	17.9(8.0)	71.80	51.00	85.00	5	WWH	High	High
[OH 6 1.1] - WILLIAMS CREEK Upper RM: 5.00 / Lower RM: 0.00													
70.00	70.00	70.00	70.0	83.3(4.0)	83.3(4.0)	83.3(4.0)	2.80	2.80	2.80	1	WWH	High	Low
[OH 6 5] - LITTLE MCMAHON CREEK Upper RM: 8.30 / Lower RM: 0.00													
63.33	52.50	69.50	63.3	56.5(4.0)	50.0(4.0)	62.5(4.0)	7.23	2.70	11.00	3	WWH; LRW	Essentially None	High
[OH 6 7] - KINGS RUN Upper RM: 2.20 / Lower RM: 0.00													
62.00	62.00	62.00	62.0	117.6(4.0)	117.6(4.0)	117.6(4.0)	1.00	1.00	1.00	1	LRW	Essentially None	High
[OH 6 8] - AULTS RUN Upper RM: 3.30 / Lower RM: 0.00													
51.00	51.00	51.00	51.0	66.7(4.0)	66.7(4.0)	66.7(4.0)	0.50	0.50	0.50	1	LRW	Essentially None	High
[OH 6 10] - MCMAHON CREEK (HEADWATERS TO WILLIAMS CREEK) Upper RM: 28.15 / Lower RM: 12.75													
63.88	57.50	73.00	66.6	23.9(9.5)	17.0(8.0)	40.0(10)	8.65	1.00	26.00	4	WWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH 6 11] - WILLIAMS CREEK Upper RM: 8.00 / Lower RM: 0.00													
67.50	61.50	73.50	67.5	30.8(6.0)	30.8(6.0)	30.8(6.0)	11.40	11.40	11.40	2	WWH	High	Mod.
[OH 6 30] - TOWN RUN Upper RM: 3.20 / Lower RM: 0.00													
59.25	58.50	60.00	59.3	100.0(4.0)	100.0(4.0)	100.0(4.0)	1.55	0.70	2.40	2	WWH	Moderate-High	Mod.
[OH 6 34] - WHEELING CREEK (HEADWATERS TO COX RUN) Upper RM: 31.50 / Lower RM: 15.38													
65.00	57.50	72.50	65.0	23.0(10)	16.7(10)	29.4(10)	7.65	1.90	13.40	2	LWH	High	Mod.
[OH 6 34.1] - TRIB. TO WHEELING CREEK (FLUSHING WWTP) Upper RM: 1.15 / Lower RM: 0.00													
48.25	44.50	52.00	48.3	57.5(6.0)	35.1(4.0)	80.0(8.0)	0.70	0.30	1.10	2	NONE	Moderate-High	Mod.
[OH 6 35] - COX RUN Upper RM: 5.20 / Lower RM: 0.00													
64.00	64.00	64.00	64.0	37.7(8.0)	37.7(8.0)	37.7(8.0)	3.00	3.00	3.00	1	WWH	High	Low
[OH 6 40] - CRABAPPLE CREEK Upper RM: 8.00 / Lower RM: 0.00													
61.50	53.50	65.50	61.5	36.9(7.3)	17.5(4.0)	64.5(10)	11.73	5.20	19.70	3	WWH; MWH-C	Essentially None	High
[OH 6 50] - SHORT CREEK (PINEY FORK TO OHIO RIVER) Upper RM: 8.24 / Lower RM: 0.00													
35.33	32.50	41.00	45.1	0.1(4.0)	0.1(4.0)	0.1(4.0)	147.00	147.00	147.00	3	LWH	Very Low	Mod.-High
[OH 6 57] - SHORT CREEK (NORTH FORK TO PINEY FORK) Upper RM: 19.43 / Lower RM: 8.24													
59.75	59.00	60.50	45.1	8.9(8.0)	5.7(8.0)	12.1(8.0)	73.00	60.00	86.00	2	LWH	Moderate-High	Mod.
[OH 6 58] - PINEY FORK Upper RM: 15.50 / Lower RM: 0.00													
56.00	56.00	56.00	56.0	16.5(10)	16.5(10)	16.5(10)	22.40	22.40	22.40	1	LWH	Moderate-High	Low
[OH 6 66] - GOOSE RUN Upper RM: 2.60 / Lower RM: 0.00													
78.00	78.00	78.00	78.0	80.0(4.0)	80.0(4.0)	80.0(4.0)	1.40	1.40	1.40	1	WWH	Very High Quality	Low
[OH 6 73] - MIDDLE FORK SHORT CREEK Upper RM: 9.30 / Lower RM: 0.00													
											MWH-A	Essentially None	High
[OH 6 73.1] - SALLY BUFFALO CREEK Upper RM: 4.25 / Lower RM: 0.00													
											MWH-A	Essentially None	High
[OH 6 75.1] - BLOCKHOUSE HOLLOW Upper RM: 2.27 / Lower RM: 0.00													
56.25	48.50	64.00	56.3	141.7(4.0)	116.7(4.0)	166.7(4.0)	2.20	2.20	2.20	2	LRW	Essentially None	High
CENTRAL TRIBS (MCMAHON, CAPTINA, SUNFISH CR.) - [Watershed QHEI: 66.3, N = 42]													
[OH 7 1] - SUNFISH CREEK (PINEY FORK TO OHIO RIVER) Upper RM: 14.68 / Lower RM: 0.00													
59.70	39.00	87.00	64.1	7.7(6.8)	0.1(4.0)	14.6(10)	105.16	99.00	113.80	5	WWH; EWH; WWH	Moderate-High	High
[OH 7 5] - SUNFISH CREEK (HEADWATERS TO PINEY FORK) Upper RM: 31.40 / Lower RM: 14.68													
68.40	47.50	78.50	64.1	17.7(8.4)	14.2(6.0)	24.2(10)	30.00	11.00	49.00	5	WWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH 7 6] - PINEY FORK Upper RM: 6.80 / Lower RM: 0.00													
67.75	66.50	69.00	67.8	27.0(8.0)	27.0(8.0)	27.0(8.0)	15.60	15.60	15.60	2	WWH	High	Mod.
[OH 7 7] - EAST FORK PINEY FORK Upper RM: 4.40 / Lower RM: 0.00													
50.25	38.00	62.50	50.3	41.7(7.0)	16.8(4.0)	66.7(10)	2.10	1.20	3.00	2	WWH	Moderate-High	Mod.
[OH 7 8] - STANDINGSTONE RUN Upper RM: 3.60 / Lower RM: 0.00													
60.75	59.00	62.50	60.8	61.5(4.0)	54.1(4.0)	69.0(4.0)	3.05	1.10	5.00	2	WWH; EWH	High	Mod.
[OH 7 10] - BAKER FORK Upper RM: 6.70 / Lower RM: 0.00													
61.00	61.00	61.00	61.0	33.9(6.0)	33.9(6.0)	33.9(6.0)	12.00	12.00	12.00	1	WWH	High	Low
[OH 7 18] - CAPTINA CREEK (BEND FORK TO OHIO RIVER) Upper RM: 18.02 / Lower RM: 0.00													
70.71	40.00	84.50	72.2	8.3(8.6)	0.1(4.0)	11.9(10)	150.00	125.00	180.00	7	EWH; WWH	High	High
[OH 7 19] - CAT RUN Upper RM: 7.20 / Lower RM: 0.00													
78.50	75.50	81.50	78.5	19.0(10)	11.8(10)	26.3(10)	10.50	8.00	13.00	2	WWH	Very High Quality	Mod.
[OH 7 24] - BEND FORK Upper RM: 13.00 / Lower RM: 0.00													
66.40	42.50	84.50	66.4	29.0(8.8)	15.6(4.0)	57.1(10)	12.32	1.20	27.00	5	WWH; EWH	High	High
[OH 7 28] - CAPTINA CREEK (NORTH/SOUTH FORKS TO BEND FORK) Upper RM: 25.42 / Lower RM: 18.02													
82.50	82.50	82.50	72.2	10.3(10)	10.3(10)	10.3(10)	91.00	91.00	91.00	1	EWH	Very High Quality	Low-Mod.
[OH 7 36] - NORTH FORK CAPTINA CREEK Upper RM: 11.75 / Lower RM: 0.00													
66.63	51.50	80.50	66.6	25.9(8.8)	14.9(4.0)	60.6(10)	13.93	1.90	33.00	8	WWH; EWH	High	High
[OH 7 39] - SOUTH FORK CAPTINA CREEK Upper RM: 14.00 / Lower RM: 0.00													
80.00	80.00	80.00	80.0	9.9(10)	9.9(10)	9.9(10)	36.00	36.00	36.00	1	WWH	Very High Quality	Low
[OH 7 47] - PIPE CREEK Upper RM: 7.20 / Lower RM: 0.00													
45.50	45.50	45.50	45.5	54.1(4.0)	54.1(4.0)	54.1(4.0)	11.00	11.00	11.00	1	LRW	Essentially None	High
[OH 7 48] - BIG RUN Upper RM: 4.50 / Lower RM: 0.00													
											LRW; LWH	Essentially None	High
[OH 7 50] - WEGEE CREEK Upper RM: 7.60 / Lower RM: 0.00													
											LRW	Essentially None	High
LITTLE MUSKINGUM RIVER - [Watershed QHEI: 72.4, N = 10]													
[OH 8 15] - LITTLE MUSKINGUM R. (CLEAR FK. TO FIFTEEN MILE CR) Upper RM: 34.47 / Lower RM: 14.75													
74.50	73.50	75.50	74.5	2.2(8.0)	2.2(8.0)	2.2(8.0)	243.50	234.00	253.00	2	EWH	High	Low-Mod.
[OH 8 18] - ARCHERS FORK Upper RM: 7.00 / Lower RM: 0.00													
58.00	58.00	58.00	58.0	14.1(10)	14.1(10)	14.1(10)	17.00	17.00	17.00	1	WWH	Moderate-High	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH 8 30] - WITTEN RUN Upper RM: 6.60 / Lower RM: 0.00													
63.00	60.50	65.50	63.0	32.1(8.0)	30.8(8.0)	33.3(8.0)	8.00	8.00	8.00	2	EWH	High	Mod.
[OH 8 38] - STRAIGHT FORK Upper RM: 9.80 / Lower RM: 0.00													
75.00	75.00	75.00	75.0	16.0(10)	16.0(10)	16.0(10)	7.80	7.80	7.80	1	WWH	Very High Quality	Low
[OH 8 44] - WITTEN FORK Upper RM: 11.20 / Lower RM: 0.00													
79.00	75.00	83.00	79.0	13.5(8.0)	13.5(8.0)	13.5(8.0)	42.50	42.00	43.00	2	WWH	Very High Quality	Low-Mod.
[OH 8 78] - LEITH RUN Upper RM: 8.40 / Lower RM: 0.00													
79.00	71.00	87.00	79.0	29.9(10)	29.9(10)	29.9(10)	6.80	6.80	6.80	2	EWH	Very High Quality	Mod.
DUCK CREEK - [Watershed QHEI: 53.9, N = 7]													
[OH 9 27] - WEST FORK DUCK CREEK (SALT RUN TO E. FK. DUCK CR.) Upper RM: 23.63 / Lower RM: 0.00													
55.08	45.50	66.50	53.9	3.3(6.0)	2.7(6.0)	3.9(6.0)	67.83	59.00	84.00	6	WWH	Moderate-High	High
[OH 9 29] - BUFFALO RUN Upper RM: 3.50 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH 9 32] - WEST FORK DUCK CREEK (HEADWATERS TO SALT RUN) Upper RM: 36.40 / Lower RM: 23.60													
46.50	46.50	46.50	53.9	5.0(6.0)	5.0(6.0)	5.0(6.0)	53.00	53.00	53.00	1	WWH	Moderate-High	Low-Mod.
UPPER TUSCARAWAS RIVER - [Watershed QHEI: 52.1, N = 98]													
[OH10 1] - TUSCARAWAS RIVER (PIGEON RUN TO SANDY CREEK) Upper RM: 86.70 / Lower RM: 73.10													
64.69	45.00	75.00	63.8	1.9(6.8)	1.2(6.0)	2.9(8.0)	564.38	539.00	586.00	8	WWH	Moderate - High	High
[OH10 1.3] - TRIB. TO TUSCARAWAS R. (RM 83.74) Upper RM: 6.09 / Lower RM: 0.00													
59.75	53.50	66.00	59.8	19.8(9.0)	12.1(8.0)	27.4(10)	7.25	7.00	7.50	2	NONE	Moderate	Mod.
[OH10 5] - TUSCARAWAS RIVER (NEWMAN CREEK TO PIGEON RUN) Upper RM: 91.90 / Lower RM: 86.70													
49.36	32.00	71.00	63.8	1.1(6.0)	1.0(6.0)	1.3(6.0)	511.57	478.00	520.00	7	WWH	Moderate-High	High
[OH10 9] - TUSCARAWAS RIVER (CHIPPEWA CREEK TO NEWMAN CREEK) Upper RM: 103.20 / Lower RM: 91.90													
65.50	60.00	74.50	63.8	1.4(6.7)	1.0(6.0)	2.1(8.0)	411.67	365.00	435.00	3	WWH	Moderate - High	High
[OH10 12] - NIMISILA CREEK Upper RM: 11.10 / Lower RM: 0.00													
65.38	54.00	80.00	65.4	13.1(8.5)	6.9(6.0)	25.7(10)	12.18	7.10	25.90	4	WWH	High	Mod.-High
[OH10 12.1] - TRIB. TO NIMISILA CREEK (RM 8.85) Upper RM: 3.80 / Lower RM: 0.00													
75.50	75.50	75.50	75.5	50.0(4.0)	50.0(4.0)	50.0(4.0)	2.50	2.50	2.50	1	NONE	Very High Quality	Low
[OH10 13] - CHIPPEWA CREEK (STEELE DITCH TO TUSCARAWAS RIVER) Upper RM: 12.80 / Lower RM: 0.00													
27.50	23.00	32.00	28.0	1.1(6.0)	1.1(6.0)	1.1(6.0)	167.00	146.00	188.00	2	MWH-C	Essentially None	High
[OH10 16] - RIVER STYX Upper RM: 10.10 / Lower RM: 0.00													
36.40	31.00	44.00	36.4	2.4(4.0)	1.3(4.0)	2.7(4.0)	23.28	14.00	28.40	5	WWH; MWH-C	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH10 19] - LITTLE CHIPPEWA CREEK Upper RM: 12.95 / Lower RM: 0.00													
34.00	31.00	37.00	34.0	3.2(5.0)	1.1(4.0)	5.3(6.0)	14.90	0.80	29.00	2	WWH	Very Low	Mod.
[OH10 20] - UNNAMED TRIB. TO LITTLE CHIPPEWA CREEK Upper RM: 1.37 / Lower RM: 0.00													
60.00	60.00	60.00	60.0	90.9(4.0)	90.9(4.0)	90.9(4.0)	1.00	1.00	1.00	1	WWH	High	Low
[OH10 21] - CHIPPEWA CREEK (HEADWATERS TO STEELE DITCH) Upper RM: 26.70 / Lower RM: 12.80													
29.00	29.00	29.00	28.0	3.4(6.0)	3.4(6.0)	3.4(6.0)	33.00	33.00	33.00	1	WWH; MWH-C	Essentially None	High
[OH10 26] - TUSCARAWAS RIVER (WOLF CREEK TO CHIPPEWA CREEK) Upper RM: 110.70 / Lower RM: 103.20													
44.89	17.00	56.50	63.8	1.4(6.0)	1.4(6.0)	1.4(6.0)	160.33	154.00	174.00	9	MWH-C	Essentially None	High
[OH10 28] - WOLF CREEK Upper RM: 13.10 / Lower RM: 0.00													
40.22	23.00	79.00	40.2	3.1(5.3)	2.5(4.0)	7.9(10)	55.11	21.00	77.00	9	WWH; MWH-C	Essentially None	High
[OH10 29] - HUDSON RUN Upper RM: 7.50 / Lower RM: 0.00													
51.00	33.00	70.00	51.0	12.9(10)	10.0(10)	18.2(10)	10.22	4.10	13.40	6	WWH; MWH-C	Essentially None	High
[OH10 30] - VAN HYNING RUN Upper RM: 4.60 / Lower RM: 0.00													
49.50	49.50	49.50	49.5	32.3(8.0)	32.3(8.0)	32.3(8.0)	5.00	5.00	5.00	1	WWH	Moderate-High	Low
[OH10 31] - PIGEON CREEK Upper RM: 8.60 / Lower RM: 0.00													
37.25	25.00	56.00	37.3	7.7(7.0)	3.7(6.0)	12.8(8.0)	13.58	1.30	24.00	4	WWH; MWH-C	Essentially None	High
[OH10 33] - TUSCARAWAS RIVER (HEADWATERS TO WOLF CREEK) Upper RM: 129.90 / Lower RM: 110.69													
50.50	26.00	81.00	63.8	2.2(4.0)	1.4(4.0)	2.5(4.0)	56.00	35.00	74.00	7	WWH; MWH-C	Essentially None	High
[OH10 33.2] - METZGERS DITCH Upper RM: 8.13 / Lower RM: 0.00													
60.73	49.00	73.00	62.3	1.2(6.0)	0.1(6.0)	9.8(6.0)	****.**	3.50	****.**	24	WWH	Moderate - High	High
[OH10 33.4] - TRIB. TO EAST RESERVOIR Upper RM: 2.96 / Lower RM: 0.00													
59.25	56.00	62.50	60.7	90.7(6.0)	38.5(4.0)	142.9(8.0)	0.55	0.50	0.60	2	NONE	Moderate-High	Mod.-High
NIMISHILLEN CREEK - [Watershed QHEI: 55.8, N = 109]													
[OH11 1] - SANDY CREEK (NIMISHILLEN CREEK TO TUSCARAWAS R.) Upper RM: 8.00 / Lower RM: 0.00													
64.00	64.00	64.00	73.3	1.1(6.0)	1.1(6.0)	1.1(6.0)	504.00	504.00	504.00	1	WWH	Moderate - High	Low-Mod.
[OH11 5] - NIMISHILLEN CREEK Upper RM: 14.70 / Lower RM: 0.00													
73.80	52.50	92.00	73.8	8.9(9.6)	6.3(8.0)	14.5(10)	150.05	96.00	186.00	20	WWH	High	High
[OH11 6] - HURFORD RUN Upper RM: 4.95 / Lower RM: 0.00													
41.64	20.00	77.00	41.6	23.4(7.9)	6.8(6.0)	38.5(10)	6.34	3.70	8.50	18	LRW; MWH-C; WWH	Essentially None	High
[OH11 6.1] - DOMER DITCH Upper RM: 3.21 / Lower RM: 0.00													
58.10	54.00	66.00	58.1	17.9(10)	17.9(10)	17.9(10)	2.34	2.30	2.40	5	WWH	Moderate-High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH11 7] - SHERRICK RUN Upper RM: 6.80 / Lower RM: 0.00													
53.17	35.50	72.00	53.2	16.6(9.3)	10.2(8.0)	23.8(10)	5.40	1.00	11.20	3	LRW; WWH	Essentially None	High
[OH11 7.2] - OSNABURG DITCH Upper RM: 1.50 / Lower RM: 0.00													
40.50	40.00	41.00	40.5	34.7(8.0)	32.3(8.0)	37.0(8.0)	1.00	1.00	1.00	2	MWH-C	Essentially None	High
[OH11 8] - WEST BRANCH NIMISHILLEN CREEK Upper RM: 9.00 / Lower RM: 0.00													
51.81	34.50	74.00	51.8	8.0(8.8)	6.6(8.0)	13.9(10)	38.75	16.00	46.00	8	WWH	Moderate-High	High
[OH11 8.1] - MCDOWELL DITCH Upper RM: 6.27 / Lower RM: 0.00													
34.00	25.00	41.00	34.0	8.4(8.0)	4.4(6.0)	12.8(10)	10.00	3.00	15.00	3	MWH-C	Essentially None	High
[OH11 8.2] - HOOVER DITCH Upper RM: 1.23 / Lower RM: 0.00													
48.00	48.00	48.00	48.0	11.6(8.0)	11.6(8.0)	11.6(8.0)	1.50	1.50	1.50	1	LRW	Essentially None	High
[OH11 8.3] - ZIMBER DITCH Upper RM: 4.46 / Lower RM: 0.00													
47.31	33.00	56.00	47.3	13.2(8.5)	10.1(8.0)	17.5(10)	6.38	4.00	9.00	8	WWH; MWH-C	Essentially None	High
[OH11 10] - MIDDLE BRANCH NIMISHILLEN CREEK Upper RM: 16.60 / Lower RM: 0.00													
54.67	37.50	71.00	54.7	4.4(6.0)	3.5(6.0)	7.9(6.0)	31.50	9.00	46.00	6	WWH	Moderate-High	High
[OH11 10.1] - SWARTZ DITCH Upper RM: 8.10 / Lower RM: 0.00													
35.17	31.00	43.50	35.2	3.0(4.0)	3.0(4.0)	3.0(4.0)	8.67	5.50	13.00	3	MWH-C	Essentially None	High
[OH11 10.2] - GUILLEY DITCH (HARTVILLE) Upper RM: 4.00 / Lower RM: 0.00													
34.33	27.00	44.00	34.3	9.6(7.3)	5.5(6.0)	17.9(10)	1.87	0.50	4.00	3	MWH-C	Essentially None	High
[OH11 11] - EAST BRANCH NIMISHILLEN CREEK Upper RM: 10.40 / Lower RM: 0.00													
66.83	51.00	81.50	66.8	8.5(10)	7.2(10)	12.2(10)	29.43	12.00	47.00	18	WWH	High	High
[OH11 11.3] - TRIB. TO EAST BRANCH NIMISHILLEN CREEK Upper RM: 3.98 / Lower RM: 0.00													
44.00	39.00	49.00	44.0	16.2(8.0)	8.6(6.0)	23.8(10)	3.00	2.50	3.50	2	NONE	Low	Mod.
[OH11 16] - SANDY CREEK (STILL FORK TO LITTLE SANDY CREEK) Upper RM: 29.10 / Lower RM: 17.40													
80.75	78.50	83.00	73.3	8.3(10)	7.6(10)	9.1(10)	148.50	135.00	162.00	2	WWH	Very High Quality	Mod.
[OH11 21] - STILL FORK SANDY CREEK Upper RM: 16.10 / Lower RM: 0.00													
39.50	29.50	49.00	39.5	0.5(2.7)	0.1(2.0)	1.4(4.0)	63.67	50.00	71.00	3	WWH	Very Low	Mod.-High
[OH11 28] - SANDY CREEK (HEADWATERS TO STILL FORK) Upper RM: 34.00 / Lower RM: 29.07													
71.33	66.50	77.00	73.3	8.1(10)	6.9(10)	9.1(10)	54.53	38.60	63.00	3	WWH	High	High
CONOTTON CREEK - [Watershed QHEI: 59.2, N = 3]													
[OH12 1] - CONOTTON CREEK (INDIAN FORK TO TUSCARAWAS RIVER) Upper RM: 12.00 / Lower RM: 0.00													
43.00	43.00	43.00	53.8	1.3(6.0)	1.3(6.0)	1.3(6.0)	286.00	286.00	286.00	1	WWH	Very Low	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH12 19] - CONOTTON CREEK (HEADWATERS TO MCQUIRE CREEK) Upper RM: 43.83 / Lower RM: 20.58													
64.50	64.50	64.50	53.8	3.0(6.0)	3.0(6.0)	3.0(6.0)	90.00	90.00	90.00	1	WWH	High	Low-Mod.
[OH12 23] - IRISH CREEK Upper RM: 7.60 / Lower RM: 0.00													
70.00	70.00	70.00	70.0	10.5(10)	10.5(10)	10.5(10)	15.00	15.00	15.00	1	WWH	High	Low
SUGAR CREEK - [Watershed QHEI: 54.6, N = 20]													
[OH13 1] - SUGAR CREEK (S. FK. SUGAR CR. TO TUSCARAWAS R.) Upper RM: 12.30 / Lower RM: 0.00													
72.00	59.50	78.50	68.4	6.3(10)	6.0(10)	6.5(10)	345.50	337.00	356.00	6	WWH	High	High
[OH13 1.1] - GOETTGE RUN Upper RM: 5.14 / Lower RM: 0.00													
44.00	37.50	50.50	44.0	18.0(9.0)	14.3(8.0)	21.7(10)	4.30	4.00	4.60	2	NONE	Low	Mod.
[OH13 2] - BRANDYWINE CREEK Upper RM: 3.50 / Lower RM: 0.00													
47.00	47.00	47.00	47.0	9.8(6.0)	9.8(6.0)	9.8(6.0)	5.50	5.50	5.50	1	WWH	Moderate	Low
[OH13 9.3] - TRIB. TO S. FK. SUGAR CREEK (RM 14.15) Upper RM: 3.30 / Lower RM: 0.00													
27.50	26.00	29.00	27.5	15.6(10)	15.6(10)	15.6(10)	2.75	2.30	3.20	2	NONE	Essentially None	Mod.
[OH13 17] - MIDDLE FORK SUGAR CREEK Upper RM: 23.00 / Lower RM: 0.00													
59.00	59.00	59.00	59.0	4.6(6.0)	4.6(6.0)	4.6(6.0)	63.00	63.00	63.00	1	WWH	Moderate-High	Low
[OH13 20] - SUGAR CREEK (HEADWATERS TO M. FK. SUGAR CREEK) Upper RM: 45.00 / Lower RM: 19.40													
47.00	47.00	47.00	68.4	2.3(4.0)	2.3(4.0)	2.3(4.0)	88.00	88.00	88.00	1	WWH	Moderate-High	Low-Mod.
[OH13 21] - NORTH FORK SUGAR CREEK Upper RM: 6.80 / Lower RM: 0.00													
48.08	33.00	60.50	48.1	36.0(7.3)	19.1(4.0)	54.1(10)	5.08	3.40	8.20	6	WWH	Moderate	High
[OH13 22] - LITTLE SUGAR CREEK Upper RM: 10.60 / Lower RM: 0.00													
74.50	74.50	74.50	74.5	10.3(8.0)	10.3(8.0)	10.3(8.0)	9.00	9.00	9.00	1	WWH	High	Low
STILLWATER CREEK - [Watershed QHEI: 45.4, N = 19]													
[OH14 1] - STILLWATER CREEK (BRUSHY CREEK TO TUSCARAWAS R.) Upper RM: 25.80 / Lower RM: 0.00													
44.00	44.00	44.00	45.4	1.5(6.0)	1.5(6.0)	1.5(6.0)	483.00	483.00	483.00	1	WWH	Very Low	Low-Mod.
[OH14 28] - STILLWATER CREEK (BOGGS FORK TO BRUSHY FORK) Upper RM: 38.30 / Lower RM: 25.80													
45.75	38.50	53.00	45.4	2.3(8.0)	2.3(8.0)	2.3(8.0)	172.00	130.00	192.00	4	LWH	Moderate-High	Mod.-High
[OH14 29] - ATKINSON CREEK Upper RM: 6.30 / Lower RM: 0.00													
61.50	50.00	73.00	61.5	6.5(10)	6.5(10)	6.5(10)	12.35	12.30	12.40	2	WWH	High	Mod.
[OH14 30] - CRABORCHARD CREEK Upper RM: 6.70 / Lower RM: 0.00													
44.00	20.50	63.50	44.0	9.4(9.6)	8.4(6.0)	9.5(10)	9.95	6.30	11.50	10	WWH	Low	High
[OH14 31] - SKULL FORK Upper RM: 17.50 / Lower RM: 0.00													
36.00	29.50	42.50	36.0	7.4(8.0)	7.4(6.0)	7.4(10)	10.85	7.30	14.40	2	LWH	Low	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max				
LOWER TUSCARAWAS RIVER - [Watershed QHEI: 74.5, N = 32]													
[OH15 1] - TUSCARAWAS RIVER (EVANS CREEK TO WALHONDING RIVER) Upper RM: 14.80 / Lower RM: 0.00													
77.71	69.50	89.00	63.8	2.1(10)	1.7(10)	2.6(10)	2589.86	999.00	2596.00	7	EWB	Very High Quality	High
[OH15 3] - WHITE EYES CREEK Upper RM: 10.00 / Lower RM: 0.00													
51.50	51.50	51.50	51.5	2.3(4.0)	2.3(4.0)	2.3(4.0)	53.00	53.00	53.00	1	WWH	Moderate-High	Low
[OH15 10] - TUSCARAWAS RIVER (DUNLOP CREEK TO EVANS CREEK) Upper RM: 25.30 / Lower RM: 14.80													
87.67	83.50	91.00	63.8	2.0(10)	1.7(10)	2.2(10)	2454.00	999.00	2473.00	3	EWB	Extremely High	High
[OH15 19] - TUSCARAWAS RIVER (STILLWATER CREEK TO DUNLOP CR.) Upper RM: 47.00 / Lower RM: 25.30													
77.00	54.00	93.50	63.8	1.8(10)	1.7(10)	2.0(10)	2375.20	999.00	2388.00	5	EWB	Very High	High
[OH15 24] - TUSCARAWAS RIVER (SUGAR CREEK TO STILLWATER CREEK) Upper RM: 58.07 / Lower RM: 47.05													
73.14	64.00	83.00	63.8	2.5(10)	2.4(10)	2.8(10)	1809.43	999.00	1870.00	7	WWH	High	High
[OH15 31] - TUSCARAWAS RIVER (CONOTTON CREEK TO SUGAR CREEK) Upper RM: 65.50 / Lower RM: 58.10													
62.20	45.00	85.00	63.8	0.8(8.4)	0.1(6.0)	1.2(10)	1406.60	999.00	1411.00	5	WWH	Moderate - High	High
[OH15 32] - TUSCARAWAS RIVER (SANDY CREEK TO CONOTTON CREEK) Upper RM: 73.10 / Lower RM: 65.50													
79.00	68.00	90.00	63.8	1.2(10)	1.2(10)	1.2(10)	1098.00	999.00	1103.00	4	WWH	Extremely High	High
BLACK FORK, CLEAR FORK, ROCKY FORK MOHICAN R. - [Watershed QHEI: 59.5, N = 36]													
[OH16 15] - CLEAR FORK MOHICAN R. (HEADWATERS TO CEDAR FORK) Upper RM: 36.80 / Lower RM: 21.40													
68.50	68.50	68.50	68.5	35.7(8.0)	35.7(8.0)	35.7(8.0)	6.80	6.80	6.80	1	WWH; CWH	High	Low
[OH16 16] - BLACK FORK MOHICAN R. (ROCKY FORK TO CLEAR FORK) Upper RM: 14.00 / Lower RM: 0.00													
74.17	58.00	87.00	59.2	3.5(8.0)	2.8(8.0)	3.9(8.0)	345.67	332.00	356.00	3	WWH	High	High
[OH16 19] - ROCKY FORK MOHICAN RIVER Upper RM: 19.60 / Lower RM: 0.00													
61.61	38.00	82.50	61.6	9.3(8.0)	5.2(6.0)	19.8(10)	32.72	7.40	76.00	9	WWH	High	High
[OH16 20] - TOUBY RUN Upper RM: 5.30 / Lower RM: 0.00													
48.00	48.00	48.00	48.0	12.2(10)	12.2(10)	12.2(10)	10.00	10.00	10.00	1	WWH	Moderate	Low
[OH16 23] - BLACK FK MOHICAN R(LEATHERWOOD CR TO WHETSTONE CR) Upper RM: 44.90 / Lower RM: 31.00													
53.00	53.00	53.00	59.2	2.5(4.0)	2.5(4.0)	2.5(4.0)	83.00	83.00	83.00	1	WWH	Moderate-High	Low-Mod.
[OH16 23.1] - FLEMING FALLS CREEK Upper RM: 4.50 / Lower RM: 0.00													
63.67	54.00	76.00	63.7	49.4(5.7)	12.8(4.0)	83.3(10)	1.82	0.40	3.50	6	WWH	High	High
[OH16 23.11] - TRIB TO FLEMING FALLS CREEK Upper RM: 1.50 / Lower RM: 0.00													
62.17	57.50	65.00	62.2	100.7(4.0)	90.9(4.0)	111.1(4.0)	0.73	0.70	0.80	3	WWH	High	Mod.-High
[OH16 28] - BLACK FK MOHICAN R.(HEADWATERS TO LEATHERWOOD CR.) Upper RM: 58.40 / Lower RM: 44.85													
54.83	37.50	86.00	59.2	7.0(8.0)	3.9(6.0)	11.0(10)	47.44	35.00	69.00	9	WWH	Moderate-High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH16 28.1] - TUBY RUN Upper RM: 4.40 / Lower RM: 0.00													
44.83	41.00	48.00	44.8	10.8(8.0)	10.8(8.0)	10.8(8.0)	2.87	2.80	2.90	3	WWH	Low	Mod.-High
LAKE FORK, JEROME FORK, MUDDY FORK MOHICAN R. - [Watershed QHEI: 63.5, N = 15]													
[OH17 10] - MUDDY FORK MOHICAN RIVER Upper RM: 28.90 / Lower RM: 0.00													
58.75	51.00	66.50	58.8	6.7(8.0)	4.7(6.0)	8.6(10)	31.00	20.00	42.00	2	WWH	Moderate-High	Low-Mod.
[OH17 14] - JEROME FORK MOHICAN R. (LANG CREEK TO LAKE FORK) Upper RM: 12.28 / Lower RM: 0.00													
62.00	50.00	70.00	62.0	3.5(6.5)	1.9(4.0)	5.1(8.0)	91.00	73.00	120.00	4	WWH	High	High
[OH17 21] - LANG CREEK Upper RM: 9.30 / Lower RM: 0.00													
71.17	70.50	72.00	71.2	7.5(10)	7.5(10)	7.5(10)	20.00	14.00	32.00	3	WWH	High	Mod.-High
[OH17 22] - JAMISON CREEK Upper RM: 5.40 / Lower RM: 0.00													
71.25	68.00	74.50	71.3	19.8(10)	11.1(10)	28.6(10)	9.50	6.00	13.00	2	WWH	High	Mod.
[OH17 22.1] - TRIB. TO JAMISON CREEK Upper RM: 1.20 / Lower RM: 0.00													
48.00	48.00	48.00	48.0	45.5(4.0)	45.5(4.0)	45.5(4.0)	0.30	0.30	0.30	1	LRW	Essentially None	High
[OH17 23] - TOWN RUN Upper RM: 5.60 / Lower RM: 0.00													
59.00	59.00	59.00	59.0	33.3(8.0)	33.3(8.0)	33.3(8.0)	6.00	6.00	6.00	1	WWH	Moderate-High	Low
[OH17 24] - JEROME FORK (LEIDIGH MILL/ORANGE CR. TO LANG CR.) Upper RM: 14.80 / Lower RM: 12.30													
62.00	62.00	62.00	62.0	4.2(6.0)	4.2(6.0)	4.2(6.0)	38.00	38.00	38.00	2	WWH	High	Mod.
KOKOSING RIVER - [Watershed QHEI: 78.4, N = 25]													
[OH18 1] - KOKOSING RIVER (JELLOWAY CREEK TO MOHICAN RIVER) Upper RM: 11.40 / Lower RM: 0.00													
91.00	87.00	93.50	80.0	5.2(10)	4.4(10)	6.3(10)	470.33	455.00	483.00	3	EWH	Extremely High	High
[OH18 5] - JELLOWAY CREEK Upper RM: 13.30 / Lower RM: 0.00													
68.75	59.00	78.50	68.8	10.8(10)	10.0(10)	11.6(10)	44.25	37.50	51.00	2	EWH	High	Low-Mod.
[OH18 6] - LITTLE JELLOWAY CREEK Upper RM: 10.50 / Lower RM: 0.00													
82.50	82.50	82.50	82.5	22.2(8.0)	22.2(8.0)	22.2(8.0)	17.50	17.50	17.50	1	EWH	Very High Quality	Low
[OH18 7] - EAST BRANCH JELLOWAY CREEK Upper RM: 4.60 / Lower RM: 0.00													
75.00	75.00	75.00	75.0	14.8(8.0)	14.8(8.0)	14.8(8.0)	4.80	4.80	4.80	1	EWH	Very High Quality	Low
[OH18 12] - KOKOSING RIVER (WOLF RUN TO JELLOWAY CREEK) Upper RM: 21.40 / Lower RM: 11.40													
84.50	76.00	97.50	80.0	4.7(9.3)	2.7(8.0)	6.3(10)	319.67	264.00	379.00	3	EWH	Extremely High	High
[OH18 14] - SCHENCK CREEK Upper RM: 12.10 / Lower RM: 0.00													
86.00	86.00	86.00	86.0	16.7(10)	16.7(10)	16.7(10)	39.30	39.30	39.30	1	EWH	Very High Quality	Low
[OH18 22] - KOKOSING RIVER (N. BR. KOKOSING R. TO WOLF RUN) Upper RM: 29.70 / Lower RM: 21.40													
84.75	78.00	91.50	80.0	4.4(9.5)	3.1(8.0)	5.2(10)	242.50	202.00	260.00	4	EWH	Extremely High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH18 27] - NORTH BRANCH KOKOSING RIVER Upper RM: 18.30 / Lower RM: 0.00													
74.63	57.00	87.50	74.6	5.1(7.0)	3.7(6.0)	5.6(8.0)	71.25	29.00	87.00	4	WWH	High	Mod.-High
[OH18 34] - KOKOSING RIVER (HEADWATERS TO N. BR. KOKOSING R.) Upper RM: 57.20 / Lower RM: 29.70													
69.08	36.50	87.50	80.0	5.5(7.3)	2.8(6.0)	10.3(10)	51.98	14.50	100.00	6	EWH	High	High
KILLBUCK CREEK - [Watershed QHEI: 61.6, N = 53]													
[OH19 2] - BUCKLEW RUN Upper RM: 3.90 / Lower RM: 0.00													
50.50	50.50	50.50	50.5	12.4(8.0)	12.4(8.0)	12.4(8.0)	8.10	8.10	8.10	1	EWH	Moderate	Low
[OH19 4] - DOUGHTY CREEK Upper RM: 20.10 / Lower RM: 0.00													
66.50	53.50	81.50	66.5	14.1(7.4)	3.1(6.0)	18.9(8.0)	28.57	14.00	59.00	7	WWH	High	High
[OH19 4.1] - TRIB. TO DOUGHTY CREEK (RM 14.34) Upper RM: 2.60 / Lower RM: 0.00													
51.00	51.00	51.00	51.0	28.6(10)	28.6(10)	28.6(10)	3.40	3.40	3.40	1	WWH	Moderate-High	Low
[OH19 8] - KILLBUCK CREEK (BLACK CREEK TO DOUGHTY CREEK) Upper RM: 25.20 / Lower RM: 15.70													
39.25	36.50	42.00	58.2	1.2(6.0)	1.2(6.0)	1.2(6.0)	463.00	463.00	463.00	2	WWH	Very Low	Mod.
[OH19 9] - BIG RUN Upper RM: 6.40 / Lower RM: 0.00													
52.00	52.00	52.00	52.0	12.6(10)	12.6(10)	12.6(10)	11.80	11.80	11.80	1	EWH	Moderate-High	Low
[OH19 12] - WOLF CREEK Upper RM: 9.00 / Lower RM: 0.00													
67.00	67.00	67.00	67.0	9.8(10)	9.8(10)	9.8(10)	23.80	23.80	23.80	1	WWH	High	Low
[OH19 23] - KILLBUCK CREEK (SALT CREEK TO SAPPES RUN) Upper RM: 37.60 / Lower RM: 31.30													
75.17	73.00	77.50	58.2	2.8(8.0)	2.8(8.0)	2.8(8.0)	367.00	367.00	367.00	3	WWH	Very High Quality	High
[OH19 26] - MARTINS CREEK Upper RM: 8.30 / Lower RM: 0.00													
63.00	63.00	63.00	63.0	18.3(8.0)	18.3(8.0)	18.3(8.0)	23.80	23.80	23.80	1	WWH	High	Low
[OH19 27] - PAINT CREEK Upper RM: 9.00 / Lower RM: 0.00													
84.00	84.00	84.00	84.0	16.8(10)	16.8(10)	16.8(10)	18.10	18.10	18.10	1	EWH	Very High Quality	Low
[OH19 29] - SALT CREEK Upper RM: 11.60 / Lower RM: 0.00													
60.50	60.50	60.50	60.5	29.9(8.0)	29.9(8.0)	29.9(8.0)	18.00	18.00	18.00	1	WWH	High	Low
[OH19 30] - NORTH BRANCH SALT CREEK Upper RM: 4.70 / Lower RM: 0.00													
69.00	69.00	69.00	69.0	31.8(6.0)	31.8(6.0)	31.8(6.0)	11.30	11.30	11.30	1	WWH	High	Low
[OH19 31] - KILLBUCK CREEK (APPLE CREEK TO SALT CREEK) Upper RM: 49.80 / Lower RM: 37.60													
52.45	35.50	64.00	58.2	1.7(6.4)	1.5(6.0)	2.7(8.0)	217.18	190.00	255.00	11	WWH	Low - Moderate	High
[OH19 35] - SHREVE CREEK Upper RM: 7.50 / Lower RM: 0.00													
54.00	45.50	62.50	54.0	10.1(6.0)	0.1(2.0)	20.0(10)	10.15	7.00	13.30	2	WWH	Moderate-High	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH19 36] - APPLE CREEK Upper RM: 11.70 / Lower RM: 0.00													
72.25	61.00	77.00	72.3	14.9(8.5)	8.4(8.0)	19.2(10)	37.75	24.00	55.20	4	WWH	High	Mod.-High
[OH19 38] - KILLBUCK CREEK (SHADE CREEK TO APPLE CREEK) Upper RM: 60.60 / Lower RM: 49.80													
66.00	51.00	77.00	58.2	7.3(9.1)	2.7(8.0)	10.8(10)	97.57	64.00	137.00	7	WWH	High	High
[OH19 40] - LITTLE KILLBUCK CREEK Upper RM: 9.00 / Lower RM: 0.00													
63.67	56.00	69.50	63.7	25.0(8.0)	19.6(8.0)	35.7(8.0)	15.63	6.30	20.60	3	WWH	High	Mod.-High
[OH19 43] - SHADE CREEK Upper RM: 3.40 / Lower RM: 0.00													
47.50	47.50	47.50	47.5	45.5(4.0)	45.5(4.0)	45.5(4.0)	4.20	4.20	4.20	1	WWH	Moderate	Low
[OH19 44] - KILLBUCK CREEK (HEADWATERS TO SHADE CREEK) Upper RM: 81.70 / Lower RM: 60.61													
56.00	50.50	61.50	58.2	10.1(10)	9.1(10)	11.1(10)	25.50	14.50	36.50	2	WWH	Moderate-High	Mod.
[OH19 47] - CAMEL CREEK Upper RM: 7.60 / Lower RM: 0.00													
71.17	68.00	73.00	71.2	16.3(8.7)	8.2(8.0)	20.4(10)	10.43	9.50	12.30	3	WWH	High	Mod.-High
UPPER MUSKINGUM RIVER AND WAKATOMIKA CREEK - [Watershed QHEI: 75.0, N = 51]													
[OH20 1] - MUSKINGUM RIVER (WILLS CREEK TO SYMMES CREEK) Upper RM: 99.30 / Lower RM: 87.10													
71.50	62.00	83.00	67.0	1.7(10)	1.4(10)	2.0(10)	5867.50	999.00	5993.00	4	WWH	Moderate - High	High
[OH20 2] - WAKATOMIKA CREEK (BRUSHY FORK TO MUSKINGUM RIVER) Upper RM: 19.70 / Lower RM: 0.00													
72.67	59.00	92.00	74.4	3.3(8.4)	2.9(8.0)	4.2(10)	176.78	140.00	231.00	9	EWH	High	High
[OH20 5] - MOSCOW BROOK Upper RM: 6.30 / Lower RM: 0.00													
60.00	60.00	60.00	60.0	18.7(10)	18.7(10)	18.7(10)	6.80	6.80	6.80	1	WWH	High	Low
[OH20 11] - FIVEMILE RUN Upper RM: 6.10 / Lower RM: 0.00													
75.00	75.00	75.00	75.0	15.2(10)	15.2(10)	15.2(10)	10.10	10.10	10.10	1	EWH	Very High Quality	Low
[OH20 13] - WAKATOMIKA CREEK (HEADWATERS TO BRUSHY FORK) Upper RM: 42.60 / Lower RM: 19.70													
82.00	82.00	82.00	74.4	11.0(10)	11.0(10)	11.0(10)	19.70	19.70	19.70	2	EWH	Very High Quality	Mod.-High
[OH20 14] - BRUSHY FORK Upper RM: 8.30 / Lower RM: 0.00													
56.00	56.00	56.00	56.0	7.1(10)	7.1(10)	7.1(10)	13.10	13.10	13.10	1	EWH	Moderate-High	Low
[OH20 16] - WINDING FORK Upper RM: 8.00 / Lower RM: 0.00													
74.50	74.50	74.50	74.5	9.9(10)	9.9(10)	9.9(10)	19.10	19.10	19.10	1	EWH	High	Low
[OH20 22] - MUSKINGUM RIVER (TUSC./WALHOND. R. TO WILLS CREEK) Upper RM: 111.13 / Lower RM: 99.30													
74.85	60.00	90.50	67.0	1.8(10)	1.7(10)	2.0(10)	4869.54	999.00	4883.00	13	WWH	Moderate - High	High
[OH20 24] - WALHONDING RIVER (KILLBUCK CREEK TO TUSCARAWAS R.) Upper RM: 7.30 / Lower RM: 0.00													
90.75	83.00	98.00	87.5	4.3(10)	4.3(10)	4.3(10)	2234.00	999.00	2255.00	6	EWH	Extremely High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH20 25] - MILL CREEK Upper RM: 18.00 / Lower RM: 0.00													
58.75	56.50	61.00	58.8	6.1(9.0)	5.1(8.0)	7.1(10)	34.75	18.50	51.00	2	EWB	Moderate-High	Low-Mod.
[OH20 26] - SPOON CREEK Upper RM: 5.90 / Lower RM: 0.00													
50.00	50.00	50.00	50.0	14.1(8.0)	14.1(8.0)	14.1(8.0)	8.00	8.00	8.00	1	WWH	Moderate-High	Low
[OH20 27] - TURKEY RUN Upper RM: 4.10 / Lower RM: 0.00													
65.00	65.00	65.00	65.0	29.4(10)	29.4(10)	29.4(10)	5.50	5.50	5.50	1	EWB	High	Low
[OH20 28] - LITTLE MILL CREEK Upper RM: 6.20 / Lower RM: 0.00													
61.00	61.00	61.00	61.0	15.2(10)	15.2(10)	15.2(10)	8.60	8.60	8.60	1	EWB	High	Low
[OH20 31] - WALHONDING R. (MOHICAN/KOKOSING R. TO KILLBUCK CR) Upper RM: 23.20 / Lower RM: 7.30													
84.33	71.50	92.50	87.5	4.5(10)	3.3(10)	5.7(10)	1540.50	999.00	1576.00	6	EWB	Extremely High	High
[OH20 34] - BEAVER RUN Upper RM: 8.10 / Lower RM: 0.00													
68.25	57.50	79.00	57.5	19.9(9.0)	14.7(8.0)	25.0(10)	4.55	3.90	5.20	2	EWB	High	
WILLS CREEK - [Watershed QHEI: 46.9, N = 71]													
[OH21 1] - WILLS CREEK (WHITE EYES CREEK TO MUSKINGUM RIVER) Upper RM: 15.10 / Lower RM: 0.00													
68.50	66.00	71.00	44.5	1.5(10)	1.5(10)	1.5(10)	853.00	853.00	853.00	2	WWH	Moderate - High	Mod.
[OH21 6] - WILLS CREEK (BIRDS RUN TO WHITE EYES CREEK) Upper RM: 31.40 / Lower RM: 15.10													
36.25	35.50	37.00	44.5	0.3(6.0)	0.3(6.0)	0.3(6.0)	738.00	738.00	738.00	2	WWH	Very Low	Mod.
[OH21 14] - WILLS CREEK (SALT FORK TO BIRDS RUN) Upper RM: 50.20 / Lower RM: 31.40													
37.75	33.00	42.00	44.5	0.3(5.0)	0.3(4.0)	0.3(6.0)	612.50	554.00	671.00	4	WWH	Very Low	High
[OH21 19] - SALT FORK Upper RM: 32.00 / Lower RM: 0.00													
40.50	40.50	40.50	40.5	2.7(6.0)	2.7(6.0)	2.7(6.0)	47.00	47.00	47.00	1	WWH	Low	Low
[OH21 20] - SUGARTREE FORK Upper RM: 15.00 / Lower RM: 0.00													
63.79	41.50	78.50	63.8	13.2(10)	6.0(10)	20.0(10)	12.19	5.00	19.80	7	WWH	High	High
[OH21 21] - ROCKY FORK Upper RM: 9.20 / Lower RM: 0.00													
44.00	44.00	44.00	44.0	5.5(6.0)	5.5(6.0)	5.5(6.0)	14.40	14.40	14.40	1	WWH	Very Low	Low
[OH21 22] - YELLOW WATER CREEK Upper RM: 3.40 / Lower RM: 0.00													
59.50	59.50	59.50	59.5	17.5(10)	17.5(10)	17.5(10)	4.90	4.90	4.90	1	WWH	Moderate	Low
[OH21 23] - CLEAR FORK Upper RM: 7.20 / Lower RM: 0.00													
47.00	47.00	47.00	47.0	7.3(10)	7.3(10)	7.3(10)	13.30	13.30	13.30	1	WWH	Moderate	Low
[OH21 24] - TURKEY RUN Upper RM: 2.30 / Lower RM: 0.00													
56.75	21.50	76.00	56.8	29.9(9.0)	27.0(8.0)	32.8(10)	2.45	2.20	2.90	4	WWH	Moderate	Mod.-High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH21 25] - BEEHAM RUN Upper RM: 3.00 / Lower RM: 0.00													
48.00	48.00	48.00	48.0	35.1(8.0)	35.1(8.0)	35.1(8.0)	2.10	2.10	2.10	1	WWH	Moderate	Low
[OH21 26] - BRUSHY FORK Upper RM: 7.50 / Lower RM: 0.00													
36.00	36.00	36.00	36.0	6.7(10)	6.7(10)	6.7(10)	32.80	32.80	32.80	1	WWH	Low	Low
[OH21 27] - CHRISTIAN CREEK Upper RM: 1.90 / Lower RM: 0.00													
25.00	25.00	25.00	25.0	16.0(10)	16.0(10)	16.0(10)	1.40	1.40	1.40	1	WWH	Essentially None	Low
[OH21 28] - COON RUN Upper RM: 1.90 / Lower RM: 0.00													
39.00	39.00	39.00	39.0	23.8(10)	23.8(10)	23.8(10)	1.80	1.80	1.80	1	WWH	Low	Low
[OH21 29] - WILLS CREEK (LEATHERWOOD CREEK TO SALT FORK) Upper RM: 65.00 / Lower RM: 50.20													
48.73	36.50	61.00	44.5	0.3(4.0)	0.3(4.0)	0.3(4.0)	440.08	407.00	486.00	13	WWH	Low - Moderate	High
[OH21 38] - LEATHERWOOD CREEK Upper RM: 28.60 / Lower RM: 0.00													
45.90	34.00	59.00	45.9	3.6(5.2)	0.3(2.0)	8.7(10)	47.40	15.00	91.00	5	WWH	Moderate-High	High
[OH21 43] - WILLS CREEK (BUFFALO FORK TO LEATHERWOOD CREEK) Upper RM: 81.47 / Lower RM: 64.98													
38.70	32.00	52.00	44.5	0.3(4.0)	0.3(4.0)	0.3(4.0)	297.00	281.00	314.00	10	WWH	Very Low	High
[OH21 44] - CHAPMAN RUN Upper RM: 6.90 / Lower RM: 0.00													
42.90	16.50	67.00	42.9	3.3(4.4)	0.1(2.0)	10.5(8.0)	14.30	6.80	19.30	5	WWH	Very Low	High
[OH21 61] - BUFFALO FORK Upper RM: 8.80 / Lower RM: 0.00													
43.83	39.00	48.00	43.8	3.0(5.3)	1.9(4.0)	3.6(6.0)	52.97	32.00	69.40	3	WWH	Low	Mod.-High
[OH21 61.1] - TRIB. TO BUFFALO FORK (CUMBERLAND) Upper RM: 2.55 / Lower RM: 0.00													
23.50	23.50	23.50	23.5	22.2(10)	22.2(10)	22.2(10)	0.80	0.80	0.80	1	LRW	Essentially None	High
[OH21 62] - CRANE RUN Upper RM: 2.40 / Lower RM: 0.00													
48.00	48.00	48.00	48.0	8.3(6.0)	8.3(6.0)	8.3(6.0)	3.10	3.10	3.10	1	WWH	Moderate	Low
[OH21 63] - YOKER CREEK Upper RM: 7.50 / Lower RM: 0.00													
57.75	43.50	72.00	57.8	5.0(7.0)	2.9(4.0)	7.1(10)	17.20	11.60	22.80	2	WWH	Moderate	Mod.
[OH21 69] - COLLINS FORK Upper RM: 5.30 / Lower RM: 0.00													
45.00	45.00	45.00	45.0	20.8(10)	20.8(10)	20.8(10)	6.00	6.00	6.00	1	WWH	Low	Low
[OH21 70] - MILLER CREEK Upper RM: 4.50 / Lower RM: 0.00													
45.00	45.00	45.00	45.0	8.3(10)	8.3(10)	8.3(10)	11.60	11.60	11.60	1	WWH	Low	Low
[OH21 72] - RANNELLS CREEK Upper RM: 3.10 / Lower RM: 0.00													
45.50	45.50	45.50	45.5	9.1(6.0)	9.1(6.0)	9.1(6.0)	5.60	5.60	5.60	1	WWH	Moderate	Low
[OH21 73] - BUFFALO CREEK Upper RM: 15.70 / Lower RM: 0.00													
35.00	35.00	35.00	35.0	2.0(4.0)	2.0(4.0)	2.0(4.0)	49.00	49.00	49.00	1	LWH	Very Low	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
LICKING RIVER - [Watershed QHEI: 69.2, N = 67]													
[OH22 1] - LICKING RIVER (DILLON RES. TO MUSKINGUM RIVER) Upper RM: 6.20 / Lower RM: 0.00													
78.67	72.50	85.00	73.7	7.3(9.7)	6.9(8.0)	9.4(10)	756.00	742.00	779.00	6	WWH	Very High Quality	High
[OH22 2] - TIMBER RUN Upper RM: 7.10 / Lower RM: 0.00													
58.50	58.50	58.50	58.5	17.2(10)	17.2(10)	17.2(10)	12.00	12.00	12.00	1	WWH	Moderate-High	Low
[OH22 2.1] - TRIB. TO TIMBER RUN (RM 5.02) Upper RM: 0.83 / Lower RM: 0.00													
56.00	56.00	56.00	56.0	196.4(4.0	142.9(4.0	250.0(4.0	0.20	0.20	0.20	2	NONE	Moderate	Mod.
[OH22 4.1] - TRIB. TO BARTLETT RUN (RM 2.76) Upper RM: 0.85 / Lower RM: 0.00													
56.25	52.50	60.00	56.3	191.7(4.0	133.3(4.0	250.0(4.0	0.20	0.20	0.20	2	NONE	Moderate-High	Mod.
[OH22 5] - LICKING RIVER (ROCKY FORK TO DILLON RESERVOIR) Upper RM: 21.70 / Lower RM: 6.20													
62.75	50.00	75.50	73.7	1.9(8.0)	0.1(6.0)	3.7(10)	683.00	674.00	692.00	2	WWH; LAKE	Moderate - High	Mod.
[OH22 6] - BIG RUN Upper RM: 9.70 / Lower RM: 0.00													
56.00	40.50	71.50	56.0	10.5(10)	9.1(10)	11.9(10)	15.40	15.40	15.40	2	WWH	Moderate-High	Mod.
[OH22 6.1] - TRIB. TO BIG RUN (RM 1.30) Upper RM: 0.81 / Lower RM: 0.00													
56.75	55.00	58.50	56.8	166.7(4.0	166.7(4.0	166.7(4.0	0.25	0.20	0.30	2	NONE	Moderate	Mod.
[OH22 6.2] - TRIB. TO BIG RUN (RM 2.63) Upper RM: 1.11 / Lower RM: 0.00													
55.75	54.00	57.50	55.8	133.3(4.0	133.3(4.0	133.3(4.0	0.20	0.20	0.20	2	NONE	Moderate	Mod.
[OH22 10] - ROCKY FORK Upper RM: 20.20 / Lower RM: 0.00													
78.83	75.00	83.50	78.8	10.0(10)	8.8(10)	12.5(10)	57.33	20.00	76.00	3	WWH; EWH	Very High Quality	Mod.-High
[OH22 11] - LOST RUN Upper RM: 10.20 / Lower RM: 0.00													
77.25	71.50	83.00	77.3	12.5(10)	10.5(10)	14.6(10)	16.50	10.00	23.00	2	WWH	Very High Quality	Mod.
[OH22 14] - PAINTER RUN Upper RM: 5.70 / Lower RM: 0.00													
61.00	61.00	61.00	61.0	20.6(10)	20.6(10)	20.6(10)	6.00	6.00	6.00	1	WWH	High	Low
[OH22 15] - LONG RUN Upper RM: 5.30 / Lower RM: 0.00													
71.00	71.00	71.00	71.0	18.4(10)	18.4(10)	18.4(10)	6.00	6.00	6.00	1	WWH	High	Low
[OH22 16] - LICKING RIVER (NORTH/SOUTH FORKS TO ROCKY FORK) Upper RM: 30.20 / Lower RM: 21.70													
71.17	58.00	79.50	73.7	5.0(9.3)	3.6(8.0)	5.8(10)	534.33	533.00	537.00	3	WWH	High	High
[OH22 23] - NORTH FORK (SYCAMORE CREEK TO S. FK. LICKING R.) Upper RM: 20.30 / Lower RM: 0.00													
70.75	60.00	82.50	73.1	9.2(9.0)	5.8(8.0)	11.5(10)	231.00	227.00	239.00	4	WWH	High	High
[OH22 33] - LAKE FORK Upper RM: 12.20 / Lower RM: 0.00													
63.50	63.50	63.50	63.5	7.5(10)	7.5(10)	7.5(10)	34.00	34.00	34.00	1	WWH	High	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH22 35] - SYCAMORE CREEK Upper RM: 14.10 / Lower RM: 0.00													
80.00	80.00	80.00	80.0	12.8(10)	12.8(10)	12.8(10)	29.80	29.80	29.80	1	WWH	Very High Quality	Low
[OH22 37] - NORTH FORK LICKING R. (HEADWATERS TO SYCAMORE CR.) Upper RM: 38.40 / Lower RM: 20.30													
77.75	72.00	83.50	73.1	14.2(10)	9.2(10)	19.2(10)	35.10	6.20	64.00	2	WWH	Very High Quality	Mod.
[OH22 38] - VANCE CREEK Upper RM: 6.20 / Lower RM: 0.00													
59.50	59.50	59.50	59.5	15.2(10)	15.2(10)	15.2(10)	9.40	9.40	9.40	1	WWH	Moderate-High	Low
[OH22 45] - S. FK. LICKING R. (BUCKEYE LK OUTLET TO LICKING R) Upper RM: 12.80 / Lower RM: 0.00													
76.00	60.50	85.50	70.0	5.7(9.2)	3.6(8.0)	9.5(10)	182.20	130.00	287.00	5	WWH	Very High Quality	High
[OH22 46] - RACCOON CREEK Upper RM: 27.50 / Lower RM: 0.00													
76.75	65.00	82.50	76.8	8.3(9.5)	7.3(8.0)	11.0(10)	54.58	9.40	103.70	4	WWH	Very High Quality	Mod.-High
[OH22 48] - LOBDELL CREEK Upper RM: 12.10 / Lower RM: 0.00													
61.00	51.50	70.50	61.0	16.5(9.0)	11.8(8.0)	21.3(10)	17.50	16.70	18.30	2	WWH	High	Mod.
[OH22 52] - KIBER RUN Upper RM: 5.80 / Lower RM: 0.00													
81.50	81.50	81.50	81.5	17.2(10)	17.2(10)	17.2(10)	1.80	1.80	1.80	1	WWH	Very High Quality	Low
[OH22 57] - RAMP CREEK Upper RM: 8.40 / Lower RM: 0.00													
74.75	66.50	80.50	74.8	20.0(8.5)	17.0(8.0)	22.7(10)	16.38	14.30	17.40	4	WWH	High	Mod.-High
[OH22 59] - S. FK. LICKING R(TRIB@ 23.25 TO BUCKEYE LK OUTLET) Upper RM: 23.20 / Lower RM: 12.80													
62.90	39.00	79.00	70.0	4.1(7.6)	2.6(6.0)	9.6(10)	83.60	58.00	117.00	5	WWH	High	High
[OH22 59.3] - FEEDER CANAL Upper RM: 6.40 / Lower RM: 0.00													
43.00	43.00	43.00	43.0	0.1(4.0)	0.1(4.0)	0.1(4.0)	200.00	200.00	200.00	1	NONE	Very Low	Low
[OH22 61] - S. FK. LICKING R. (HEADWATERS TO TRIB. @ 23.25) Upper RM: 33.90 / Lower RM: 23.25													
70.71	60.00	83.00	70.0	15.9(9.1)	10.6(8.0)	22.2(10)	22.60	12.00	41.00	7	WWH	High	High
MIDDLE MUSKINGUM RIVER - [Watershed QHEI: 64.2, N = 21]													
[OH23 15] - MUSKINGUM RIVER (LICKING RIVER TO SALT CREEK) Upper RM: 76.20 / Lower RM: 67.00													
63.50	52.00	82.50	67.0	0.7(7.6)	0.1(6.0)	2.3(10)	7048.80	999.00	7196.00	5	WWH	Moderate - High	High
[OH23 20] - MOXAHALA CREEK (JONATHAN CREEK TO MUSKINGUM RIVER) Upper RM: 4.50 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH23 27] - JONATHAN CREEK (HEADWATERS TO BUCKEYE FORK) Upper RM: 26.10 / Lower RM: 4.90													
64.25	62.00	66.50	64.3	5.3(9.0)	4.2(8.0)	6.3(10)	81.25	57.50	105.00	2	EWH; LWH	High	Low-Mod.
[OH23 28] - BUCKEYE FORK Upper RM: 10.20 / Lower RM: 0.00													
66.50	66.50	66.50	66.5	16.7(10)	16.7(10)	16.7(10)	8.30	8.30	8.30	1	LRW	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH23 31] - BUTCHERKNIFE CREEK Upper RM: 4.30 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH23 36] - MOXAHALA CREEK (HEADWATERS TO JONATHAN CREEK) Upper RM: 29.20 / Lower RM: 4.54													
											LRW	Essentially None	High
[OH23 43] - BLACK FORK Upper RM: 7.70 / Lower RM: 0.00													
72.08	52.00	91.50	72.1	16.5(9.3)	13.3(8.0)	23.0(10)	8.32	7.00	9.60	6	WWH; LWH	High	High
[OH23 43.1] - OGG CREEK Upper RM: 5.40 / Lower RM: 0.00													
63.00	48.00	78.00	63.0	14.6(8.0)	14.6(8.0)	14.6(8.0)	5.00	4.50	5.50	2	WWH; LRW	Essentially None	High
[OH23 45] - MCLUNEY CREEK Upper RM: 5.60 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH23 48] - MUSKINGUM RIVER (SYMMES CREEK TO LICKING RIVER) Upper RM: 87.10 / Lower RM: 76.20													
55.60	47.50	74.00	67.0	0.3(6.8)	0.1(6.0)	1.3(10)	6057.20	999.00	6071.00	5	WWH	Moderate-High	High
LOWER MUSKINGUM RIVER - [Watershed QHEI: 68.0, N = 26]													
[OH24 1] - MUSKINGUM RIVER (BIG RUN TO OHIO RIVER) Upper RM: 17.20 / Lower RM: 0.00													
70.00	63.00	82.50	67.0	0.4(7.0)	0.1(6.0)	1.1(10)	8018.25	999.00	8045.00	4	WWH	Moderate - High	High
[OH24 17] - MUSKINGUM RIVER (MEIGS CREEK TO BIG RUN) Upper RM: 29.40 / Lower RM: 17.20													
61.00	48.50	74.00	67.0	0.4(7.0)	0.1(6.0)	1.3(10)	7752.00	999.00	7958.00	4	WWH	Moderate - High	High
[OH24 27] - SOUTH BRANCH WOLF CREEK Upper RM: 25.40 / Lower RM: 0.00													
62.00	62.00	62.00	62.0	4.0(6.0)	4.0(6.0)	4.0(6.0)	73.00	73.00	73.00	1	EWH	High	Low
[OH24 36] - WEST BR. WOLF CREEK (LAUREL RUN TO MUSKINGUM R.) Upper RM: 12.90 / Lower RM: 0.00													
82.50	82.50	82.50	79.3	4.7(10)	4.7(10)	4.7(10)	140.00	140.00	140.00	1	EWH	Very High Quality	Low-Mod.
[OH24 40] - WEST BR. WOLF CREEK (HEADWATERS TO LAUREL RUN) Upper RM: 45.00 / Lower RM: 12.90													
76.00	76.00	76.00	79.3	2.5(8.0)	2.5(8.0)	2.5(8.0)	116.00	116.00	116.00	1	EWH	Very High Quality	Low-Mod.
[OH24 61] - OLIVE GREEN CREEK Upper RM: 22.00 / Lower RM: 0.00													
84.50	84.50	84.50	84.5	3.1(6.0)	3.1(6.0)	3.1(6.0)	79.00	79.00	79.00	1	EWH	Very High Quality	Low
[OH24 74] - MEIGS CREEK Upper RM: 21.20 / Lower RM: 0.00													
80.00	80.00	80.00	80.0	4.9(10)	4.9(10)	4.9(10)	142.00	142.00	142.00	1	WWH	Very High Quality	Low
[OH24 80] - DYES FORK Upper RM: 18.60 / Lower RM: 0.00													
76.75	72.50	81.00	76.8	12.4(10)	12.0(10)	12.9(10)	41.50	38.00	45.00	2	WWH	Very High Quality	Low-Mod.
[OH24 92] - MUSKINGUM RIVER (MILLERS RUN TO MEIGS CREEK) Upper RM: 50.50 / Lower RM: 29.40													
66.79	52.50	82.50	67.0	1.0(7.4)	0.1(6.0)	3.8(10)	7450.43	999.00	7479.00	7	WWH	Moderate - High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH24106] - MUSKINGUM RIVER (SALT CREEK TO MILLERS RUN) Upper RM: 67.00 / Lower RM: 50.50													
59.50	47.50	76.50	67.0	0.2(6.5)	0.1(6.0)	0.6(8.0)	7391.00	999.00	7415.00	4	WWH	Moderate-High	High
UPPER HOCKING RIVER - [Watershed QHEI: 58.3, N = 65]													
[OH25 1] - HOCKING RIVER (RUSH CREEK TO CLEAR CREEK) Upper RM: 81.62 / Lower RM: 73.40													
67.13	57.50	77.00	58.2	3.9(9.0)	3.1(8.0)	4.7(10)	386.50	336.00	437.00	4	WWH	High	High
[OH25 2] - BUCK RUN Upper RM: 5.10 / Lower RM: 0.00													
49.50	49.50	49.50	49.5	11.8(10)	11.8(10)	11.8(10)	10.50	10.50	10.50	1	WWH	Moderate-High	Low
[OH25 4] - CLEAR CREEK Upper RM: 24.00 / Lower RM: 0.00													
66.34	48.00	89.50	66.3	7.5(9.0)	4.1(6.0)	18.2(10)	46.99	1.50	89.00	16	WWH	High	High
[OH25 4.1] - TRIB. TO CLEAR CREEK (RM 9.52) Upper RM: 5.20 / Lower RM: 0.00													
63.50	63.50	63.50	63.5	31.8(8.0)	31.8(8.0)	31.8(8.0)	3.00	3.00	3.00	1	WWH	High	Low
[OH25 4.2] - AMANDA CREEK Upper RM: 0.70 / Lower RM: 0.00													
47.50	46.50	48.50	47.5	41.7(4.0)	41.7(4.0)	41.7(4.0)	0.30	0.30	0.30	2	WWH	Moderate-High	Mod.
[OH25 4.3] - DACE DITCH (AMANDA) Upper RM: 1.93 / Lower RM: 0.00													
31.00	31.00	31.00	31.0	31.3(8.0)	31.3(8.0)	31.3(8.0)	1.00	1.00	1.00	1	WWH	Low	Low
[OH25 4.4] - SAND RUN Upper RM: 2.52 / Lower RM: 0.00													
46.00	46.00	46.00	46.0	5.7(6.0)	5.7(6.0)	5.7(6.0)	1.70	1.70	1.70	1		Low - Moderate	Low
[OH25 5] - ARNEY RUN Upper RM: 8.20 / Lower RM: 0.00													
63.17	36.50	81.00	63.2	22.7(7.3)	6.9(6.0)	37.0(8.0)	8.13	5.90	10.60	3	WWH	High	Mod.-High
[OH25 7] - MUDDY PRAIRIE RUN Upper RM: 7.20 / Lower RM: 0.00													
70.00	55.00	85.00	70.0	10.9(10)	10.9(10)	10.9(10)	11.00	11.00	11.00	2	WWH	High	Mod.
[OH25 8] - DUNKLE RUN Upper RM: 2.81 / Lower RM: 0.00													
65.50	62.00	69.00	65.5	13.0(8.0)	7.0(6.0)	18.9(10)	2.65	2.60	2.70	2	WWH	High	Mod.
[OH25 9] - MUDDY PRAIRIE CREEK Upper RM: 3.40 / Lower RM: 0.00													
42.00	42.00	42.00	42.0	3.1(4.0)	3.1(4.0)	3.1(4.0)	3.80	3.80	3.80	1	WWH	Very Low	Low
[OH25 12] - RUSH CREEK (LITTLE RUSH CREEK TO HOCKING RIVER) Upper RM: 16.68 / Lower RM: 0.00													
37.50	37.50	37.50	37.5	0.7(4.0)	0.7(4.0)	0.7(4.0)	230.00	230.00	230.00	1	LRW; MWH-C	Essentially None	High
[OH25 13] - DURBIN RUN Upper RM: 3.20 / Lower RM: 0.00													
35.00	35.00	35.00	35.0	12.0(8.0)	12.0(8.0)	12.0(8.0)	2.50	2.50	2.50	1	WWH	Low	Low
[OH25 14] - TURKEY RUN Upper RM: 4.50 / Lower RM: 0.00													
67.00	67.00	67.00	67.0	10.2(8.0)	10.2(8.0)	10.2(8.0)	8.00	8.00	8.00	1	LRW	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH25 20] - RUSH CREEK (HEADWATERS TO LITTLE RUSH CREEK) Upper RM: 38.20 / Lower RM: 16.68													
37.5											LRW	Essentially None	High
[OH25 20.1] - BLUNTNOSE CREEK (TRIB. TO RUSH CREEK RM 19.40) Upper RM: 5.45 / Lower RM: 0.00													
62.00	62.00	62.00	62.0	12.6(8.0)	12.6(8.0)	12.6(8.0)	3.60	3.60	3.60	1	WWH	High	Low
[OH25 22] - TURKEY RUN Upper RM: 4.50 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH25 23] - HOCKING RIVER (HEADWATERS TO RUSH CREEK) Upper RM: 101.59 / Lower RM: 81.62													
53.97	28.00	85.00	58.2	6.8(7.1)	4.6(6.0)	13.2(10)	48.62	3.30	98.50	17	WWH	Moderate-High	High
[OH25 23.2] - OHIO CANAL Upper RM: 3.05 / Lower RM: 0.00													
42.50	42.50	42.50	42.5	4.1(4.0)	4.1(4.0)	4.1(4.0)	7.50	7.50	7.50	1	NONE	Very Low	Low
[OH25 23.3] - CLAYPOOL RUN Upper RM: 5.80 / Lower RM: 0.00													
52.75	49.50	56.00	52.8	9.5(7.0)	6.2(6.0)	12.8(8.0)	4.90	4.80	5.00	2	NONE	Moderate-High	Mod.
[OH25 25] - BALDWIN RUN Upper RM: 4.60 / Lower RM: 0.00													
60.50	50.00	74.50	60.5	15.6(10)	13.9(10)	18.9(10)	9.27	3.80	12.00	3	WWH	High	Mod.-High
[OH25 27] - HUNTERS RUN Upper RM: 7.50 / Lower RM: 0.00													
55.63	49.50	59.00	55.6	9.1(8.5)	6.5(6.0)	14.7(10)	8.80	6.20	10.30	4	WWH	Moderate-High	Mod.-High
MIDDLE HOCKING RIVER - [Watershed QHEI: 61.4, N = 45]													
[OH26 1] - HOCKING RIVER (MONDAY CREEK TO ATHENS) Upper RM: 48.89 / Lower RM: 34.93													
55.17	46.00	72.00	58.2	2.0(10)	1.9(10)	2.0(10)	832.00	707.00	937.00	9	WWH	Moderate-High	High
[OH26 3] - FACTORY CREEK Upper RM: 6.30 / Lower RM: 0.00													
57.00	57.00	57.00	57.0	10.3(8.0)	10.3(8.0)	10.3(8.0)	9.10	9.10	9.10	1	WWH	Moderate-High	Low
[OH26 8] - SUNDAY CREEK (W. BR. SUNDAY CR. TO HOCKING R.) Upper RM: 13.15 / Lower RM: 0.00													
50.00	50.00	50.00	50.0	1.8(6.0)	1.8(6.0)	1.8(6.0)	138.00	138.00	138.00	1	LRW	Essentially None	High
[OH26 8.1] - TRIB TO SUNDAY CREEK Upper RM: 2.13 / Lower RM: 0.00													
67.50	67.50	67.50	67.5	12.8(8.0)	12.8(8.0)	12.8(8.0)	1.00	1.00	1.00	1	WWH	High	Low
[OH26 19] - SUNDAY CREEK (HEADWATERS TO W. BR. SUNDAY CREEK) Upper RM: 28.85 / Lower RM: 13.15													
50.0											LRW	Essentially None	High
[OH26 25] - MONDAY CREEK Upper RM: 27.00 / Lower RM: 0.00													
40.00	40.00	40.00	40.0	2.2(8.0)	2.2(8.0)	2.2(8.0)	114.00	114.00	114.00	1	LRW	Essentially None	High
[OH26 25.1] - TRIB. TO MONDAY CREEK (RM 19.73) Upper RM: 4.05 / Lower RM: 0.00													
62.50	62.50	62.50	62.5	17.9(10)	17.9(10)	17.9(10)	3.00	3.00	3.00	1		High	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH26 26] - SNOW FORK Upper RM: 10.70 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH26 32] - LITTLE MONDAY CREEK Upper RM: 14.30 / Lower RM: 0.00													
49.67	49.50	50.00	49.7	10.8(6.7)	5.8(6.0)	20.8(8.0)	19.40	10.70	24.20	3	WWH	Moderate-High	Mod.-High
[OH26 32.1] - TEMPERANCE HOLLOW CREEK Upper RM: 3.60 / Lower RM: 0.00													
65.00	65.00	65.00	65.0	33.9(8.0)	33.9(8.0)	33.9(8.0)	2.80	2.80	2.80	1		High	Low
[OH26 36] - HOCKING RIVER (SCOTT CREEK TO MONDAY CREEK) Upper RM: 68.96 / Lower RM: 48.89													
68.25	63.50	77.50	58.2	3.2(7.7)	1.9(6.0)	6.5(10)	556.50	524.00	579.00	6	WWH	High	High
[OH26 38] - DORR RUN Upper RM: 2.80 / Lower RM: 0.00													
48.00	48.00	48.00	48.0	15.2(10)	15.2(10)	15.2(10)	2.90	2.90	2.90	1	WWH	Moderate	Low
[OH26 41] - FIVEMILE CREEK Upper RM: 7.00 / Lower RM: 0.00													
62.80	56.50	75.00	62.8	7.8(10)	7.8(10)	7.8(10)	12.50	12.50	12.50	5	WWH	High	High
[OH26 42] - OLDTOWN CREEK Upper RM: 7.10 / Lower RM: 0.00													
60.75	52.50	69.50	60.8	6.6(10)	6.6(10)	6.6(10)	13.60	13.60	13.60	6	WWH	High	High
[OH26 43] - SCOTT CREEK Upper RM: 9.00 / Lower RM: 0.00													
69.10	61.00	75.50	69.1	37.0(6.4)	4.5(4.0)	76.9(10)	10.28	0.30	39.50	5	WWH; EWH	High	High
[OH26 47] - HOCKING RIVER (ENTERPRISE TO SCOTT CREEK) Upper RM: 73.40 / Lower RM: 68.96													
73.00	63.50	77.50	58.2	3.4(8.0)	3.1(8.0)	3.7(8.0)	464.00	459.00	469.00	4	WWH	High	High
LOWER HOCKING RIVER - [Watershed QHEI: 62.0, N = 40]													
[OH27 1] - HOCKING RIVER (FEDERAL CREEK TO OHIO RIVER) Upper RM: 15.28 / Lower RM: 0.00													
49.60	43.00	63.00	58.2	0.1(6.0)	0.1(6.0)	0.1(6.0)	1158.80	999.00	1175.00	5	WWH	Low - Moderate	High
[OH27 4] - FOURMILE CREEK Upper RM: 4.50 / Lower RM: 0.00													
71.00	71.00	71.00	66.9	22.5(10)	22.5(10)	22.5(10)	4.60	4.60	4.60	1	EWH	High	Low-Mod.
[OH27 10] - JORDAN RUN Upper RM: 5.10 / Lower RM: 0.00													
76.50	76.50	76.50	76.5	14.3(8.0)	14.3(8.0)	14.3(8.0)	6.70	6.70	6.70	1	WWH	Very High Quality	Low
[OH27 14] - FEDERAL CREEK (MCDUGALL BRANCH TO HOCKING RIVER) Upper RM: 11.25 / Lower RM: 0.00													
74.75	74.00	75.50	77.0	2.6(8.0)	2.6(8.0)	2.6(8.0)	138.00	138.00	138.00	2	EWH	High	Mod.
[OH27 17] - BIG RUN Upper RM: 6.40 / Lower RM: 0.00													
71.75	63.00	80.50	71.8	17.2(10)	9.4(10)	25.0(10)	8.00	4.20	11.80	2	LWH	High	Mod.
[OH27 18] - JOES RUN Upper RM: 2.10 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	32.3(8.0)	32.3(8.0)	32.3(8.0)	0.90	0.90	0.90	1	LWH	High	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH27 19] - ELLIS RUN Upper RM: 0.60 / Lower RM: 0.00													
64.00	64.00	64.00	64.0	60.6(4.0)	60.6(4.0)	60.6(4.0)	1.30	1.30	1.30	1	LWH	High	Low
[OH27 20] - WILDCAT RUN Upper RM: 2.40 / Lower RM: 0.00													
69.00	69.00	69.00	69.0	40.0(8.0)	40.0(8.0)	40.0(8.0)	1.70	1.70	1.70	1	LWH	High	Low
[OH27 21] - SPRUCE RUN Upper RM: 2.60 / Lower RM: 0.00													
65.00	65.00	65.00	65.0	74.1(4.0)	74.1(4.0)	74.1(4.0)	1.40	1.40	1.40	1	LWH	High	Low
[OH27 22] - MARIETTA RUN Upper RM: 6.10 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	10.6(10)	10.6(10)	10.6(10)	10.10	10.10	10.10	1	LWH	High	Low
[OH27 23] - BRILL RUN Upper RM: 3.00 / Lower RM: 0.00													
79.50	79.50	79.50	79.5	35.1(8.0)	35.1(8.0)	35.1(8.0)	3.20	3.20	3.20	1	LWH	Very High Quality	Low
[OH27 24] - SHARPS FORK Upper RM: 14.50 / Lower RM: 0.00													
59.00	59.00	59.00	59.0	4.4(6.0)	4.4(6.0)	4.4(6.0)	35.70	35.70	35.70	1	WWH	Moderate-High	Low
[OH27 28] - MCDOUGALL BRANCH Upper RM: 7.90 / Lower RM: 0.00													
57.50	52.00	63.00	57.5	7.6(10)	7.6(10)	7.6(10)	27.95	27.90	28.00	2	WWH	Moderate-High	Low-Mod.
[OH27 33] - FEDERAL CREEK (HYDE FORK TO MCDOUGALL BRANCH) Upper RM: 16.21 / Lower RM: 11.25													
81.50	81.50	81.50	77.0	8.3(10)	8.3(10)	8.3(10)	32.10	32.10	32.10	1	EWB	Very High Quality	Low-Mod.
[OH27 39] - HOCKING RIVER (ATHENS TO FEDERAL CREEK) Upper RM: 34.93 / Lower RM: 15.28													
57.34	31.50	78.50	58.2	1.8(10)	1.6(10)	2.2(10)	958.69	942.00	994.00	16	WWH	Moderate-High	High
[OH27 43] - GREEN RUN Upper RM: 3.60 / Lower RM: 0.00													
64.50	47.50	81.50	65.8	47.4(6.0)	37.7(4.0)	57.1(8.0)	1.30	0.80	1.80	2	WWH	High	Mod.-High
[OH27 59] - LITTLE HOCKING RIVER Upper RM: 18.40 / Lower RM: 0.00													
73.50	73.50	73.50	73.5	6.0(8.0)	6.0(8.0)	6.0(8.0)	45.00	45.00	45.00	1	WWH	High	Low
SE TRIBS (SHADE RIVER AND LEADING CREEK) - [Watershed QHEI: 69.0, N = 4]													
[OH28 9] - YELLOWBUSH CREEK Upper RM: 5.00 / Lower RM: 0.00													
75.00	75.00	75.00	75.0	14.8(8.0)	14.8(8.0)	14.8(8.0)	4.80	4.80	4.80	1	WWH	Very High Quality	Low
[OH28 18] - OLDTOWN CREEK Upper RM: 5.90 / Lower RM: 0.00													
62.50	62.50	62.50	62.5	10.7(8.0)	10.7(8.0)	10.7(8.0)	3.80	3.80	3.80	1	WWH	High	Low
[OH28 30] - SHADE RIVER Upper RM: 18.19 / Lower RM: 0.00													
69.25	57.50	81.00	69.3	2.4(8.0)	2.4(8.0)	2.4(8.0)	127.50	127.00	128.00	2	WWH	High	Low-Mod.
SE TRIBS (LOWER RACCOON CREEK) - [Watershed QHEI: 57.6, N = 39]													
[OH29 12] - CAMPAIGN CREEK Upper RM: 19.20 / Lower RM: 0.00													
64.50	57.00	72.00	64.5	5.1(6.0)	5.1(6.0)	5.1(6.0)	34.90	34.40	35.40	2	WWH	High	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH29 19] - KYGER CREEK Upper RM: 11.80 / Lower RM: 0.00													
51.88	34.00	61.50	51.9	3.6(5.0)	1.5(4.0)	5.8(6.0)	26.00	21.00	29.90	4	WWH; LRW	Essentially None	High
[OH29 20] - LITTLE KYGER CREEK Upper RM: 4.40 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH29 21] - TURKEY RUN Upper RM: 2.20 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH29 22] - STINGY RUN Upper RM: 2.50 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH29 23] - JESSIE CREEK Upper RM: 5.35 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH29 28] - LEADING CREEK (LITTLE LEADING CREEK TO OHIO RIVER) Upper RM: 8.49 / Lower RM: 0.00													
44.20	35.00	55.00	62.8	1.9(6.0)	0.0(2.0)	3.1(8.0)	99.40		151.00	5	WWH	Very Low	High
[OH29 32] - THOMAS FORK Upper RM: 7.20 / Lower RM: 0.00													
45.50	45.50	45.50	45.5	6.7(10)	6.7(10)	6.7(10)	30.50	30.50	30.50	1	WWH	Moderate-High	Low
[OH29 32.1] - EAST BRANCH THOMAS FORK Upper RM: 7.55 / Lower RM: 0.00													
46.17	42.00	51.00	46.2	11.4(9.3)	9.0(8.0)	12.7(10)	9.30	9.00	9.50	3	NONE	Moderate	Mod.-High
[OH29 34] - LITTLE LEADING CREEK Upper RM: 10.60 / Lower RM: 0.00													
46.50	45.00	48.00	46.5	10.2(10)	10.2(10)	10.2(10)	23.20	23.20	23.20	2	WWH	Moderate-High	Low-Mod.
[OH29 35] - LEADING CREEK (DEXTER RUN TO LITTLE LEADING CREEK) Upper RM: 18.50 / Lower RM: 8.49													
71.38	64.50	77.00	62.8	2.1(4.3)	0.0(2.0)	3.9(6.0)	42.23		80.70	12	WWH	High	High
[OH29 36] - MALLOONS RUN Upper RM: 3.40 / Lower RM: 0.00													
55.00	55.00	55.00	55.0	14.2(8.0)	14.2(8.0)	14.2(8.0)	3.80	3.80	3.80	1	WWH	Moderate	Low
[OH29 37] - PARKER RUN Upper RM: 4.80 / Lower RM: 0.00													
55.58	32.50	70.00	55.6	11.1(7.3)	0.0(2.0)	16.7(10)	4.30		7.40	6	WWH	Moderate-High	High
[OH29 37.1] - LITTLE PARKER RUN Upper RM: 1.93 / Lower RM: 0.00													
51.00	51.00	51.00	51.0	55.6(4.0)	55.6(4.0)	55.6(4.0)	0.70	0.70	0.70	1	NONE	Moderate-High	Low
[OH29 39] - LEADING CREEK (HEADWATERS TO DEXTER RUN) Upper RM: 33.00 / Lower RM: 18.50													
58.25	46.50	70.00	62.8	14.7(8.0)	3.2(6.0)	26.3(10)	20.75	4.30	37.20	2	WWH	Moderate-High	Mod.
SE TRIBS (UPPER RACCOON CREEK) - [Watershed QHEI: 58.8, N = 90]													
[OH30 1] - LITTLE RACCOON CREEK (DICKASON RUN TO RACCOON CR.) Upper RM: 12.57 / Lower RM: 0.00													
56.50	56.50	56.50	59.5	3.2(8.0)	3.2(8.0)	3.2(8.0)	128.00	128.00	128.00	1	LRW	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH30 2] - DEER CREEK Upper RM: 4.00 / Lower RM: 0.00													
56.50	56.50	56.50	56.5	28.2(10)	28.2(10)	28.2(10)	5.90	5.90	5.90	1	WWH	Moderate-High	Low
[OH30 3] - KEETON RUN Upper RM: 2.30 / Lower RM: 0.00													
59.50	59.50	59.50	59.5	15.6(10)	15.6(10)	15.6(10)	4.20	4.20	4.20	1	WWH	Moderate-High	Low
[OH30 4] - SPRING RUN Upper RM: 4.60 / Lower RM: 0.00													
54.50	54.50	54.50	54.5	8.5(6.0)	8.5(6.0)	8.5(6.0)	5.30	5.30	5.30	1	WWH	Moderate-High	Low
[OH30 5] - DICKASON RUN Upper RM: 11.20 / Lower RM: 0.00													
50.50	46.50	54.50	50.5	5.1(6.0)	5.1(6.0)	5.1(6.0)	24.20	19.70	28.70	2	LWH	Moderate-High	Low-Mod.
[OH30 6] - KYGER RUN Upper RM: 4.60 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH30 7] - LITTLE RACCOON CREEK (SAND RUN TO DICKASON RUN) Upper RM: 28.89 / Lower RM: 12.57													
58.00	47.50	64.00	59.5	2.4(4.6)	2.3(4.0)	2.6(6.0)	54.14	45.00	67.00	7	WWH; LRW	Essentially None	High
[OH30 8] - TARCAMP RUN Upper RM: 2.50 / Lower RM: 0.00													
52.50	52.50	52.50	52.5	27.4(10)	27.4(10)	27.4(10)	2.00	2.00	2.00	1	LWH	Moderate	Low
[OH30 9] - GOOSE RUN Upper RM: 1.80 / Lower RM: 0.00													
44.00	44.00	44.00	44.0	8.1(6.0)	8.1(6.0)	8.1(6.0)	1.40	1.40	1.40	1	LWH	Low	Low
[OH30 10] - GREASY RUN Upper RM: 2.60 / Lower RM: 0.00													
59.00	59.00	59.00	59.0	24.7(10)	24.7(10)	24.7(10)	1.60	1.60	1.60	1	LWH	Moderate-High	Low
[OH30 11] - BUFFER RUN Upper RM: 2.40 / Lower RM: 0.00													
54.00	54.00	54.00	54.0	27.4(10)	27.4(10)	27.4(10)	1.90	1.90	1.90	1	LWH	Moderate	Low
[OH30 12] - FLINT RUN Upper RM: 2.20 / Lower RM: 0.00													
59.50	59.50	59.50	59.5	17.1(10)	17.1(10)	17.1(10)	3.60	3.60	3.60	1	LWH	Moderate-High	Low
[OH30 13] - COAL RUN Upper RM: 1.40 / Lower RM: 0.00													
57.50	57.50	57.50	57.5	28.6(10)	28.6(10)	28.6(10)	0.60	0.60	0.60	1	LWH	Moderate-High	Low
[OH30 14] - RICH RUN Upper RM: 4.00 / Lower RM: 0.00													
71.50	71.50	71.50	71.5	19.5(10)	19.5(10)	19.5(10)	4.90	4.90	4.90	1	LWH	High	Low
[OH30 15] - MULGA RUN Upper RM: 4.90 / Lower RM: 0.00													
49.50	49.50	49.50	49.5	7.8(6.0)	7.8(6.0)	7.8(6.0)	7.80	7.80	7.80	1	LRW	Essentially None	High
[OH30 16] - MEADOW RUN Upper RM: 5.10 / Lower RM: 0.00													
50.25	43.00	56.00	50.3	11.7(8.0)	2.8(4.0)	15.6(10)	8.45	7.50	9.40	4	LRW; WWH	Essentially None	High
[OH30 17] - LITTLE RACCOON CREEK (HEADWATERS TO SAND RUN) Upper RM: 40.50 / Lower RM: 28.89													
64.17	59.00	72.50	59.5	8.1(9.3)	6.4(8.0)	11.5(10)	24.83	7.50	37.00	3	WWH; LAKE; WWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH30 17.1] - SUGAR RUN Upper RM: 3.05 / Lower RM: 0.00													
38.00	38.00	38.00	38.0	9.8(6.0)	9.8(6.0)	9.8(6.0)	4.50	4.50	4.50	1	NONE	Low	Low
[OH30 18] - SAND RUN Upper RM: 4.30 / Lower RM: 0.00													
58.00	58.00	58.00	58.0	19.6(10)	19.6(10)	19.6(10)	3.60	3.60	3.60	1	WWH	Moderate-High	Low
[OH30 22] - RACCOON CREEK (FLATLICK RUN TO LITTLE RACCOON CR.) Upper RM: 47.67 / Lower RM: 37.55													
59.88	47.00	73.00	61.7	0.8(5.0)	0.1(4.0)	1.5(6.0)	381.00	381.00	381.00	4	WWH	Moderate-High	High
[OH30 23] - ROBINSON RUN Upper RM: 2.90 / Lower RM: 0.00													
54.50	46.50	66.50	54.5	8.8(6.7)	0.0(2.0)	13.9(10)	4.00		9.70	3	WWH	Moderate-High	Mod.-High
[OH30 24] - SUGAR RUN Upper RM: 3.10 / Lower RM: 0.00													
52.25	42.00	62.50	52.3	11.5(8.0)	11.4(8.0)	11.5(8.0)	3.35	3.30	3.40	2	WWH	Moderate-High	Mod.
[OH30 25] - STRONGS RUN Upper RM: 10.40 / Lower RM: 0.00													
54.17	44.00	61.50	54.2	5.1(6.0)	0.0(2.0)	7.7(10)	8.00		16.10	3	EWH	Low - Moderate	Mod.-High
[OH30 26] - WILLIAMS RUN Upper RM: 2.80 / Lower RM: 0.00													
55.50	55.50	55.50	55.5	9.6(6.0)	9.6(6.0)	9.6(6.0)	3.80	3.80	3.80	1	EWH	Moderate-High	Low
[OH30 27] - OPOSSUM RUN Upper RM: 1.40 / Lower RM: 0.00													
63.50	63.50	63.50	63.5	23.1(10)	23.1(10)	23.1(10)	0.70	0.70	0.70	1	LWH	High	Low
[OH30 28] - RACCOON CREEK (ELK FORK TO FLATLICK RUN) Upper RM: 66.64 / Lower RM: 47.67													
62.17	60.50	63.00	61.7	1.8(6.0)	1.5(6.0)	2.0(6.0)	322.33	295.00	336.00	3	WWH	Moderate - High	High
[OH30 29] - FLATLICK RUN Upper RM: 5.10 / Lower RM: 0.00													
61.13	58.00	67.00	61.1	13.9(5.0)	13.9(2.0)	13.9(8.0)	7.30	7.30	7.30	4	LWH	High	Mod.-High
[OH30 30] - KARR RUN Upper RM: 1.20 / Lower RM: 0.00													
56.50	56.50	56.50	56.5	90.9(4.0)	90.9(4.0)	90.9(4.0)	0.50	0.50	0.50	1	LWH	Moderate-High	Low
[OH30 31] - INDIANCAMP RUN Upper RM: 2.40 / Lower RM: 0.00													
80.25	78.50	82.00	80.3	24.2(10)	24.2(10)	24.2(10)	2.40	2.40	2.40	2	LWH	Very High Quality	Mod.
[OH30 32] - ROCKCAMP RUN Upper RM: 2.10 / Lower RM: 0.00													
64.00	64.00	64.00	64.0	5.4(6.0)	5.4(6.0)	5.4(6.0)	2.80	2.80	2.80	1	LWH	Moderate - High	Low
[OH30 33] - PIERCE RUN Upper RM: 8.50 / Lower RM: 0.00													
52.00	52.00	52.00	52.0	9.2(10)	9.2(10)	9.2(10)	9.90	9.90	9.90	1	LWH	Moderate-High	Low
[OH30 34] - ZINNS RUN Upper RM: 2.60 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	21.7(10)	21.7(10)	21.7(10)	3.50	3.50	3.50	1	LWH	High	Low
[OH30 35] - ELK FORK Upper RM: 18.60 / Lower RM: 0.00													
64.11	52.00	75.00	64.1	7.8(8.2)	3.3(6.0)	21.1(10)	29.18	7.50	60.00	9	WWH; LRW	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence		
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max						
[OH30 38] - WOLF RUN Upper RM: 7.50 / Lower RM: 0.00															
											LRW	Essentially None	High		
[OH30 39] - PUNCHEON FORK Upper RM: 5.60 / Lower RM: 0.00															
65.50	65.00	66.00	65.5	11.4(10)	7.8(10)	15.0(10)	8.45	7.10	9.80	2	LRW	Essentially None	High		
[OH30 40] - AUSTIN POWDER TRIB. Upper RM: 2.95 / Lower RM: 0.00															
											LRW	Essentially None	High		
[OH30 41] - RACCOON CREEK (HEWETT FORK TO ELK FORK) Upper RM: 89.54 / Lower RM: 66.64															
55.00	48.00	62.00	61.7	1.7(6.0)	1.4(6.0)	1.9(6.0)	202.50	183.00	222.00	2	WWH	Moderate-High	Mod.		
[OH30 42] - BRUSH FORK Upper RM: 3.30 / Lower RM: 0.00															
											LRW	Essentially None	High		
[OH30 43] - LONG RUN Upper RM: 3.80 / Lower RM: 0.00															
68.50	68.50	68.50	68.5	16.1(10)	16.1(10)	16.1(10)	2.20	2.20	2.20	1	LWH	High	Low		
[OH30 44] - FLAT RUN Upper RM: 7.30 / Lower RM: 0.00															
50.50	50.50	50.50	50.5	10.6(8.0)	10.6(8.0)	10.6(8.0)	4.90	4.90	4.90	1	LWH	Moderate-High	Low		
[OH30 45] - RUSSELL RUN Upper RM: 3.00 / Lower RM: 0.00															
47.50	47.50	47.50	47.5	19.1(10)	19.1(10)	19.1(10)	2.00	2.00	2.00	1	LWH	Moderate	Low		
[OH30 46] - MERRIT RUN Upper RM: 2.10 / Lower RM: 0.00															
62.50	62.50	62.50	62.5	35.7(8.0)	35.7(8.0)	35.7(8.0)	0.90	0.90	0.90	1	LWH	High	Low		
[OH30 47] - TEDROE RUN Upper RM: 2.50 / Lower RM: 0.00															
54.00	54.00	54.00	54.0	27.3(10)	27.3(10)	27.3(10)	2.40	2.40	2.40	1	LWH	Moderate-High	Low		
[OH30 48] - ONION CREEK Upper RM: 6.00 / Lower RM: 0.00															
76.50	76.50	76.50	76.5	11.8(8.0)	11.8(8.0)	11.8(8.0)	8.30	8.30	8.30	1	LWH	Very High Quality	Low		
[OH30 50] - HEWETT FORK Upper RM: 17.80 / Lower RM: 0.00															
											LRW	Essentially None	High		
[OH30 51] - ROCKCAMP CREEK Upper RM: 5.10 / Lower RM: 0.00															
55.00	55.00	55.00	55.0	14.9(8.0)	14.9(8.0)	14.9(8.0)	4.90	4.90	4.90	1	LWH	Moderate-High	Low		
[OH30 52] - COAL RUN Upper RM: 1.60 / Lower RM: 0.00															
55.00	55.00	55.00	55.0	58.8(4.0)	58.8(4.0)	58.8(4.0)	0.80	0.80	0.80	1	LWH	Moderate-High	Low		
[OH30 54] - GRASS RUN Upper RM: 2.80 / Lower RM: 0.00															
55.00	55.00	55.00	55.0	21.7(10)	21.7(10)	21.7(10)	2.70	2.70	2.70	1	LWH	Moderate	Low		
[OH30 55] - RACCOON CREEK (BRUSHY CREEK TO HEWETT FORK) Upper RM: 103.06 / Lower RM: 89.54															
59.17	48.50	68.50	61.7	2.1(4.7)	1.4(4.0)	2.5(6.0)	110.33	97.00	134.00	3	WWH	Moderate-High	High		

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH30 55.1] - TRIB. TO RACCOON CREEK (RM 98.96) Upper RM: 2.32 / Lower RM: 0.00													
37.00	37.00	37.00	37.0	12.9(8.0)	12.9(8.0)	12.9(8.0)	2.50	2.50	2.50	1	NONE	Low	Low
[OH30 60] - RACCOON CREEK (EAST/WEST BRANCH TO BRUSHY FORK) Upper RM: 111.96 / Lower RM: 103.06													
59.50	59.50	59.50	61.7	3.6(6.0)	3.6(6.0)	3.6(6.0)	50.00	50.00	50.00	1	WWH	Moderate-High	Low-Mod.
[OH30 62] - TWOMILE RUN Upper RM: 4.30 / Lower RM: 0.00													
65.00	63.00	67.00	65.0	20.8(10)	20.8(10)	20.8(10)	4.70	4.70	4.70	2	LWH	High	Mod.
[OH30 63] - EAST BRANCH RACCOON CREEK Upper RM: 9.30 / Lower RM: 0.00													
68.50	63.00	74.00	68.5	17.1(10)	8.2(10)	26.0(10)	9.20	3.20	15.20	2	LRW	Essentially None	High
[OH30 64] - WEST BRANCH RACCOON CREEK Upper RM: 8.10 / Lower RM: 0.00													
57.75	53.50	62.00	57.8	16.1(10)	10.2(10)	22.0(10)	13.20	4.50	21.90	2	LWH	Moderate-High	Mod.
SE TRIBS (LITTLE INDIAN GUYAN CREEK) - [Watershed QHEI: 66.8, N = 9]													
[OH31 2] - INDIAN GUYAN CREEK (L. INDIAN GUYAN CR. TO OHIO R) Upper RM: 14.63 / Lower RM: 0.00													
71.50	71.50	71.50	71.5	6.3(8.0)	6.3(8.0)	6.3(8.0)	67.00	67.00	67.00	1	WWH	High	Low
[OH31 33] - RACCOON CREEK (CLAYLICK RUN TO OHIO RIVER) Upper RM: 12.65 / Lower RM: 0.00													
68.50	55.00	81.00	61.7	1.1(8.7)	0.1(6.0)	1.5(10)	652.33	648.00	661.00	3	WWH	Moderate - High	High
[OH31 49] - RACCOON CREEK (LITTLE RACCOON CREEK TO RYAN RUN) Upper RM: 37.55 / Lower RM: 27.83													
64.83	62.50	67.50	61.7	1.8(6.7)	1.7(6.0)	2.0(8.0)	571.33	542.00	586.00	3	WWH	Moderate - High	High
[OH31 50] - INDIAN CREEK Upper RM: 9.10 / Lower RM: 0.00													
65.00	54.00	76.00	65.0	9.5(10)	9.5(10)	9.5(10)	10.30	10.30	10.30	2	WWH	High	Mod.
SE TRIBS (SYMMES CREEK) - [Watershed QHEI: 58.7, N = 9]													
[OH32 1] - SYMMES CREEK (VENISONHAM CREEK TO OHIO RIVER) Upper RM: 17.01 / Lower RM: 0.00													
79.00	79.00	79.00	79.0	2.0(6.0)	2.0(6.0)	2.0(6.0)	335.00	335.00	335.00	1	WWH	Very High Quality	Low
[OH32 24] - BUFFALO CREEK Upper RM: 7.50 / Lower RM: 0.00													
71.00	68.50	73.50	71.0	8.2(8.0)	7.1(6.0)	9.3(10)	9.70	3.10	16.30	2	WWH	High	Mod.
[OH32 25] - COULLEY FORK Upper RM: 3.90 / Lower RM: 0.00													
60.25	56.00	64.50	60.3	8.9(6.0)	8.9(6.0)	8.9(6.0)	4.60	4.60	4.60	2	WWH	High	Mod.
[OH32 35] - BLACK FORK Upper RM: 16.05 / Lower RM: 0.00													
56.00	56.00	56.00	56.0	3.7(6.0)	3.7(6.0)	3.7(6.0)	33.00	33.00	33.00	1	WWH	Moderate-High	Low
[OH32 40] - HUNTINGCAMP CREEK Upper RM: 3.40 / Lower RM: 0.00													
43.67	38.50	50.50	43.7	13.6(8.7)	6.6(6.0)	17.1(10)	1.77	1.50	2.30	3	WWH	Low	Mod.-High
SE TRIBS (LITTLE SCIOTO RIVER AND PINE CREEK) - [Watershed QHEI: 73.3, N = 9]													

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH33 3] - LITTLE SCIOTO RIVER (ROCKY FORK TO OHIO RIVER) Upper RM: 18.35 / Lower RM: 0.00													
72.75	67.00	78.50	74.2	3.1(8.0)	3.1(8.0)	3.1(8.0)	200.00	200.00	200.00	2	WWH	High	Mod.
[OH33 12] - ROCKY FORK Upper RM: 15.00 / Lower RM: 0.00													
77.50	77.50	77.50	77.5	4.3(6.0)	4.3(6.0)	4.3(6.0)	68.40	68.40	68.40	1	WWH	Very High Quality	Low
[OH33 28] - LITTLE SCIOTO RIVER (HOLLAND FORK TO ROCKY FORK) Upper RM: 24.12 / Lower RM: 18.35													
77.00	77.00	77.00	74.2	3.4(8.0)	3.4(8.0)	3.4(8.0)	108.00	108.00	108.00	1	WWH	Very High Quality	Low-Mod.
[OH33 31] - BEAR RUN Upper RM: 2.80 / Lower RM: 0.00													
70.50	70.50	70.50	70.5	69.0(4.0)	69.0(4.0)	69.0(4.0)	2.60	2.60	2.60	1	WWH	High	Low
[OH33 61] - PINE CREEK (HALES CREEK TO LITTLE PINE CREEK) Upper RM: 38.15 / Lower RM: 19.53													
73.25	72.50	74.00	73.3	3.0(8.0)	3.0(8.0)	3.0(8.0)	107.00	107.00	107.00	2	WWH	High	Low-Mod.
[OH33 75.1] - WINKLER RUN Upper RM: 2.67 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH33 75.11] - TRIB. TO WINKLER RUN Upper RM: 1.60 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH33 81] - STORMS CREEK Upper RM: 15.50 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	5.5(6.0)	5.5(6.0)	5.5(6.0)	32.10	32.10	32.10	1	WWH	High	Low
[OH33 86] - ICE CREEK Upper RM: 14.50 / Lower RM: 0.00													
74.00	74.00	74.00	74.0	7.3(10)	7.3(10)	7.3(10)	36.90	36.90	36.90	1	WWH	High	Low
UPPER SCIOTO RIVER (AND LITTLE SCIOTO RIVER) - [Watershed QHEI: 47.2, N = 72]													
[OH34 1] - LITTLE SCIOTO RIVER (ROCK FORK TO SCIOTO RIVER) Upper RM: 10.42 / Lower RM: 0.00													
44.14	30.00	76.00	44.5	1.2(3.7)	0.3(2.0)	2.9(6.0)	90.61	72.50	110.00	14	WWH; MWH-C	Essentially None	High
[OH34 1.1] - ROCKSWALE DITCH Upper RM: 2.50 / Lower RM: 0.00													
29.75	24.50	35.00	29.8	4.3(5.0)	3.0(4.0)	5.6(6.0)	1.60	0.20	3.00	2	LRW	Essentially None	High
[OH34 1.2] - COLUMBIA DITCH Upper RM: 2.26 / Lower RM: 0.00													
44.00	44.00	44.00	44.0	9.1(6.0)	9.1(6.0)	9.1(6.0)	1.70	1.70	1.70	1	MWH-C	Essentially None	High
[OH34 1.3] - NORTH ROCKSWALE DITCH Upper RM: 6.71 / Lower RM: 0.00													
38.75	36.50	41.00	38.8	3.8(4.0)	3.8(4.0)	3.8(4.0)	3.00	3.00	3.00	2	MWH-C	Essentially None	High
[OH34 1.4] - RIDER DITCH Upper RM: 1.15 / Lower RM: 0.00													
26.00	26.00	26.00	26.0	37.0(8.0)	37.0(8.0)	37.0(8.0)	0.30	0.30	0.30	1	LRW	Essentially None	High
[OH34 1.5] - COSIC DITCH Upper RM: 2.70 / Lower RM: 0.00													
49.50	49.50	49.50	49.5	33.3(8.0)	33.3(8.0)	33.3(8.0)	0.50	0.50	0.50	1	WWH	Moderate	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH34 2] - HONEY CREEK Upper RM: 2.30 / Lower RM: 0.00													
74.00	74.00	74.00	74.0	25.0(10)	25.0(10)	25.0(10)	7.30	7.30	7.30	1	WWH	High	Low
[OH34 3] - LITTLE SCIOTO RIVER (HEADWATERS TO ROCK FORK) Upper RM: 27.22 / Lower RM: 10.42													
49.00	49.00	49.00	44.5	2.9(6.0)	2.9(6.0)	2.9(6.0)	47.00	47.00	47.00	1	WWH	Moderate-High	Low-Mod.
[OH34 5] - SCIOTO RIVER (RUSH CREEK TO LITTLE SCIOTO RIVER) Upper RM: 189.60 / Lower RM: 177.35													
66.38	62.00	69.50	72.5	0.6(4.0)	0.2(4.0)	0.7(4.0)	407.50	407.00	408.00	4	WWH	Moderate - High	High
[OH34 8] - RUSH CREEK Upper RM: 40.10 / Lower RM: 0.00													
50.00	50.00	50.00	50.0	2.8(6.0)	2.8(6.0)	2.8(6.0)	85.00	85.00	85.00	1	WWH	Moderate-High	Low
[OH34 9] - MCDONALD CREEK Upper RM: 10.75 / Lower RM: 0.00													
46.63	21.50	64.50	46.6	6.8(6.5)	5.3(6.0)	11.1(8.0)	5.98	2.70	12.70	4	WWH	Moderate	Mod.-High
[OH34 11] - BIG SWALE Upper RM: 5.00 / Lower RM: 0.00													
8.50	8.50	8.50	8.5	2.4(4.0)	2.4(4.0)	2.4(4.0)	7.70	7.70	7.70	1	LRW	Essentially None	High
[OH34 13] - SCIOTO RIVER (PANTHER CREEK TO RUSH CREEK) Upper RM: 203.56 / Lower RM: 189.60													
63.67	52.50	78.00	72.5	1.3(5.3)	0.9(4.0)	2.1(8.0)	236.67	223.00	261.00	3	WWH	Moderate - High	High
[OH34 14] - WILDCAT CREEK Upper RM: 12.20 / Lower RM: 0.00													
39.00	28.00	50.00	39.0	7.4(8.0)	6.0(6.0)	8.8(10)	13.90	5.80	22.00	2	WWH	Low	Mod.
[OH34 17] - SCIOTO RIVER (SILVER CREEK TO PANTHER CREEK) Upper RM: 213.07 / Lower RM: 203.56													
47.33	37.00	57.50	72.5	1.9(6.7)	1.2(6.0)	3.3(8.0)	167.00	160.00	178.00	6	WWH	Moderate-High	High
[OH34 18] - PANTHER CREEK Upper RM: 10.70 / Lower RM: 0.00													
73.67	66.50	81.00	73.7	10.1(9.3)	6.1(8.0)	12.2(10)	15.37	7.90	22.10	3	WWH	High	Mod.-High
[OH34 24] - SCIOTO RIVER (HEADWATERS TO SILVER CREEK) Upper RM: 238.00 / Lower RM: 213.07													
42.27	23.00	65.50	72.5	2.2(5.5)	1.0(4.0)	7.0(10)	80.45	25.00	129.00	11	WWH	MODERATE	High
[OH34 25] - TAYLOR CREEK Upper RM: 7.80 / Lower RM: 0.00													
63.70	46.50	77.50	63.7	8.2(8.4)	5.1(6.0)	16.7(10)	14.18	12.00	16.30	5	WWH	High	High
[OH34 26] - SILVER CREEK Upper RM: 7.30 / Lower RM: 0.00													
66.25	64.50	68.00	66.3	10.5(10)	10.5(10)	10.5(10)	13.60	13.60	13.60	2	WWH	High	Mod.
[OH34 32] - COTTONWOOD DITCH Upper RM: 6.00 / Lower RM: 0.00													
29.07	20.00	36.00	29.1	2.4(4.3)	2.1(4.0)	3.7(6.0)	15.26	4.00	19.80	7	WWH; MWH-C	Essentially None	High
SCIOTO RIVER (MILL CR.,BOKES CR., FULTON CR.) - [Watershed QHEI: 62.2, N = 74]													
[OH35 1] - MILL CREEK (OTTER RUN TO SCIOTO RIVER) Upper RM: 23.80 / Lower RM: 0.00													
71.41	55.00	91.00	70.2	6.3(7.6)	0.1(4.0)	12.5(10)	110.14	82.00	179.00	22	WWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence	
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max					
[OH35 1.1] - TOWN RUN Upper RM: 1.75 / Lower RM: 0.00														
53.17	45.50	60.50	53.2	8.8(6.0)	8.8(6.0)	8.8(6.0)	1.33	1.20	1.50	3	NONE	Moderate-High	Mod.-High	
[OH35 2] - BLUES CREEK Upper RM: 22.70 / Lower RM: 0.00														
62.50	49.50	71.50	62.5	7.3(8.7)	5.0(6.0)	8.5(10)	32.63	25.30	36.30	3	MWH-C; WWH	Essentially None	High	
[OH35 7] - BMY TRIBUTARY Upper RM: 5.17 / Lower RM: 0.00														
27.00	27.00	27.00	27.0	10.0(6.0)	10.0(6.0)	10.0(6.0)	0.90	0.90	0.90	1	LRW	Essentially None	High	
[OH35 8] - CROSSES RUN Upper RM: 2.20 / Lower RM: 0.00														
52.88	34.00	73.50	47.9	15.6(10)	15.4(10)	15.9(10)	3.25	1.50	5.00	4	WWH	Moderate-High	Mod.-High	
[OH35 8.1] - TRIB. TO CROSSES RUN (O.M. SCOTT) Upper RM: 2.10 / Lower RM: 0.00														
37.75	30.50	45.00	37.8	10.1(8.0)	10.1(8.0)	10.1(8.0)	1.30	1.10	1.50	2	NONE	Low	Mod.	
[OH35 9] - MILL CREEK (HEADWATERS TO OTTER RUN) Upper RM: 37.80 / Lower RM: 23.80														
67.10	58.50	73.00	70.2	4.6(6.0)	3.6(6.0)	5.9(6.0)	61.80	37.00	72.00	5	WWH	High	High	
[OH35 11] - OTTER CREEK Upper RM: 5.80 / Lower RM: 0.00														
67.20	44.00	80.50	59.4	23.7(9.6)	7.0(8.0)	40.0(10)	3.40	1.20	11.10	5	WWH	High	High	
[OH35 12] - SCIOTO RIVER (BOKES CREEK TO MILL CREEK) Upper RM: 161.88 / Lower RM: 155.40														
78.33	72.00	89.00	72.5	4.4(10)	3.0(10)	5.1(10)	757.67	755.00	763.00	3	WWH	Very High Quality	High	
[OH35 15] - BOKES CREEK (BRUSH RUN TO SCIOTO RIVER) Upper RM: 19.71 / Lower RM: 0.00														
72.44	64.00	82.50	63.1	7.1(7.3)	3.6(6.0)	14.7(8.0)	71.90	61.00	84.10	8	WWH	High	High	
[OH35 18] - BOKES CREEK (HEADWATERS TO BRUSH RUN) Upper RM: 39.70 / Lower RM: 19.71														
53.81	43.50	63.50	63.1	3.5(5.5)	2.3(4.0)	4.4(6.0)	39.38	34.00	45.00	8	WWH	Moderate-High	High	
[OH35 18.1] - POWDERLICK RUN Upper RM: 5.90 / Lower RM: 0.00														
48.00	34.00	60.50	48.0	27.3(8.0)	11.9(8.0)	35.0(8.0)	3.40	3.00	3.60	3	NONE	Moderate-High	Mod.-High	
[OH35 21] - W. FK. WEST MANSFIELD TRIB. Upper RM: 2.50 / Lower RM: 0.00														
59.00	59.00	59.00	59.0	4.4(4.0)	4.4(4.0)	4.4(4.0)	5.00	5.00	5.00	1	WWH	Low - Moderate	Low	
[OH35 23] - MAYOR PAINTER DITCH Upper RM: 3.60 / Lower RM: 0.00														
												LRW	Essentially None	High
[OH35 25] - FULTON CREEK Upper RM: 16.60 / Lower RM: 0.00														
55.00	55.00	55.00	55.0	3.9(6.0)	3.9(6.0)	3.9(6.0)	23.00	23.00	23.00	1	WWH	Moderate-High	Low	
[OH35 25.1] - TRIB. TO FULTON CREEK Upper RM: 3.30 / Lower RM: 0.00														
19.50	19.50	19.50	19.5	11.6(8.0)	11.6(8.0)	11.6(8.0)	2.90	2.90	2.90	1	LRW	Essentially None	High	
[OH35 27] - SCIOTO RIVER (LITTLE SCIOTO RIVER TO FULTON CREEK) Upper RM: 177.35 / Lower RM: 165.44														
51.33	41.50	63.50	72.5	1.4(5.3)	0.7(4.0)	2.6(8.0)	537.33	522.00	564.00	3	WWH	Moderate-High	High	

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH35 30] - OTTAWA CREEK Upper RM: 4.10 / Lower RM: 0.00													
22.00	22.00	22.00	19.3	2.5(4.0)	2.5(4.0)	2.5(4.0)	3.80	3.80	3.80	1	LRW; WWH	Essentially None	High
UPPER OLENTANGY RIVER - [Watershed QHEI: 64.0, N = 39]													
[OH36 1] - OLENTANGY RIVER (WHETSTONE CREEK TO DELAWARE RUN) Upper RM: 36.07 / Lower RM: 25.71													
67.50	52.00	83.00	74.6	1.9(6.0)	0.1(4.0)	3.6(8.0)	401.50	394.00	409.00	2	WWH	Moderate - High	Mod.
[OH36 11] - SHAW CREEK Upper RM: 18.20 / Lower RM: 0.00													
59.50	59.00	60.00	59.5	6.5(10)	6.5(10)	6.5(10)	30.00	30.00	30.00	2	WWH	Moderate-High	Low-Mod.
[OH36 12] - WHETSTONE CREEK (HEADWATERS TO SHAW CREEK) Upper RM: 34.97 / Lower RM: 8.47													
70.67	38.50	90.00	70.7	7.3(8.2)	5.1(6.0)	15.6(10)	41.89	26.00	62.00	9	EWH	High	High
[OH36 21.1] - MACK DITCH Upper RM: 1.79 / Lower RM: 0.00													
22.00	22.00	22.00	22.0	5.3(6.0)	5.3(6.0)	5.3(6.0)	2.80	2.80	2.80	1	LRW	Essentially None	High
[OH36 21.2] - LAUCHER & BERRINGER DITCH Upper RM: 1.06 / Lower RM: 0.00													
25.00	25.00	25.00	25.0	5.3(6.0)	5.3(6.0)	5.3(6.0)	1.40	1.40	1.40	1	LRW	Essentially None	High
[OH36 22] - GRAVE CREEK Upper RM: 8.60 / Lower RM: 0.00													
80.50	80.50	80.50	80.5	8.6(10)	8.6(10)	8.6(10)	11.70	11.70	11.70	1	WWH	Very High Quality	Low
[OH36 23] - OLENTANGY RIVER (MUD RUN TO GRAVE CREEK) Upper RM: 62.44 / Lower RM: 45.35													
76.50	69.00	86.00	74.6	5.7(8.7)	3.9(8.0)	9.3(10)	135.00	91.00	157.00	3	WWH	Very High Quality	High
[OH36 30] - FLAT RUN Upper RM: 15.40 / Lower RM: 0.00													
63.00	63.00	63.00	63.0	3.3(6.0)	3.3(6.0)	3.3(6.0)	40.90	40.90	40.90	1	WWH	High	Low
[OH36 34] - MUD RUN (TRIB. OF OLENTANGY RIVER) Upper RM: 10.50 / Lower RM: 0.00													
27.50	27.50	27.50	27.5	3.7(6.0)	3.7(6.0)	3.7(6.0)	17.70	17.70	17.70	1	MWH	Essentially None	High
[OH36 35] - OLENTANGY RIVER (HEADWATERS TO MUD RUN) Upper RM: 92.98 / Lower RM: 62.44													
72.86	45.50	91.50	74.6	11.7(8.6)	1.5(4.0)	17.2(10)	18.95	4.50	67.00	14	WWH	High	High
[OH36 35.1] - ZIMMERMAN DITCH Upper RM: 3.20 / Lower RM: 0.00													
42.00	27.00	57.00	42.0	16.8(9.0)	13.9(8.0)	19.6(10)	0.35	0.30	0.40	2	LRW	Essentially None	High
[OH36 35.2] - SHUMAKER DITCH Upper RM: 0.95 / Lower RM: 0.00													
27.50	21.00	34.00	27.5	40.0(8.0)	40.0(8.0)	40.0(8.0)	0.30	0.30	0.30	2	LRW	Essentially None	High
LOWER OLENTANGY RIVER - [Watershed QHEI: 69.9, N = 118]													
[OH37 1] - SCIOTO RIVER (SCIOTO BIG RUN TO BIG WALNUT CREEK) Upper RM: 124.40 / Lower RM: 117.15													
75.14	65.00	85.50	72.5	1.6(10)	1.4(10)	2.5(10)	1696.97	999.00	1708.00	33	WWH	Very High Quality	High
[OH37 1.1] - REPUBLICAN RUN (GROVE CITY) Upper RM: 3.50 / Lower RM: 0.00													
58.50	54.50	62.50	58.5	33.9(9.0)	27.8(8.0)	40.0(10)	2.75	1.00	4.50	2	WWH	Moderate-High	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH37 1.2] - SOUTH BRANCH REPUBLICAN RUN Upper RM: 3.75 / Lower RM: 0.00													
39.50	32.00	47.00	39.5	51.3(6.0)	31.3(4.0)	71.4(8.0)	1.00	0.90	1.10	2	LRW	Essentially None	High
[OH37 3] - GRANT RUN Upper RM: 2.20 / Lower RM: 0.00													
68.83	47.00	87.00	68.8	18.3(9.3)	14.3(8.0)	26.3(10)	11.10	10.30	12.60	3	WWH	High	Mod.-High
[OH37 4] - SCIOTO BIG RUN Upper RM: 8.00 / Lower RM: 0.00													
63.00	61.00	64.50	63.0	15.3(9.3)	6.9(8.0)	26.3(10)	17.20	14.30	18.80	3	WWH	High	Mod.-High
[OH37 5] - MARSH RUN Upper RM: 3.00 / Lower RM: 0.00													
67.00	67.00	67.00	67.0	37.0(8.0)	37.0(8.0)	37.0(8.0)	1.90	1.90	1.90	1	WWH	High	Low
[OH37 6] - SCIOTO RIVER (OLENTANGY RIVER TO SCIOTO BIG RUN) Upper RM: 132.33 / Lower RM: 124.40													
66.29	26.50	83.00	72.5	1.5(9.3)	0.1(6.0)	1.9(10)	1623.45	999.00	1629.00	29	MWH-I; WWH	Essentially None	High
[OH37 6.1] - WILLIAMS DITCH Upper RM: 2.40 / Lower RM: 0.00													
20.50	20.50	20.50	20.5	5.1(6.0)	5.1(6.0)	5.1(6.0)	1.60	1.60	1.60	1	LRW	Essentially None	High
[OH37 9] - OLENTANGY RIVER (BARTHOLOMEW RUN TO SCIOTO RIVER) Upper RM: 14.48 / Lower RM: 0.00													
73.06	54.00	89.50	74.6	2.5(6.8)	0.1(4.0)	6.0(10)	523.63	489.00	543.00	8	EWH; WWH	High	High
[OH37 9.1] - NORMAN DITCH (COLUMBUS) Upper RM: 1.50 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH37 12] - RUSH RUN Upper RM: 1.50 / Lower RM: 0.00													
69.00	69.00	69.00	69.0	83.3(4.0)	83.3(4.0)	83.3(4.0)	1.90	1.90	1.90	1	WWH	High	
[OH37 13] - OLENTANGY RIVER (DELAWARE RUN TO BARTHOLOMEW RUN) Upper RM: 25.71 / Lower RM: 14.48													
80.43	67.50	94.00	74.6	6.5(9.1)	3.0(8.0)	11.1(10)	445.00	431.00	483.00	7	WWH; EWH	Extremely High	High
[OH37 19] - SCIOTO RIVER (INDIAN RUN TO OLENTANGY RIVER) Upper RM: 145.18 / Lower RM: 132.33													
72.50	51.00	83.50	72.5	1.0(8.7)	0.1(6.0)	1.5(10)	1058.17	999.00	1068.00	18	WWH	Moderate - High	High
[OH37 19.2] - TRABUE RUN Upper RM: 5.30 / Lower RM: 0.00													
58.00	48.50	63.50	58.0	36.3(8.5)	22.2(4.0)	71.4(10)	2.48	0.70	5.90	4		Moderate-High	Mod.-High
[OH37 20] - DRY RUN Upper RM: 1.40 / Lower RM: 0.00													
70.50	70.50	70.50	62.5	33.3(8.0)	33.3(8.0)	33.3(8.0)	5.70	5.70	5.70	1	WWH	High	Low-Mod.
[OH37 25] - SCIOTO RIVER (MILL CREEK TO INDIAN RUN) Upper RM: 155.40 / Lower RM: 145.18													
73.67	50.00	88.00	72.5	2.9(8.7)	0.1(6.0)	4.3(10)	985.67	977.00	990.00	3	WWH	High	High
[OH37 27] - EVERSOLE RUN Upper RM: 3.60 / Lower RM: 0.00													
61.00	52.00	70.00	61.0	29.5(3.0)	0.1(2.0)	58.8(4.0)	11.95	9.80	14.10	2	WWH	High	Mod.

BIG WALNUT CREEK - [Watershed QHEI: 69.2, N = 56]

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH38 1] - BIG WALNUT CREEK (ALUM/BLACKLICK CR. TO SCIOTO R.) Upper RM: 15.30 / Lower RM: 0.00													
68.13	62.50	80.00	75.7	3.0(8.0)	1.8(6.0)	5.3(10)	545.25	534.00	555.00	4	EWH	High	High
[OH38 2] - ALUM CREEK (COLUMBUS BOUNDARY TO BIG WALNUT CREEK) Upper RM: 19.90 / Lower RM: 0.00													
75.19	64.00	89.00	75.2	4.2(9.5)	2.7(8.0)	6.0(10)	173.00	146.00	199.00	8	WWH	Very High Quality	High
[OH38 2.2] - AMERICAN DITCH (ALUM CREEK RM 9.45) Upper RM: 2.60 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH38 4.2] - NOBLE RUN (SPRING HOLLOW) Upper RM: 6.11 / Lower RM: 0.00													
66.00	66.00	66.00	66.0	23.8(10)	23.8(10)	23.8(10)	3.90	3.90	3.90	1	WWH	High	Low
[OH38 4.3] - TRIB. TO ALUM CREEK (POLARIS) Upper RM: 3.55 / Lower RM: 0.00													
45.00	38.50	51.50	45.0	31.9(7.0)	20.4(4.0)	43.5(10)	0.45	0.40	0.50	2		Low	Mod.
[OH38 17] - BLACKLICK CREEK Upper RM: 28.00 / Lower RM: 0.00													
67.50	39.00	94.50	67.5	14.8(9.1)	6.0(8.0)	28.6(10)	34.71	4.30	60.00	13	WWH; EWH	High	High
[OH38 18] - BIG WALNUT CREEK (ROCKY FORK TO ALUM CREEK) Upper RM: 28.30 / Lower RM: 15.30													
80.67	67.00	89.00	75.7	4.8(9.7)	2.9(8.0)	5.3(10)	247.33	206.00	272.00	6	WWH; EWH	Very High Quality	High
[OH38 20] - BIG WALNUT CREEK (HOOVER RES. DAM TO ROCKY FORK) Upper RM: 37.60 / Lower RM: 28.30													
86.00	84.00	88.50	75.7	4.9(10)	4.4(10)	5.8(10)	193.00	190.00	199.00	3	WWH	Very High Quality	High
[OH38 21] - ROCKY FORK Upper RM: 13.00 / Lower RM: 0.00													
61.55	49.50	90.50	61.5	14.1(7.6)	7.9(4.0)	45.5(10)	14.15	5.90	25.60	11	WWH; EWH	High	High
[OH38 21.1] - ROSE RUN Upper RM: 3.40 / Lower RM: 0.00													
70.00	68.50	71.50	70.0	31.1(9.0)	22.2(8.0)	40.0(10)	1.95	1.30	2.60	2	WWH	High	Mod.
[OH38 21.2] - SUGAR RUN (NEW ALBANY) Upper RM: 5.83 / Lower RM: 0.00													
68.50	60.00	77.00	68.5	14.6(9.0)	13.3(8.0)	15.9(10)	3.75	3.50	4.00	2	WWH	High	Mod.
[OH38 36] - BIG WALNUT CREEK (REYNOLDS RUN TO CULVER CREEK) Upper RM: 62.76 / Lower RM: 53.35													
75.00	72.50	77.50	75.7	18.2(8.0)	18.2(8.0)	18.2(8.0)	35.00	35.00	35.00	2	WWH	Very High Quality	Mod.
[OH38 40] - BIG WALNUT CREEK (HEADWATERS TO REYNOLDS RUN) Upper RM: 71.70 / Lower RM: 62.76													
61.00	57.50	64.50	75.7	6.8(8.0)	5.0(6.0)	8.7(10)	22.00	17.00	27.00	2	WWH	High	Mod.
BIG DARBY CREEK - [Watershed QHEI: 68.0, N = 192]													
[OH39 1] - BIG DARBY CREEK (DARBYVILLE TO SCIOTO RIVER) Upper RM: 12.93 / Lower RM: 0.00													
87.38	81.00	91.50	82.7	2.9(8.0)	2.9(8.0)	3.3(8.0)	551.00	545.00	552.00	8	EWH	Extremely High	High
[OH39 1.1] - TRIB. TO BIG DARBY CREEK (RM 8.80) Upper RM: 3.50 / Lower RM: 0.00													
76.00	76.00	76.00	71.5	55.6(4.0)	55.6(4.0)	55.6(4.0)	1.40	1.40	1.40	1	WWH	Very High Quality	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH39 1.2] - TRIB. TO BIG DARBY CREEK (RM 9.11) Upper RM: 2.30 / Lower RM: 0.00													
76.00	71.50	80.50	76.0	39.1(7.0)	25.6(4.0)	52.6(10)	3.05	1.80	4.30	2		Very High Quality	
[OH39 2] - BIG DARBY CREEK (HELLBRANCH RUN TO LIZZARD RUN) Upper RM: 25.70 / Lower RM: 12.93													
88.92	80.00	98.50	82.7	5.4(10)	4.1(10)	7.9(10)	512.92	496.00	534.00	12	EWB	Extremely High	High
[OH39 6] - HELLBRANCH RUN Upper RM: 11.18 / Lower RM: 0.00													
67.08	43.50	88.00	67.1	10.7(9.2)	3.4(6.0)	20.8(10)	31.28	23.70	35.40	12	WWH	High	High
[OH39 6.1] - CLOVER GROFF DITCH Upper RM: 8.50 / Lower RM: 0.00													
36.30	25.00	65.00	36.3	9.0(6.5)	3.1(4.0)	12.1(8.0)	4.81	1.60	6.70	15	MWH-C; WWH	Essentially None	High
[OH39 6.2] - HAMILTON DITCH Upper RM: 6.20 / Lower RM: 0.00													
53.50	34.00	74.50	53.5	8.6(7.2)	4.4(4.0)	11.9(10)	5.68	3.40	9.40	5	MWH-C; WWH	Essentially None	High
[OH39 7] - BIG DARBY CREEK (L. DARBY CREEK TO HELLBRANCH RUN) Upper RM: 34.10 / Lower RM: 25.70													
86.25	80.50	94.00	82.7	4.9(10)	4.1(10)	5.9(10)	446.33	433.00	453.00	6	EWB	Extremely High	High
[OH39 8] - LITTLE DARBY CREEK (SPRING FORK TO BIG DARBY CR.) Upper RM: 7.50 / Lower RM: 0.00													
83.67	56.00	100.00	74.2	8.0(10)	5.6(10)	9.9(10)	169.67	163.00	176.00	3	EWB	Very High	High
[OH39 9] - SPRING FORK Upper RM: 16.00 / Lower RM: 0.00													
70.67	48.00	90.00	70.7	11.5(8.7)	3.3(6.0)	17.2(10)	20.57	4.30	38.10	3	EWB	High	Mod.-High
[OH39 10] - LITTLE DARBY CREEK (TREACLE CREEK TO SPRING FORK) Upper RM: 31.30 / Lower RM: 7.50													
73.57	52.50	91.00	74.2	2.6(7.0)	2.0(4.0)	2.7(8.0)	126.33	83.00	151.00	21	EWB	High	High
[OH39 12] - TREACLE CREEK Upper RM: 14.20 / Lower RM: 0.00													
49.50	33.00	66.00	49.5	8.4(8.0)	3.5(6.0)	13.3(10)	23.80	10.30	37.30	2	EWB	Moderate-High	Low-Mod.
[OH39 13] - PROCTOR RUN Upper RM: 6.00 / Lower RM: 0.00													
71.50	71.50	71.50	71.5	12.4(10)	12.4(10)	12.4(10)	10.00	10.00	10.00	1	EWB	High	Low
[OH39 15] - LITTLE DARBY CREEK (HEADWATERS TO TREACLE CREEK) Upper RM: 45.00 / Lower RM: 31.30													
70.50	41.50	91.00	74.2	18.7(7.5)	4.5(4.0)	43.5(10)	14.30	2.80	28.00	4	EWB	High	High
[OH39 19] - BIG DARBY CREEK (FITZGERALD DITCH TO L. DARBY CR.) Upper RM: 44.96 / Lower RM: 34.10													
83.55	69.50	97.50	82.7	5.5(9.3)	3.5(8.0)	9.8(10)	235.36	217.00	247.00	11	EWB	Extremely High	High
[OH39 19.1] - FITZGERALD DITCH Upper RM: 4.60 / Lower RM: 0.00													
38.50	38.50	38.50	38.5	33.3(8.0)	33.3(8.0)	33.3(8.0)	4.90	4.90	4.90	1		Low	Low
[OH39 21] - BIG DARBY CREEK (SUGAR RUN TO FITZGERALD DITCH) Upper RM: 50.92 / Lower RM: 44.96													
84.75	73.50	96.00	82.7	4.1(9.0)	3.5(8.0)	4.7(10)	200.00	188.00	212.00	2	EWB	Extremely High	Mod.
[OH39 22] - BIG DARBY CREEK (BUCK RUN TO SUGAR RUN) Upper RM: 63.74 / Lower RM: 50.92													
81.58	66.00	95.50	82.7	5.0(9.2)	3.4(8.0)	8.9(10)	131.54	89.00	156.00	13	EWB	Extremely High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH39 23] - SUGAR RUN Upper RM: 8.00 / Lower RM: 0.00													
58.73	34.00	72.00	56.0	3.0(6.9)	0.1(6.0)	9.1(10)	****.**	3.90	****.**	31	WWH	Moderate-High	High
[OH39 24] - ROBINSON RUN Upper RM: 3.20 / Lower RM: 0.00													
72.00	72.00	72.00	72.0	15.9(10)	15.9(10)	15.9(10)	11.50	11.50	11.50	1	WWH	High	Low
[OH39 26] - BIG DARBY CREEK (SPAIN CREEK TO BUCK RUN) Upper RM: 74.30 / Lower RM: 63.74													
73.00	67.50	78.50	82.7	5.1(7.0)	4.4(6.0)	5.9(8.0)	78.50	74.00	83.00	2	EWH	High	Mod.
[OH39 27] - BUCK RUN Upper RM: 14.70 / Lower RM: 0.00													
55.19	30.50	81.50	55.2	7.3(7.3)	4.8(6.0)	14.7(10)	15.76	2.40	29.80	16	WWH	Moderate-High	High
[OH39 30] - PLEASANT RUN Upper RM: 8.00 / Lower RM: 0.00													
67.50	67.50	67.50	67.5	14.3(10)	14.3(10)	14.3(10)	9.40	9.40	9.40	1	EWH	High	Low
[OH39 31] - BIG DARBY CREEK (HEADWATERS TO SPAIN CREEK) Upper RM: 83.70 / Lower RM: 74.30													
71.15	63.50	77.00	82.7	15.0(8.4)	6.9(4.0)	43.5(10)	15.10	1.50	32.00	10	WWH; EWH	High	High
[OH39 31.1] - SPAIN CREEK Upper RM: 7.30 / Lower RM: 0.00													
77.00	74.00	82.50	77.0	21.4(9.5)	11.4(8.0)	26.3(10)	8.33	6.00	9.10	4	WWH	Very High Quality	Mod.-High
[OH39 32] - LITTLE DARBY CREEK Upper RM: 6.00 / Lower RM: 0.00													
76.00	63.50	88.50	76.0	28.8(9.0)	26.3(8.0)	31.3(10)	3.90	2.40	5.40	2	EWH	Very High Quality	Mod.
[OH39 33] - FLAT BRANCH Upper RM: 4.70 / Lower RM: 0.00													
39.00	28.50	60.00	39.0	4.9(6.0)	4.9(6.0)	4.9(6.0)	14.07	13.90	14.40	3	MWH-C	Essentially None	High
WALNUT CREEK - [Watershed QHEI: 74.5, N = 106]													
[OH40 1] - SCIOTO RIVER (WALNUT CREEK TO BIG DARBY CREEK) Upper RM: 106.10 / Lower RM: 100.80													
78.44	72.00	87.50	72.5	1.2(8.9)	1.0(8.0)	1.4(10)	2622.33	999.00	2638.00	18	EWH	Very High Quality	High
[OH40 4] - WALNUT CREEK (LITTLE WALNUT CREEK TO SCIOTO RIVER) Upper RM: 5.47 / Lower RM: 0.00													
78.00	74.00	81.00	72.0	2.8(8.0)	2.6(8.0)	3.3(8.0)	276.67	272.00	285.00	3	WWH	Very High Quality	High
[OH40 5] - LITTLE WALNUT CREEK Upper RM: 12.45 / Lower RM: 0.00													
58.00	58.00	58.00	58.0	25.0(6.0)	25.0(6.0)	25.0(6.0)	44.00	44.00	44.00	1	WWH	Moderate-High	Low
[OH40 9] - WALNUT CREEK (GEORGE CREEK TO LITTLE WALNUT CREEK) Upper RM: 21.15 / Lower RM: 5.47													
70.42	59.00	79.00	72.0	3.2(8.7)	2.5(8.0)	5.1(10)	191.17	177.00	212.00	6	WWH	High	High
[OH40 12.1] - TRIB. TO GEORGES CREEK Upper RM: 8.50 / Lower RM: 0.00													
65.00	65.00	65.00	65.0	41.7(4.0)	41.7(4.0)	41.7(4.0)	1.50	1.50	1.50	1	NONE	High	Low
[OH40 13] - WALNUT CREEK (SYCAMORE CREEK TO GEORGE CREEK) Upper RM: 29.18 / Lower RM: 21.15													
72.10	65.50	76.00	72.0	3.8(9.2)	3.2(8.0)	4.1(10)	149.20	146.00	152.00	5	WWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH40 14] - TUSSING DITCH Upper RM: 8.00 / Lower RM: 0.00													
47.00	28.00	66.00	47.0	11.5(8.0)	10.6(8.0)	12.3(8.0)	4.00	4.00	4.00	2	MWH-C; WWH	Essentially None	High
[OH40 15] - SYCAMORE CREEK Upper RM: 13.60 / Lower RM: 0.00													
72.80	61.00	80.00	72.8	11.5(10)	6.9(10)	13.0(10)	20.70	17.30	24.30	5	WWH	High	High
[OH40 16] - WALNUT CREEK (PAWPAW CREEK TO SYCAMORE CREEK) Upper RM: 41.39 / Lower RM: 29.18													
72.25	60.50	81.00	72.0	5.4(8.3)	4.8(6.0)	6.8(10)	92.00	62.00	114.00	8	WWH	High	High
[OH40 17] - GILLETTE RUN Upper RM: 6.50 / Lower RM: 0.00													
66.50	66.50	66.50	66.5	6.9(6.0)	6.9(6.0)	6.9(6.0)	3.50	3.50	3.50	1	NONE	High	Low
[OH40 19] - PAWPAW CREEK Upper RM: 4.70 / Lower RM: 0.00													
54.50	52.00	57.00	54.5	10.0(10)	10.0(10)	10.0(10)	14.00	11.00	17.00	2	WWH	Moderate	Mod.
[OH40 20] - ZELLERBACH TRIB. Upper RM: 6.79 / Lower RM: 0.00													
54.00	54.00	54.00	54.0	26.3(10)	26.3(10)	26.3(10)	6.50	6.50	6.50	1	WWH	Moderate-High	Low
[OH40 21] - WALNUT CREEK (HEADWATERS TO PAWPAW CREEK) Upper RM: 54.44 / Lower RM: 41.39													
67.00	62.00	72.00	72.0	5.4(8.0)	4.5(6.0)	6.3(10)	33.50	26.00	41.00	2	WWH	High	Mod.
[OH40 22] - PLEASANTVILLE-THURSTON WWTP TRIB. Upper RM: 7.40 / Lower RM: 0.00													
61.25	58.50	64.00	61.3	9.8(10)	9.8(10)	9.8(10)	10.00	10.00	10.00	2	WWH	High	Mod.
[OH40 23] - SCIOTO RIVER (BIG WALNUT CREEK TO WALNUT CREEK) Upper RM: 117.15 / Lower RM: 106.10													
78.07	59.00	90.00	72.5	1.2(9.1)	1.0(8.0)	1.4(10)	2288.67	999.00	2314.00	49	WWH; EWH	Very High	High
MIDDLE SCIOTO RIVER (INCLUDING DEER CREEK) - [Watershed QHEI: 70.5, N = 103]													
[OH41 1] - SCIOTO RIVER (KINNIKINNICK CREEK TO PAINT CREEK) Upper RM: 82.96 / Lower RM: 63.50													
74.37	54.00	83.50	72.5	1.8(10)	1.7(10)	2.1(10)	3846.07	999.00	3866.00	15	WWH	Moderate - High	High
[OH41 5] - KINNIKINNICK CREEK Upper RM: 14.40 / Lower RM: 0.00													
71.75	63.00	80.50	71.8	8.4(10)	7.8(10)	9.1(10)	22.10	11.30	32.90	2	EWH	High	Low-Mod.
[OH41 6] - SCIOTO RIVER (SCIPPO CREEK TO KINNIKINNICK CREEK) Upper RM: 89.60 / Lower RM: 82.97													
73.20	52.00	86.00	72.5	1.1(9.2)	0.8(8.0)	1.6(10)	3511.00	999.00	3762.00	5	WWH	Moderate - High	High
[OH41 6.1] - BLACKWATER CREEK Upper RM: 7.00 / Lower RM: 0.00													
54.63	26.00	74.00	54.6	18.4(9.0)	9.8(6.0)	24.4(10)	3.55	1.20	6.60	4	WWH	Moderate-High	Mod.-High
[OH41 9] - HAY RUN Upper RM: 7.50 / Lower RM: 0.00													
63.50	63.50	63.50	63.5	10.0(10)	10.0(10)	10.0(10)	20.10	20.10	20.10	1	WWH	High	Low
[OH41 14] - BUSKIRK CREEK Upper RM: 5.30 / Lower RM: 0.00													
72.00	69.50	74.50	72.0	21.4(9.0)	20.0(8.0)	22.7(10)	11.75	8.20	15.30	2	WWH	High	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH41 18] - DEER CREEK (BRADFORD/SUGAR CREEK TO DEER CR. RES.) Upper RM: 41.22 / Lower RM: 29.40													
74.33	57.50	87.50	72.4	7.1(8.7)	3.7(8.0)	11.6(10)	228.67	222.00	236.00	3	WWH	High	High
[OH41 26] - DEER CREEK (OAK RUN TO SUGAR RUN) Upper RM: 50.18 / Lower RM: 41.22													
61.00	53.00	69.00	72.4	5.3(9.0)	3.9(8.0)	6.7(10)	130.50	127.00	134.00	2	WWH	High	Mod.
[OH41 28] - OAK RUN Upper RM: 16.61 / Lower RM: 0.00													
52.90	26.00	84.00	52.9	13.0(8.4)	6.8(6.0)	33.3(10)	13.00	1.50	33.00	10	WWH	Moderate	High
[OH41 30] - DEER CREEK (HEADWATERS TO OAK RUN) Upper RM: 74.50 / Lower RM: 50.18													
80.75	75.50	86.00	72.4	2.1(4.0)	2.1(4.0)	2.1(4.0)	82.00	82.00	82.00	2	WWH	Very High Quality	Mod.
[OH41 33] - SCIOTO RIVER (BIG DARBY CREEK TO SCIPIO CREEK) Upper RM: 100.80 / Lower RM: 89.61													
79.39	48.00	92.50	72.5	1.7(10)	1.0(10)	2.4(10)	3212.84	999.00	3245.00	32	EWH; WWH	Very High	High
[OH41 33.1] - TRIB. TO SCIOTO R. (RCA) Upper RM: 2.80 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH41 34] - SCIPIO CREEK Upper RM: 19.47 / Lower RM: 0.00													
71.58	53.50	83.50	71.6	17.4(9.3)	10.4(4.0)	43.5(10)	25.29	1.50	52.70	12	WWH; EWH	High	High
[OH41 34.1] - TRIB. TO SCIPIO CREEK (RM 16.22) Upper RM: 2.07 / Lower RM: 0.00													
54.50	54.50	54.50	54.5	43.5(4.0)	43.5(4.0)	43.5(4.0)	1.30	1.30	1.30	1	WWH	Moderate-High	Low
[OH41 34.2] - TRIB. TO SCIPIO CREEK (RM 18.87) Upper RM: 0.25 / Lower RM: 0.00													
46.00	46.00	46.00	46.0	62.5(4.0)	62.5(4.0)	62.5(4.0)				1	LRW	Essentially None	High
[OH41 35] - CONGO CREEK Upper RM: 8.50 / Lower RM: 0.00													
70.33	64.50	73.50	70.3	10.7(10)	7.7(10)	12.5(10)	13.57	11.20	16.50	3	EWH	High	Mod.-High
[OH41 36] - YELLOWBUD CREEK Upper RM: 10.60 / Lower RM: 0.00													
78.00	78.00	78.00	78.0	8.5(10)	8.5(10)	8.5(10)	33.10	33.10	33.10	1	EWH	Very High Quality	Low
[OH41 38] - LICK RUN Upper RM: 6.70 / Lower RM: 0.00													
34.00	34.00	34.00	35.8	8.4(6.0)	8.4(6.0)	8.4(6.0)	1.10	1.10	1.10	1	WWH	Low	Low-Mod.
[OH41 39] - HARGUS CREEK Upper RM: 6.60 / Lower RM: 0.00													
59.60	50.50	69.50	59.6	10.8(10)	7.5(10)	15.6(10)	14.50	6.40	19.70	5	WWH	Moderate-High	High
[OH41 40] - HOMINY CREEK Upper RM: 3.70 / Lower RM: 0.00													
51.50	51.50	51.50	51.5	27.8(10)	27.8(10)	27.8(10)	6.50	6.50	6.50	1	WWH	Moderate	Low
UPPER PAINT CREEK - [Watershed QHEI: 65.6, N = 17]													
[OH42 1] - PAINT CREEK (UPPER RESERVOIR TO ROCKY FORK) Upper RM: 51.00 / Lower RM: 37.12													
82.00	82.00	82.00	74.8	8.5(10)	8.5(10)	8.5(10)	260.00	260.00	260.00	1	EWH	Very High Quality	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH42 15] - RATTLESNAKE CREEK (WEST BRANCH TO LEES CREEK) Upper RM: 26.87 / Lower RM: 9.46													
82.50	82.50	82.50	82.5	9.2(10)	9.2(10)	9.2(10)	123.00	123.00	123.00	1	EWH	Very High Quality	Low
[OH42 16] - WEST BRANCH RATTLESNAKE CREEK Upper RM: 11.80 / Lower RM: 0.00													
49.67	29.00	65.00	49.7	4.9(7.3)	2.4(4.0)	7.0(10)	41.27	19.00	63.20	3	WWH	Moderate-High	Mod.-High
[OH42 24] - PAINT CREEK (SUGAR CREEK TO UPPER PAINT CREEK RES) Upper RM: 60.63 / Lower RM: 51.00													
83.33	77.00	89.00	74.8	3.6(8.0)	3.1(8.0)	3.9(8.0)	240.00	224.00	249.00	3	EWH	Very High Quality	High
[OH42 30] - SUGAR CREEK Upper RM: 35.70 / Lower RM: 0.00													
30.00	30.00	30.00	30.0	4.8(6.0)	4.8(6.0)	4.8(6.0)	30.00	30.00	30.00	1	WWH	Essentially None	Low
[OH42 31] - PAINT CREEK (E. FK. PAINT CREEK TO SUGAR CREEK) Upper RM: 69.04 / Lower RM: 60.63													
71.83	62.50	78.00	74.8	1.5(6.7)	0.1(4.0)	2.2(8.0)	119.67	119.00	120.00	3	WWH; EWH	Moderate - High	High
[OH42 35] - PAINT CREEK (JEFFERSONVILLE TO E. FK. PAINT CREEK) Upper RM: 81.60 / Lower RM: 69.04													
61.40	48.00	81.00	74.8	3.0(5.2)	2.4(4.0)	3.7(6.0)	58.20	39.00	67.00	5	WWH	High	High
LOWER PAINT CREEK (N. FK. AND ROCKY FK.) - [Watershed QHEI: 71.7, N = 23]													
[OH43 1] - PAINT CREEK (N. FK. PAINT CREEK TO SCIOTO RIVER) Upper RM: 8.12 / Lower RM: 0.00													
82.00	73.00	93.50	74.8	3.5(10)	3.4(10)	3.8(10)	1140.83	999.00	1144.00	6	EWH; WWH	Extremely High	High
[OH43 8] - NORTH FORK PAINT CREEK (COMPTON CR. TO LITTLE CR.) Upper RM: 24.57 / Lower RM: 11.95													
77.00	77.00	77.00	77.0	6.8(10)	6.8(10)	6.8(10)	160.00	160.00	160.00	1	EWH	Very High Quality	Low
[OH43 15] - COMPTON CREEK Upper RM: 19.90 / Lower RM: 0.00													
83.00	83.00	83.00	83.0	8.7(10)	8.7(10)	8.7(10)	59.00	59.00	59.00	1	EWH	Very High Quality	Low
[OH43 20] - PAINT CREEK (LOWER TWIN CR. TO N. FK. PAINT CR.) Upper RM: 19.57 / Lower RM: 8.12													
81.50	81.50	81.50	74.8	3.8(10)	3.8(10)	3.8(10)	896.00	896.00	896.00	1	EWH	Very High Quality	Low-Mod.
[OH43 27] - PAINT CREEK (ROCKY FORK TO LOWER TWIN CREEK) Upper RM: 37.12 / Lower RM: 19.57													
67.00	67.00	67.00	74.8	6.9(10)	6.9(10)	6.9(10)	732.00	732.00	732.00	1	EWH	High	Low-Mod.
[OH43 49] - CLEAR CREEK Upper RM: 11.90 / Lower RM: 0.00													
69.31	49.00	82.50	69.3	9.6(8.0)	0.1(2.0)	16.1(10)	26.00	13.00	45.00	8	EWH	High	High
[OH43 49.3] - MOBERLY BRANCH CLEAR CREEK Upper RM: 2.64 / Lower RM: 0.00													
67.50	67.50	67.50	67.5	27.4(10)	27.4(10)	27.4(10)	2.50	2.50	2.50	1	WWH	High	Low
[OH43 51] - ROCKY FORK (HEADWATERS TO ROCKY FORK LAKE) Upper RM: 27.50 / Lower RM: 16.88													
56.75	47.00	67.50	56.8	7.9(5.5)	0.1(2.0)	23.0(10)	31.50	14.00	39.00	4	EWH	Moderate-High	Mod.-High
SALT CREEK - [Watershed QHEI: 71.8, N = 30]													
[OH44 1] - SALT CREEK (SALT LICK CREEK TO SCIOTO RIVER) Upper RM: 4.50 / Lower RM: 0.00													
61.75	51.50	72.00	75.4	2.0(8.0)	2.0(8.0)	2.0(8.0)	551.00	549.00	553.00	2	EWH	Moderate - High	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH44 3] - SALT LICK CREEK (BUCKEYE CREEK TO SALT CREEK) Upper RM: 21.28 / Lower RM: 0.00													
68.75	65.00	72.50	68.8	2.4(8.0)	2.4(8.0)	2.4(8.0)	246.00	246.00	246.00	2	WWH	High	Low-Mod.
[OH44 4] - M. FK. SALT LICK CREEK (PIGEON CR TO SALT LICK CR) Upper RM: 4.37 / Lower RM: 0.00													
65.00	65.00	65.00	66.8	2.2(8.0)	2.2(8.0)	2.2(8.0)	109.00	109.00	109.00	1	WWH	High	Low-Mod.
[OH44 8] - M. FK. SALT LICK CREEK (HEADWATERS TO PIGEON CR.) Upper RM: 23.77 / Lower RM: 4.37													
68.50	68.50	68.50	66.8	26.0(10)	26.0(10)	26.0(10)	4.90	4.90	4.90	1	WWH	High	Low-Mod.
[OH44 17] - BUCKEYE CREEK Upper RM: 7.70 / Lower RM: 0.00													
68.00	68.00	68.00	68.0	8.7(10)	8.7(10)	8.7(10)	18.00	18.00	18.00	1	EWH	High	Low
[OH44 19] - SALT CREEK (PIKE RUN TO SALT LICK CREEK) Upper RM: 14.09 / Lower RM: 4.50													
79.75	75.50	84.00	75.4	3.7(9.5)	2.0(8.0)	4.2(10)	286.00	280.00	292.00	4	EWH	Very High Quality	High
[OH44 22] - POE RUN Upper RM: 5.60 / Lower RM: 0.00													
56.00	56.00	56.00	56.0	22.7(10)	22.7(10)	22.7(10)	6.40	6.40	6.40	1	EWH	Moderate-High	Low
[OH44 24] - SALT CREEK (QUEER CREEK TO PIKE RUN) Upper RM: 25.40 / Lower RM: 14.09													
81.17	73.00	87.50	75.4	5.7(10)	4.5(10)	6.3(10)	222.33	214.00	239.00	3	EWH	Very High Quality	High
[OH44 25] - PIKE RUN Upper RM: 9.20 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	7.5(10)	7.5(10)	7.5(10)	22.10	22.10	22.10	1	WWH	High	Low
[OH44 27] - PRETTY RUN Upper RM: 6.80 / Lower RM: 0.00													
74.50	74.50	74.50	74.5	16.2(10)	16.2(10)	16.2(10)	16.70	16.70	16.70	1	EWH	High	Low
[OH44 30] - QUEER CREEK Upper RM: 9.60 / Lower RM: 0.00													
73.50	73.50	73.50	73.5	7.8(10)	7.8(10)	7.8(10)	34.30	34.30	34.30	1	EWH	High	Low
[OH44 32] - EAST FORK QUEER CREEK Upper RM: 6.50 / Lower RM: 0.00													
74.50	74.50	74.50	74.5	15.4(10)	15.4(10)	15.4(10)	13.70	13.70	13.70	1	EWH	High	Low
[OH44 33] - SALT CREEK (LAUREL RUN TO QUEER CREEK) Upper RM: 33.10 / Lower RM: 25.40													
70.17	64.50	75.50	75.4	7.9(10)	7.6(10)	8.6(10)	154.33	115.00	174.00	3	EWH	High	High
[OH44 35] - PINE CREEK Upper RM: 11.80 / Lower RM: 0.00													
75.00	75.00	75.00	72.1	6.6(10)	6.6(10)	6.6(10)	21.30	21.30	21.30	1	WWH	Very High Quality	Low-Mod.
[OH44 44] - LAUREL RUN Upper RM: 13.30 / Lower RM: 0.00													
65.50	65.50	65.50	65.5	9.7(10)	9.7(10)	9.7(10)	42.80	42.80	42.80	1	EWH	High	Low
[OH44 47] - MIDDLE FORK LAUREL RUN Upper RM: 6.20 / Lower RM: 0.00													
70.50	70.50	70.50	70.5	29.9(8.0)	29.9(8.0)	29.9(8.0)	11.30	11.30	11.30	1	EWH	High	Low
[OH44 51] - SALT CREEK (HEADWATERS TO LAUREL CREEK) Upper RM: 45.40 / Lower RM: 33.10													
78.00	74.00	85.50	75.4	19.5(8.0)	10.2(6.0)	30.3(10)	25.40	10.60	48.00	3	EWH	Very High Quality	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH44 54.1] - BEECH FORK Upper RM: 6.97 / Lower RM: 0.00													
64.00	64.00	64.00	64.0	7.5(10)	7.5(10)	7.5(10)	18.60	18.60	18.60	1	EWB	High	Low
[OH44 55] - PLUM RUN Upper RM: 4.30 / Lower RM: 0.00													
62.00	62.00	62.00	62.0	12.5(8.0)	12.5(8.0)	12.5(8.0)	5.40	5.40	5.40	1	EWB	High	Low
SCIOTO RIVER (SUNFISH CR.,BEAVER CR.) - [Watershed QHEI: 76.4, N = 27]													
[OH45 1] - SUNFISH CREEK (CHENOWETH FORK TO SCIOTO RIVER) Upper RM: 8.46 / Lower RM: 0.00													
90.00	90.00	90.00	84.3	1.7(6.0)	1.7(6.0)	1.7(6.0)	132.00	132.00	132.00	1	WWH	Extremely High	Low-Mod.
[OH45 14] - SUNFISH CREEK (HEADWATERS TO MORGAN FORK) Upper RM: 36.00 / Lower RM: 14.33													
78.50	78.50	78.50	84.3	14.9(10)	14.9(10)	14.9(10)	14.30	14.30	14.30	1	WWH	Very High Quality	Low-Mod.
[OH45 20] - BIG BEAVER CREEK Upper RM: 23.20 / Lower RM: 0.00													
69.75	60.50	78.00	69.8	5.7(8.0)	5.2(8.0)	6.1(8.0)	64.33	59.00	69.00	6	WWH	High	High
[OH45 21] - LITTLE BEAVER CREEK Upper RM: 5.90 / Lower RM: 0.00													
76.77	60.00	84.50	76.8	32.9(7.5)	16.0(4.0)	48.8(10)	4.12	2.50	6.30	13	WWH	Very High Quality	High
[OH45 44] - SCIOTO RIVER (SALT CREEK TO PEEPEE CREEK) Upper RM: 51.18 / Lower RM: 38.07													
77.00	77.00	77.00	72.5	1.6(10)	1.6(10)	1.6(10)	5694.00	999.00	5694.00	1	WWH	Very High Quality	Low-Mod.
[OH45 56] - SCIOTO RIVER (PAINT CREEK TO SALT CREEK) Upper RM: 63.50 / Lower RM: 51.18													
81.38	72.50	86.50	72.5	1.7(10)	1.6(10)	1.7(10)	5077.50	999.00	5131.00	4	WWH	Very High Quality	High
[OH45 57] - WALNUT CREEK Upper RM: 21.30 / Lower RM: 0.00													
75.50	75.50	75.50	75.5	10.5(10)	10.5(10)	10.5(10)	47.00	47.00	47.00	1	EWB	Very High Quality	Low
LOWER SCIOTO RIVER (AND SCIOTO BRUSH CREEK) - [Watershed QHEI: 69.7, N = 10]													
[OH46 1] - SCIOTO RIVER (SCIOTO BRUSH CREEK TO OHIO RIVER) Upper RM: 9.20 / Lower RM: 0.00													
82.00	82.00	82.00	72.5	1.1(10)	1.1(10)	1.1(10)	6471.00	999.00	6471.00	1	WWH	Very High Quality	Low-Mod.
[OH46 7] - SCIOTO BRUSH CREEK (MCCULLOUGH CREEK TO SCIOTO R.) Upper RM: 10.20 / Lower RM: 0.00													
78.00	78.00	78.00	78.0	3.0(8.0)	3.0(8.0)	3.0(8.0)	266.00	266.00	266.00	1	EWB	Very High Quality	Low
[OH46 23] - S FK SCIOTO BRUSH (SHAWNEE CR. TO SCIOTO BRUSH CR) Upper RM: 8.30 / Lower RM: 0.00													
87.00	87.00	87.00	87.0	4.0(8.0)	4.0(8.0)	4.0(8.0)	112.00	112.00	112.00	1	EWB	Very High Quality	Low
[OH46 42] - MILL CREEK Upper RM: 5.00 / Lower RM: 0.00													
77.00	77.00	77.00	77.0	9.4(10)	9.4(10)	9.4(10)	17.00	17.00	17.00	1	EWB	Very High Quality	Low
[OH46 84.1] - WEST DITCH (PIKETON D.O.E.) Upper RM: 3.15 / Lower RM: 0.00													
72.25	71.00	73.50	72.3	49.5(6.0)	32.3(4.0)	66.7(8.0)	0.85	0.60	1.10	2	LRW	Essentially None	High
[OH46 90] - BIG RUN Upper RM: 5.50 / Lower RM: 0.00													
57.00	53.50	62.50	57.0	34.8(7.0)	17.0(4.0)	52.6(10)	0.70	0.30	1.00	4	WWH	Moderate-High	Mod.-High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide		Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max					
SW TRIBS (EAGLE CREEK AND STRAIGHT CREEK) - [Watershed QHEI: 58.2, N = 3]														
[OH47 18] - SYCAMORE RUN Upper RM: 1.70 / Lower RM: 0.00														
76.00	76.00	76.00	76.0	26.7(10)	26.7(10)	26.7(10)	1.40	1.40	1.40	1	EWH	Very High Quality	Low	
[OH47 18.1] - TRIB. TO SYCAMORE RUN Upper RM: 0.37 / Lower RM: 0.00														
30.00	30.00	30.00	30.0	120.0(4.0)	120.0(4.0)	120.0(4.0)	0.20	0.20	0.20	1	NONE	Essentially None	Low	
[OH47 27] - EAGLE CREEK(E/N FORK EAGLE CREEK TO OHIO RIVER) Upper RM: 14.56 / Lower RM: 0.00														
68.50	68.50	68.50	68.5	12.0(8.0)	12.0(8.0)	12.0(8.0)	117.00	117.00	117.00	1	EWH; WWH	High	Low	
OHIO BRUSH CREEK - [Watershed QHEI: 69.8, N = 31]														
[OH48 1] - OHIO BRUSH CREEK (SEMPLE CREEK TO OHIO RIVER) Upper RM: 14.10 / Lower RM: 0.00														
63.25	53.00	73.50	74.6	2.1(7.0)	0.1(4.0)	4.1(10)	397.50	371.00	424.00	2	EWH; WWH	High	Mod.	
[OH48 6] - BEASLEY FORK Upper RM: 6.80 / Lower RM: 0.00														
64.00	53.50	74.50	64.0	27.9(7.0)	13.2(4.0)	42.6(10)	13.25	8.50	18.00	2	WWH	High	Mod.	
[OH48 11] - OHIO BRUSH CREEK (WEST FORK TO SEMPLE CREEK) Upper RM: 28.70 / Lower RM: 14.10														
77.17	68.50	86.50	74.6	4.3(8.7)	3.9(8.0)	5.1(10)	352.33	315.00	371.00	3	EWH	Very High Quality	High	
[OH48 13] - LICK CREEK Upper RM: 7.60 / Lower RM: 0.00														
68.50	68.50	68.50	68.5	50.0(4.0)	50.0(4.0)	50.0(4.0)	8.00	8.00	8.00	1	EWH	High	Low	
[OH48 14] - TREBER RUN Upper RM: 4.20 / Lower RM: 0.00														
75.00	75.00	75.00	75.0	30.8(8.0)	30.8(8.0)	30.8(8.0)	7.00	7.00	7.00	1	EWH	Very High Quality	Low	
[OH48 15] - CAVE RUN Upper RM: 3.00 / Lower RM: 0.00														
67.00	67.00	67.00	67.0	57.1(4.0)	57.1(4.0)	57.1(4.0)	3.70	3.70	3.70	1	EWH	High	Low	
[OH48 16] - LOUISE TRIBUTARY Upper RM: 4.00 / Lower RM: 0.00														
73.25	72.50	74.00	73.3	32.2(9.0)	28.4(8.0)	36.0(10)	5.00	2.50	7.50	2	EWH	High	Mod.	
[OH48 18] - WEST FORK (BUCK RUN TO OHIO BRUSH CREEK) Upper RM: 9.00 / Lower RM: 0.00														
72.75	66.50	83.00	69.2	12.1(9.0)	7.6(8.0)	19.1(10)	118.25	77.00	140.00	4	EWH	High	High	
[OH48 22] - CHERRY FORK Upper RM: 10.30 / Lower RM: 0.00														
51.00	51.00	51.00	51.0	22.5(8.0)	22.5(8.0)	22.5(8.0)	20.90	20.90	20.90	1	WWH	Moderate-High	Low	
[OH48 26] - WEST FORK OHIO BRUSH CR. (HEADWATERS TO BUCK RUN) Upper RM: 30.50 / Lower RM: 9.00														
62.00	61.50	62.50	69.2	16.5(9.0)	13.7(8.0)	19.2(10)	33.15	28.20	38.10	2	EWH	High	Mod.	
[OH48 29] - ELK FORK Upper RM: 4.50 / Lower RM: 0.00														
58.00	58.00	58.00	58.0	44.4(4.0)	44.4(4.0)	44.4(4.0)	7.70	7.70	7.70	1	WWH	Moderate-High	Low	
[OH48 31] - OHIO BRUSH CREEK (BAKER FORK TO WEST FORK) Upper RM: 41.20 / Lower RM: 28.70														
80.63	72.00	89.50	74.6	7.7(9.5)	5.0(8.0)	11.5(10)	144.25	133.00	174.00	4	EWH	Very High Quality	High	

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH48 32] - SHIMER RUN Upper RM: 4.50 / Lower RM: 0.00													
72.00	72.00	72.00	72.0	58.8(4.0)	58.8(4.0)	58.8(4.0)	5.90	5.90	5.90	1	WWH	High	Low
[OH48 33] - LITTLE EAST FORK Upper RM: 4.80 / Lower RM: 0.00													
57.00	56.00	58.00	57.0	35.7(6.0)	35.7(6.0)	35.7(6.0)	9.60	9.60	9.60	2	WWH	Moderate-High	Mod.
[OH48 37] - BAKER FORK Upper RM: 17.10 / Lower RM: 0.00													
70.50	70.50	70.50	70.5	7.8(10)	7.8(10)	7.8(10)	43.00	43.00	43.00	1	WWH	High	Low
[OH48 38] - MIDDLE FORK Upper RM: 7.00 / Lower RM: 0.00													
76.75	73.50	80.00	76.8	7.2(10)	6.4(10)	7.9(10)	18.20	15.80	20.60	2	WWH	Very High Quality	Mod.
[OH48 44] - OHIO BRUSH CREEK (HEADWATERS TO BAKER FORK) Upper RM: 57.10 / Lower RM: 41.18													
65.50	65.50	65.50	74.6	11.7(10)	11.7(10)	11.7(10)	45.00	45.00	45.00	1	EWH	High	Low-Mod.
SW TRIBS (WHITEOAK CR., INDIAN CR., BEAR CR.) - [Watershed QHEI: 64.8, N = 5]													
[OH49 2.1] - EAST BRANCH FIVEMILE CREEK Upper RM: 1.60 / Lower RM: 0.00													
45.00	45.00	45.00	45.0	90.9(4.0)	90.9(4.0)	90.9(4.0)	1.20	1.20	1.20	1	WWH	Low	Low
[OH49 42] - WHITEOAK CREEK (STERLING RUN TO OHIO RIVER) Upper RM: 20.75 / Lower RM: 0.00													
77.00	72.00	82.00	77.0	21.1(6.0)	20.8(6.0)	21.3(6.0)	217.50	213.00	222.00	2	EWH	Very High Quality	Low-Mod.
[OH49 49] - TOWN RUN Upper RM: 3.00 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH49 60] - EAST FORK WHITEOAK CREEK Upper RM: 20.80 / Lower RM: 0.00													
69.50	69.50	69.50	69.5	4.1(6.0)	4.1(6.0)	4.1(6.0)	73.00	73.00	73.00	1	WWH; EWH	High	Low
[OH49 69] - NORTH FORK WHITEOAK CREEK Upper RM: 21.00 / Lower RM: 0.00													
55.50	55.50	55.50	55.5	3.7(6.0)	3.7(6.0)	3.7(6.0)	51.00	51.00	51.00	1	EWH	Moderate-High	Low
UPPER LITTLE MIAMI RIVER - [Watershed QHEI: 67.8, N = 54]													
[OH50 1] - LITTLE MIAMI RIVER (GLADY RUN TO CAESAR CREEK) Upper RM: 63.70 / Lower RM: 50.90													
68.00	65.00	71.00	74.4	2.9(8.0)	2.6(8.0)	3.3(8.0)	381.00	360.00	402.00	2	EWH	High	Mod.
[OH50 2] - NEWMAN RUN Upper RM: 4.00 / Lower RM: 0.00													
71.50	67.00	76.00	71.5	41.7(4.0)	41.7(4.0)	41.7(4.0)	9.00	9.00	9.00	2	WWH	High	Mod.
[OH50 3] - MILL RUN Upper RM: 5.80 / Lower RM: 0.00													
56.50	56.50	56.50	56.5	4.7(4.0)	4.7(4.0)	4.7(4.0)	8.00	8.00	8.00	1	WWH	Low - Moderate	Low
[OH50 4] - LITTLE MIAMI RIVER (BEAVER CREEK TO GLADY RUN) Upper RM: 72.70 / Lower RM: 63.70													
71.75	62.50	77.50	74.4	3.1(8.5)	2.6(8.0)	4.8(10)	332.75	296.00	346.00	4	EWH	High	High
[OH50 5] - GLADY RUN Upper RM: 6.30 / Lower RM: 0.00													
61.88	54.00	69.00	61.9	17.0(7.0)	5.7(6.0)	40.0(8.0)	6.58	4.00	14.00	4	WWH	High	Mod.-High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH50 5.1] - GLADY RUN SWALE Upper RM: 0.60 / Lower RM: 0.00													
56.00	49.00	66.00	56.0	24.4(10)	24.4(10)	24.4(10)	2.50	1.00	5.50	3	WWH	Moderate-High	Mod.-High
[OH50 8] - BEAVER CREEK Upper RM: 8.40 / Lower RM: 0.00													
67.71	54.50	74.00	67.7	9.0(7.4)	5.2(6.0)	15.4(8.0)	39.13	21.00	46.80	7	WWH	High	High
[OH50 9] - LITTLE BEAVER CREEK Upper RM: 9.00 / Lower RM: 0.00													
64.05	48.50	76.00	64.1	15.4(10)	10.6(10)	29.9(10)	15.54	3.20	25.90	10	WWH	High	High
[OH50 10] - LITTLE MIAMI RIVER (MASSIES CREEK TO BEAVER CREEK) Upper RM: 79.50 / Lower RM: 72.70													
73.75	63.50	78.00	74.4	5.2(10)	5.1(10)	5.4(10)	222.50	217.00	238.00	4	EWH	High	High
[OH50 12] - MASSIES CREEK Upper RM: 9.95 / Lower RM: 0.00													
67.50	67.50	67.50	67.5	18.2(8.0)	18.2(8.0)	18.2(8.0)	86.00	86.00	86.00	1	WWH	High	Low
[OH50 13] - OLDTOWN CREEK Upper RM: 6.00 / Lower RM: 0.00													
77.25	72.00	82.50	77.3	17.2(10)	17.2(10)	17.2(10)	10.00	10.00	10.00	2	WWH	Very High Quality	Mod.
[OH50 16] - SOUTH FORK MASSIES CREEK Upper RM: 9.60 / Lower RM: 0.00													
66.50	66.50	66.50	66.5	5.6(6.0)	5.6(6.0)	5.6(6.0)	18.50	18.50	18.50	1	WWH	Moderate - High	Low
[OH50 17] - LITTLE MIAMI RIVER (NORTH FORK TO MASSIES CREEK) Upper RM: 91.60 / Lower RM: 79.50													
81.63	75.00	88.00	74.4	15.0(8.0)	4.9(6.0)	25.0(10)	113.00	104.00	122.00	4	EWH	Very High Quality	High
[OH50 20] - YELLOW SPRINGS CREEK Upper RM: 2.50 / Lower RM: 0.00													
77.50	73.50	80.00	77.5	31.3(6.0)	31.3(6.0)	31.3(6.0)	11.13	11.10	11.20	3	EWH	Very High Quality	Mod.-High
[OH50 21] - NORTH FORK LITTLE MIAMI RIVER Upper RM: 13.20 / Lower RM: 0.00													
52.00	52.00	52.00	52.0	3.9(6.0)	3.9(6.0)	3.9(6.0)	37.00	37.00	37.00	1	WWH	Moderate-High	Low
[OH50 23] - LITTLE MIAMI RIVER (HEADWATERS TO NORTH FORK) Upper RM: 105.50 / Lower RM: 91.60													
64.25	51.50	75.00	74.4	6.9(7.5)	5.6(6.0)	8.3(10)	24.60	6.40	53.00	4	EWH	High	High
[OH50 25] - GILROY DITCH Upper RM: 7.15 / Lower RM: 0.00													
55.00	55.00	55.00	55.0	10.6(8.0)	10.6(8.0)	10.6(8.0)	1.70	1.70	1.70	1	WWH	Moderate-High	Low
CAESAR CREEK - [Watershed QHEI: 71.2, N = 5]													
[OH51 1] - CAESAR CREEK (CAESAR CREEK LAKE TO LITTLE MIAMI R) Upper RM: 13.92 / Lower RM: 0.00													
81.50	81.50	81.50	78.8	8.2(10)	8.2(10)	8.2(10)	238.00	238.00	238.00	1	WWH	Very High Quality	Low-Mod.
[OH51 2] - FLAT FORK Upper RM: 3.70 / Lower RM: 0.00													
50.00	50.00	50.00	50.0	31.3(6.0)	31.3(6.0)	31.3(6.0)	16.00	16.00	16.00	1	WWH	Moderate	Low
[OH51 7] - ANDERSON FORK (GROG RUN TO CAESAR CREEK LAKE) Upper RM: 11.02 / Lower RM: 0.00													
74.25	73.50	75.00	74.3	7.4(8.0)	7.4(8.0)	7.4(8.0)	77.00	77.00	77.00	2	EWH	High	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH51 13] - CAESAR CREEK (S. BR. CAESAR CR. TO CAESAR CR LAKE) Upper RM: 23.78 / Lower RM: 13.92													
76.00	76.00	76.00	78.8	5.2(8.0)	5.2(8.0)	5.2(8.0)	87.00	87.00	87.00	1	LAKE	Very High Quality	Low-Mod.
TODD FORK - [Watershed QHEI: 83.0, N = 1]													
[OH52 8] - TODD FORK (DUTCH CREEK TO LITTLE EAST FORK) Upper RM: 22.10 / Lower RM: 14.07													
83.00	83.00	83.00	83.0	9.4(10)	9.4(10)	9.4(10)	54.00	54.00	54.00	1	EWH	Very High Quality	Low
EAST FORK LITTLE MIAMI RIVER - [Watershed QHEI: 69.7, N = 45]													
[OH53 1] - E. FK. LITTLE MIAMI R. (STONELICK CR. TO L. MIAMI) Upper RM: 8.80 / Lower RM: 0.00													
72.75	65.00	87.00	77.6	4.0(9.0)	3.5(8.0)	4.6(10)	488.50	471.00	498.00	4	EWH	High	High
[OH53 2] - HALL RUN Upper RM: 5.70 / Lower RM: 0.00													
56.50	48.50	64.50	56.5	74.9(4.0)	58.8(4.0)	90.9(4.0)	4.30	3.10	5.50	2	WWH	Moderate-High	Mod.
[OH53 5] - SUGARCAMP RUN Upper RM: 3.80 / Lower RM: 0.00													
66.17	63.50	69.50	66.2	84.9(4.0)	66.7(4.0)	111.1(4.0)	2.20	1.00	3.50	3	WWH	High	Mod.-High
[OH53 5.1] - EAST BRANCH SUGARCAMP RUN Upper RM: 1.40 / Lower RM: 0.00													
64.00	64.00	64.00	64.0	111.1(4.0)	111.1(4.0)	111.1(4.0)	0.70	0.70	0.70	1	NONE	High	Low
[OH53 6] - SHAYLER RUN Upper RM: 7.80 / Lower RM: 0.00													
57.75	38.00	73.00	57.8	43.6(7.0)	12.8(4.0)	87.0(10)	8.25	2.20	12.70	8	WWH	Moderate-High	High
[OH53 6.1] - TRIB. TO SHAYLER RUN Upper RM: 3.95 / Lower RM: 0.00													
73.25	67.00	79.50	73.3	27.1(9.0)	17.9(8.0)	36.4(10)	3.45	3.40	3.50	2	WWH	High	Mod.
[OH53 8] - STONELICK CREEK Upper RM: 22.90 / Lower RM: 0.00													
66.83	48.00	78.00	66.8	11.7(8.0)	0.1(2.0)	18.5(10)	52.37	5.40	76.00	6	WWH	High	High
[OH53 12] - PATERSON RUN Upper RM: 1.60 / Lower RM: 0.00													
65.00	65.00	65.00	65.0	35.7(8.0)	35.7(8.0)	35.7(8.0)	4.30	4.30	4.30	1	WWH	High	Low
[OH53 16] - E. FK. LITTLE MIAMI (EAST FK LAKE TO STONELICK CR) Upper RM: 20.50 / Lower RM: 8.80													
84.80	78.50	89.00	77.6	8.6(9.2)	5.8(8.0)	11.0(10)	365.20	358.00	376.00	5	EWH	Very High Quality	High
[OH53 36] - E. FK. LITTLE MIAMI R. (HOWARD RUN TO TODD RUN) Upper RM: 45.18 / Lower RM: 33.90													
77.88	73.50	85.50	77.6	5.3(9.5)	3.9(8.0)	6.1(10)	216.75	195.00	235.00	4	EWH	Very High Quality	High
[OH53 42] - FIVEMILE CREEK Upper RM: 3.50 / Lower RM: 0.00													
70.00	70.00	70.00	70.0	5.4(6.0)	5.4(6.0)	5.4(6.0)	10.00	10.00	10.00	1	WWH	Moderate - High	Low
[OH53 45] - E. FK. LITTLE MIAMI R. (SOLOMON RUN TO HOWARD RUN) Upper RM: 56.50 / Lower RM: 45.18													
75.10	68.50	81.00	77.6	3.6(8.0)	3.5(8.0)	3.9(8.0)	161.20	151.00	175.00	5	EWH	Very High Quality	High
[OH53 56] - WEST FORK E. FK. LITTLE MIAMI RIVER Upper RM: 9.00 / Lower RM: 0.00													
78.50	78.50	78.50	78.5	8.6(10)	8.6(10)	8.6(10)	28.00	28.00	28.00	1	WWH	Very High Quality	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH53 57] - DODSON CREEK Upper RM: 11.50 / Lower RM: 0.00													
64.50	64.50	64.50	64.5	5.7(6.0)	5.7(6.0)	5.7(6.0)	32.00	32.00	32.00	1	EWH	High	Low
[OH53 60] - E. FK. LITTLE MIAMI R. (HEADWATERS TO DODSON CR.) Upper RM: 85.58 / Lower RM: 70.89													
72.00	72.00	72.00	77.6	4.7(6.0)	4.7(6.0)	4.7(6.0)	23.00	23.00	23.00	1	WWH; EWH	High	Low-Mod.
LOWER LITTLE MIAMI RIVER - [Watershed QHEI: 71.2, N = 76]													
[OH54 1] - LITTLE MIAMI RIVER (E. FK. L. MIAMI R. TO OHIO R.) Upper RM: 11.50 / Lower RM: 0.00													
64.88	48.50	87.50	74.4	1.5(7.5)	0.1(6.0)	4.0(10)	1739.25	999.00	1757.00	8	EWH; WWH	Moderate - High	High
[OH54 2] - CLOUGH CREEK Upper RM: 5.70 / Lower RM: 0.00													
36.00	36.00	36.00	36.0	125.0(4.0)	125.0(4.0)	125.0(4.0)	2.10	2.10	2.10	1	WWH	Low	Low
[OH54 4] - DUCK CREEK Upper RM: 8.20 / Lower RM: 0.00													
66.50	58.00	75.00	66.5	18.3(9.0)	16.7(8.0)	20.0(10)	13.15	11.60	14.70	2	LRW; WWH	Essentially None	High
[OH54 4.1] - EAST FORK DUCK CREEK Upper RM: 2.85 / Lower RM: 0.00													
59.50	59.50	59.50	59.5	27.0(10)	27.0(10)	27.0(10)	2.20	2.20	2.20	1	LRW	Essentially None	High
[OH54 4.2] - WEST FORK DUCK CREEK Upper RM: 2.85 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH54 5] - DRY RUN Upper RM: 6.00 / Lower RM: 0.00													
50.50	50.50	50.50	50.5	50.0(4.0)	50.0(4.0)	50.0(4.0)	2.90	2.90	2.90	1	WWH	Moderate	Low
[OH54 7] - LITTLE MIAMI R. (O'BANNON CR. TO E. FK. L. MIAMI) Upper RM: 24.00 / Lower RM: 11.50													
81.28	63.50	90.00	74.4	4.9(10)	3.9(10)	6.6(10)	1173.11	999.00	1206.00	9	EWH	Extremely High	High
[OH54 9] - SYCAMORE CREEK Upper RM: 4.50 / Lower RM: 0.00													
68.43	51.50	77.00	68.4	26.2(8.6)	13.9(4.0)	76.9(10)	20.61	9.40	24.00	7	WWH	High	High
[OH54 9.1] - TRIB. TO SYCAMORE CREEK Upper RM: 3.15 / Lower RM: 0.00													
34.67	29.50	43.50	34.7	66.4(4.0)	52.6(4.0)	80.0(4.0)	3.43	1.80	4.90	3	LRW	Essentially None	High
[OH54 11] - POLK RUN Upper RM: 5.50 / Lower RM: 0.00													
80.00	80.00	80.00	80.0	43.5(4.0)	43.5(4.0)	43.5(4.0)	10.80	10.80	10.80	1	WWH	Very High Quality	Low
[OH54 11.1] - EAST BRANCH POLK RUN Upper RM: 4.33 / Lower RM: 0.00													
71.50	71.50	71.50	71.5	50.0(4.0)	50.0(4.0)	50.0(4.0)	2.40	2.40	2.40	1	WWH	High	Low
[OH54 12] - O'BANNON CREEK Upper RM: 12.00 / Lower RM: 0.00													
75.90	73.00	83.00	75.9	33.4(5.6)	22.2(4.0)	43.5(8.0)	46.00	38.00	58.00	5	WWH	Very High Quality	High
[OH54 16] - LITTLE MIAMI RIVER (TURTLE CR. TO O'BANNON CR.) Upper RM: 33.20 / Lower RM: 24.00													
76.00	57.50	86.50	74.4	3.5(10)	2.8(10)	5.0(10)	1066.17	999.00	1145.00	6	EWH	Very High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH54 23] - MUDDY CREEK Upper RM: 8.90 / Lower RM: 0.00													
74.42	70.00	78.00	74.4	28.3(6.0)	9.2(4.0)	41.7(10)	10.25	8.00	15.50	6	WWH	High	High
[OH54 24] - TURTLE CREEK Upper RM: 12.00 / Lower RM: 0.00													
73.56	67.00	81.00	73.6	17.9(6.8)	5.2(6.0)	20.8(10)	52.12	18.00	65.00	17	WWH	High	High
[OH54 25] - DRY RUN Upper RM: 4.00 / Lower RM: 0.00													
60.75	54.50	67.00	60.8	25.6(10)	25.6(10)	25.6(10)	5.00	5.00	5.00	2	WWH	High	Mod.
[OH54 27] - LITTLE MIAMI RIVER (TODD FORK TO TURTLE CREEK) Upper RM: 38.50 / Lower RM: 33.20													
81.00	76.50	85.50	74.4	7.5(10)	7.5(10)	7.5(10)	960.00	959.00	961.00	2	EWH	Very High Quality	Mod.
[OH54 30] - LITTLE MIAMI RIVER (CAESAR CREEK TO TODD FORK) Upper RM: 50.90 / Lower RM: 38.50													
82.00	76.50	84.50	74.4	4.7(10)	4.2(10)	5.7(10)	678.75	668.00	687.00	4	EWH	Very High Quality	High
UPPER GREAT MIAMI RIVER - [Watershed QHEI: 53.6, N = 60]													
[OH55 2] - GREAT MIAMI RIVER (INDIAN CREEK TO PLUM CREEK) Upper RM: 140.10 / Lower RM: 132.10													
65.50	60.00	71.00	68.6	2.1(8.0)	2.1(8.0)	2.1(8.0)	441.00	429.00	453.00	2	EWH; WWH	High	Mod.
[OH55 11] - GREAT MIAMI RIVER (BOKENGEHALAS CR. TO INDIAN CR.) Upper RM: 145.98 / Lower RM: 140.10													
65.00	53.00	76.50	68.6	1.5(6.0)	0.1(4.0)	2.8(8.0)	409.75	408.00	412.00	4	WWH; EWH	Moderate - High	High
[OH55 15] - STONY CREEK (HEADWATERS TO LEE/GRAVE CREEK) Upper RM: 6.80 / Lower RM: 0.00													
35.75	24.50	47.00	35.8	5.4(6.0)	5.2(6.0)	5.5(6.0)	26.50	25.00	28.00	2	WWH	Low	Low-Mod.
[OH55 16] - MCKEE CREEK Upper RM: 10.20 / Lower RM: 0.00													
66.17	53.50	83.00	66.2	34.3(6.7)	18.2(4.0)	66.7(8.0)	12.43	2.70	17.60	3	EWH	High	Mod.-High
[OH55 17] - BOKENGEHALAS CREEK Upper RM: 15.40 / Lower RM: 0.00													
59.57	39.50	82.50	59.6	11.5(10)	6.3(10)	17.0(10)	30.33	20.60	42.50	7	WWH	Moderate-High	High
[OH55 18] - BLUEJACKET CREEK Upper RM: 7.80 / Lower RM: 0.00													
55.71	41.00	81.00	55.7	25.5(8.0)	8.3(4.0)	50.0(10)	8.59	2.00	15.00	12	WWH	Moderate-High	High
[OH55 19] - OPOSSUM RUN Upper RM: 1.52 / Lower RM: 0.00													
59.50	47.50	74.00	59.5	42.5(6.3)	23.8(4.0)	55.6(10)	0.55	0.50	0.60	6	WWH	Moderate-High	High
[OH55 20] - GREAT MIAMI R. (MUCHINIPPI CR. TO BOKENGEHALAS CR) Upper RM: 154.44 / Lower RM: 145.98													
47.00	46.50	47.50	68.6	1.0(5.0)	0.8(4.0)	1.2(6.0)	271.00	246.00	296.00	2	WWH	Moderate-High	Mod.
[OH55 27] - MUCHINIPPI CREEK Upper RM: 13.70 / Lower RM: 0.00													
36.38	32.00	41.00	36.4	3.8(6.0)	3.1(6.0)	4.9(6.0)	56.35	16.80	88.00	4	WWH	Low	Mod.-High
[OH55 29.1] - ST. JOE DITCH Upper RM: 4.61 / Lower RM: 0.00													
26.00	26.00	26.00	26.0	2.9(4.0)	2.9(4.0)	2.9(4.0)	3.20	3.20	3.20	1	MWH-C	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH55 33] - WILLOW CREEK Upper RM: 6.50 / Lower RM: 0.00													
38.50	38.50	38.50	38.5	3.0(6.0)	3.0(6.0)	3.0(6.0)	11.80	11.80	11.80	1	WWH	Very Low	Low
[OH55 34] - GREAT MIAMI R. (CHER. MANS RUN TO MUCHINIPPI CR.) Upper RM: 159.44 / Lower RM: 154.44													
43.00	43.00	43.00	68.6	0.8(4.0)	0.8(4.0)	0.8(4.0)	118.00	118.00	118.00	1	WWH	Very Low	Low-Mod.
[OH55 35] - CHEROKEE MANS RUN Upper RM: 10.80 / Lower RM: 0.00													
71.33	65.00	80.00	71.3	14.8(10)	14.5(10)	15.4(10)	16.67	16.00	18.00	3	WWH	High	Mod.-High
[OH55 36] - SOUTH FORK GREAT MIAMI RIVER Upper RM: 10.20 / Lower RM: 0.00													
55.50	44.00	71.00	58.4	7.6(8.8)	5.7(8.0)	11.9(10)	27.90		51.00	5	WWH	Moderate-High	High
[OH55 36.1] - BELLE CENTER TRIBUTARY Upper RM: 5.70 / Lower RM: 0.00													
38.00	38.00	38.00		4.0(4.0)	4.0(4.0)	4.0(4.0)	6.90	6.90	6.90	1	WWH	Very Low	
[OH55 41] - VAN HORN CREEK Upper RM: 3.62 / Lower RM: 0.00													
46.50	46.50	46.50	46.5	9.8(6.0)	9.8(6.0)	9.8(6.0)	1.90	1.90	1.90	1	WWH	Moderate	Low
[OH55 42] - BLACKHAWK RUN Upper RM: 3.40 / Lower RM: 0.00													
43.50	43.50	43.50	43.5	2.6(4.0)	2.6(4.0)	2.6(4.0)	4.50	4.50	4.50	1	WWH	Very Low	Low
[OH55 43] - NORTH FORK GREAT MIAMI RIVER Upper RM: 14.95 / Lower RM: 0.00													
36.88	25.00	56.50	36.9	5.4(5.0)	4.7(4.0)	6.3(6.0)	10.93	7.90	18.10	4	WWH	Very Low	Mod.-High
GREAT MIAMI RIVER AND LORAMIE CREEK - [Watershed QHEI: 61.9, N = 89]													
[OH56 1] - GREAT MIAMI RIVER (LOST CREEK TO STILLWATER RIVER) Upper RM: 100.00 / Lower RM: 82.60													
73.47	36.00	91.00	68.6	3.2(9.4)	0.1(6.0)	6.5(10)	1147.79	999.00	1175.00	19	EW; WWH	High	High
[OH56 1.2] - COX AIRPORT RTIBUTARY Upper RM: 1.55 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH56 1.3] - NORTH CREEK Upper RM: 2.20 / Lower RM: 0.00													
54.41	40.50	71.50	54.4	68.9(4.0)	45.0(4.0)	200.0(4.0)	2.42	0.90	4.20	11	LRW; WWH	Essentially None	High
[OH56 1.31] - DEER CLIFF RUN Upper RM: 2.50 / Lower RM: 0.00													
64.75	63.50	66.00	64.8	47.7(4.0)	45.5(4.0)	50.0(4.0)	1.45	0.60	2.30	2	WWH	High	Mod.
[OH56 1.32] - INLAND TRIBUTARY TI NORTH CREEK Upper RM: 1.59 / Lower RM: 0.00													
52.80	45.00	61.00	52.8	200.0(4.0)	200.0(4.0)	200.0(4.0)	0.60	0.60	0.60	5	LRW	Essentially None	High
[OH56 2] - POPLAR CREEK Upper RM: 3.10 / Lower RM: 0.00													
63.00	61.00	65.00	63.0	49.5(4.0)	43.5(4.0)	55.6(4.0)	2.80	1.60	4.00	2	WWH	High	Mod.
[OH56 3] - HONEY CREEK Upper RM: 18.60 / Lower RM: 0.00													
76.40	67.50	85.00	76.4	9.7(9.2)	5.2(8.0)	15.2(10)	55.40	34.00	86.00	5	EW	Very High Quality	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH56 8] - LOST CREEK Upper RM: 17.40 / Lower RM: 0.00													
76.20	54.00	87.50	76.2	11.7(10)	8.1(10)	16.1(10)	44.40	31.00	58.00	5	EWH	Very High	High
[OH56 10] - GREAT MIAMI RIVER (SPRING CREEK TO LOST CREEK) Upper RM: 109.28 / Lower RM: 100.00													
68.00	45.50	86.00	68.6	2.1(9.3)	0.1(6.0)	3.5(10)	933.50	920.00	972.00	6	EWH; WWH; EWH	High	High
[OH56 10.3] - B.F. GOODRICH TRIB Upper RM: 0.55 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH56 11] - SPRING CREEK Upper RM: 12.40 / Lower RM: 0.00													
71.83	61.00	78.00	71.8	25.0(8.0)	25.0(8.0)	25.0(8.0)	26.00	26.00	26.00	3	EWH	High	Mod.-High
[OH56 12] - GREAT MIAMI RIVER (LORAMIE CREEK TO SPRING CREEK) Upper RM: 119.89 / Lower RM: 109.28													
62.56	46.00	85.50	68.6	1.6(8.5)	0.1(6.0)	4.0(10)	866.00	845.00	890.00	8	EWH; WWH; EWH	Moderate - High	High
[OH56 20] - LORAMIE CREEK (TURTLE CREEK TO GREAT MIAMI RIVER) Upper RM: 4.10 / Lower RM: 0.00													
80.25	77.50	83.00	53.9	6.5(10)	4.7(10)	8.4(10)	255.50	247.00	264.00	2	WWH	Very High Quality	Mod.
[OH56 26] - LORAMIE CREEK (MILE CREEK TO TURTLE CREEK) Upper RM: 19.50 / Lower RM: 4.10													
63.33	53.50	71.00	53.9	2.3(8.0)	2.2(8.0)	2.4(8.0)	188.00	154.00	205.00	3	WWH	High	High
[OH56 27] - NINEMILE CREEK Upper RM: 6.60 / Lower RM: 0.00													
35.75	29.00	42.50	35.8	6.0(6.0)	5.1(6.0)	6.9(6.0)	5.40	1.60	9.20	2	MWH-C; WWH	Essentially None	High
[OH56 32] - LORAMIE CREEK (HEADWATERS TO MILE CREEK) Upper RM: 36.50 / Lower RM: 19.46													
41.30	37.00	43.00	53.9	1.6(3.2)	1.0(2.0)	3.1(6.0)	45.66	14.30	78.00	5	WWH	Very Low	High
[OH56 32.1] - CLAY CREEK Upper RM: 5.00 / Lower RM: 0.00													
21.75	17.00	26.50	21.8	10.1(7.0)	7.4(6.0)	12.8(8.0)	2.20	2.00	2.40	2	MWH-C	Essentially None	High
[OH56 32.2] - MIAMI-ERIE CANAL Upper RM: 12.30 / Lower RM: 0.00													
30.90	18.50	46.00	30.9	2.1(6.8)	1.4(4.0)	2.2(8.0)	180.00	100.00	200.00	5	MWH-C	Essentially None	High
[OH56 34] - CLAY CREEK (BEEMER DITCH) Upper RM: 1.80 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH56 36] - GREAT MIAMI RIVER (PLUM CREEK TO LORAMIE CREEK) Upper RM: 132.10 / Lower RM: 119.89													
69.38	61.00	74.00	68.6	9.6(9.0)	5.7(8.0)	12.4(10)	546.75	540.00	561.00	4	WWH; EWH	High	High
STILLWATER RIVER - [Watershed QHEI: 63.8, N = 153]													
[OH57 1] - STILLWATER RIVER (BRUSH CREEK TO GREAT MIAMI R.) Upper RM: 14.20 / Lower RM: 0.00													
77.07	63.00	89.00	72.1	3.4(9.7)	0.1(6.0)	5.4(10)	652.93	630.00	675.00	14	EWH	Very High Quality	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH57 1.2] - Trib. to Stillwater River (RM 6.42) Upper RM: 3.20 / Lower RM: 0.00													
56.50	51.00	62.50	56.5	90.0(4.0)	90.0(4.0)	90.0(4.0)	1.40	1.40	1.40	5	WWH	Moderate-High	High
[OH57 3] - MILL CREEK Upper RM: 5.70 / Lower RM: 0.00													
62.17	53.50	67.00	62.2	35.2(6.9)	10.9(4.0)	71.4(10)	4.13	2.60	6.00	9	WWH	High	High
[OH57 4] - BRUSH CREEK Upper RM: 6.00 / Lower RM: 0.00													
66.00	66.00	66.00	66.0	16.7(10)	16.7(10)	16.7(10)	17.00	17.00	17.00	1	EWH	High	Low
[OH57 5] - STILLWATER RIVER (LUDLOW CREEK TO BRUSH CREEK) Upper RM: 21.00 / Lower RM: 14.20													
77.19	60.00	85.50	72.1	3.2(7.5)	0.1(4.0)	3.7(8.0)	604.00	594.00	609.00	8	EWH	Very High Quality	High
[OH57 7] - LUDLOW CREEK Upper RM: 13.50 / Lower RM: 0.00													
72.25	69.00	75.50	72.3	24.4(7.0)	21.7(6.0)	27.0(8.0)	50.50	39.00	62.00	2	WWH	High	Low-Mod.
[OH57 8] - BRUSH CREEK Upper RM: 8.00 / Lower RM: 0.00													
65.83	45.00	80.50	65.8	23.1(6.0)	4.7(4.0)	45.5(8.0)	18.70	13.70	23.40	3	WWH	High	Mod.-High
[OH57 14] - STILLWATER RIVER (GREENVILLE CR. TO LUDLOW CR.) Upper RM: 32.40 / Lower RM: 21.00													
78.05	60.50	95.00	72.1	4.2(8.5)	0.1(4.0)	9.1(10)	486.73	441.00	528.00	11	EWH	Extremely High	High
[OH57 18] - PAINTER CREEK Upper RM: 19.75 / Lower RM: 0.00													
52.97	27.50	88.00	53.0	14.1(5.4)	3.3(4.0)	62.5(10)	21.21	1.50	48.00	16	MWH-C; EWH	Essentially None	High
[OH57 21] - GREENVILLE CREEK (DIVIDING BR. TO STILLWATER R.) Upper RM: 15.20 / Lower RM: 0.00													
79.96	49.00	100.00	71.2	5.8(8.7)	0.1(4.0)	14.7(10)	188.86	174.00	201.00	14	EWH	Very High	High
[OH57 26] - GREENVILLE CREEK (WEST BR. TO DIVIDING BR.) Upper RM: 24.30 / Lower RM: 15.20													
62.31	48.50	87.00	71.2	0.9(4.3)	0.1(4.0)	1.3(6.0)	138.31	105.00	154.00	13	EWH	Moderate - High	High
[OH57 28] - MUD CREEK Upper RM: 8.00 / Lower RM: 0.00													
59.17	55.50	63.00	59.2	8.7(6.7)	1.2(4.0)	21.7(10)	14.07	3.70	24.00	3	WWH	Moderate-High	Mod.-High
[OH57 29] - PRAIRIE OUTLET Upper RM: 2.00 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	15.9(10)	15.9(10)	15.9(10)	2.80	2.80	2.80	1	WWH	High	Low
[OH57 32] - GREENVILLE CREEK (HEADWATERS TO WEST BRANCH) Upper RM: 40.50 / Lower RM: 24.30													
69.80	63.50	83.50	71.2	6.3(6.0)	4.8(6.0)	8.7(6.0)	39.22	6.00	69.00	5	EWH	High	High
[OH57 35] - DISMAL CREEK Upper RM: 9.50 / Lower RM: 0.00													
41.00	41.00	41.00	41.0	6.3(10)	6.3(10)	6.3(10)	19.00	19.00	19.00	1	WWH	Low	Low
[OH57 37] - STILLWATER RIVER (SWAMP CREEK TO GREENVILLE CREEK) Upper RM: 45.88 / Lower RM: 32.40													
77.13	63.00	83.50	72.1	4.3(8.8)	2.0(6.0)	7.7(10)	193.25	175.00	233.00	8	EWH	Very High Quality	High
[OH57 38] - HARRIS CREEK Upper RM: 9.10 / Lower RM: 0.00													
55.40	27.00	80.00	55.4	12.6(8.0)	4.3(6.0)	18.5(10)	14.98	10.00	18.00	5	WWH	Moderate-High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH57 39] - BALLINGER RUN Upper RM: 4.60 / Lower RM: 0.00													
55.50	34.50	75.00	55.5	12.9(8.0)	9.8(6.0)	18.5(10)	4.37	3.00	5.70	3	WWH	Moderate	Mod.-High
[OH57 40] - TROTTERS CREEK Upper RM: 4.80 / Lower RM: 0.00													
78.50	78.50	78.50	78.5	14.5(10)	14.5(10)	14.5(10)	14.40	14.40	14.40	1	WWH	Very High Quality	Low
[OH57 41] - SWAMP CREEK Upper RM: 13.80 / Lower RM: 0.00													
40.25	26.50	62.00	40.3	2.9(5.0)	2.4(4.0)	4.6(6.0)	38.78	11.10	63.00	8	MWH-C; WWH	Essentially None	High
[OH57 42] - INDIAN CREEK Upper RM: 5.20 / Lower RM: 0.00													
43.80	37.50	52.00	43.8	4.6(6.4)	2.4(4.0)	6.0(10)	20.40	19.00	25.00	5	WWH	Low	High
[OH57 43] - STILLWATER RIVER (NORTH FORK TO SWAMP CREEK) Upper RM: 57.97 / Lower RM: 45.88													
67.06	51.00	81.00	72.1	2.5(5.5)	2.0(4.0)	3.8(8.0)	94.25	72.00	112.00	8	WWH; EWH	High	High
[OH57 45] - STILLWATER RIVER (HEADWATERS TO NORTH FORK) Upper RM: 67.64 / Lower RM: 57.97													
36.70	26.00	47.00	72.1	1.7(4.0)	1.1(4.0)	2.5(4.0)	35.60	29.00	51.00	5	WWH	Very Low	High
[OH57 46] - NORTH FORK STILLWATER RIVER Upper RM: 7.70 / Lower RM: 0.00													
34.33	28.00	40.00	34.3	2.9(4.0)	2.9(4.0)	2.9(4.0)	18.30	18.30	18.30	3	MWH-C	Essentially None	High
[OH57 48] - SOUTH FORK STILLWATER RIVER Upper RM: 3.50 / Lower RM: 0.00													
43.50	43.50	43.50	43.5	7.5(10)	7.5(10)	7.5(10)	12.40	12.40	12.40	1	WWH	Low	Low
MAD RIVER - [Watershed QHEI: 64.6, N = 85]													
[OH58 1] - MAD RIVER (MUD RUN TO GREAT MIAMI RIVER) Upper RM: 10.07 / Lower RM: 0.00													
70.23	55.00	80.50	73.0	8.4(9.4)	5.4(8.0)	13.9(10)	635.69	617.00	657.00	13	WWH	High	High
[OH58 1.1] - HEBBLE CREEK Upper RM: 10.70 / Lower RM: 0.00													
50.30	31.00	79.50	50.3	9.9(9.2)	6.8(6.0)	22.2(10)	9.68	5.40	12.70	5	MWH-C	Essentially None	High
[OH58 4] - MAD RIVER (DONNELLS CREEK TO MUD RUN) Upper RM: 18.38 / Lower RM: 10.07													
82.50	70.00	90.50	73.0	6.1(10)	5.4(10)	6.9(10)	546.00	527.00	556.00	8	WWH	Extremely High	High
[OH58 7] - MEDWAY CREEK Upper RM: 1.70 / Lower RM: 0.00													
48.50	48.50	48.50	48.5	4.9(4.0)	4.9(4.0)	4.9(4.0)	3.30	3.30	3.30	1	CWH	Low - Moderate	Low
[OH58 9] - DONNELLS CREEK Upper RM: 11.60 / Lower RM: 0.00													
77.00	77.00	77.00	77.0	40.0(8.0)	40.0(8.0)	40.0(8.0)	6.80	6.80	6.80	1	EWH	Very High Quality	Low
[OH58 11] - MAD RIVER (BUCK CREEK TO DONNELLS CREEK) Upper RM: 26.15 / Lower RM: 18.38													
77.83	57.00	92.50	73.0	5.4(10)	4.6(10)	5.7(10)	483.00	464.00	495.00	6	WWH	Very High	High
[OH58 15] - BUCK CREEK (BEAVER CREEK TO MAD RIVER) Upper RM: 6.00 / Lower RM: 0.00													
57.40	55.00	60.50	59.8	8.8(9.2)	5.8(8.0)	13.5(10)	133.60	127.00	141.00	5	WWH	Moderate-High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH58 16] - BEAVER CREEK Upper RM: 14.50 / Lower RM: 0.00													
77.00	75.00	79.00	77.0	9.6(10)	9.6(10)	9.6(10)	39.00	39.00	39.00	2	CWH; WWH	Very High Quality	Low-Mod.
[OH58 18] - BUCK CREEK (EAST FORK BUCK CREEK TO BEAVER CREEK) Upper RM: 12.81 / Lower RM: 6.00													
71.50	71.50	71.50	59.8	11.1(10)	11.1(10)	11.1(10)	82.00	82.00	82.00	1	CWH; WWH	High	Low-Mod.
[OH58 21] - MAD RIVER (CHAPMAN CREEK TO BUCK CREEK) Upper RM: 32.58 / Lower RM: 26.15													
77.33	67.50	84.00	73.0	6.1(10)	5.8(10)	6.5(10)	317.67	310.00	323.00	3	CWH	Very High Quality	High
[OH58 24] - MOORE RUN Upper RM: 8.10 / Lower RM: 0.00													
45.40	27.00	57.50	45.4	8.4(7.6)	4.7(6.0)	12.7(10)	11.58	6.60	17.70	5	WWH	Moderate	High
[OH58 25] - CHAPMAN CREEK Upper RM: 10.00 / Lower RM: 0.00													
61.50	47.00	80.00	61.5	24.4(8.0)	20.4(8.0)	26.3(8.0)	20.63	18.60	24.70	3	CWH	High	Mod.-High
[OH58 29] - MAD RIVER (NETTLE CREEK TO CHAPMAN CREEK) Upper RM: 37.18 / Lower RM: 32.58													
71.00	64.00	83.50	73.0	7.4(9.3)	5.1(8.0)	10.9(10)	247.00	235.00	264.00	3	CWH	High	High
[OH58 30] - STORMS CREEK Upper RM: 4.80 / Lower RM: 0.00													
47.00	47.00	47.00	47.0	24.4(10)	24.4(10)	24.4(10)	9.20	9.20	9.20	1	CWH	Moderate	Low
[OH58 31] - CEDAR RUN Upper RM: 4.00 / Lower RM: 0.00													
47.50	47.50	47.50	47.5	6.3(6.0)	6.3(6.0)	6.3(6.0)	1.00	1.00	1.00	1	CWH	Moderate-High	Low
[OH58 31.1] - EAST BRANCH CEDAR RUN Upper RM: 0.73 / Lower RM: 0.00													
51.50	51.50	51.50	51.5	17.2(10)	17.2(10)	17.2(10)	0.20	0.20	0.20	1	CWH	Moderate-High	Low
[OH58 31.2] - WEST BRANCH CEDAR RUN Upper RM: 6.80 / Lower RM: 0.00													
42.50	42.50	42.50	42.5	17.0(10)	17.0(10)	17.0(10)	0.30	0.30	0.30	1	CWH	Low	Low
[OH58 36] - NETTLE CREEK Upper RM: 11.50 / Lower RM: 0.00													
67.88	55.50	76.00	67.9	17.0(9.0)	15.2(8.0)	18.9(10)	11.50	8.00	15.00	4	CWH; WWH	High	Mod.-High
[OH58 37] - ANDERSON CREEK Upper RM: 8.60 / Lower RM: 0.00													
49.50	49.50	49.50	49.5	5.2(6.0)	5.2(6.0)	5.2(6.0)	17.50	17.50	17.50	1	CWH	Low - Moderate	Low
[OH58 43] - MAD RIVER (KINGS CREEK TO NETTLE CREEK) Upper RM: 43.82 / Lower RM: 37.18													
62.25	58.50	66.00	73.0	6.9(10)	6.8(10)	7.0(10)	175.00	162.00	188.00	2	CWH	High	Mod.
[OH58 47] - KINGS CREEK Upper RM: 9.00 / Lower RM: 0.00													
58.25	48.00	68.50	58.3	15.9(10)	14.9(10)	17.0(10)	24.75	8.50	41.00	2	CWH	Moderate-High	Low-Mod.
[OH58 47.1] - TRIB. TO KINGS CREEK (RM 0.46) Upper RM: 6.82 / Lower RM: 0.00													
34.00	34.00	34.00	34.0	10.0(6.0)	10.0(6.0)	10.0(6.0)	8.90	8.90	8.90	1	CWH	Low	Low
[OH58 48] - MAD RIVER (MACOCHEE CREEK TO KINGS CREEK) Upper RM: 51.75 / Lower RM: 43.82													
66.25	55.50	77.00	73.0	9.1(9.0)	6.9(8.0)	11.4(10)	60.50	58.00	63.00	2	CWH	High	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH58 49] - GLADY CREEK Upper RM: 7.70 / Lower RM: 0.00													
29.00	29.00	29.00	29.0	3.8(6.0)	3.8(6.0)	3.8(6.0)	12.20	12.20	12.20	1	CWH	Essentially None	Low
[OH58 51] - MAD RIVER (HEADWATERS TO MACOCHEE CREEK) Upper RM: 65.92 / Lower RM: 51.75													
67.00	55.50	77.00	73.0	25.0(6.0)	4.8(4.0)	71.4(10)	24.71	7.50	36.00	7	CWH	High	High
[OH58 51.2] - HEFFLEFINGER DITCH Upper RM: 0.91 / Lower RM: 0.00													
35.50	31.00	40.00	35.5	10.9(8.0)	10.9(8.0)	10.9(8.0)	0.20	0.20	0.20	2	CWH	Low	Mod.
[OH58 52] - MACOCHEE CREEK Upper RM: 8.20 / Lower RM: 0.00													
73.83	67.50	82.00	73.8	11.0(10)	8.5(10)	16.1(10)	14.57	13.70	16.00	3	CWH	High	Mod.-High
TWIN CREEK - [Watershed QHEI: 73.9, N = 78]													
[OH59 1] - TWIN CREEK (LITTLE TWIN CREEK TO GREAT MIAMI R.) Upper RM: 6.70 / Lower RM: 0.00													
76.38	73.50	80.50	81.1	13.4(7.5)	12.3(6.0)	16.0(8.0)	315.00	312.00	316.00	4	EWH	Very High Quality	High
[OH59 2] - LITTLE TWIN CREEK Upper RM: 7.80 / Lower RM: 0.00													
65.33	58.50	74.00	65.3	18.2(9.3)	17.2(8.0)	18.9(10)	11.73	4.90	18.80	6	WWH	High	High
[OH59 2.1] - REIGLE DITCH Upper RM: 4.66 / Lower RM: 0.00													
67.13	64.50	69.00	67.1	16.1(10)	16.1(10)	16.1(10)	3.35	3.30	3.40	4	WWH	High	Mod.-High
[OH59 3] - TWIN CREEK (BANTAS FORK TO LITTLE TWIN CREEK) Upper RM: 24.30 / Lower RM: 6.70													
85.92	73.00	91.50	81.1	7.4(9.7)	4.9(8.0)	13.7(10)	241.46	192.00	285.00	13	EWH	Extremely High	High
[OH59 4] - TOMS RUN Upper RM: 15.40 / Lower RM: 0.00													
71.71	65.50	78.00	71.7	17.8(8.9)	10.0(6.0)	35.7(10)	17.44	6.00	25.10	7	WWH	High	High
[OH59 4.1] - TRIB. TO TOMS RUN (RM 5.34) Upper RM: 4.80 / Lower RM: 0.00													
62.67	49.50	80.00	62.7	22.2(10)	15.9(10)	26.3(10)	2.27	1.60	2.80	3	WWH	High	Mod.-High
[OH59 6] - AUKERMAN CREEK Upper RM: 5.60 / Lower RM: 0.00													
66.50	66.50	66.50	66.5	15.6(10)	15.6(10)	15.6(10)	21.10	21.10	21.10	1	WWH	High	Low
[OH59 7] - BANTAS FORK Upper RM: 16.80 / Lower RM: 0.00													
85.00	74.00	96.50	85.0	20.7(9.2)	14.5(8.0)	28.6(10)	25.36	11.80	35.20	5	EWH	Extremely High	High
[OH59 8] - GOOSE RUN Upper RM: 5.10 / Lower RM: 0.00													
63.25	56.50	70.00	63.3	20.2(9.0)	20.0(8.0)	20.4(10)	7.50	3.60	11.40	2	WWH	High	Mod.
[OH59 10] - TWIN CREEK (PRICE CREEK TO BANTAS FORK) Upper RM: 29.70 / Lower RM: 24.30													
88.00	80.00	95.00	81.1	9.4(9.7)	8.6(8.0)	11.6(10)	144.29	131.00	150.00	7	EWH	Extremely High	High
[OH59 11] - LESLEY RUN Upper RM: 8.50 / Lower RM: 0.00													
61.75	53.50	70.00	61.8	18.3(8.0)	9.6(6.0)	27.0(10)	6.35	5.00	7.70	2	WWH	High	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH59 13] - PRICE CREEK Upper RM: 14.60 / Lower RM: 0.00													
66.10	52.00	87.00	66.1	13.4(8.0)	5.2(6.0)	25.0(10)	15.36	5.60	29.50	5	WWH	High	High
[OH59 15] - TWIN CREEK (HEADWATERS TO PRICE CREEK) Upper RM: 47.03 / Lower RM: 29.74													
73.46	44.00	92.00	81.1	9.2(7.8)	2.7(4.0)	21.3(10)	63.18	20.20	96.00	12	EWB	High	High
[OH59 16] - SWAMP CREEK Upper RM: 7.30 / Lower RM: 0.00													
61.13	41.00	78.00	61.1	7.7(8.0)	4.2(6.0)	11.9(10)	16.30	13.70	18.90	4	WWH	High	Mod.-High
[OH59 17] - MILLERS FORK Upper RM: 10.60 / Lower RM: 0.00													
60.17	46.50	76.00	52.3	7.3(8.0)	3.6(4.0)	9.5(10)	14.90	7.00	25.90	3	EWB	High	Mod.-High
MIDDLE GREAT MIAMI RIVER - [Watershed QHEI: 65.9, N = 138]													
[OH60 1] - GREAT MIAMI RIVER (FOURMILE CREEK TO RM 26.6) Upper RM: 38.38 / Lower RM: 26.60													
68.57	40.50	86.00	68.6	2.7(9.5)	0.1(6.0)	4.7(10)	3598.00	999.00	3669.00	15	WWH	High	High
[OH60 2] - INDIAN CREEK Upper RM: 22.90 / Lower RM: 0.00													
77.00	72.50	79.50	77.0	12.3(8.7)	8.5(8.0)	16.1(10)	93.67	82.00	100.00	3	EWB	Very High Quality	Mod.-High
[OH60 7] - TWO MILE CREEK Upper RM: 4.80 / Lower RM: 0.00													
70.50	70.50	70.50	70.5	25.0(10)	25.0(10)	25.0(10)	5.50	5.50	5.50	1	WWH	High	Low
[OH60 7.1] - TRIB. TO TWOMILE CREEK (RM 1.53) Upper RM: 1.90 / Lower RM: 0.00													
65.00	57.50	72.50	65.0	66.0(7.0)	26.6(4.0)	105.3(10)	0.90	0.40	1.40	2	NONE	High	Mod.
[OH60 9] - GREAT MIAMI RIVER (DICKS CREEK TO FOURMILE CREEK) Upper RM: 47.60 / Lower RM: 38.40													
80.44	55.50	93.00	68.6	3.6(9.8)	2.2(8.0)	11.8(10)	3271.00	999.00	3295.00	9	WWH	Very High	High
[OH60 14] - DICKS CREEK Upper RM: 10.50 / Lower RM: 0.00													
53.27	32.00	85.00	53.3	8.0(9.2)	5.6(8.0)	12.7(10)	36.63	9.00	47.50	13	WWH; MWH-C; WWH	Essentially None	High
[OH60 15] - SHAKER CREEK Upper RM: 8.70 / Lower RM: 0.00													
51.75	44.00	69.00	51.8	12.4(7.5)	6.0(6.0)	31.3(10)	12.60	5.50	21.70	4	WWH	Moderate-High	Mod.-High
[OH60 16] - MILLERS CREEK Upper RM: 5.00 / Lower RM: 0.00													
45.00	45.00	45.00	45.0	6.8(6.0)	6.8(6.0)	6.8(6.0)	7.90	7.90	7.90	1	WWH	Low	Low
[OH60 17] - NORTH BRANCH DICKS CREEK Upper RM: 5.60 / Lower RM: 0.00													
46.75	41.00	52.50	46.8	8.8(6.0)	8.8(6.0)	8.8(6.0)	7.60	7.20	8.00	4	WWH; MWH-C	Essentially None	High
[OH60 18] - GREAT MIAMI RIVER (TWIN CREEK TO DICKS CREEK) Upper RM: 57.42 / Lower RM: 47.60													
66.25	43.00	90.00	68.6	2.9(10)	2.4(10)	3.9(10)	3151.19	999.00	3191.00	16	WWH	High	High
[OH60 19] - ELK CREEK Upper RM: 12.60 / Lower RM: 0.00													
87.75	84.00	91.50	87.8	11.7(10)	11.7(10)	11.7(10)	37.50	37.50	37.50	2	EWB	Extremely High	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH60 21] - GREAT MIAMI RIVER (BEAR CREEK TO TWIN CREEK) Upper RM: 67.60 / Lower RM: 57.42													
68.11	35.00	88.00	68.6	4.0(9.3)	0.1(6.0)	6.3(10)	2729.44	999.00	2791.00	18	WWH	High	High
[OH60 21.1] - MOUND OVERFLOW CREEK Upper RM: 1.34 / Lower RM: 0.00													
50.00	50.00	50.00	50.0	12.2(8.0)	12.2(8.0)	12.2(8.0)	0.40	0.40	0.40	1		Moderate	Low
[OH60 27] - BEAR CREEK Upper RM: 14.40 / Lower RM: 0.00													
66.67	46.00	79.50	66.7	21.0(9.0)	14.5(8.0)	29.4(10)	25.90	6.70	53.70	6	WWH	High	High
[OH60 33] - GREAT MIAMI RIVER (WOLF CREEK TO BEAR CREEK) Upper RM: 80.20 / Lower RM: 67.60													
68.26	42.50	92.00	68.6	2.8(9.7)	0.1(6.0)	5.2(10)	2615.96	999.00	2650.00	25	WWH	High	High
[OH60 33.1] - OWL CREEK Upper RM: 1.00 / Lower RM: 0.00													
69.00	69.00	69.00	69.0	33.3(8.0)	33.3(8.0)	33.3(8.0)	3.80	3.80	3.80	1	LRW	Essentially None	High
[OH60 35] - HOLES CREEK Upper RM: 9.00 / Lower RM: 0.00													
58.50	54.00	63.00	58.5	16.9(9.0)	13.0(8.0)	20.8(10)	21.20	17.00	25.40	2	WWH	Moderate-High	Low-Mod.
[OH60 36] - WOLF CREEK Upper RM: 19.30 / Lower RM: 0.00													
67.58	53.50	82.50	67.6	18.3(9.0)	5.7(8.0)	29.4(10)	24.57	3.50	71.80	6	WWH	High	High
[OH60 37] - DRY RUN Upper RM: 3.20 / Lower RM: 0.00													
64.38	36.00	74.00	64.4	19.5(10)	18.2(10)	23.3(10)	4.75	2.90	7.80	4	WWH	High	Mod.-High
[OH60 41] - GREAT MIAMI RIVER (STILLWATER RIVER TO WOLF CREEK) Upper RM: 82.60 / Lower RM: 80.20													
62.80	50.00	74.00	68.6	2.6(8.4)	0.1(6.0)	5.0(10)	2247.60	999.00	2512.00	5	WWH	High	High
FOURMILE CREEK - [Watershed QHEI: 71.1, N = 35]													
[OH61 5] - E. FK. WHITEWATER R. (HEADWATERS TO OHIO/INDANA) Upper RM: 52.28 / Lower RM: 39.00													
56.10	26.00	76.50	56.1	14.3(9.2)	5.7(6.0)	25.0(10)	17.40	3.00	34.00	5	WWH	Moderate	High
[OH61 11] - FOURMILE CREEK (SEVENMILE CREEK TO GREAT MIAMI R.) Upper RM: 3.74 / Lower RM: 0.00													
77.00	75.00	79.00	71.7	10.7(9.0)	7.1(8.0)	14.3(10)	310.00	305.00	315.00	2	WWH	Very High Quality	Mod.
[OH61 12] - SEVENMILE CREEK (PAINT CREEK TO FOURMILE CREEK) Upper RM: 15.20 / Lower RM: 0.00													
81.13	78.50	85.00	76.9	8.5(9.5)	4.8(8.0)	12.5(10)	117.88	91.50	137.00	4	EWB	Very High Quality	High
[OH61 19] - SEVENMILE CREEK (HEADWATERS TO PAINT CREEK) Upper RM: 37.00 / Lower RM: 15.18													
74.50	57.00	85.50	76.9	13.8(9.1)	8.1(8.0)	24.4(10)	29.80	19.00	52.00	7	WWH	High	High
[OH61 24] - FOURMILE CREEK (L. FOURMILE CR. TO SEVENMILE CR.) Upper RM: 23.90 / Lower RM: 3.74													
72.86	57.50	86.00	71.7	10.4(9.1)	8.9(6.0)	15.6(10)	121.07	97.00	163.00	14	WWH	High	High
[OH61 28] - ELAMS RUN Upper RM: 2.68 / Lower RM: 0.00													
											LRW	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH61 31] - FOURMILE CREEK (HEADWATERS TO LITTLE FOURMILE CR.) Upper RM: 38.20 / Lower RM: 23.90													
62.67	56.00	73.00	71.7	21.6(8.0)	10.8(4.0)	41.7(10)	33.33	21.00	50.00	3	WWH	High	High
LOWER GREAT MIAMI RIVER AND WHITEWATER RIVER - [Watershed QHEI: 62.5, N = 135]													
[OH62 1] - GREAT MIAMI RIVER (TAYLOR CREEK TO OHIO RIVER) Upper RM: 15.00 / Lower RM: 0.00													
69.04	46.50	81.50	68.6	2.2(8.8)	0.1(4.0)	3.5(10)	4492.75	999.00	5371.00	12	WWH	High	High
[OH62 3] - WHITEWATER RIVER (OHIO/INDIANA TO GREAT MIAMI R.) Upper RM: 8.26 / Lower RM: 0.00													
81.79	76.50	90.00	81.8	4.2(10)	3.5(10)	5.4(10)	1402.57	999.00	1483.00	7	WWH	Extremely High	High
[OH62 3.2] - WELKER LATERAL Upper RM: 2.15 / Lower RM: 0.00													
43.00	43.00	43.00	43.0	13.3(8.0)	13.3(8.0)	13.3(8.0)	1.70	1.70	1.70	1	NONE	Low	Low
[OH62 5] - DRY FORK WHITEWATER RIVER Upper RM: 19.60 / Lower RM: 0.00													
63.00	63.00	63.00	63.0	14.5(8.0)	14.5(8.0)	14.5(8.0)	79.00	79.00	79.00	1	EWH	High	Low
[OH62 5.1] - KIATA CREEK Upper RM: 4.00 / Lower RM: 0.00													
59.50	55.00	64.00	59.5	40.2(6.0)	30.3(4.0)	50.0(8.0)	4.30	2.70	5.90	2	WWH	Moderate-High	Mod.
[OH62 12] - TAYLOR CREEK Upper RM: 8.40 / Lower RM: 0.00													
68.43	60.00	85.00	68.4	45.6(7.1)	10.0(4.0)	100.0(10)	10.51	3.90	27.20	7	WWH	High	High
[OH62 12.1] - WESSELMAN CREEK Upper RM: 6.27 / Lower RM: 0.00													
65.25	63.50	67.00	65.3	18.9(10)	18.9(10)	18.9(10)	7.70	7.70	7.70	2	WWH	High	Mod.
[OH62 12.2] - BRIARLY CREEK Upper RM: 4.52 / Lower RM: 0.00													
66.60	60.50	80.50	66.6	54.4(4.0)	47.6(4.0)	66.7(4.0)	3.34	0.40	6.90	10	WWH	High	High
[OH62 12.21] - STEELE CREEK Upper RM: 3.48 / Lower RM: 0.00													
69.67	69.00	70.00	69.7	56.6(4.0)	55.6(4.0)	58.8(4.0)	3.97	2.90	4.50	3	WWH	High	Mod.-High
[OH62 12.23] - TRIB. TO STEEL CREEK (OAK HOLLOW ESTATES) Upper RM: 0.45 / Lower RM: 0.00													
64.50	64.50	64.50	62.8	90.9(4.0)	90.9(4.0)	90.9(4.0)	0.10	0.10	0.10	1	NONE	High	Low-Mod.
[OH62 12.24] - TRIB. TO STEEL CREEK (OAKVIEW ESTATES) Upper RM: 0.40 / Lower RM: 0.00													
64.00	58.00	70.00	64.0	145.8(4.0)	125.0(4.0)	166.7(4.0)	0.10	0.10	0.10	2	NONE	High	Mod.
[OH62 12.3] - TRIB. TO TAYLOR CREEK (AUDUBON WOODS) Upper RM: 1.95 / Lower RM: 0.00													
57.00	57.00	57.00	57.0	100.0(4.0)	100.0(4.0)	100.0(4.0)	0.70	0.70	0.70	1	NONE	Moderate-High	Low
[OH62 12.5] - TRIB. TO TRIB. TO TAYLOR CREEK (W. FK. ACRES) Upper RM: 0.33 / Lower RM: 0.00													
60.00	58.00	62.00	60.0	250.0(4.0)	250.0(4.0)	250.0(4.0)	0.20	0.20	0.20	2	NONE	High	Mod.
[OH62 13] - GREAT MIAMI RIVER (RM 26.6 TO TAYLOR CREEK) Upper RM: 26.60 / Lower RM: 14.98													
70.59	54.00	86.00	68.6	3.5(10)	2.5(10)	4.7(10)	3811.36	999.00	3838.00	11	WWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH62 14] - PADDY'S RUN Upper RM: 8.80 / Lower RM: 0.00													
67.75	60.50	71.50	67.8	17.4(9.5)	6.1(8.0)	25.6(10)	10.83	6.00	16.00	4	WWH	High	Mod.-High
[OH62 15] - BLUEROCK CREEK Upper RM: 3.00 / Lower RM: 0.00													
74.00	73.00	75.00	74.0	75.3(7.0)	25.6(4.0)	125.0(	4.10	1.40	6.80	2	WWH	High	Mod.
[OH62 21] - MUDDY CREEK Upper RM: 8.40 / Lower RM: 0.00													
46.00	44.00	48.00	46.0	66.7(4.0)	50.0(4.0)	83.3(4.0)	9.50	6.70	12.30	2	WWH	Moderate	Mod.
[OH62 21.1] - WEST BRANCH MUDDY CREEK Upper RM: 2.80 / Lower RM: 0.00													
67.25	66.50	68.00	67.3	200.0(4.0	200.0(4.0	200.0(4.0	1.25	1.20	1.30	2	NONE	High	Mod.
[OH62 22] - RAPID RUN Upper RM: 4.70 / Lower RM: 0.00													
37.33	33.50	42.00	37.3	100.0(4.0	100.0(4.0	100.0(4.0	5.80	5.80	5.80	3	LRW	Essentially None	High
[OH62 22.1] - WULFF RUN Upper RM: 2.69 / Lower RM: 0.00													
30.50	30.50	30.50	30.5	90.9(4.0)	90.9(4.0)	90.9(4.0)	2.20	2.20	2.20	1	LRW	Essentially None	High
[OH62 23] - MILL CREEK (WEST FORK MILL CREEK TO OHIO RIVER) Upper RM: 11.57 / Lower RM: 0.00													
40.75	22.00	66.00	52.9	5.3(8.3)	0.1(4.0)	12.1(10)	134.30	74.30	166.10	8	WWH; MWH-C	Essentially None	High
[OH62 23.1] - LUDLOW CREEK Upper RM: 3.40 / Lower RM: 0.00													
57.25	48.50	66.00	57.3	120.5(4.0	90.9(4.0)	150.0(4.0	0.45	0.20	0.70	2	NONE	Moderate-High	Mod.
[OH62 23.2] - BLOODY RUN Upper RM: 3.90 / Lower RM: 0.00													
38.50	34.00	43.00	38.5	55.6(4.0)	55.6(4.0)	55.6(4.0)	3.20	3.20	3.20	2	LRW	Essentially None	High
[OH62 23.3] - WINTON RIDGE TRIBUTARY Upper RM: 2.10 / Lower RM: 0.00													
52.25	48.50	56.00	52.3	99.2(4.0)	55.6(4.0)	142.9(4.0	0.50	0.10	0.90	2	WWH	Moderate-High	Mod.
[OH62 24] - WEST FORK MILL CREEK (DOWNSTREAM) Upper RM: 5.00 / Lower RM: 0.00													
59.00	56.50	61.50	59.0	52.6(4.0)	52.6(4.0)	52.6(4.0)	3.95	3.10	4.80	2	WWH; LRW	Essentially None	High
[OH62 24.1] - TRIB. TO WEST FORK MILL CREEK Upper RM: 2.05 / Lower RM: 0.00													
46.50	46.50	46.50	46.5	83.3(4.0)	83.3(4.0)	83.3(4.0)	1.70	1.70	1.70	1	NONE	Moderate	Low
[OH62 25] - ROSS RUN Upper RM: 4.90 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH62 26] - WEST FORK MILL CREEK (UPSTREAM) Upper RM: 15.20 / Lower RM: 0.00													
62.38	44.50	76.00	62.4	15.5(8.9)	5.9(4.0)	52.6(10)	23.56	3.50	36.40	13	WWH	High	High
[OH62 26.1] - TRIB. TO WINTON LAKE (DALY RD. CREEK) Upper RM: 5.60 / Lower RM: 0.00													
60.00	60.00	60.00	60.0	25.0(10)	25.0(10)	25.0(10)	1.50	1.50	1.50	1	NONE	High	Low
[OH62 27] - MILL CREEK (SHARON CREEK TO WEST FORK MILL CREEK) Upper RM: 15.63 / Lower RM: 11.57													
63.60	60.00	71.00	52.9	9.3(8.4)	6.2(8.0)	12.4(10)	69.00	64.00	73.00	5	WWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH62 27.1] - ROSSMOYNE CREEK Upper RM: 5.00 / Lower RM: 0.00													
55.13	43.00	65.50	55.1	50.9(4.0)	41.7(4.0)	58.8(4.0)	3.65	0.20	5.90	4	WWH	Moderate-High	Mod.-High
[OH62 27.2] - TRIB. TO MILL CREEK (RM 13.85) (G.E.) Upper RM: 3.00 / Lower RM: 0.00													
68.00	68.00	68.00	68.0	10.5(8.0)	10.5(8.0)	10.5(8.0)	1.50	1.50	1.50	1	LRW	Essentially None	High
[OH62 28] - SHARON CREEK Upper RM: 5.50 / Lower RM: 0.00													
66.50	52.50	77.50	66.5	23.1(9.0)	13.9(8.0)	32.3(10)	6.10	1.70	10.50	4	WWH	High	Mod.-High
[OH62 30] - MILL CREEK (HEADWATERS TO SHARON CREEK) Upper RM: 28.35 / Lower RM: 15.64													
60.25	52.50	64.00	52.9	9.8(7.3)	4.7(6.0)	31.3(8.0)	32.57	4.10	50.00	6	WWH; LWH	High	High
[OH62 30.1] - TOWN RUN Upper RM: 2.08 / Lower RM: 0.00													
58.75	54.50	63.00	58.8	46.9(6.0)	10.5(4.0)	83.3(8.0)	1.60	1.20	2.00	2	WWH	Moderate-High	Mod.
[OH62 31] - EAST FORK MILL CREEK Upper RM: 7.10 / Lower RM: 0.00													
63.17	45.50	74.00	63.2	30.5(6.3)	7.9(4.0)	76.9(10)	6.75	3.90	9.30	6	WWH	High	High
WABASH RIVER - [Watershed QHEI: 49.7, N = 9]													
[OH63 1] - WABASH RIVER (BEAVER CREEK TO OHIO/INDIANA LINE) Upper RM: 468.82 / Lower RM: 466.10													
55.00	55.00	55.00	50.1	1.1(6.0)	1.1(6.0)	1.1(6.0)	249.00	249.00	249.00	1	WWH	Low - Moderate	Low-Mod.
[OH63 16] - WABASH RIVER (STONY CREEK TO BEAVER CREEK) Upper RM: 481.39 / Lower RM: 468.82													
54.67	51.00	57.00	50.1	5.1(8.0)	3.9(8.0)	5.7(8.0)	107.00	95.00	124.00	3	WWH	Moderate-High	High
[OH63 19] - WABASH RIVER (HEADWATERS TO STONY CREEK) Upper RM: 508.80 / Lower RM: 481.39													
44.00	44.00	44.00	50.1	5.1(6.7)	4.9(6.0)	5.6(8.0)	70.00	65.00	73.00	3	WWH	Low	High
[OH63 19.1] - TRIB. TO WABASH RIVER Upper RM: 1.30 / Lower RM: 0.00													
48.25	38.50	58.00	48.3	47.6(4.0)	47.6(4.0)	47.6(4.0)	0.65	0.60	0.70	2	NONE	Moderate	Mod.
[OH63 26] - MISSISSINEWA RIVER (HEADWATERS TO OH./IND. LINE) Upper RM: 8.60 / Lower RM: 0.00													
											MWH-C	Essentially None	High
ST. MARYS RIVER - [Watershed QHEI: 44.9, N = 29]													
[OH64 4] - BLACK CREEK Upper RM: 17.00 / Lower RM: 0.00													
34.00	34.00	34.00	34.0	3.1(6.0)	3.1(6.0)	3.1(6.0)	54.00	54.00	54.00	1	MWH-C	Essentially None	High
[OH64 12] - TWELVEMILE CREEK Upper RM: 13.40 / Lower RM: 0.00													
47.50	43.00	52.00	47.5	2.1(4.0)	1.9(4.0)	2.4(4.0)	32.80	30.60	35.00	2	WWH	Moderate-High	Low-Mod.
[OH64 13] - BLIERDOFER DITCH Upper RM: 3.00 / Lower RM: 0.00													
35.50	35.50	35.50	35.5	4.7(6.0)	4.7(6.0)	4.7(6.0)	9.80	9.80	9.80	1	MWH-C	Essentially None	High
[OH64 13.1] - WAUGH DITCH Upper RM: 2.82 / Lower RM: 0.00													
38.50	32.50	45.00	38.5	16.2(8.7)	11.4(8.0)	25.6(10)	0.87	0.30	1.90	3	MWH-C	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH64 13.2] - DIXON DITCH Upper RM: 0.53 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH64 15] - ST. MARYS R. (SIXMILE CREEK TO TWELVEMILE CREEK) Upper RM: 89.12 / Lower RM: 71.30													
46.00	41.00	54.00	55.7	1.3(5.3)	0.9(4.0)	1.9(6.0)	208.00	181.00	231.00	3	WWH	Low - Moderate	High
[OH64 18] - ST. MARYS RIVER (MIAMI/ERIE CANAL TO SIXMILE CR.) Upper RM: 100.17 / Lower RM: 89.12													
65.88	62.00	74.50	55.7	2.3(6.5)	1.8(6.0)	3.9(8.0)	150.25	148.00	156.00	4	WWH	High	High
[OH64 20.1] - TRIB. TO FOURMILE CREEK (RM 3.72) Upper RM: 0.70 / Lower RM: 0.00													
35.25	17.00	53.50	35.3	38.7(6.0)	35.7(4.0)	41.7(8.0)	0.35	0.30	0.40	2	LRW	Essentially None	High
[OH64 25] - ST. MARYS RIVER (GRAND LAKE TO ST. MARYS) Upper RM: 102.00 / Lower RM: 100.17													
44.00	44.00	44.00	55.7	4.0(6.0)	4.0(6.0)	4.0(6.0)	67.10	67.10	67.10	1	WWH	Low	Low-Mod.
[OH64 26] - KOPP CREEK Upper RM: 13.46 / Lower RM: 0.00													
40.80	24.00	69.00	40.8	10.3(9.6)	7.6(8.0)	17.2(10)	22.46	3.30	34.00	5	WWH	Low	High
[OH64 27] - WIERTH DITCH Upper RM: 4.02 / Lower RM: 0.00													
28.00	28.00	28.00	28.0	8.1(6.0)	8.1(6.0)	8.1(6.0)	5.80	5.80	5.80	1	MWH-C	Essentially None	High
[OH64 28] - TRIB. TO KOPP CREEK (RM 5.4) Upper RM: 5.78 / Lower RM: 0.00													
38.00	38.00	38.00	38.0	8.6(6.0)	8.6(6.0)	8.6(6.0)	4.40	4.40	4.40	1	WWH	Low	Low
[OH64 29] - CLEAR CREEK Upper RM: 13.50 / Lower RM: 0.00													
34.00	34.00	34.00	34.0	4.4(6.0)	4.4(6.0)	4.4(6.0)	13.80	13.80	13.80	1	WWH	Very Low	Low
[OH64 30] - CENTER BRANCH Upper RM: 12.30 / Lower RM: 0.00													
50.67	40.00	66.50	50.7	6.7(7.3)	5.7(6.0)	7.4(10)	11.53	5.10	15.50	3	WWH	Moderate	Mod.-High
[OH64 31] - CARTER CREEK Upper RM: 7.50 / Lower RM: 0.00													
50.00	50.00	50.00	50.0	6.9(10)	6.9(10)	6.9(10)	10.00	10.00	10.00	1	WWH	Moderate	Low
ST. JOSEPH RIVER (INCLUDING GORDON CREEK) - [Watershed QHEI: 59.9, N = 44]													
[OH65 1] - MAUMEE RIVER (GORDON CREEK TO TIFFIN RIVER) Upper RM: 81.49 / Lower RM: 65.76													
65.00	54.00	76.00	55.0	1.0(8.0)	1.0(8.0)	1.0(8.0)	2309.00	999.00	2309.00	2	WWH	Moderate - High	Mod.
[OH65 6] - GORDON CREEK Upper RM: 16.30 / Lower RM: 0.00													
30.00	30.00	30.00	30.0	2.3(4.0)	2.3(4.0)	2.3(4.0)	37.00	37.00	37.00	1	MWH-C	Essentially None	High
[OH65 7] - SOUTH FORK GORDON CREEK Upper RM: 12.10 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH65 8] - NORTH FORK GORDON CREEK Upper RM: 10.80 / Lower RM: 0.00													
											MWH-C	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH65 9] - MIDDLE FORK GORDON CREEK Upper RM: 8.50 / Lower RM: 0.00													
38.33	36.00	42.00	38.3	7.5(6.0)	6.0(6.0)	9.8(6.0)	8.33	6.00	12.00	3	MWH-C	Essentially None	High
[OH65 9.1] - MILL CREEK (HICKSVILLE) Upper RM: 2.08 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH65 10.1] - TRIB. TO MAUMEE RIVER (RM 84.4) Upper RM: 1.03 / Lower RM: 0.00													
35.00	28.00	42.00	35.0	15.9(7.0)	2.3(4.0)	29.4(10)	0.30	0.20	0.40	2	NONE	Low	Mod.
[OH65 21] - ST. JOSEPH RIVER (FISH CREEK TO OH/IND. BORDER) Upper RM: 52.93 / Lower RM: 41.68													
51.13	33.00	60.00	57.3	0.9(4.0)	0.9(4.0)	0.9(4.0)	553.50	551.00	557.00	4	WWH	Low - Moderate	High
[OH65 26] - FISH CREEK (OH./IND. BORDER TO ST. JOSEPH RIVER) Upper RM: 5.57 / Lower RM: 0.00													
70.57	64.00	79.00	70.4	3.4(8.0)	2.7(8.0)	4.0(8.0)	106.71	105.00	109.00	7	EWH; WWH	High	High
[OH65 26.1] - FISH CREEK (INDIANA PORTION) Upper RM: 29.99 / Lower RM: 5.58													
72.82	68.00	77.00	70.4	4.0(6.0)	3.5(6.0)	4.2(6.0)	84.09	60.00	99.00	11	EWH	High	High
[OH65 27] - FISH CREEK (HEADWATERS TO OH./IND. BORDER) Upper RM: 36.00 / Lower RM: 30.00													
42.50	42.50	42.50	70.4	7.1(6.0)	7.1(6.0)	7.1(6.0)	8.10	8.10	8.10	1	WWH		Low-Mod.
[OH65 28] - ST. JOSEPH RIVER (BEAR CREEK TO FISH CREEK) Upper RM: 60.98 / Lower RM: 52.93													
57.00	57.00	57.00	57.3	1.4(6.0)	1.4(6.0)	1.4(6.0)	434.00	434.00	434.00	1	WWH	Low - Moderate	Low-Mod.
[OH65 31] - BEAR CREEK Upper RM: 11.20 / Lower RM: 0.00													
51.70	26.50	74.00	51.7	5.3(6.8)	3.4(6.0)	9.7(10)	18.94	4.40	24.30	5	WWH	Moderate-High	High
[OH65 32] - TAMARACK DITCH Upper RM: 2.60 / Lower RM: 0.00													
12.50	12.50	12.50	12.5	3.7(4.0)	3.7(4.0)	3.7(4.0)	4.10	4.10	4.10	1	WWH	Essentially None	Low
[OH65 33] - ST. JOSEPH RIVER (NETTLE CREEK TO BEAR CREEK) Upper RM: 80.37 / Lower RM: 60.98													
67.00	58.50	75.50	57.3	0.6(4.0)	0.6(4.0)	0.6(4.0)	367.50	341.00	394.00	2	WWH	Moderate - High	Mod.
[OH65 37] - ST. JOSEPH RIVER (HEADWATERS TO NETTLE CREEK) Upper RM: 84.57 / Lower RM: 80.37													
63.00	63.00	63.00	57.3	1.8(6.0)	1.8(6.0)	1.8(6.0)	288.00	288.00	288.00	1	WWH	Moderate - High	Low-Mod.
[OH65 38] - JOHN LATTANER DITCH Upper RM: 3.05 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH65 39] - WEST BRANCH ST. JOSEPH RIVER Upper RM: 11.00 / Lower RM: 0.00													
76.50	73.00	80.00	76.5	5.0(9.0)	4.2(8.0)	5.7(10)	103.25	98.50	108.00	2	WWH	Very High Quality	Low-Mod.
[OH65 42] - SILVER CREEK Upper RM: 2.90 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	9.4(10)	9.4(10)	9.4(10)	29.00	29.00	29.00	1	WWH	High	Low

BLANCHARD RIVER - [Watershed QHEI: 41.4, N = 57]

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH66 1] - OTTAWA CREEK Upper RM: 17.80 / Lower RM: 0.00													
58.25	50.50	66.00	58.3	4.3(6.0)	3.4(6.0)	5.2(6.0)	44.00	26.00	62.00	2	WWH	Moderate-High	Low-Mod.
[OH66 1.1] - JACOB BURKET DITCH Upper RM: 1.90 / Lower RM: 0.00													
32.75	21.00	44.50	32.8	17.6(9.0)	14.3(8.0)	20.8(10)	0.90	0.20	1.60	2	LRW	Essentially None	High
[OH66 1.2] - W.B. MOYER DITCH Upper RM: 2.90 / Lower RM: 0.00													
54.50	50.00	59.00	54.5	11.4(8.0)	7.6(6.0)	15.2(10)	2.20	1.80	2.60	2	MWH-C	Essentially None	High
[OH66 1.3] - ADAM HEININGER DITCH Upper RM: 1.45 / Lower RM: 0.00													
41.00	41.00	41.00	41.0	38.5(8.0)	38.5(8.0)	38.5(8.0)	0.80	0.80	0.80	1	LRW	Essentially None	High
[OH66 1.4] - HIGBIE-REDICK DITCH Upper RM: 6.41 / Lower RM: 0.00													
33.50	32.50	34.50	33.5	4.7(4.0)	4.7(4.0)	4.8(4.0)	5.85	5.30	6.40	2	MWH-C	Essentially None	High
[OH66 3] - BLANCHARD (EAGLE CREEK TO OTTAWA CREEK) Upper RM: 58.10 / Lower RM: 45.64													
58.67	39.50	68.50	57.2	1.2(5.6)	0.1(4.0)	1.8(6.0)	349.00	335.00	387.00	15	WWH	Low - Moderate	High
[OH66 3.2] - TAWA RUN Upper RM: 4.27 / Lower RM: 0.00													
25.00	25.00	25.00	25.0	8.8(6.0)	8.8(6.0)	8.8(6.0)	2.60	2.60	2.60	1	LRW	Essentially None	High
[OH66 3.21] - OMER SELHORST DITCH Upper RM: 1.84 / Lower RM: 0.00													
4.27	2.00	18.50	16.8	1.2(2.6)	0.0(2.0)	7.7(6.0)	0.09		0.80	13	LRW	Essentially None	High
[OH66 4] - OIL DITCH Upper RM: 3.50 / Lower RM: 0.00													
40.50	36.00	48.50	40.5	10.8(6.7)	10.0(6.0)	12.5(8.0)	2.83	2.50	3.00	3	LRW; WWH	Essentially None	High
[OH66 5] - EAGLE CREEK Upper RM: 22.28 / Lower RM: 0.00													
55.83	44.50	69.00	55.8	2.4(4.0)	0.1(2.0)	5.4(6.0)	46.33	37.00	51.00	3	WWH	Moderate-High	Mod.-High
[OH66 10] - BLANCHARD (THE OUTLET TO EAGLE CREEK) Upper RM: 63.63 / Lower RM: 58.10													
59.60	42.00	77.00	57.2	1.1(5.6)	0.1(4.0)	2.1(8.0)	242.80	232.00	274.00	5	WWH	Moderate-High	High
[OH66 13] - BLANCHARD RIVER (POTATO RUN TO THE OUTLET) Upper RM: 76.27 / Lower RM: 63.63													
63.50	47.00	72.00	57.2	2.6(6.7)	2.0(6.0)	3.8(8.0)	144.00	142.00	145.00	3	WWH	High	High
[OH66 18] - BLANCHARD (THE OUTLET TO POTATO RUN) Upper RM: 90.94 / Lower RM: 76.27													
56.17	52.00	61.00	57.2	2.2(6.7)	2.1(4.0)	2.3(8.0)	102.33	83.00	112.00	3	WWH	Moderate-High	High
[OH66 21] - BLANCHARD RIVER (HEADWATERS TO THE OUTLET) Upper RM: 104.20 / Lower RM: 90.94													
28.50	25.00	32.00	57.2	2.4(4.0)	2.4(4.0)	2.4(4.0)	45.50	43.00	48.00	2	WWH	Essentially None	Mod.
LOWER AUGLAIZE RIVER - [Watershed QHEI: 58.8, N = 21]													
[OH67 1] - BLANCHARD RIVER (CRANBERRY CREEK TO AUGLAIZE R.) Upper RM: 17.30 / Lower RM: 0.00													
45.75	44.00	49.00	57.2	0.5(7.0)	0.1(6.0)	0.8(8.0)	737.50	704.00	771.00	4	WWH	Low - Moderate	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH67 6] - BLANCHARD RIVER (RILEY CREEK TO CRANBERRY CREEK) Upper RM: 30.08 / Lower RM: 17.30													
58.60	45.00	68.50	57.2	1.3(8.4)	0.8(8.0)	3.0(10)	635.20	624.00	645.00	5	WWH	Low - Moderate	High
[OH67 10] - RILEY CREEK (LITTLE RILEY CREEK TO BLANCHARD R.) Upper RM: 15.30 / Lower RM: 0.00													
63.75	53.00	73.50	61.0	5.9(7.5)	3.3(6.0)	9.6(10)	64.63	44.50	84.00	4	WWH	High	High
[OH67 12] - RILEY CREEK (HEADWATERS TO LITTLE RILEY CREEK) Upper RM: 26.80 / Lower RM: 15.30													
55.50	54.50	56.50	61.0	6.7(9.0)	6.3(8.0)	7.1(10)	37.70	31.00	44.40	2	WWH	Moderate-High	Mod.
[OH67 13] - LITTLE RILEY CREEK Upper RM: 8.30 / Lower RM: 0.00													
59.00	57.50	60.50	59.0	6.4(10)	6.3(10)	6.6(10)	14.65	13.50	15.80	2	WWH	Moderate-High	Mod.
[OH67 20] - BLANCHARD RIVER (OTTAWA CREEK TO RILEY CREEK) Upper RM: 45.64 / Lower RM: 30.08													
68.75	49.00	81.00	57.2	1.8(7.0)	0.5(4.0)	2.3(8.0)	492.25	460.00	503.00	4	WWH	Moderate - High	High
OTTAWA RIVER - [Watershed QHEI: 66.8, N = 64]													
[OH68 1] - OTTAWA RIVER (SUGAR CREEK TO AUGLAIZE RIVER) Upper RM: 6.57 / Lower RM: 0.00													
76.88	71.00	80.00	72.7	1.8(6.5)	1.7(6.0)	2.2(8.0)	350.00	308.00	364.00	4	WWH	Very High Quality	High
[OH68 4] - SUGAR CREEK Upper RM: 28.90 / Lower RM: 0.00													
62.06	50.50	75.00	62.1	5.8(7.5)	2.7(6.0)	10.4(10)	33.25	17.00	64.00	8	WWH	High	High
[OH68 4.2] - TRIB. TO SUGAR CREEK (MR 18.8) Upper RM: 2.00 / Lower RM: 0.00													
69.00	64.00	74.00	69.0	22.2(10)	21.7(10)	22.7(10)	1.50	1.00	2.00	2	NONE	High	Mod.
[OH68 8] - OTTAWA RIVER (HONEY RUN TO SUGAR CREEK) Upper RM: 22.93 / Lower RM: 6.57													
75.00	67.00	87.00	72.7	3.5(8.4)	1.4(6.0)	5.3(10)	220.00	194.00	238.00	5	WWH	Very High Quality	High
[OH68 9] - LEATHERWOOD DITCH Upper RM: 9.30 / Lower RM: 0.00													
23.50	23.50	23.50	23.5	3.8(6.0)	3.8(6.0)	3.8(6.0)	10.00	10.00	10.00	1	WWH	Essentially None	Low
[OH68 10] - PIKE RUN Upper RM: 9.45 / Lower RM: 0.00													
39.50	28.50	50.00	39.5	6.2(6.0)	4.8(6.0)	6.9(6.0)	5.30	2.90	10.10	3	MWH-C	Essentially None	High
[OH68 11] - OTTAWA RIVER (LITTLE OTTAWA RIVER TO HONEY RUN) Upper RM: 35.30 / Lower RM: 22.93													
77.94	67.50	85.00	72.7	4.7(9.3)	2.2(8.0)	6.3(10)	156.88	151.00	165.00	8	WWH	Very High Quality	High
[OH68 13] - DUG RUN Upper RM: 5.90 / Lower RM: 0.00													
76.50	76.50	76.50	76.5	6.3(10)	6.3(10)	6.3(10)	11.50	11.50	11.50	1	WWH	Very High Quality	Low
[OH68 17] - OTTAWA RIVER (HOG CREEK TO LITTLE OTTAWA RIVER) Upper RM: 50.70 / Lower RM: 35.30													
70.04	45.00	90.50	72.7	4.7(8.2)	0.1(2.0)	7.9(10)	120.55	96.30	134.00	27	WWH	High	High
[OH68 20] - HOG CREEK Upper RM: 14.20 / Lower RM: 0.00													
46.00	18.50	73.50	46.0	3.7(6.0)	1.4(4.0)	5.9(8.0)	52.55	31.80	73.30	2	MWH-C; WWH	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH68 21] - GRASS CREEK Upper RM: 4.50 / Lower RM: 0.00													
30.50	25.00	36.00	28.3	6.1(8.0)	6.0(6.0)	6.2(10)	8.70	7.80	9.60	2	WWH	Low	Mod.-High
[OH68 26] - LITTLE HOG CREEK Upper RM: 4.80 / Lower RM: 0.00													
69.50	69.50	69.50	69.5	5.0(6.0)	5.0(6.0)	5.0(6.0)	15.10	15.10	15.10	1	WWH	Moderate - High	Low
LITTLE AUGLAIZE RIVER - [Watershed QHEI: 30.9, N = 43]													
[OH69 1] - LITTLE AUGLAIZE R. (DOG CREEK TO AUGLAIZE RIVER) Upper RM: 8.45 / Lower RM: 0.00													
36.83	26.00	44.50	30.9	1.8(6.7)	0.1(4.0)	2.7(8.0)	327.00	288.00	405.00	3	MWH-C	Essentially None	High
[OH69 2] - PRAIRIE CREEK (HAGERMAN CR. TO LITTLE AUGLAIZE R.) Upper RM: 11.11 / Lower RM: 0.00													
23.00	23.00	23.00	30.0	1.6(6.0)	1.6(6.0)	1.6(6.0)	106.00	106.00	106.00	1	MWH-C	Essentially None	High
[OH69 3] - WEST BRANCH (HOAGLIN CREEK TO PRAIRIE CREEK) Upper RM: 9.70 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 4] - HOG RUN Upper RM: 2.70 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 5] - HOAGLIN CREEK Upper RM: 26.00 / Lower RM: 0.00													
24.25	19.50	29.00	24.3	2.0(4.0)	2.0(4.0)	2.0(4.0)	41.00	41.00	41.00	2	MWH-C	Essentially None	High
[OH69 6] - MONKEY RUN Upper RM: 6.40 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 7] - DOG RUN Upper RM: 3.10 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 8] - HAGERMAN CREEK Upper RM: 17.20 / Lower RM: 0.00													
34.75	26.00	44.00	34.8	3.6(4.0)	2.9(4.0)	4.6(4.0)	6.93	1.10	14.00	4	MWH-C	Essentially None	High
[OH69 9] - PRAIRIE CREEK (HEADWATERS TO HAGERMAN CREEK) Upper RM: 23.34 / Lower RM: 11.11													
31.17	27.00	38.00	30.0	2.6(4.0)	2.3(4.0)	3.0(4.0)	20.00	18.00	23.00	6	MWH-C	Essentially None	High
[OH69 10] - DRY CREEK Upper RM: 4.30 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 11] - MIDDLE CREEK Upper RM: 9.50 / Lower RM: 0.00													
52.17	42.00	62.50	52.2	3.8(6.7)	2.8(6.0)	5.3(8.0)	94.77	86.30	100.00	3	MWH-C	Essentially None	High
[OH69 12] - MADDOX CREEK Upper RM: 24.70 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 13] - BALYEAT DITCH Upper RM: 5.10 / Lower RM: 0.00													
											MWH-C	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max				
[OH69 14] - SHEETS DITCH Upper RM: 5.60 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 15] - TOWN CREEK Upper RM: 31.10 / Lower RM: 0.00													
31.70	28.00	35.50	31.7	3.2(5.2)	2.5(4.0)	4.0(6.0)	36.40	22.00	51.00	5	MWH-C	Essentially None	High
[OH69 16] - ROLLER CREEK Upper RM: 5.90 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 17] - DOG CREEK Upper RM: 28.00 / Lower RM: 0.00													
26.30	19.50	32.00	26.3	2.7(4.4)	1.8(4.0)	4.4(6.0)	44.44	7.30	59.90	5	MWH-C	Essentially None	High
[OH69 18] - EMMIT BELL DITCH Upper RM: 4.70 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 19] - SPICE RUN Upper RM: 6.90 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 20] - LITTLE AUGLAIZE RIVER (EVANS DITCH TO DOG CREEK) Upper RM: 35.37 / Lower RM: 8.45													
32.20	22.00	37.00	30.9	2.2(4.8)	1.1(4.0)	3.5(6.0)	79.20	48.00	103.00	5	MWH-C	Essentially None	High
[OH69 20.1] - EVANS DITCH Upper RM: 4.27 / Lower RM: 0.00													
20.75	15.00	28.00	20.8	5.3(5.0)	3.6(4.0)	7.5(6.0)	1.35	0.70	2.50	4	LRW	Essentially None	High
[OH69 21] - BRANDEHOFF DITCH Upper RM: 6.10 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 22] - DRY FORK Upper RM: 5.60 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 23] - HERMANN DITCH Upper RM: 3.20 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 24] - BENSON DITCH Upper RM: 6.50 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 25] - LITTLE AUGLAIZE RIVER (HEADWATERS TO EVANS DITCH) Upper RM: 46.34 / Lower RM: 35.37													
22.67	22.00	24.00	30.9	1.7(4.0)	1.5(4.0)	2.2(4.0)	36.00	34.00	37.00	3	MWH-C	Essentially None	High
[OH69 26] - WOLF DITCH Upper RM: 5.80 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 27] - LONG PRAIRIE CREEK Upper RM: 10.30 / Lower RM: 0.00													
31.00	26.00	36.00	31.0	3.3(5.0)	2.9(4.0)	3.7(6.0)	9.00	7.00	11.00	2	MWH-C	Essentially None	High
[OH69 28] - KYLE PRAIRIE DITCH Upper RM: 8.60 / Lower RM: 0.00													
											MWH-C	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH69 29] - GREENS DITCH Upper RM: 5.60 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH69 30] - FRISINGER DITCH Upper RM: 2.10 / Lower RM: 0.00													
											MWH-C	Essentially None	High
UPPER AUGLAIZE RIVER - [Watershed QHEI: 53.5, N = 51]													
[OH70 1] - AUGLAIZE RIVER (BLANCHARD R. TO L. AUGLAIZE R.) Upper RM: 26.20 / Lower RM: 16.45													
69.00	53.00	85.00	60.5	0.1(6.0)	0.1(6.0)	0.1(6.0)	1518.00	999.00	1526.00	2	WWH	Moderate - High	Mod.
[OH70 3] - AUGLAIZE RIVER (OTTAWA RIVER TO BLANCHARD RIVER) Upper RM: 33.26 / Lower RM: 26.20													
75.50	72.00	79.00	60.5	5.6(10)	5.6(10)	5.6(10)	717.00	717.00	717.00	2	EWH; WWH	Very High Quality	Mod.
[OH70 5] - AUGLAIZE RIVER (JENNINGS CREEK TO OTTAWA RIVER) Upper RM: 47.02 / Lower RM: 33.26													
74.75	68.50	81.00	60.5	3.1(8.0)	3.1(8.0)	3.1(8.0)	327.00	327.00	327.00	2	EWH	High	Mod.
[OH70 7] - JENNINGS CREEK Upper RM: 14.50 / Lower RM: 0.00													
46.92	29.50	59.50	46.9	2.4(4.3)	1.5(4.0)	2.9(6.0)	49.78	39.50	69.00	6	WWH	Moderate-High	High
[OH70 8] - FLAT FORK Upper RM: 9.60 / Lower RM: 0.00													
33.25	24.50	42.00	33.3	4.5(5.0)	2.9(4.0)	6.2(6.0)	8.75	8.30	9.20	2	WWH	Very Low	Mod.
[OH70 12] - AUGLAIZE RIVER (SIXMILE CREEK TO JENNINGS CREEK) Upper RM: 62.31 / Lower RM: 47.02													
58.07	39.50	79.00	60.5	2.0(6.9)	0.7(4.0)	2.5(8.0)	224.57	219.00	234.00	7	EWH	Moderate-High	High
[OH70 13] - AUGLAIZE RIVER (TWO MILE CREEK TO SIXMILE CREEK) Upper RM: 72.28 / Lower RM: 62.31													
53.36	33.50	81.50	60.5	0.7(4.0)	0.7(4.0)	0.7(4.0)	207.29	202.00	211.00	7	WWH	Moderate-High	High
[OH70 14] - SIXMILE CREEK Upper RM: 6.81 / Lower RM: 0.00													
43.32	26.50	57.00	43.3	9.5(6.7)	5.7(6.0)	14.3(8.0)	5.39	2.50	8.70	11	MWH-C; WWH	Essentially None	High
[OH70 14.1] - TRIB. TO SIXMILE CREEK (SPENCERVILLE) Upper RM: 0.20 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH70 16] - TWO MILE CREEK Upper RM: 11.60 / Lower RM: 0.00													
59.50	40.00	81.50	59.5	6.2(7.3)	5.0(6.0)	8.6(10)	18.93	12.20	30.80	3	WWH	Moderate-High	Mod.-High
[OH70 16.3] - SHEARER DITCH Upper RM: 2.67 / Lower RM: 0.00													
35.50	35.50	35.50	35.5	10.6(8.0)	10.6(8.0)	10.6(8.0)	1.30	1.30	1.30	1		Low	Low
[OH70 17] - AUGLAIZE RIVER (PUSHETA CREEK TO TWO MILE CREEK) Upper RM: 83.57 / Lower RM: 72.28													
75.50	75.50	75.50	60.5	1.5(6.0)	1.5(6.0)	1.5(6.0)	150.00	150.00	150.00	1	WWH	Very High Quality	Low-Mod.
[OH70 18] - PUSHETA CREEK Upper RM: 13.70 / Lower RM: 0.00													
49.00	41.00	57.00	49.0	9.1(10)	8.6(10)	9.6(10)	23.50	11.10	35.90	2	WWH	Moderate-High	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH70 20] - AUGLAIZE RIVER (BLACKHOOF CREEK TO PUSHETA CREEK) Upper RM: 93.09 / Lower RM: 83.57													
70.50	56.00	81.00	60.5	4.6(8.7)	1.6(6.0)	6.1(10)	111.33	110.00	112.00	3	WWH	High	High
[OH70 24] - HUFFMAN CREEK Upper RM: 3.30 / Lower RM: 0.00													
52.00	52.00	52.00	52.0	20.0(10)	20.0(10)	20.0(10)	1.50	1.50	1.50	1	WWH	Moderate-High	Low
[OH70 25] - AUGLAIZE RIVER (HEADWATERS TO BLACKHOOF CREEK) Upper RM: 101.90 / Lower RM: 93.09													
37.00	37.00	37.00	60.5	2.0(4.0)	2.0(4.0)	2.0(4.0)	48.80	48.80	48.80	1	WWH	Very Low	Low-Mod.
UPPER MAUMEE RIVER - [Watershed QHEI: 56.2, N = 48]													
[OH71 1] - AUGLAIZE RIVER (FLATROCK CREEK TO MAUMEE RIVER) Upper RM: 11.08 / Lower RM: 0.00													
56.50	50.00	67.50	60.5	0.5(7.3)	0.1(6.0)	0.7(8.0)	2383.67	999.00	2448.00	3	WWH	Moderate-High	High
[OH71 2] - POWELL CREEK Upper RM: 19.60 / Lower RM: 0.00													
58.50	55.00	62.00	58.5	3.3(8.0)	3.3(8.0)	3.3(8.0)	112.00	112.00	112.00	2	WWH	Moderate-High	Low-Mod.
[OH71 4] - NORTH POWELL CREEK Upper RM: 13.00 / Lower RM: 0.00													
40.75	39.00	42.50	40.8	1.0(4.0)	1.0(4.0)	1.0(4.0)	40.00	40.00	40.00	2	WWH	Very Low	Low-Mod.
[OH71 6] - SOUTH POWELL CREEK Upper RM: 15.50 / Lower RM: 0.00													
37.67	31.50	41.50	37.7	1.2(2.7)	1.0(2.0)	1.6(4.0)	12.00	4.00	26.00	3	WWH	Very Low	Mod.-High
[OH71 6.1] - CONTINENTAL DITCH Upper RM: 1.40 / Lower RM: 0.00													
23.50	23.50	23.50	23.5	9.6(6.0)	9.6(6.0)	9.6(6.0)	1.50	1.50	1.50	1	LRW	Essentially None	High
[OH71 12] - SIXMILE CREEK Upper RM: 12.00 / Lower RM: 0.00													
											MWH-C; WWH	Unknown	High
[OH71 15] - FLATROCK CREEK (WILDCAT CREEK TO AUGLAIZE RIVER) Upper RM: 23.64 / Lower RM: 0.00													
59.79	52.50	71.00	59.3	1.9(6.3)	1.0(4.0)	2.4(8.0)	171.29	140.00	191.00	7	WWH	Moderate-High	High
[OH71 16] - FLATROCK CREEK (OH./IND. BORDER TO WILDCAT CREEK) Upper RM: 34.11 / Lower RM: 23.64													
58.17	45.00	76.00	59.3	2.1(6.7)	1.8(6.0)	2.4(8.0)	126.67	120.00	132.00	3	WWH	Moderate-High	High
[OH71 19] - AUGLAIZE RIVER (L. AUGLAIZE R. TO FLATROCK CREEK) Upper RM: 16.45 / Lower RM: 11.08													
43.00	43.00	43.00	60.5	0.1(6.0)	0.1(6.0)	0.1(6.0)	1932.00	999.00	1932.00	1	WWH	Very Low	Low-Mod.
[OH71 20] - BLUE CREEK (CUNNINGHAM CREEK TO AUGLAIZE RIVER) Upper RM: 16.27 / Lower RM: 0.00													
34.00	34.00	34.00	27.5	1.6(6.0)	1.6(6.0)	1.6(6.0)	107.00	107.00	107.00	1	MWH-C	Essentially None	High
[OH71 20.1] - DELAET-BROUGHTON DITCH Upper RM: 3.80 / Lower RM: 0.00													
44.83	30.50	56.00	44.8	5.0(4.7)	4.0(4.0)	7.1(6.0)	4.10	3.50	4.50	3	MWH-C	Essentially None	High
[OH71 22] - WEBSTER DITCH (ZIELKE DITCH) Upper RM: 7.87 / Lower RM: 0.00													
24.3											MWH-C	Essentially None	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH71 23] - BLUE CREEK (HEADWATERS TO CUNNINGHAM CREEK) Upper RM: 37.19 / Lower RM: 16.28													
63.05	20.00	88.00	27.5	0.5(5.9)	0.1(4.0)	5.2(6.0)	****. **	3.00	****. **	22	MWH-C	Essentially None	High
TIFFIN RIVER - [Watershed QHEI: 45.7, N = 31]													
[OH72 1] - TIFFIN RIVER (LICK CREEK TO MAUMEE RIVER) Upper RM: 8.18 / Lower RM: 0.00													
49.25	43.00	56.50	46.7	0.5(6.0)	0.5(6.0)	0.5(6.0)	756.25	736.00	776.00	4	WWH	Low - Moderate	High
[OH72 6] - MUD CREEK Upper RM: 12.00 / Lower RM: 0.00													
55.00	55.00	55.00	55.0	2.7(6.0)	2.7(6.0)	2.7(6.0)	55.00	55.00	55.00	1	WWH	Moderate-High	Low
[OH72 10] - LICK CREEK (LITTLE LICK CREEK TO TIFFIN RIVER) Upper RM: 10.14 / Lower RM: 0.00													
54.00	51.50	56.50	51.7	1.8(5.0)	1.7(4.0)	1.9(6.0)	83.00	61.00	105.00	2	WWH	Low - Moderate	Mod.
[OH72 11] - PRAIRIE CREEK Upper RM: 12.75 / Lower RM: 0.00													
37.75	33.50	40.50	37.8	4.3(5.0)	2.9(4.0)	6.2(6.0)	9.18	1.70	19.00	4	WWH	Very Low	Mod.-High
[OH72 13] - LICK CREEK (HEADWATERS TO LITTLE LICK CREEK) Upper RM: 28.07 / Lower RM: 10.14													
47.00	47.00	47.00	51.7	3.0(4.0)	3.0(4.0)	3.0(4.0)	36.00	36.00	36.00	1	WWH	Moderate	Low-Mod.
[OH72 16] - TIFFIN RIVER (LEATHERWOOD CREEK TO LICK CREEK) Upper RM: 36.34 / Lower RM: 8.18													
45.00	36.00	53.00	46.7	0.7(4.3)	0.5(4.0)	1.1(6.0)	458.88	408.00	562.00	8	WWH	Very Low	High
[OH72 18] - BRUSH CREEK Upper RM: 21.40 / Lower RM: 0.00													
39.67	37.00	43.50	39.7	3.2(4.7)	1.5(4.0)	6.0(6.0)	36.67	17.00	53.00	3	WWH	Low	Mod.-High
[OH72 19] - OWL CREEK Upper RM: 3.20 / Lower RM: 0.00													
32.25	30.50	34.00	32.3	3.8(6.0)	3.8(6.0)	3.8(6.0)	9.60	9.30	9.90	2	WWH	Very Low	Mod.
[OH72 21] - BEAVER CREEK Upper RM: 23.00 / Lower RM: 0.00													
64.50	64.50	64.50	64.5	5.8(8.0)	5.8(8.0)	5.8(8.0)	43.00	43.00	43.00	1	WWH	High	Low
[OH72 23] - TIFFIN RIVER (MILL/BEAN CR. TO LEATHERWOOD CR.) Upper RM: 50.82 / Lower RM: 36.34													
49.50	49.50	49.50	46.7	1.6(6.0)	1.6(6.0)	1.6(6.0)	338.00	338.00	338.00	1	WWH	Low - Moderate	Low-Mod.
[OH72 29] - MILL CREEK Upper RM: 15.50 / Lower RM: 0.00													
60.50	58.50	62.50	60.5	4.2(6.0)	3.5(6.0)	5.0(6.0)	36.10	32.70	39.50	2	WWH	High	Low-Mod.
[OH72 31] - BEAN CREEK Upper RM: 9.80 / Lower RM: 0.00													
50.00	50.00	50.00	50.0	1.2(6.0)	1.2(6.0)	1.2(6.0)	246.00	246.00	246.00	1	WWH	Low - Moderate	Low
[OH72 37] - OLD BEAN CREEK Upper RM: 8.40 / Lower RM: 0.00													
29.50	29.50	29.50	29.5	1.6(4.0)	1.6(4.0)	1.6(4.0)	25.40	25.40	25.40	1	MWH-C	Essentially None	High
UPPER MIDDLE MAUMEE RIVER - [Watershed QHEI: 45.1, N = 21]													
[OH73 1] - BAD CREEK (UNNAMED TRIB. S. OF DELTA TO MAUMEE R.) Upper RM: 14.43 / Lower RM: 0.00													
36.75	28.50	46.00	42.3	7.7(9.5)	5.3(8.0)	10.0(10)	46.25	46.00	47.00	4	WWH	Low	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH73 2] - BAD CREEK (HEADWATERS TO UNNAMED TRIB. S OF DELTA) Upper RM: 30.70 / Lower RM: 14.43													
53.25	52.50	54.00	42.3	5.9(8.0)	5.7(6.0)	6.2(10)	40.50	40.00	41.00	2	WWH	Moderate-High	Mod.
[OH73 16.3] - TRIB. TO NORTH TURKEYFOOT CR. (RM 18.4) Upper RM: 2.15 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH73 17] - KONZEN DITCH Upper RM: 11.60 / Lower RM: 0.00													
40.00	40.00	40.00	40.0	3.4(6.0)	3.4(6.0)	3.4(6.0)	24.00	24.00	24.00	1	MWH-C	Essentially None	High
[OH73 18] - MAUMEE RIVER (VAN HYNING CR. TO N. TURKEYFOOT CR.) Upper RM: 45.59 / Lower RM: 37.92													
57.50	57.50	57.50	55.0	0.5(8.0)	0.5(8.0)	0.5(8.0)	5697.00	999.00	5697.00	1	WWH	Low - Moderate	Low-Mod.
[OH73 21] - MAUMEE RIVER (WADE CREEK TO VAN HYNING CREEK) Upper RM: 52.18 / Lower RM: 45.59													
58.67	52.00	62.00	55.0	0.5(8.0)	0.5(8.0)	0.5(8.0)	5605.67	999.00	5655.00	3	WWH	Low - Moderate	High
[OH73 26] - MAUMEE RIVER (AUGLAIZE RIVER TO WADE CREEK) Upper RM: 64.04 / Lower RM: 52.18													
58.88	52.50	64.50	55.0	0.6(8.0)	0.1(6.0)	1.0(10)	5550.50	999.00	5562.00	4	WWH	Low - Moderate	High
[OH73 26.10] - MIAMI-ERIE CANAL Upper RM: 6.60 / Lower RM: 0.00													
30.67	23.50	46.50	36.1	1.8(4.3)	0.1(4.0)	3.1(6.0)	4104.60	7.10	****. **	6	MWH-C	Essentially None	High
LOWER MIDDLE MAUMEE RIVER - [Watershed QHEI: 45.2, N = 28]													
[OH74 3] - MAUMEE RIVER (BEAVER CREEK TO TONTOGANY CREEK) Upper RM: 31.22 / Lower RM: 24.06													
78.50	78.50	78.50	55.0	6.9(10)	6.9(10)	6.9(10)	6258.00	999.00	6258.00	1	WWH	Very High Quality	Low-Mod.
[OH74 9] - HICKEY DITCH Upper RM: 1.78 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH74 10] - SELHORST DITCH Upper RM: 0.93 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH74 11] - YELLOW CREEK Upper RM: 17.40 / Lower RM: 0.00													
28.50	27.00	29.50	28.5	4.6(6.7)	2.3(4.0)	6.2(10)	39.00	33.00	50.00	3	MWH-C	Essentially None	High
[OH74 13] - LITTLE YELLOW CREEK Upper RM: 6.42 / Lower RM: 0.00													
21.00	19.00	22.00	21.0	5.2(4.7)	4.4(4.0)	6.3(6.0)	3.83	1.50	7.00	3	LRW	Essentially None	High
[OH74 16] - WEST BEAVER CREEK Upper RM: 9.90 / Lower RM: 0.00													
62.50	48.00	77.00		1.6(8.0)	0.1(6.0)	3.1(10)	6054.50	999.00	6058.00	2	WWH	Moderate - High	
62.50	48.00	77.00	55.0	1.6(8.0)	0.1(6.0)	3.1(10)	6054.50	999.00	6058.00	2	WWH	Moderate - High	Mod.
[OH74 17] - MAUMEE RIVER (SWAN CREEK TO LAKE ERIE) Upper RM: 5.22 / Lower RM: 0.00													
48.08	26.50	59.00	55.0	0.1(6.0)	0.1(6.0)	0.1(6.0)	6605.47	999.00	6608.00	19	WWH	Low - Moderate	High
LOWER MAUMEE RIVER (AND OTTAWA RIVER) - [Watershed QHEI: 43.4, N = 105]													

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH75 1] - MAUMEE RIVER (WATERVILLE TO SWAN CREEK) Upper RM: 20.68 / Lower RM: 5.22													
58.11	45.00	78.00	55.0	0.6(6.6)	0.1(6.0)	4.2(10)	6370.50	999.00	6396.00	14	WWH	Moderate-High	High
[OH75 2] - DUCK CREEK Upper RM: 3.56 / Lower RM: 0.00													
16.13	13.00	20.00	16.1	0.7(2.0)	0.7(2.0)	0.7(2.0)	0.88	0.50	1.40	4	WWH	Essentially None	Mod.-High
[OH75 3] - SWAN CREEK (BLUE CREEK TO MAUMEE RIVER) Upper RM: 22.17 / Lower RM: 0.00													
46.13	24.00	63.00	46.1	1.5(6.2)	0.1(4.0)	2.7(8.0)	177.58	140.00	204.00	12	WWH	Low - Moderate	High
[OH75 3.1] - HEILMAN DITCH Upper RM: 3.81 / Lower RM: 0.00													
41.50	41.50	41.50	41.5	13.2(8.0)	13.2(8.0)	13.2(8.0)	4.50	4.50	4.50	1	NONE	Low	Low
[OH75 4] - WOLF CREEK Upper RM: 7.00 / Lower RM: 0.00													
51.83	38.00	68.00	51.8	6.0(8.7)	4.7(6.0)	6.8(10)	19.87	13.40	23.10	3	WWH	Low - Moderate	Mod.-High
[OH75 4.1] - DRENNAN DITCH Upper RM: 3.66 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH75 5] - CAIRL CREEK (FORMERLY DRY CREEK) Upper RM: 7.40 / Lower RM: 0.00													
51.00	51.00	51.00	51.0	8.1(10)	8.1(10)	8.1(10)	10.10	10.10	10.10	1	WWH	Moderate	Low
[OH75 6] - BLUE CREEK Upper RM: 11.90 / Lower RM: 0.00													
40.50	21.50	54.00	40.5	4.2(6.0)	3.0(6.0)	4.8(6.0)	42.33	41.00	43.00	3	WWH	Low	Mod.-High
[OH75 13] - DELAWARE CREEK Upper RM: 2.50 / Lower RM: 0.00													
39.50	39.50	39.50	39.5	27.8(10)	27.8(10)	27.8(10)	2.10	2.10	2.10	1	WWH	Low	Low
[OH75 14] - GRASSY CREEK Upper RM: 5.00 / Lower RM: 0.00													
59.92	47.00	69.50	59.6	5.6(7.3)	1.9(4.0)	9.6(10)	24.62	22.70	26.40	6	WWH	Moderate-High	High
[OH75 15] - LAKE ERIE DIRECT TRIBS. (OTTAWA R. TO MAUMEE R.) Upper RM:1305.28 / Lower RM:1301.00													
53.75	43.50	63.00	54.8	0.1(6.0)	0.1(6.0)	0.1(6.0)	****.**	999.00	****.**	4	LERIE	Low - Moderate	High
[OH75 16] - OTTAWA RIVER Upper RM: 19.75 / Lower RM: 0.00													
39.44	25.00	65.50	39.4	1.0(5.1)	0.1(4.0)	3.9(8.0)	143.28	121.00	171.00	18	WWH	Very Low	High
[OH75 16.1] - FLIEG DITCH Upper RM: 3.75 / Lower RM: 0.00													
17.00	17.00	17.00		3.0(4.0)	3.0(4.0)	3.0(4.0)	2.80	2.80	2.80	1	LRW	Essentially None	High
[OH75 16.2] - HELDMAN DITCH Upper RM: 5.50 / Lower RM: 0.00													
42.00	39.50	44.50	38.0	12.4(10)	6.3(10)	18.5(10)	12.50	6.00	19.00	2	NONE	Low	Mod.-High
[OH75 16.3] - HAEFNER DITCH Upper RM: 4.40 / Lower RM: 0.00													
26.50	23.00	30.00	26.5	12.0(8.0)	6.1(6.0)	17.9(10)	1.90	1.50	2.30	2	NONE	Essentially None	Mod.
[OH75 16.4] - HILL DITCH Upper RM: 5.80 / Lower RM: 0.00													
32.67	30.00	35.00	32.7	13.0(8.0)	10.6(8.0)	14.7(8.0)	3.63	2.10	5.30	3	NONE	Low	Mod.-High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH75 17] - SIBLEY CREEK Upper RM: 5.20 / Lower RM: 0.00													
31.00	31.00	31.00	31.0	16.7(10)	16.7(10)	16.7(10)	2.50	2.50	2.50	1	WWH	Low	Low
[OH75 18] - TENMILE CREEK Upper RM: 25.47 / Lower RM: 0.00													
56.77	35.00	68.50	56.8	4.8(6.5)	3.0(6.0)	14.3(8.0)	64.64	31.00	78.00	11	WWH	Moderate-High	High
[OH75 18.1] - TRIB. TO TENMILE CREEK (RM 16.9) Upper RM: 8.08 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH75 19] - NORTH BRANCH TENMILE CREEK Upper RM: 6.50 / Lower RM: 0.00													
57.00	47.00	67.00	57.0	14.7(10)	14.7(10)	14.7(10)	33.80	33.80	33.80	2	WWH	Moderate-High	Low-Mod.
[OH75 25] - SHANTEE CREEK Upper RM: 6.00 / Lower RM: 0.00													
25.79	20.50	38.00	25.3	4.8(5.1)	4.1(4.0)	5.3(6.0)	5.54	4.10	6.30	7	WWH	Essentially None	High
[OH75 25.1] - TIFFT DITCH Upper RM: 2.05 / Lower RM: 0.00													
21.00	21.00	21.00	21.0	6.3(6.0)	6.3(6.0)	6.3(6.0)	1.00	1.00	1.00	1	NONE	Essentially None	Low
[OH75 26] - SILVER CREEK Upper RM: 6.90 / Lower RM: 0.00													
27.21	18.00	36.00	27.2	6.8(6.0)	1.6(4.0)	12.5(8.0)	6.14	4.30	7.50	7	WWH	Essentially None	High
[OH75 26.1] - KETCHAM DITCH Upper RM: 1.43 / Lower RM: 0.00													
21.00	21.00	21.00	21.0	13.9(8.0)	13.9(8.0)	13.9(8.0)	1.00	1.00	1.00	1	NONE	Essentially None	Low
LAKE ERIE TRIBS MAUMEE R. TO PORTAGE R. - [Watershed QHEI: 31.9, N = 65]													
[OH76 3] - PACKER CREEK Upper RM: 24.40 / Lower RM: 0.00													
30.00	11.50	44.50	30.0	2.6(4.8)	0.8(2.0)	3.5(6.0)	27.80	22.90	31.30	5	WWH	Essentially None	High
[OH76 4] - TOUSSAINT CREEK (TRIB. E. OF GENOA TO TOUSSAINT R) Upper RM: 17.85 / Lower RM: 0.00													
34.00	34.00	34.00	42.0	3.3(6.0)	3.3(6.0)	3.3(6.0)	68.00	68.00	68.00	1	WWH	Low	Low-Mod.
[OH76 5] - TOUSSAINT CREEK (HEADWATERS TO TRIB. E. OF GENOA) Upper RM: 38.32 / Lower RM: 17.85													
44.00	35.00	56.00	42.0	5.0(7.0)	2.4(4.0)	5.8(8.0)	60.25	60.00	61.00	4	WWH	Low	Mod.-High
[OH76 7] - TURTLE CREEK Upper RM: 9.50 / Lower RM: 0.00													
15.50	15.50	15.50	15.5	0.8(2.0)	0.8(2.0)	0.8(2.0)	20.20	20.20	20.20	1	WWH	Essentially None	Low
[OH76 8] - NORTH BRANCH TURTLE CREEK Upper RM: 6.00 / Lower RM: 0.00													
18.50	18.50	18.50	18.5	5.4(6.0)	5.4(6.0)	5.4(6.0)	6.00	6.00	6.00	1	WWH	Essentially None	Low
[OH76 9] - SOUTH BRANCH TURTLE CREEK Upper RM: 6.40 / Lower RM: 0.00													
16.00	16.00	16.00	16.0	2.0(4.0)	2.0(4.0)	2.0(4.0)	13.40	13.40	13.40	1	WWH	Essentially None	Low
[OH76 11] - CRANE CREEK Upper RM: 28.07 / Lower RM: 0.00													
41.50	34.00	49.00	41.5	3.6(6.0)	3.2(6.0)	4.0(6.0)	33.50	28.00	39.00	2	WWH	Low	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH76 13] - LITTLE CRANE CREEK Upper RM: 3.50 / Lower RM: 0.00													
17.50	17.50	17.50	17.5	5.2(6.0)	5.2(6.0)	5.2(6.0)	1.90	1.90	1.90	1	WWH	Essentially None	Low
[OH76 14] - HENRY CREEK Upper RM: 9.00 / Lower RM: 0.00													
25.31	15.00	38.50	25.3	3.9(4.3)	2.4(4.0)	5.1(6.0)	5.81	3.30	7.80	8	WWH	Essentially None	High
[OH76 18] - CEDAR CREEK Upper RM: 23.95 / Lower RM: 0.00													
27.80	18.00	44.50	27.8	3.2(4.8)	1.7(4.0)	5.7(6.0)	22.34	13.00	46.00	5	WWH	Essentially None	High
[OH76 19] - DRY CREEK Upper RM: 11.50 / Lower RM: 0.00													
32.86	20.50	46.00	32.9	3.2(4.3)	2.4(4.0)	5.3(6.0)	7.39	5.00	9.80	7	WWH	Very Low	High
[OH76 21] - LAKE ERIE DIRECT TRIBS. (CEDAR CREEK TO MAUMEE R.) Upper RM:1301.00 / Lower RM:1285.70													
55.44	44.50	66.50	54.8	13.2(5.8)	0.1(4.0)	117.7(6.0 ****. **	0.30	****. **		9	LERIE	Moderate-High	High
[OH76 21.1] - DRIFTMEYER DITCH Upper RM: 2.43 / Lower RM: 0.00													
19.50	19.50	19.50	19.5	2.8(4.0)	2.8(4.0)	2.8(4.0)	4.50	4.50	4.50	1	NONE	Essentially None	Low
[OH76 21.11] - AMLOSCH DITCH Upper RM: 4.40 / Lower RM: 0.00													
17.50	15.50	19.50	17.5	6.5(5.0)	2.9(4.0)	10.0(6.0)	3.20	2.80	3.60	2	NONE	Essentially None	Mod.
[OH76 23] - WOLF CREEK Upper RM: 8.25 / Lower RM: 0.00													
15.50	15.50	15.50	15.5	0.9(2.0)	0.9(2.0)	0.9(2.0)	7.00	7.00	7.00	1	WWH	Essentially None	Low
[OH76 24] - OTTER CREEK Upper RM: 10.23 / Lower RM: 0.00													
26.53	14.00	37.50	26.5	3.8(4.0)	0.1(2.0)	9.1(6.0)	4.17	0.60	7.20	16	LRW; MWH-C	Essentially None	High
UPPER PORTAGE RIVER - [Watershed QHEI: 42.4, N = 55]													
[OH77 3] - BULL CREEK Upper RM: 14.30 / Lower RM: 0.00													
24.00	23.00	24.50	24.0	3.5(4.7)	2.8(4.0)	4.8(6.0)	21.00	16.00	31.00	3	WWH	Essentially None	Mod.-High
[OH77 4] - ROCKY FORD Upper RM: 22.90 / Lower RM: 0.00													
53.05	35.50	76.50	53.0	5.1(6.7)	2.8(6.0)	11.1(10)	50.91	32.00	64.00	11	WWH	Moderate-High	High
[OH77 4.1] - KOA TRIB. Upper RM: 1.40 / Lower RM: 0.00													
26.25	24.50	28.00	26.3	7.5(6.0)	7.5(6.0)	7.5(6.0)	0.80	0.80	0.80	2	NONE	Essentially None	Mod.
[OH77 4.3] - TRIB. TO ROCKY FORD CREEK (FENBURG #2) Upper RM: 9.43 / Lower RM: 0.00													
26.00	26.00	26.00	26.0	3.9(6.0)	3.9(6.0)	3.9(6.0)	17.10	17.10	17.10	1	LRW	Essentially None	High
[OH77 4.31] - TRIB. TO FENBURG TRIB. #2 (FENBURG #1) Upper RM: 8.80 / Lower RM: 0.00													
21.50	20.50	22.50	21.5	8.8(6.7)	7.8(6.0)	10.6(8.0)	3.37	0.70	6.10	3	LRW	Essentially None	High
[OH77 5] - MIDDLE BR. PORTAGE R.(HEADWATERS TO ROCKY FORD) Upper RM: 19.60 / Lower RM: 0.00													
33.56	14.00	56.00	33.6	1.1(4.0)	1.1(4.0)	1.1(4.0)	73.75	72.70	74.80	8	WWH	Very Low	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max				
[OH77 5.1] - RADER CREEK Upper RM: 14.31 / Lower RM: 0.00													
37.25	37.00	37.50	37.3	6.5(6.0)	6.5(6.0)	6.5(6.0)	4.65	3.00	6.30	2	NONE	Low	Mod.
[OH77 6] - NEEDLES CREEK Upper RM: 10.70 / Lower RM: 0.00													
25.00	25.00	25.00	25.0	2.2(4.0)	2.2(4.0)	2.2(4.0)	32.20	32.20	32.20	1	WWH	Essentially None	Low
[OH77 8] - EAST BRANCH PORTAGE RIVER Upper RM: 24.37 / Lower RM: 0.00													
50.14	24.00	76.50	50.1	6.2(8.4)	1.8(4.0)	10.0(10)	19.42	10.40	35.50	14	WWH	Moderate	High
[OH77 9] - SOUTH BRANCH (HEADWATERS TO E. BR. PORTAGE R.) Upper RM: 19.60 / Lower RM: 7.87													
54.00	51.50	56.50	54.0	4.0(6.0)	4.0(6.0)	4.0(6.0)	54.20	54.20	54.20	2	WWH	Moderate-High	Low-Mod.
[OH77 10] - NORTH BRANCH PORTAGE RIVER Upper RM: 25.80 / Lower RM: 0.00													
44.50	29.00	59.50	44.5	1.8(4.3)	1.4(4.0)	4.0(6.0)	36.50	26.00	60.00	8	WWH	Very Low	High
[OH77 10.1] - POE DITCH Upper RM: 4.03 / Lower RM: 0.00													
											LRW	Essentially None	High
LOWER PORTAGE RIVER - [Watershed QHEI: 57.6, N = 29]													
[OH78 3] - PORTAGE RIVER (SUGAR CREEK TO LAKE ERIE) Upper RM: 17.50 / Lower RM: 0.00													
58.58	49.00	71.00	60.3	0.3(4.0)	0.1(4.0)	0.9(4.0)	517.85	494.00	581.00	13	WWH	Moderate-High	High
[OH78 6] - LACARPE CREEK Upper RM: 12.50 / Lower RM: 0.00													
											LRW; WWH	Unknown	High
[OH78 8] - SUGAR CREEK Upper RM: 17.80 / Lower RM: 0.00													
54.00	44.50	63.50	58.7	6.3(9.0)	5.1(8.0)	7.6(10)	50.00	44.00	56.00	2	WWH	Moderate-High	Mod.
[OH78 9] - PORTAGE RIVER (MIDDLE BRANCH TO SUGAR CREEK) Upper RM: 40.83 / Lower RM: 17.50													
62.21	43.50	84.00	60.3	2.9(7.0)	0.9(4.0)	5.6(10)	413.25	353.00	435.00	12	WWH	High	High
[OH78 10.1] - LACARPE CREEK Upper RM: 5.40 / Lower RM: 0.00													
27.75	26.00	29.50	27.8	0.7(3.0)	0.1(2.0)	1.2(4.0)	5.85	4.90	6.80	2	LRW; WWH	Essentially None	High
TYMOCHTEE CREEK - [Watershed QHEI: 49.2, N = 13]													
[OH79 9] - TYMOCHTEE CREEK (WARPOLE CR. TO L. TYMOCHTEE CR.) Upper RM: 26.74 / Lower RM: 5.36													
65.50	65.00	66.00	62.0	3.3(8.0)	1.5(6.0)	5.1(10)	230.50	229.00	232.00	2	WWH	High	Mod.
[OH79 16] - TYMOCHTEE CREEK (L. TYMOCHTEE CR. TO WARPOLE CR.) Upper RM: 42.30 / Lower RM: 26.74													
69.50	69.50	69.50	62.0	2.7(8.0)	2.7(8.0)	2.7(8.0)	136.00	136.00	136.00	1	WWH	High	Low-Mod.
[OH79 22] - TYMOCHTEE CREEK (HEADWATERS TO L. TYMOCHTEE CR.) Upper RM: 54.80 / Lower RM: 42.30													
57.17	48.50	71.50	62.0	4.6(6.0)	3.0(6.0)	6.3(6.0)	35.13	6.10	64.10	3	WWH	Moderate-High	High
[OH79 23] - PAWPAW RUN Upper RM: 7.40 / Lower RM: 0.00													
55.75	42.50	69.00	55.8	7.9(10)	7.3(10)	8.5(10)	16.20	15.00	17.40	2	WWH	Moderate	Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH79 24] - CARROLL DITCH Upper RM: 3.60 / Lower RM: 0.00													
25.50	25.50	25.50	25.5	2.7(4.0)	2.7(4.0)	2.7(4.0)	7.20	7.20	7.20	1	WWH	Essentially None	Low
[OH79 25] - ENOCH CREEK Upper RM: 2.90 / Lower RM: 0.00													
47.00	47.00	47.00	47.0	11.1(8.0)	11.1(8.0)	11.1(8.0)	7.70	7.70	7.70	1	WWH	Moderate	Low
[OH79 26] - PRAIRIE RUN Upper RM: 7.10 / Lower RM: 0.00													
28.00	19.00	37.00	28.0	4.8(5.0)	2.7(4.0)	6.9(6.0)	5.15	2.40	7.90	2	WWH	Essentially None	Mod.
[OH79 27] - THOMPSON DITCH Upper RM: 4.20 / Lower RM: 0.00													
27.00	27.00	27.00	27.0	4.1(4.0)	4.1(4.0)	4.1(4.0)	2.20	2.20	2.20	1	WWH	Essentially None	Low
UPPER SANDUSKY RIVER - [Watershed QHEI: 55.6, N = 51]													
[OH80 1] - SANDUSKY RIVER (ROCK RUN TO TYMOCHTEE CREEK) Upper RM: 77.40 / Lower RM: 65.73													
63.00	56.50	72.00	61.9	4.1(9.0)	2.4(8.0)	5.7(10)	346.50	341.00	352.00	4	WWH	High	High
[OH80 4] - NEGRO RUN Upper RM: 4.10 / Lower RM: 0.00													
74.00	74.00	74.00	74.0	12.7(10)	12.7(10)	12.7(10)	13.30	13.30	13.30	1	WWH	High	Low
[OH80 9] - SANDUSKY RIVER (BROKEN SWORD CREEK TO ROCK RUN) Upper RM: 94.48 / Lower RM: 77.40													
62.75	45.00	78.00	61.9	3.0(8.3)	2.2(8.0)	7.1(10)	281.38	236.00	298.00	8	WWH	High	High
[OH80 10] - ROCK RUN Upper RM: 7.00 / Lower RM: 0.00													
68.50	68.50	68.50	68.5	19.2(8.0)	19.2(8.0)	19.2(8.0)	10.50	10.50	10.50	1	WWH	High	Low
[OH80 11] - LITTLE SANDUSKY RIVER Upper RM: 12.50 / Lower RM: 0.00													
42.00	23.50	60.50	42.0	3.4(5.0)	3.1(4.0)	3.8(6.0)	15.75	5.30	26.20	2	WWH	Very Low	Mod.
[OH80 11.1] - TRIB. TO LITTLE SANDUSKY R. (RM 8.93) Upper RM: 4.63 / Lower RM: 0.00													
18.00	18.00	18.00	18.0	2.8(4.0)	2.8(4.0)	2.8(4.0)	6.40	6.40	6.40	1	MWH-C	Essentially None	High
[OH80 13] - BROKEN SWORD CREEK Upper RM: 32.00 / Lower RM: 0.00													
70.67	64.50	80.50	70.7	5.2(8.0)	5.0(8.0)	5.6(8.0)	85.67	82.00	93.00	3	WWH	High	Mod.-High
[OH80 17] - SANDUSKY RIVER (UNNAMED TRIB. TO BROKEN SWORD CR.) Upper RM: 116.32 / Lower RM: 94.48													
67.79	51.50	81.50	61.9	5.1(7.3)	2.2(4.0)	7.1(10)	90.83	80.00	109.00	12	WWH	High	High
[OH80 22] - PARAMOUR CREEK Upper RM: 9.60 / Lower RM: 0.00													
40.56	30.50	72.50	40.6	9.0(5.3)	0.1(2.0)	45.5(6.0)	16.50	4.50	27.00	8	WWH	Low	High
[OH80 22.1] - PPG TRIB. TO PARAMOUR CREEK Upper RM: 5.30 / Lower RM: 0.00													
39.38	25.50	49.00	39.4	20.3(9.5)	13.3(8.0)	26.3(10)	2.00	1.00	4.00	4	WWH	Low	Mod.-High
[OH80 23] - CRESTLINE WWTP TRIBUTARY Upper RM: 6.16 / Lower RM: 0.00													
54.67	51.50	57.00	54.7	9.7(6.7)	9.3(6.0)	10.6(8.0)	6.33	5.00	7.00	3	WWH	Moderate	Mod.-High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH80 24] - CRESTLINE TRIBUTARY Upper RM: 5.73 / Lower RM: 0.00													
41.88	26.00	56.00	41.9	11.2(8.0)	10.8(8.0)	11.5(8.0)	2.25	1.50	3.50	4	WWH	Low	Mod.-High
MIDDLE SANDUSKY RIVER - [Watershed QHEI: 62.8, N = 22]													
[OH81 1] - SANDUSKY RIVER (BELLS RUN TO WOLF CREEK) Upper RM: 42.98 / Lower RM: 22.73													
64.40	54.00	80.00	61.9	5.7(8.4)	0.5(8.0)	12.5(10)	1032.10	964.00	1073.00	10	WWH	High	High
[OH81 2] - SUGAR CREEK Upper RM: 10.40 / Lower RM: 0.00													
94.50	94.50	94.50	94.5	20.4(8.0)	20.4(8.0)	20.4(8.0)	11.70	11.70	11.70	1	WWH	Extremely High	Low
[OH81 11] - HONEY CREEK (SILVER CREEK TO SANDUSKY RIVER) Upper RM: 14.52 / Lower RM: 0.00													
72.75	62.00	83.50	61.2	6.3(6.0)	0.1(4.0)	12.5(8.0)	162.50	149.00	176.00	2	WWH	High	Mod.
[OH81 13.1] - WORK DITCH (ATTICA) Upper RM: 1.93 / Lower RM: 0.00													
51.83	32.50	70.50	51.8	12.3(8.0)	3.6(4.0)	16.7(10)	1.17	1.00	1.30	3	NONE	Moderate-High	Mod.-High
[OH81 21] - HONEY CREEK (HEADWATERS TO BROKEN KNIFE CREEK) Upper RM: 41.92 / Lower RM: 32.55													
38.00	38.00	38.00	61.2	4.1(6.0)	4.1(6.0)	4.1(6.0)	26.00	26.00	26.00	1	WWH	MODERATE	Low-Mod.
[OH81 22.1] - KIBLER DITCH (NEW WASHINGTON) Upper RM: 2.66 / Lower RM: 0.00													
23.00	23.00	23.00	23.0	28.6(10)	28.6(10)	28.6(10)	0.80	0.80	0.80	1	NONE	Essentially None	Low
[OH81 23] - SANDUSKY RIVER (SYCAMORE CREEK TO BELLS RUN) Upper RM: 57.71 / Lower RM: 42.90													
70.50	62.00	81.00	61.9	1.1(8.5)	0.1(6.0)	1.7(10)	816.50	761.00	957.00	4	WWH	Moderate - High	High
LOWER SANDUSKY RIVER - [Watershed QHEI: 44.0, N = 27]													
[OH82 1] - SANDUSKY RIVER (WOLF CREEK TO LAKE ERIE) Upper RM: 22.73 / Lower RM: 0.00													
47.80	32.00	80.50	61.9	0.4(6.4)	0.1(6.0)	3.3(10)	1269.00	999.00	1335.00	10	WWH	Moderate-High	High
[OH82 15] - WOLF CREEK Upper RM: 23.90 / Lower RM: 0.00													
42.33	19.00	56.00	42.3	5.3(7.3)	4.2(6.0)	7.4(10)	38.50	35.50	45.00	6	WWH	Low	High
[OH82 18.1] - JOHN SMITH DITCH Upper RM: 8.65 / Lower RM: 0.00													
19.50	19.50	19.50	19.5	14.7(8.0)	14.7(8.0)	14.7(8.0)	1.10	1.10	1.10	1	LRW	Essentially None	High
[OH82 18.11] - MICHAEL GRUSS DITCH Upper RM: 2.93 / Lower RM: 0.00													
18.50	18.50	18.50	18.5	10.4(8.0)	10.4(8.0)	10.4(8.0)	0.20	0.20	0.20	1	LRW	Essentially None	High
[OH82 21] - MUDDY CREEK (GRIES DITCH TO SANDUSKY BAY) Upper RM: 20.06 / Lower RM: 0.00													
32.67	26.00	42.00	48.7	0.1(2.7)	0.1(2.0)	0.1(4.0)	90.67	80.00	111.00	3	WWH	Very Low	Mod.-High
[OH82 21.1] - GRIES DITCH Upper RM: 12.14 / Lower RM: 0.00													
58.75	55.50	62.00	58.8	14.7(10)	14.7(10)	14.7(10)	15.00	15.00	15.00	2	NONE	Moderate	Mod.
[OH82 22] - LITTLE MUDDY CREEK Upper RM: 12.40 / Lower RM: 0.00													
28.25	26.00	30.50	28.3	0.1(2.0)	0.1(2.0)	0.1(2.0)	27.00	26.00	28.00	2	WWH	Essentially None	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max				
[OH82 23] - MUDDY CREEK (HEADWATERS TO GRIES DITCH) Upper RM: 38.00 / Lower RM: 20.06													
72.75	70.50	75.00	48.7	7.1(7.0)	3.5(6.0)	10.6(8.0)	23.50	4.00	43.00	2	WWH	High	Mod.
LAKE ERIE TRIBS SANDUSKY R. TO VERMILION R. - [Watershed QHEI: 46.0, N = 26]													
[OH83 3.3] - CASWELL DITCH Upper RM: 5.70 / Lower RM: 0.00													
30.75	18.00	43.50	30.8	7.3(6.0)	7.3(6.0)	7.3(6.0)	5.00	5.00	5.00	2	WWH	Low	Mod.
[OH83 3.4] - SNYDERS DITCH Upper RM: 5.52 / Lower RM: 0.00													
44.79	36.00	51.00	44.8	10.6(7.4)	7.1(6.0)	13.9(8.0)	3.13	1.80	4.70	7	MWH-C	Essentially None	High
[OH83 11] - RACCOON CREEK Upper RM: 14.90 / Lower RM: 0.00													
48.33	34.50	74.00	48.3	11.9(8.7)	3.5(6.0)	25.0(10)	13.69	7.90	22.20	15	WWH	Moderate	High
[OH83 11.1] - LITTLE RACCOON CREEK Upper RM: 7.29 / Lower RM: 0.00													
47.75	38.50	57.00	47.8	10.4(8.0)	10.4(8.0)	10.4(8.0)	1.90	1.90	1.90	2	WWH	Moderate	Mod.
VERMILION RIVER - [Watershed QHEI: 56.8, N = 16]													
[OH84 1] - HURON RIVER Upper RM: 14.70 / Lower RM: 0.00													
55.54	40.00	90.50	55.5	1.7(4.8)	0.1(4.0)	11.8(10)	384.69	350.00	403.00	13	WWH	Moderate-High	High
[OH84 8] - WEST BRANCH HURON R. (SLATE RUN TO EAST BRANCH) Upper RM: 10.52 / Lower RM: 0.00													
69.00	69.00	69.00	69.0	11.7(9.0)	9.8(8.0)	13.5(10)	234.50	233.00	236.00	2	WWH	High	Low-Mod.
[OH84 14] - SLATE RUN Upper RM: 19.50 / Lower RM: 0.00													
49.00	49.00	49.00	49.0	9.6(10)	9.6(10)	9.6(10)	41.00	41.00	41.00	1	WWH	Moderate-High	Low
HURON RIVER - [Watershed QHEI: 67.2, N = 13]													
[OH85 3] - BEAVER CREEK Upper RM: 12.20 / Lower RM: 0.00													
68.30	61.00	71.50	68.3	16.0(8.8)	7.4(6.0)	33.3(10)	24.66	10.90	43.40	5	WWH	High	High
[OH85 7] - VERMILION RIVER (EAST FORK TO LAKE ERIE) Upper RM: 15.90 / Lower RM: 0.00													
57.58	34.00	80.50	62.6	2.5(6.0)	0.1(4.0)	8.3(10)	263.67	251.00	268.00	6	EWB	Moderate-High	High
[OH85 12] - VERMILION RIVER (SOUTHWEST BRANCH TO EAST BRANCH) Upper RM: 47.70 / Lower RM: 29.60													
92.50	92.50	92.50	62.6	8.9(10)	8.9(10)	8.9(10)	78.00	78.00	78.00	1	WWH	Extremely High	Low-Mod.
[OH85 16] - BUCK CREEK Upper RM: 8.30 / Lower RM: 0.00													
94.00	94.00	94.00	94.0	14.3(10)	14.3(10)	14.3(10)	21.00	21.00	21.00	1	WWH	Extremely High	Low
BLACK RIVER - [Watershed QHEI: 62.9, N = 59]													
[OH86 1] - LAKE ERIE DIRECT TRIBS. (BLACK R. TO GABLE DITCH) Upper RM:1214.00 / Lower RM:1204.00													
57.00	57.00	57.00	57.0	0.1(6.0)	0.1(6.0)	0.1(6.0)	****.**	999.00	****.**	1	LERIE	Low - Moderate	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH86 2] - BLACK RIVER Upper RM: 15.65 / Lower RM: 0.00													
56.14	23.00	87.50	56.1	0.9(4.9)	0.1(4.0)	5.6(10)	447.59	396.00	466.00	22	WWH; WWH-E	Moderate-High	High
[OH86 3] - FRENCH CREEK Upper RM: 15.80 / Lower RM: 0.00													
64.50	58.00	71.00	64.5	3.5(6.0)	0.1(2.0)	6.9(10)	29.25	27.00	31.50	2	WWH; WWH-E	High	Low-Mod.
[OH86 4] - EAST BRANCH (HILL SPAULDING DITCH TO W BR BLACK R) Upper RM: 12.00 / Lower RM: 0.00													
68.07	53.50	90.00	66.3	12.1(8.0)	2.4(6.0)	21.7(10)	198.11	185.00	215.80	7	WWH	High	High
[OH86 4.2] - WILLOW CREEK Upper RM: 8.93 / Lower RM: 0.00													
72.50	72.50	72.50	72.5	11.6(10)	11.6(10)	11.6(10)	12.00	12.00	12.00	1	NONE	High	Low
[OH86 5] - EAST BRANCH (CROW CR. TO HILL SPAULDING DITCH) Upper RM: 24.39 / Lower RM: 12.00													
73.00	73.00	73.00	66.3	3.0(8.0)	3.0(8.0)	3.0(8.0)	166.00	166.00	166.00	1	WWH	High	Low-Mod.
[OH86 7] - EAST BRANCH BLACK R. (W. FK. E. BR. TO CROW CR.) Upper RM: 45.07 / Lower RM: 24.39													
61.63	54.50	75.00	66.3	2.5(6.0)	1.6(6.0)	3.3(6.0)	99.50	66.00	131.00	4	WWH	High	High
[OH86 10] - EAST FORK EAST BRANCH BLACK RIVER Upper RM: 9.30 / Lower RM: 0.00													
69.00	65.00	71.50	69.0	27.5(6.7)	21.9(6.0)	30.3(8.0)	16.43	16.00	17.30	3	WWH	High	Mod.-High
[OH86 11] - WEST FORK EAST BRANCH BLACK RIVER Upper RM: 17.20 / Lower RM: 0.00													
75.00	75.00	75.00	75.0	18.5(8.0)	18.5(8.0)	18.5(8.0)	25.00	25.00	25.00	1	WWH	Very High Quality	Low
[OH86 13] - WEST BRANCH BLACK R. (ELK CR. TO E. BR. BLACK R.) Upper RM: 14.59 / Lower RM: 0.00													
63.67	51.50	70.00	63.8	4.2(8.0)	1.9(6.0)	7.1(10)	158.67	131.00	174.00	3	WWH	High	High
[OH86 14] - PLUM CREEK Upper RM: 9.72 / Lower RM: 0.00													
71.00	57.00	87.50	71.0	13.1(10)	9.4(10)	17.2(10)	8.30	3.00	10.70	4	WWH	High	Mod.-High
[OH86 16] - WELLINGTON CREEK Upper RM: 17.60 / Lower RM: 0.00													
62.00	55.00	69.00	62.0	7.8(10)	7.4(10)	8.3(10)	14.05	12.90	15.20	2	WWH	High	Mod.
[OH86 17] - WEST BRANCH BLACK R. (CHARLEMONT CR. TO ELK CR.) Upper RM: 26.65 / Lower RM: 14.59													
56.75	49.50	64.00	63.8	3.3(6.0)	2.9(6.0)	3.6(6.0)	73.00	67.00	79.00	2	WWH	Moderate-High	Mod.
[OH86 18] - CHARLEMONT CREEK Upper RM: 11.50 / Lower RM: 0.00													
72.67	70.50	74.50	72.7	11.3(10)	8.9(10)	16.1(10)	23.37	21.90	25.10	3	WWH	High	Mod.-High
[OH86 19] - WEST BRANCH BLACK R. (HEADWATERS TO CHARLEMONT CR) Upper RM: 53.25 / Lower RM: 26.65													
71.00	58.00	84.00	63.8	11.6(10)	8.5(10)	14.7(10)	23.25	15.50	31.00	2	WWH	High	Mod.
[OH86 20] - BUCK CREEK Upper RM: 7.50 / Lower RM: 0.00													
67.50	67.50	67.50	67.5	13.7(8.0)	13.7(8.0)	13.7(8.0)	5.50	5.50	5.50	1	WWH	High	Low

ROCKY RIVER - [Watershed QHEI: 65.2, N = 93]

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH87 2] - ROCKY RIVER Upper RM: 12.07 / Lower RM: 0.00													
66.89	34.00	80.50	66.9	6.6(9.1)	0.1(4.0)	8.9(10)	279.50	267.00	293.00	14	WWH; WWH-E	High	High
[OH87 3] - ABRAM CREEK Upper RM: 7.40 / Lower RM: 0.00													
57.67	43.00	73.00	57.7	37.3(7.0)	6.9(4.0)	111.1(7)	7.42	1.80	9.90	6	WWH	Moderate-High	High
[OH87 4] - EAST BRANCH ROCKY RIVER (HEALEY CREEK TO ROCKY R.) Upper RM: 17.00 / Lower RM: 0.00													
64.80	56.00	83.50	67.7	14.5(6.7)	4.3(4.0)	43.5(10)	67.95	57.00	76.00	15	WWH	High	High
[OH87 5] - BALDWIN CREEK Upper RM: 9.20 / Lower RM: 0.00													
62.25	42.50	80.50	62.3	10.7(8.6)	6.3(6.0)	35.7(10)	8.50	0.60	11.80	10	WWH	High	High
[OH87 7] - NORTH ROYALTON "A" TRIB. Upper RM: 3.30 / Lower RM: 0.00													
62.63	44.50	71.00	62.6	28.8(9.0)	26.3(8.0)	31.3(10)	2.45	2.40	2.50	4	WWH	High	Mod.-High
[OH87 8] - EAST BRANCH ROCKY RIVER (HEADWATERS TO HEALEY CR.) Upper RM: 34.50 / Lower RM: 17.00													
73.86	67.00	83.00	67.7	11.4(8.6)	5.7(8.0)	19.2(10)	31.71	12.00	50.00	7	WWH	High	High
[OH87 9] - HEALEY CREEK Upper RM: 5.75 / Lower RM: 0.00													
59.50	59.50	59.50	59.5	35.7(8.0)	35.7(8.0)	35.7(8.0)	4.50	4.50	4.50	1	WWH	Moderate-High	Low
[OH87 10] - WEST BRANCH ROCKY RIVER (PLUM CR. TO EAST BRANCH) Upper RM: 3.10 / Lower RM: 0.00													
63.25	55.00	76.50	66.0	14.2(7.0)	11.6(6.0)	16.7(8.0)	185.00	182.00	188.00	4	WWH	High	High
[OH87 11] - PLUM CREEK Upper RM: 14.80 / Lower RM: 0.00													
49.33	42.50	55.50	49.3	16.7(7.3)	9.3(6.0)	20.4(8.0)	14.77	7.30	18.50	3	WWH	Moderate	Mod.-High
[OH87 12] - WEST BRANCH ROCKY RIVER (COSSETT CR. TO PLUM CR.) Upper RM: 19.60 / Lower RM: 3.10													
66.68	55.50	81.00	66.0	7.6(8.9)	0.1(4.0)	14.5(10)	154.27	133.00	180.00	11	WWH	High	High
[OH87 13] - STRONGSVILLE "A" TRIB. Upper RM: 4.88 / Lower RM: 0.00													
65.33	59.50	73.00	65.3	12.1(8.0)	10.6(8.0)	13.2(8.0)	2.20	1.30	2.70	3	WWH	High	Mod.-High
[OH87 14] - BAKER CREEK Upper RM: 8.20 / Lower RM: 0.00													
68.00	68.00	68.00	68.0	37.0(8.0)	37.0(8.0)	37.0(8.0)	5.70	5.70	5.70	1	WWH	High	Low
[OH87 15] - WEST BRANCH ROCKY RIVER (NORTH BR. TO COSSETT CR.) Upper RM: 34.00 / Lower RM: 19.59													
66.50	57.00	73.50	66.0	10.5(8.0)	3.5(6.0)	15.4(10)	37.56	8.00	83.00	9	WWH	High	High
[OH87 17] - MALLET CREEK Upper RM: 11.40 / Lower RM: 0.00													
69.00	69.00	69.00	69.0	37.0(6.0)	37.0(6.0)	37.0(6.0)	17.10	17.10	17.10	1	WWH	High	Low
[OH87 19] - NORTH BRANCH ROCKY RIVER Upper RM: 5.79 / Lower RM: 0.00													
74.83	71.00	80.00	74.8	14.2(9.3)	12.1(8.0)	18.5(10)	35.67	35.00	37.00	3	WWH	High	Mod.-High
[OH87 20] - PLUM CREEK Upper RM: 7.10 / Lower RM: 0.00													
66.50	66.50	66.50	66.5	14.7(8.0)	14.7(8.0)	14.7(8.0)	9.00	9.00	9.00	1	WWH	High	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area			N	Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max		Use(s)	Rating ¹	
UPPER CUYAHOGA RIVER - [Watershed QHEI: 63.2, N = 65]													
[OH88 1] - L. CUYAHOGA R. (WINGFOOT LAKE OUT. TO CUYAHOGA R.) Upper RM: 11.00 / Lower RM: 0.00													
65.68	46.50	81.00	65.7	25.3(7.2)	9.2(4.0)	71.4(10)	54.48	25.80	68.00	17	WWH	High	High
[OH88 1.1] - CAMP CREEK Upper RM: 4.48 / Lower RM: 0.00													
64.20	51.00	76.00	64.2	37.9(6.8)	27.0(4.0)	45.5(10)	4.34	3.60	5.20	5	WWH	High	High
[OH88 1.2] - OHIO CANAL Upper RM: 5.84 / Lower RM: 0.00													
45.58	29.00	65.00	45.6	14.4(5.3)	0.1(4.0)	76.9(8.0)	200.00	200.00	200.00	6	MWH-C; LRW; MWH-C	Essentially None	High
[OH88 4.1] - UNION OIL TRIB. Upper RM: 3.05 / Lower RM: 0.00													
57.25	41.00	73.50	57.3	36.4(7.0)	22.7(4.0)	50.0(10)	2.40	1.50	3.30	2	WWH	Moderate-High	Mod.
[OH88 5] - CUYAHOGA RIVER (CONGRESS LAKE OUT. TO L. CUYAHOGA) Upper RM: 56.80 / Lower RM: 42.30													
70.06	42.50	86.00	58.9	30.4(6.0)	0.1(4.0)	125.0(	331.33	293.00	340.00	9	WWH	High	High
[OH88 6] - FISH CREEK Upper RM: 5.40 / Lower RM: 0.00													
56.75	43.00	70.50	56.8	5.5(6.0)	5.3(6.0)	5.7(6.0)	8.30	6.50	10.10	2	MWH-C; WWH	Essentially None	High
[OH88 8] - BREAKNECK CREEK Upper RM: 18.50 / Lower RM: 0.00													
73.50	69.50	77.50	73.5	1.4(4.0)	1.3(4.0)	1.6(4.0)	22.55	5.10	40.00	2	WWH	Moderate - High	Low-Mod.
[OH88 8.2] - FEEDER CANAL (CONGRESS LAKE OUTLET) Upper RM: 10.80 / Lower RM: 0.00													
											MWH-C	Essentially None	High
[OH88 9] - WAHOO DITCH Upper RM: 2.15 / Lower RM: 0.00													
37.00	36.00	38.00	37.0	9.6(7.0)	7.9(6.0)	11.4(8.0)	1.85	1.00	2.70	2	MWH-C	Essentially None	High
[OH88 9.1] - HOMMON AVE. DITCH (RAVENNA WWTP) Upper RM: 1.60 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH88 11] - CUYAHOGA RIVER (BLACK BROOK TO CONGRESS LAKE OUT.) Upper RM: 76.64 / Lower RM: 56.82													
77.58	66.00	85.00	58.9	3.6(8.0)	1.6(6.0)	5.6(10)	167.83	151.00	177.00	6	WWH	Very High Quality	High
[OH88 13] - CUYAHOGA RIVER (HEADWATERS TO BLACK BROOK) Upper RM: 101.10 / Lower RM: 76.64													
55.80	47.00	67.00	58.9	0.8(2.8)	0.8(2.0)	0.8(4.0)	76.40	20.40	123.00	5	WWH	Low - Moderate	High
[OH88 16] - WEST BRANCH CUYAHOGA RIVER Upper RM: 14.60 / Lower RM: 0.00													
66.00	51.00	76.50	66.0	3.6(5.7)	3.1(4.0)	4.3(6.0)	16.87	7.00	25.40	6	WWH	Moderate - High	High
[OH88 17] - BUTTERNUT CREEK Upper RM: 4.60 / Lower RM: 0.00													
67.25	67.00	67.50	67.3	15.7(9.0)	11.5(8.0)	20.0(10)	3.80	3.50	4.10	2	WWH	High	Mod.
[OH88 19] - TARE CREEK Upper RM: 8.00 / Lower RM: 0.00													
39.50	39.50	39.50	39.5	5.8(6.0)	5.8(6.0)	5.8(6.0)	4.10	4.10	4.10	1	WWH	Very Low	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide		Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max	Mean QHEI		Mean	Min	Max	Mean	Min	Max				
LOWER CUYAHOGA RIVER - [Watershed QHEI: 55.9, N = 111]														
[OH89 1] - CUYAHOGA RIVER (BIG CREEK TO LAKE ERIE) Upper RM: 7.20 / Lower RM: 0.00														
37.28	20.00	73.50	58.9	0.4(6.7)	0.1(6.0)	2.0(10)	797.57	786.00	808.00	23	WWH; WWH-E	Very Low	High	
[OH89 2] - KINGSBURY RUN Upper RM: 9.50 / Lower RM: 0.00														
												LRW	Essentially None	High
[OH89 3] - MORGANA RUN Upper RM: 4.80 / Lower RM: 0.00														
												LRW	Essentially None	High
[OH89 4] - BURK BRANCH Upper RM: 6.70 / Lower RM: 0.00														
												LRW; LRW	Essentially None	High
[OH89 5] - BIG CREEK Upper RM: 12.00 / Lower RM: 0.00														
58.50	44.50	72.00	58.5	21.6(8.5)	12.9(6.0)	38.5(10)	32.75	20.00	38.00	4	WWH	Moderate-High	Mod.-High	
[OH89 5.1] - FORD BRANCH BIG CREEK Upper RM: 8.75 / Lower RM: 0.00														
62.00	62.00	62.00	62.0	21.3(8.0)	21.3(8.0)	21.3(8.0)	10.00	10.00	10.00	1	LRW	Essentially None	High	
[OH89 6] - CUYAHOGA RIVER (TINKERS CREEK TO BIG CREEK) Upper RM: 16.40 / Lower RM: 7.20														
63.61	42.50	75.50	58.9	2.0(10)	1.8(10)	2.5(10)	725.79	694.00	749.00	14	WWH	Moderate - High	High	
[OH89 6.3] - WEST CREEK Upper RM: 9.70 / Lower RM: 0.00														
61.63	52.50	68.00	61.6	60.7(6.5)	20.0(4.0)	142.9(	7.10	4.00	13.20	4	WWH	High	Mod.-High	
[OH89 7] - MILL CREEK Upper RM: 12.20 / Lower RM: 0.00														
60.88	47.00	71.00	60.9	9.5(10)	6.7(10)	10.4(10)	15.25	10.00	18.00	4	WWH	High	Mod.-High	
[OH89 8] - TINKERS CREEK (POND BROOK TO CUYAHOGA RIVER) Upper RM: 22.50 / Lower RM: 0.00														
72.69	60.50	82.50	71.3	7.2(6.8)	3.6(6.0)	23.8(8.0)	73.36	40.90	96.00	8	WWH	High	High	
[OH89 8.1] - WOOD CREEK Upper RM: 4.35 / Lower RM: 0.00														
												LRW	Essentially None	High
[OH89 8.2] - DEER LICK RUN Upper RM: 3.80 / Lower RM: 0.00														
												LRW; WWH	Unknown	High
[OH89 8.3] - BEAVER MEADOW CREEK Upper RM: 5.95 / Lower RM: 0.00														
80.00	80.00	80.00	80.0	7.5(6.0)	7.5(6.0)	7.5(6.0)	5.00	5.00	5.00	1	WWH	Very High Quality	Low	
[OH89 8.4] - HAWTHORN CREEK Upper RM: 7.55 / Lower RM: 0.00														
80.50	80.50	80.50	80.5	23.6(10)	23.6(10)	23.6(10)	6.40	6.40	6.40	1	WWH	Very High Quality	Low	
[OH89 9] - TINKERS CREEK (HEADWATERS TO POND BROOK) Upper RM: 29.20 / Lower RM: 22.51														
67.50	58.00	77.50	71.3	10.8(7.3)	5.0(6.0)	15.0(8.0)	8.00	3.00	17.00	3	WWH	High	High	

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confi- dence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH89 10] - POND BROOK Upper RM: 6.00 / Lower RM: 0.00													
32.96	26.00	41.00	33.0	4.2(5.4)	3.6(4.0)	4.5(6.0)	9.41	2.00	12.00	13	MWH-C	Essentially None	High
[OH89 11] - CUYAHOGA RIVER (BRANDYWINE CREEK TO TINKERS CREEK) Upper RM: 24.20 / Lower RM: 16.40													
67.00	60.50	70.50	58.9	3.7(8.7)	2.5(8.0)	4.8(10)	578.00	555.00	596.00	3	WWH	High	High
[OH89 12.1] - TRIB. TO CHIPPEWA CREEK (RM 6.36) Upper RM: 3.80 / Lower RM: 0.00													
52.25	51.50	53.00	52.3	150.0(4.0	100.0(4.0	200.0(4.0	0.20	0.20	0.20	2	NONE	Moderate-High	Mod.
[OH89 13] - BRANDYWINE CREEK Upper RM: 11.50 / Lower RM: 0.00													
53.50	21.00	72.00	53.5	30.4(5.5)	5.9(4.0)	100.0(6.0	19.88	5.00	26.00	8	WWH	Moderate-High	High
[OH89 14] - CUYAHOGA RIVER (YELLOW CREEK TO BRANDYWINE CREEK) Upper RM: 37.20 / Lower RM: 24.20													
73.36	57.00	81.00	58.9	7.1(9.4)	4.0(8.0)	11.1(10)	484.57	443.00	520.00	7	WWH	High	High
[OH89 24] - FURNACE RUN Upper RM: 10.40 / Lower RM: 0.00													
73.00	73.00	73.00	73.0	30.3(6.0)	30.3(6.0)	30.3(6.0)	19.80	19.80	19.80	1	WWH	High	Low
[OH89 25] - YELLOW CREEK Upper RM: 10.30 / Lower RM: 0.00													
72.50	66.50	78.50	72.5	58.3(4.0)	50.0(4.0)	66.7(4.0)	25.20	22.90	27.50	2	WWH	High	Low-Mod.
[OH89 26] - NORTH FORK YELLOW CREEK Upper RM: 6.40 / Lower RM: 0.00													
71.50	71.50	71.50	71.5	40.0(6.0)	40.0(6.0)	40.0(6.0)	9.70	9.70	9.70	1	WWH	High	Low
[OH89 27] - CUYAHOGA RIVER (LITTLE CUYAHOGA R. TO YELLOW CR.) Upper RM: 42.30 / Lower RM: 37.20													
68.86	58.50	81.50	58.9	6.8(10)	5.4(10)	9.1(10)	423.36	401.00	443.00	11	WWH	High	High
LAKE ERIE TRIBS (CHAGRIN RIVER) - [Watershed QHEI: 68.6, N = 90]													
[OH90 5] - CHAGRIN RIVER (EAST BRANCH TO LAKE ERIE) Upper RM: 5.00 / Lower RM: 0.00													
57.60	34.00	77.50	69.2	1.2(5.2)	0.1(4.0)	5.7(10)	260.40	246.00	264.00	10	WWH; EWH; WWH-E	Moderate-High	High
[OH90 5.2] - CHAGRIN RIVER ESTUARY CHANNELS Upper RM: 1.00 / Lower RM: 0.00													
40.63	28.50	49.50	40.6	0.1(4.0)	0.1(4.0)	0.1(4.0)	264.00	264.00	264.00	4	NONE	Very Low	Mod.-High
[OH90 6] - EAST BRANCH CHAGRIN RIVER Upper RM: 19.40 / Lower RM: 0.00													
67.67	49.50	79.00	67.7	16.5(8.9)	10.9(6.0)	33.3(10)	29.18	18.60	46.50	9	CWH	High	High
[OH90 7] - CHAGRIN RIVER (AURORA BRANCH TO EAST BRANCH) Upper RM: 27.10 / Lower RM: 5.00													
79.13	71.00	85.50	69.2	11.2(8.0)	5.8(6.0)	16.1(10)	140.50	119.00	166.00	4	WWH	Very High Quality	High
[OH90 7.3] - TRIB. TO CHAGRIN RIVER (RM 15.4) Upper RM: 3.65 / Lower RM: 0.00													
75.50	75.50	75.50	75.5	122.5(4.0	120.0(4.0	125.0(4.0	1.70	1.70	1.70	2	WWH	Very High Quality	Mod.
[OH90 7.4] - TRIB. TO CHAGRIN R. (RM 14.88) Upper RM: 3.10 / Lower RM: 0.00													
57.50	57.50	57.50	57.5	125.0(4.0	125.0(4.0	125.0(4.0	1.80	1.80	1.80	1	NONE	Moderate-High	Low

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide	Gradient			Drainage Area				Aquatic Life	Restorability	Confidence
Mean	Min	Max	Mean QHEI	Mean	Min	Max	Mean	Min	Max	N	Use(s)	Rating ¹	
[OH90 7.5] - TRIB. TO CHAGRIN R. (RM 22.81) Upper RM: 5.94 / Lower RM: 0.00													
60.50	60.50	60.50	60.5	55.6(4.0)	55.6(4.0)	55.6(4.0)	9.30	9.30	9.30	1	NONE	High	Low
[OH90 8] - GRISWOLD CREEK Upper RM: 6.10 / Lower RM: 0.00													
63.50	63.50	63.50	63.5	31.3(8.0)	31.3(8.0)	31.3(8.0)	6.90	6.90	6.90	1	EWB	High	Low
[OH90 9] - WILLEY CREEK Upper RM: 5.58 / Lower RM: 0.00													
72.00	72.00	72.00	72.0	100.0(4.0)	100.0(4.0)	100.0(4.0)	5.10	5.10	5.10	1	EWB	High	Low
[OH90 10] - AURORA BRANCH Upper RM: 18.44 / Lower RM: 0.00													
72.68	59.50	81.50	72.7	18.3(8.3)	3.3(4.0)	50.0(10)	32.53	11.00	58.00	19	WWH	High	High
[OH90 10.1] - TRIB. TO AURORA BRANCH (SMITH CREEK) Upper RM: 6.65 / Lower RM: 0.00													
80.19	65.50	90.00	80.2	23.3(8.0)	23.3(8.0)	23.3(8.0)	10.60	10.60	10.60	8	NONE	Extremely High	High
[OH90 11] - MCFARLAND CREEK Upper RM: 5.80 / Lower RM: 0.00													
73.78	62.50	84.50	73.8	35.7(6.0)	35.7(6.0)	35.7(6.0)	10.80	10.80	10.80	9	EWB	High	High
[OH90 12] - CHAGRIN RIVER (HEADWATERS TO AURORA BRANCH) Upper RM: 51.47 / Lower RM: 27.09													
77.72	68.00	84.50	69.2	14.1(6.9)	0.1(2.0)	23.3(10)	53.89	36.00	59.00	9	WWH	Very High Quality	High
[OH90 13] - SILVER CREEK Upper RM: 6.60 / Lower RM: 0.00													
69.00	61.50	76.00	69.0	12.2(10)	7.1(10)	16.4(10)	9.67	4.10	13.30	3	CWH	High	Mod.-High
[OH90 16] - EUCLID CREEK Upper RM: 9.50 / Lower RM: 0.00													
62.25	51.50	73.00	62.3	16.3(6.0)	0.1(6.0)	32.5(6.0)	3210.50	21.00	6400.00	2	WWH	High	Low-Mod.
[OH90 16.1] - EAST BRANCH EUCLID CREEK Upper RM: 9.02 / Lower RM: 0.00													
63.63	58.50	73.00	63.6	75.6(5.5)	16.7(4.0)	142.9(	5.83	1.70	9.90	4	WWH	High	Mod.-High
[OH90 16.11] - TRIB. TO E. BR. EUCLID CREEK (RM 1.55) Upper RM: 2.35 / Lower RM: 0.00													
40.25	24.50	56.00	40.3	104.2(4.0)	83.3(4.0)	125.0(4.0)	0.80	0.70	0.90	2	LRW	Essentially None	High
[OH90 17] - LAKE ERIE DIRECT TRIBS.(CUYAHOGA R. TO EUCLID CR.) Upper RM:1188.00 / Lower RM:1178.00													
54.50	54.50	54.50	54.5	0.1(6.0)	0.1(6.0)	0.1(6.0)	****.**	999.00	****.**	1	LERIE	Low - Moderate	Low
UPPER GRAND RIVER - [Watershed QHEI: 63.1, N = 12]													
[OH91 1] - ROCK CREEK (LEBANON CREEK TO GRAND RIVER) Upper RM: 9.64 / Lower RM: 0.00													
73.50	71.50	75.50	73.5	12.4(8.0)	12.4(8.0)	12.4(8.0)	57.60	57.60	57.60	2	WWH	High	Low-Mod.
[OH91 8] - GRAND RIVER (HOSKINS CREEK TO ROCK CREEK) Upper RM: 60.23 / Lower RM: 50.59													
62.00	62.00	62.00	70.3	1.1(6.0)	1.1(6.0)	1.1(6.0)	289.00	289.00	289.00	1	WWH	Moderate - High	Low-Mod.
[OH91 14] - GRAND RIVER (COFFEE CREEK TO HOSKINS CREEK) Upper RM: 75.89 / Lower RM: 60.23													
56.50	56.50	56.50	70.3	1.4(6.0)	1.4(6.0)	1.4(6.0)	212.00	212.00	212.00	1	WWH	Moderate-High	Low-Mod.

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH91 15] - PHELPS CREEK Upper RM: 13.00 / Lower RM: 0.00													
78.00	78.00	78.00	78.0	43.5(4.0)	43.5(4.0)	43.5(4.0)	23.50	23.50	23.50	1	WWH	Very High Quality	Low
[OH91 20] - SWINE CREEK Upper RM: 14.10 / Lower RM: 0.00													
58.50	58.50	58.50	58.5	18.5(8.0)	18.5(8.0)	18.5(8.0)	15.70	15.70	15.70	1	WWH	Moderate-High	Low
[OH91 25] - GRAND RIVER (MUD CREEK TO COFFEE CREEK) Upper RM: 84.90 / Lower RM: 75.89													
53.33	52.50	54.00	70.3	2.7(6.0)	2.7(6.0)	2.7(6.0)	85.00	85.00	85.00	3	WWH	Moderate-High	High
[OH91 26] - BAUGHMAN CREEK Upper RM: 9.80 / Lower RM: 0.00													
62.25	50.50	74.00	62.3	7.4(10)	7.4(10)	7.4(10)	20.00	20.00	20.00	2	WWH	High	Mod.
[OH91 28] - GRAND RIVER (HEADWATERS TO MUD CREEK) Upper RM: 102.70 / Lower RM: 84.90													
71.00	71.00	71.00	70.3	21.3(8.0)	21.3(8.0)	21.3(8.0)	15.20	15.20	15.20	1	WWH	High	Low-Mod.
LOWER GRAND RIVER - [Watershed QHEI: 70.5, N = 51]													
[OH92 1] - GRAND RIVER (PAINE CREEK TO LAKE ERIE) Upper RM: 14.31 / Lower RM: 0.00													
72.05	50.50	92.00	70.3	4.3(8.6)	0.1(6.0)	7.8(10)	680.15	630.00	705.00	20	EWB; WWH	High	High
[OH92 5] - KELLOGG CREEK Upper RM: 6.00 / Lower RM: 0.00													
58.00	56.00	60.00	58.0	22.2(8.0)	22.2(8.0)	22.2(8.0)	13.00	13.00	13.00	2	WWH	Moderate	Mod.
[OH92 7] - BIG CREEK Upper RM: 17.20 / Lower RM: 0.00													
66.14	41.00	93.00	66.1	36.9(6.7)	20.8(4.0)	66.7(8.0)	12.35	1.00	35.00	11	WWH	High	High
[OH92 11] - JENKS CREEK Upper RM: 3.40 / Lower RM: 0.00													
70.00	70.00	70.00	70.0	111.1(4.0)	111.1(4.0)	111.1(4.0)	2.80	2.80	2.80	1	WWH	High	Low
[OH92 13] - PAINE CREEK Upper RM: 17.50 / Lower RM: 0.00													
74.50	74.50	74.50	74.5	21.1(8.0)	21.1(8.0)	21.1(8.0)	28.60	28.60	28.60	1	WWH	High	Low
[OH92 16] - GRAND RIVER (MILL CREEK TO PAINE CREEK) Upper RM: 23.58 / Lower RM: 14.31													
83.50	76.50	87.50	70.3	3.1(8.0)	3.1(8.0)	3.1(8.0)	581.00	581.00	581.00	4	EWB	Very High Quality	High
[OH92 20] - GRAND RIVER (MILL CREEK TO MILL CREEK) Upper RM: 41.28 / Lower RM: 23.58													
66.25	57.00	81.50	70.3	2.4(5.5)	0.8(4.0)	7.1(10)	541.50	521.00	554.00	4	WWH; EWB	High	High
[OH92 23] - MILL CREEK (ASKUE RUN TO GRAND RIVER) Upper RM: 19.55 / Lower RM: 0.00													
79.88	65.50	94.50	79.9	8.0(7.5)	4.1(6.0)	16.1(8.0)	77.75	69.00	86.00	4	WWH	Extremely High	Mod.-High
[OH92 24] - CEMETERY CREEK Upper RM: 6.32 / Lower RM: 0.00													
61.88	42.00	90.00	61.9	34.9(8.0)	14.3(4.0)	83.3(10)	4.78	4.50	5.00	4	WWH; LWH	High	Mod.-High
ASHTABULA RIVER AND CONNEAUT CREEK - [Watershed QHEI: 63.1, N = 38]													
[OH93 3] - CONNEAUT CREEK (OH./PA. BORDER TO LAKE ERIE) Upper RM: 23.83 / Lower RM: 0.00													
69.58	35.00	94.00	69.6	5.6(8.0)	0.1(4.0)	10.5(10)	1212.00	152.00	6400.00	6	CWH	High	High

OHIO EPA Ecological Priority List: Ultimate Aq. Life Restorability Factors

Segment QHEI			River-Wide Mean QHEI	Gradient			Drainage Area			N	Aquatic Life Use(s)	Restorability Rating ¹	Confidence
Mean	Min	Max		Mean	Min	Max	Mean	Min	Max				
[OH93 5] - ASHTABULA RIVER Upper RM: 27.54 / Lower RM: 0.00													
62.42	35.00	84.50	62.4	7.0(6.8)	0.1(4.0)	17.5(10)	1159.00	72.00	6400.00	12	WWH	High	High
[OH93 6.1] - WEST BROOK Upper RM: 0.75 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH93 7] - STRONG BROOK Upper RM: 1.34 / Lower RM: 0.00													
											LRW	Essentially None	High
[OH93 10] - WEST BRANCH ASHTABULA RIVER Upper RM: 16.50 / Lower RM: 0.00													
71.00	65.50	76.50	71.0	18.6(9.0)	17.5(8.0)	19.6(10)	26.00	25.00	27.00	2	WWH	High	Low-Mod.
[OH93 11] - EAST BRANCH ASHTABULA RIVER Upper RM: 10.70 / Lower RM: 0.00													
73.00	73.00	73.00	73.0	12.5(10)	12.5(10)	12.5(10)	23.10	23.10	23.10	1	CWH	High	Low
[OH93 16] - COWLES CREEK Upper RM: 10.50 / Lower RM: 0.00													
63.92	55.50	80.00	63.9	15.4(8.2)	0.1(2.0)	22.7(10)	12.73	6.00	17.00	12	WWH	High	High
[OH93 18] - ARCOLA CREEK Upper RM: 9.30 / Lower RM: 0.00													
49.70	34.00	67.50	49.7	15.7(8.0)	6.2(6.0)	29.4(10)	13.04	7.80	19.50	5	WWH	Moderate	High

Aquatic Life Long Term Restorability Categories:

Protection - Outstanding Candidate: Mean QHEI >= 75; Minimum QHEI >= 60; Maximum QHEIs > 90

Protection - Superior Candidate: Mean QHEI >= 75; Minimum QHEI >= 60; Maximum QHEIs < 90

Very High - Superior Candidate: Mean QHEI >= 75; Minimum QHEI < 60; Maximum QHEIs > 90

Very High Mean QHEI >= 75; Minimum QHEI < 60; Maximum QHEIs < 90

High Mean QHEI >= 60 and < 75; Mean Gradient Score > 4

Moderate - High Mean QHEI >= 60 and < 75; Mean Gradient Score <= 4

Moderate: Mean QHEI > 45 and < 60; Mean Gradient Score >= 7

Low - Moderate: Mean QHEI > 45 and < 60; Mean Gradient Score < 7

Low: Mean QHEI > 30 and <= 45; Mean Gradient Score >= 7

Very Low: Mean QHEI > 30 and <= 45; Mean Gradient Score < 7

Essentially None: LRW or MWH Use

Little or No Data: { **Unknown:** No Aquatic Life Use
Unknown: Could Be High - WWH Designation
Unknown: Likely High - EWH or CWH Designation

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
LITTLE BEAVER CREEK						
OH 4 17	MIDDLE FORK (MIDDLE RUN TO WEST FORK) – EWH	88		8.57		
	Cause of Threat: <u>Pesticides</u>			Source of Threat: <u>Contaminated sediments</u>		
OH 4 22	MIDDLE FORK (EAST BRANCH TO MIDDLE RUN) – WWH	88		0.70	12.22	
	Cause of Threat: <u>Pesticides</u>			Source of Threat: <u>Contaminated sediments</u>		
OH 4 23	STONE MILL RUN – WWH	88		4.50		
	Cause of Threat: <u>Pesticides</u>			Source of Threat: <u>Contaminated sediments</u>		
	<u>Other habitat alterations</u>			<u>Land development/Suburbanization</u>		
OH 4 34	WEST FORK (HEADWATERS TO BRUSH CREEK) – WWH	92	3.62	4.50		
	Cause of Threat: <u>Cause Unknown</u>			Source of Threat: <u>Source Unknown</u>		
CENTRAL TRIBS (SHORT CREEK AND WHEELING CR.)						
OH 6 11	WILLIAMS CREEK – WWH	94		5.40		
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Surface Mining</u>		
CENTRAL TRIBS (MCMAHON, CAPTINA, SUNFISH CR.)						
OH 7 19	CAT RUN – WWH	88		2.20		5.00
	Cause of Threat: <u>Flow alteration</u>			Source of Threat: <u>Natural</u>		
DUCK CREEK						
OH 9 32	WEST FORK DUCK CREEK (HEADWATERS TO SALT RUN) – WWH	88		12.80		
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Surface Mining</u>		
	<u>Organic enrichment/DO</u>			<u>Municipal Point Sources</u>		
	<u>Metals</u>			<u>Industrial Point Sources</u>		
UPPER TUSCARAWAS RIVER						
OH10 33.2	METZGERS DITCH – WWH	92		1.70		1.30
	Cause of Threat: <u>Priority organics</u>			Source of Threat: <u>Land development/Suburbanization</u>		
	<u>Total toxics</u>			<u>Landfills</u>		
NIMISHILLEN CREEK						
OH11 12	SANDY CREEK (L. SANDY CREEK TO NIMISHILLEN CREEK) – WWH	88		1.10		1.10
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Surface Mining</u>		
LOWER TUSCARAWAS RIVER						

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH15 19	TUSCARAWAS RIVER (STILLWATER CREEK TO DUNLOP CR.) – Cause of Threat: <u>Other habitat alterations</u>	90		18.50	0.50	
OH15 24	TUSCARAWAS RIVER (SUGAR CREEK TO STILLWATER CREEK) – Cause of Threat: <u>Unionized Ammonia</u> <u>Priority organics</u>	90		0.92	10.00	0.10
BLACK FORK, CLEAR FORK, ROCKY FORK MOHICAN R.						
OH16 19	ROCKY FORK MOHICAN RIVER – WWH Cause of Threat: <u>Metals</u> <u>Priority organics</u>	96	3.20	3.20	0.60	12.60
UPPER MUSKINGUM RIVER AND WAKATOMIKA CREEK						
OH20 2	WAKATOMIKA CREEK (BRUSHY FORK TO MUSKINGUM RIVER) – Cause of Threat: <u>Salinity/TDS/chlorides</u> <u>Siltation</u>	88		19.70		
OH20 14	BRUSHY FORK – WWH Cause of Threat: <u>Organic enrichment/DO</u> <u>Other habitat alterations</u>	96		8.30		
OH20 25	MILL CREEK – LWH Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>	96		16.30		
OH20 26	SPOON CREEK – LWH Cause of Threat: <u>Nutrients</u> <u>Other habitat alterations</u>	96		4.70		
LICKING RIVER						
OH22 33	LAKE FORK – WWH Cause of Threat: <u>Organic enrichment/DO</u>	88		12.20		
OH22 41	OTTER FORK – WWH Cause of Threat: <u>Organic enrichment/DO</u>	90		0.50		
OH22 45	S. FK. LICKING R. (BUCKEYE LK OUTLET TO LICKING R) – WWH Cause of Threat: <u>Nutrients</u> <u>Other habitat alterations</u>	96	11.60	1.20		

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH22 48	LOBDELL CREEK – WWH	96		5.00		
	Cause of Threat: <i>Flow alteration</i>				Source of Threat: <i>Dam construction</i>	
OH22 59	S. FK. LICKING R(TRIB@ 23.25 TO BUCKEYE LK OUTLET) – WWH	96	10.10	0.30		
	Cause of Threat: <i>Nutrients</i> <i>Other habitat alterations</i>				Source of Threat: <i>Minor Municipal Point Source</i>	

MIDDLE MUSKINGUM RIVER

OH23 25	KENT RUN – WWH	88	12.10	
	Cause of Threat: <i>Other habitat alterations</i>		Source of Threat: <i>Surface Mining</i>	
OH23 43.1	OGG CREEK – WWH	88	0.40	0.30
	Cause of Threat: <i>pH</i> <i>Siltation</i>		Source of Threat: <i>Surface Mining</i> <i>Dam construction</i>	

LOWER MUSKINGUM RIVER

OH24 74	MEIGS CREEK – WWH	92	4.00	6.10	
	Cause of Threat: <i>Siltation</i>		Source of Threat: <i>Surface Mining</i>		
OH24 80	DYES FORK – WWH	92	5.00	1.00	
	Cause of Threat: <i>Siltation</i>		Source of Threat: <i>Surface Mining</i>		
OH24 92	MUSKINGUM RIVER (MILLERS RUN TO MEIGS CREEK) – WWH	92	7.00	12.00	1.60
	Cause of Threat: <i>Metals</i> <i>Priority organics</i>		Source of Threat: <i>Industrial Point Sources</i>		

UPPER HOCKING RIVER

OH25	4.1	TRIB. TO CLEAR CREEK (RM 9.52) – WWH	96	2.00
		Cause of Threat: <i>Other habitat alterations</i>		Source of Threat: <i>Landfills</i>

MIDDLE HOCKING RIVER

OH26 36	HOCKING RIVER (SCOTT CREEK TO MONDAY CREEK) – WWH	92	17.47	2.60
	Cause of Threat: <i>Other habitat alterations</i>		Source of Threat: <i>Channelization</i>	
OH26 47	HOCKING RIVER (ENTERPRISE TO SCOTT CREEK) – WWH	92	3.84	0.60
	Cause of Threat: <i>Other habitat alterations</i>		Source of Threat: <i>Channelization</i>	

SE TRIBS (LOWER RACCOON CREEK)

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support Threatened	Partial Support	Non-Support
OH29 19	KYGER CREEK – WWH Cause of Threat: <u>Siltation</u> <u>Unionized Ammonia</u> <u>pH</u> <u>Metals</u> <u>Siltation</u>	92	4.60		2.50
SE TRIBS (UPPER RACCOON CREEK)					
OH30 16	MEADOW RUN – LRW Cause of Threat: <u>Metals</u> <u>pH</u> <u>Metals</u> <u>Unionized Ammonia</u>	92	1.10		2.10
OH30 18	SAND RUN – WWH Cause of Threat: <u>Nutrients</u>	96	1.25	3.05	
SE TRIBS (LITTLE INDIAN GUYAN CREEK)					
OH31 2	INDIAN GUYAN CREEK (L. INDIAN GUYAN CR. TO OHIO R) – WWH Cause of Threat: <u>Cause Unknown</u>	92	1.10		
SE TRIBS (SYMMES CREEK)					
OH32 1	SYMMES CREEK (VENISONHAM CREEK TO OHIO RIVER) – WWH Cause of Threat: <u>Siltation</u>	92	3.60		
OH32 24	BUFFALO CREEK – WWH Cause of Threat: <u>Organic enrichment/DO</u>	92	7.50		
OH32 25	COULLEY FORK – WWH Cause of Threat: <u>Organic enrichment/DO</u>	92	3.90		
SE TRIBS (LITTLE SCIOTO RIVER AND PINE CREEK)					
OH33 31	BEAR RUN – WWH Cause of Threat: <u>Organic enrichment/DO</u> <u>Unionized Ammonia</u>	92	2.10		
OH33 61	PINE CREEK (HALES CREEK TO LITTLE PINE CREEK) – WWH Cause of Threat: <u>Organic enrichment/DO</u> <u>pH</u>	92	1.20		

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH33 86	ICE CREEK – WWH Cause of Threat: <u>Siltation</u>	92		4.80		
					Source of Threat: <u>Source Unknown</u>	
SCIOTO RIVER (MILL CR.,BOKES CR., FULTON CR.)						
OH35 1	MILL CREEK (OTTER RUN TO SCIOTO RIVER) – WWH Cause of Threat: <u>Organic enrichment/DO</u> <u>Siltation</u>	92		1.90	11.90	9.60
					Source of Threat: <u>Specialty crop production</u> <u>Landfills</u> <u>Land development/Suburbanization</u> <u>Municipal Point Sources</u>	
UPPER OLENTANGY RIVER						
OH36 11	SHAW CREEK – WWH Cause of Threat: <u>Siltation</u> <u>Oil and grease</u> <u>Other habitat alterations</u>	96		2.00		
					Source of Threat: <u>Agriculture</u> <u>Spills</u>	
LOWER OLENTANGY RIVER						
OH37 9	OLENTANGY RIVER (BARTHOLOMEW RUN TO SCIOTO RIVER) – Cause of Threat: <u>Organic enrichment/DO</u> <u>Other habitat alterations</u> <u>Flow alteration</u>	90		2.90	8.20	3.38
					Source of Threat: <u>Combined Sewer Overflow</u> <u>Dam construction</u> <u>Other Urban Runoff</u>	
OH37 13	OLENTANGY RIVER (DELAWARE RUN TO BARTHOLOMEW RUN) – Cause of Threat: <u>Organic enrichment/DO</u>	90		7.20	4.03	
					Source of Threat: <u>Onsite wastewater systems (septic tanks)</u> <u>Other Urban Runoff</u>	
OH37 25	SCIOTO RIVER (MILL CREEK TO INDIAN RUN) – WWH Cause of Threat: <u>Nutrients</u> <u>Other habitat alterations</u>	92		3.70		6.52
					Source of Threat: <u>Nonirrigated crop production</u> <u>Dam construction</u>	
OH37 27	EVERSOLE RUN – WWH Cause of Threat: <u>Siltation</u>	96	3.00	3.00		
					Source of Threat: <u>Land development/Suburbanization</u>	
BIG WALNUT CREEK						
OH38 1	BIG WALNUT CREEK (ALUM/BLACKLICK CR. TO SCIOTO R.) – Cause of Threat: <u>Suspended solids</u>	94	7.30	8.00		
					Source of Threat: <u>Surface Mining</u>	
OH38 17	BLACKLICK CREEK – EWH Cause of Threat: <u>Siltation</u>	94		6.10	11.10	10.80
					Source of Threat: <u>Land development/Suburbanization</u>	

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
<u>Other habitat alterations</u>						
OH38 20	BIG WALNUT CREEK (HOOVER RES. DAM TO ROCKY FORK) – WWH	94		4.00	5.30	
	Cause of Threat: <u>Flow alteration</u>			Source of Threat: <u>Flow regulation/modification</u>		
OH38 21	ROCKY FORK – EWH	96		5.80	1.80	3.00
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Land development/Suburbanization</u>		
OH38 21.1	ROSE RUN – WWH	94		0.50		
	Cause of Threat: <u>Other habitat alterations</u> <u>Organic enrichment/DO</u>			Source of Threat: <u>Construction</u> <u>Onsite wastewater systems (septic tanks)</u>		
BIG DARBY CREEK						
OH39 6	HELLBRANCH RUN – WWH	96		3.80	3.70	5.30
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Land development/Suburbanization</u>		
OH39 22	BIG DARBY CREEK (BUCK RUN TO SUGAR RUN) – EWH	96	12.32	0.50		
	Cause of Threat: <u>Organic enrichment/DO</u>			Source of Threat: <u>Major Municipal Point Source</u>		
OH39 32	LITTLE DARBY CREEK – EWH	90		0.50	5.50	
	Cause of Threat: <u>Other habitat alterations</u> <u>Siltation</u>			Source of Threat: <u>Channelization</u> <u>Land development/Suburbanization</u> <u>Removal of riparian vegetation</u>		
WALNUT CREEK						
OH40 1	SCIOTO RIVER (WALNUT CREEK TO BIG DARBY CREEK) – EWH	94		5.30		
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Removal of riparian vegetation</u> <u>Land development/Suburbanization</u>		
OH40 9	WALNUT CREEK (GEORGE CREEK TO LITTLE WALNUT CREEK) –	96		15.68		
	Cause of Threat: <u>Organic enrichment/DO</u> <u>Nutrients</u>			Source of Threat: <u>Minor Municipal Point Source</u> <u>Onsite wastewater systems (septic tanks)</u>		
OH40 13	WALNUT CREEK (SYCAMORE CREEK TO GEORGE CREEK) – WWH	96		8.03		
	Cause of Threat: <u>Organic enrichment/DO</u> <u>Nutrients</u> <u>Suspended solids</u>			Source of Threat: <u>Minor Municipal Point Source</u> <u>Onsite wastewater systems (septic tanks)</u>		
OH40 15	SYCAMORE CREEK – WWH	96		13.60		
	Cause of Threat: <u>Organic enrichment/DO</u>			Source of Threat: <u>Minor Municipal Point Source</u> <u>Onsite wastewater systems (septic tanks)</u>		

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support Threatened	Partial Support	Non-Support
OH40 16	WALNUT CREEK (PAWPAW CREEK TO SYCAMORE CREEK) – WWH	96	12.21		
	Cause of Threat: <u>Organic enrichment/DO</u> <u>Nutrients</u>		Source of Threat: <u>Onsite wastewater systems (septic tanks)</u> <u>Non-industrial Permitted</u> <u>Minor Industrial Point Source</u>		
MIDDLE SCIOTO RIVER (INCLUDING DEER CREEK)					
OH41 1	SCIOTO RIVER (KINNIKINNICK CREEK TO PAINT CREEK) – WWH	94	8.16	11.00	0.30
	Cause of Threat: <u>Other habitat alterations</u> <u>Siltation</u>		Source of Threat: <u>Removal of riparian vegetation</u> <u>Nonirrigated crop production</u>		
OH41 6	SCIOTO RIVER (SCIPPO CREEK TO KINNIKINNICK CREEK) – WWH	94	1.84	4.80	
	Cause of Threat: <u>Other habitat alterations</u> <u>Siltation</u>		Source of Threat: <u>Removal of riparian vegetation</u> <u>Nonirrigated crop production</u>		
OH41 30.1	CHILDRENS HOME DITCH – NONE	90	2.40	0.50	
	Cause of Threat: <u>Organic enrichment/DO</u>		Source of Threat: <u>Municipal Point Sources</u>		
OH41 33	SCIOTO RIVER (BIG DARBY CREEK TO SCIPPO CREEK) – EWH	94	6.10	5.00	0.10
	Cause of Threat: <u>Other habitat alterations</u> <u>Siltation</u>		Source of Threat: <u>Removal of riparian vegetation</u> <u>Nonirrigated crop production</u>		
OH41 34	SCIPPO CREEK – EWH	96	10.70	6.10	
	Cause of Threat: <u>Other habitat alterations</u>		Source of Threat: <u>Removal of riparian vegetation</u>		
OH41 35	CONGO CREEK – EWH	96	6.00		
	Cause of Threat: <u>Other habitat alterations</u>		Source of Threat: <u>Removal of riparian vegetation</u>		
OH41 39	HARGUS CREEK – WWH	94	1.90	2.70	
	Cause of Threat: <u>Other habitat alterations</u>		Source of Threat: <u>Hydromodification</u>		
OH41 40	HOMINY CREEK – WWH	94	3.70		
	Cause of Threat: <u>Other habitat alterations</u>		Source of Threat: <u>Hydromodification</u>		
SALT CREEK					
OH44 4	M. FK. SALT LICK CREEK (PIGEON CR TO SALT LICK CR) – WWH	90	0.50	0.50	
	Cause of Threat: <u>Siltation</u>		Source of Threat: <u>Surface Mining</u>		
OH44 19	SALT CREEK (PIKE RUN TO SALT LICK CREEK) – EWH	94	8.49	1.10	
	Cause of Threat: <u>Other habitat alterations</u> <u>Siltation</u>		Source of Threat: <u>Removal of riparian vegetation</u> <u>Nonirrigated crop production</u>		

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH44 24	SALT CREEK (QUEER CREEK TO PIKE RUN) – EWH	94	3.50	3.51	4.30	
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Nonirrigated crop production</u> <u>Removal of riparian vegetation</u>		
OH44 33	SALT CREEK (LAUREL RUN TO QUEER CREEK) – EWH	94		4.10	3.60	
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Removal of riparian vegetation</u> <u>Nonirrigated crop production</u>		
OH44 44	LAUREL RUN – EWH	94		1.60		
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Silviculture</u> <u>Flow regulation/modification</u>		
OH44 47	MIDDLE FORK LAUREL RUN – EWH	94		6.20		
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Removal of riparian vegetation</u> <u>Nonirrigated crop production</u>		
SCIOTO RIVER (SUNFISH CR., BEAVER CR.)						
OH45 56	SCIOTO RIVER (PAINT CREEK TO SALT CREEK) – WWH	94		12.32		
	Cause of Threat: <u>Unknown toxicity</u>			Source of Threat: <u>Industrial Point Sources</u>		
LOWER SCIOTO RIVER (AND SCIOTO BRUSH CREEK)						
OH46 23	S FK SCIOTO BRUSH (SHAWNEE CR. TO SCIOTO BRUSH CR) – EWH	88		7.30	1.00	
	Cause of Threat: <u>Unionized Ammonia</u>			Source of Threat: <u>Surface Mining</u> <u>Petroleum activities</u>		
OH46 63	SCIOTO BRUSH CREEK (RARDEN CREEK TO SOUTH FORK) – EWH	92		7.05		
	Cause of Threat: <u>Metals</u>			Source of Threat: <u>Nonirrigated crop production</u> <u>Surface Mining</u> <u>Petroleum activities</u>		
OHIO BRUSH CREEK						
OH48 31	OHIO BRUSH CREEK (BAKER FORK TO WEST FORK) – EWH	96		12.50		
	Cause of Threat: <u>Flow alteration</u>			Source of Threat: <u>Dam construction</u>		
OH48 37	BAKER FORK – WWH	96		3.00		
	Cause of Threat: <u>Flow alteration</u>			Source of Threat: <u>Dam construction</u>		
OH48 38	MIDDLE FORK – WWH	96	4.00	3.00		
	Cause of Threat: <u>Flow alteration</u>			Source of Threat: <u>Dam construction</u>		

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support Threatened	Partial Support	Non-Support
UPPER LITTLE MIAMI RIVER					
OH50 1	LITTLE MIAMI RIVER (GLADY RUN TO CAESAR CREEK) – EWH	96	0.30	12.50	
	Cause of Threat: <u>Nutrients</u>		Source of Threat: <u>Major Municipal Point Source</u>		
OH50 4	LITTLE MIAMI RIVER (BEAVER CREEK TO GLADY RUN) – EWH	96	6.50	2.50	
	Cause of Threat: <u>Organic enrichment/DO</u> <u>Nutrients</u>		Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
OH50 10	LITTLE MIAMI RIVER (MASSIES CREEK TO BEAVER CREEK) – EWH	96	6.80		
	Cause of Threat: <u>Nutrients</u>		Source of Threat: <u>Major Municipal Point Source</u> <u>Land development/Suburbanization</u>		
OH50 16	SOUTH FORK MASSIES CREEK – WWH	96	0.50	1.00	
	Cause of Threat: <u>Other habitat alterations</u>		Source of Threat: <u>Channelization</u>		
OH50 17	LITTLE MIAMI RIVER (NORTH FORK TO MASSIES CREEK) – EWH	96	5.90	6.20	
	Cause of Threat: <u>Pesticides</u> <u>Nutrients</u>		Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
EAST FORK LITTLE MIAMI RIVER					
OH53 1	E. FK. LITTLE MIAMI R. (STONELICK CR. TO L. MIAMI) – EWH	96	5.20	2.20	
	Cause of Threat: <u>Nutrients</u>		Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
OH53 2	HALL RUN – WWH	96	1.00		4.70
	Cause of Threat: <u>Other habitat alterations</u> <u>Organic enrichment/DO</u>		Source of Threat: <u>Land development/Suburbanization</u>		
OH53 6	SHAYLER RUN – WWH	92	5.00	2.20	0.60
	Cause of Threat: <u>Other habitat alterations</u> <u>Flow alteration</u> <u>Organic enrichment/DO</u>		Source of Threat: <u>Land development/Suburbanization</u> <u>Flow regulation/modification</u> <u>Dredging</u>		
OH53 6.1	TRIB. TO SHAYLER RUN – WWH	92	3.95		
	Cause of Threat: <u>Organic enrichment/DO</u> <u>Other habitat alterations</u>		Source of Threat: <u>Land development/Suburbanization</u>		
OH53 16	E. FK. LITTLE MIAMI (EAST FK LAKE TO STONELICK CR) – EWH	96	6.70		
	Cause of Threat: <u>Nutrients</u>		Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
LOWER LITTLE MIAMI RIVER					

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH54 7	LITTLE MIAMI R. (O'BANNON CR. TO E. FK. L. MIAMI) – EWH Cause of Threat: <u>Nutrients</u>	96		2.20	10.30	
				Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
OH54 9	SYCAMORE CREEK – WWH Cause of Threat: <u>Other habitat alterations</u> <u>Organic enrichment/DO</u>	96		4.00	0.30	0.20
				Source of Threat: <u>Spills</u>		
OH54 12	O'BANNON CREEK – WWH Cause of Threat: <u>Organic enrichment/DO</u>	92	0.10	2.60		
				Source of Threat: <u>Municipal Point Sources</u>		
OH54 16	LITTLE MIAMI RIVER (TURTLE CR. TO O'BANNON CR.) – EWH Cause of Threat: <u>Nutrients</u>	96		8.20	1.00	
				Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
OH54 23	MUDDY CREEK – WWH Cause of Threat: <u>Nutrients</u>	96		2.50		
				Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
OH54 27	LITTLE MIAMI RIVER (TODD FORK TO TURTLE CREEK) – EWH Cause of Threat: <u>Nutrients</u>	96		5.30		
				Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
OH54 30	LITTLE MIAMI RIVER (CAESAR CREEK TO TODD FORK) – EWH Cause of Threat: <u>Nutrients</u>	96		5.70	6.70	
				Source of Threat: <u>Land development/Suburbanization</u> <u>Major Municipal Point Source</u>		
STILLWATER RIVER						
OH57 3	MILL CREEK – WWH Cause of Threat: <u>Unionized Ammonia</u>	96		0.60		3.80
				Source of Threat: <u>Industrial Permitted</u>		
OH57 21	GREENVILLE CREEK (DIVIDING BR. TO STILLWATER R.) – EWH Cause of Threat: <u>Organic enrichment/DO</u>	92		0.30	7.30	7.60
				Source of Threat: <u>Industrial Point Sources</u> <u>Municipal Point Sources</u> <u>Nonirrigated crop production</u>		
MAD RIVER						
OH58 11	MAD RIVER (BUCK CREEK TO DONNELLS CREEK) – WWH Cause of Threat:	96		7.77		
				Source of Threat:		

TWIN CREEK

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH59 4.1	TRIB. TO TOMS RUN (RM 5.34) – WWH	96		4.80		
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Landfills</u>		
FOURMILE CREEK						
OH61 19	SEVENMILE CREEK (HEADWATERS TO PAINT CREEK) – EWH	94		1.00	11.00	2.00
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Nonirrigated crop production</u>		
OH61 24	FOURMILE CREEK (L. FOURMILE CR. TO SEVENMILE CR.) – WWH	94	7.30	6.00	4.20	
	Cause of Threat: <u>Organic enrichment/DO</u> <u>Other habitat alterations</u>			Source of Threat: <u>Channelization</u>		
OH61 31	FOURMILE CREEK (HEADWATERS TO LITTLE FOURMILE CR.) –	94		14.30		
	Cause of Threat: <u>Other habitat alterations</u> <u>Siltation</u>			Source of Threat: <u>Agriculture</u> <u>Streambank modification/destabilization</u> <u>Removal of riparian vegetation</u>		
LOWER GREAT MIAMI RIVER AND WHITEWATER RIVER						
OH62 12	TAYLOR CREEK – WWH	92		4.00	0.50	
	Cause of Threat: <u>Other habitat alterations</u>			Source of Threat: <u>Highway/road/bridge/sewer line</u> <u>Removal of riparian vegetation</u>		
OH62 12.1	WESSELMAN CREEK – WWH	92		1.00		
	Cause of Threat: <u>Other habitat alterations</u>			Source of Threat: <u>Land development/Suburbanization</u>		
OH62 12.2	BRIARLY CREEK – WWH	92		0.50	0.80	1.70
	Cause of Threat: <u>Other habitat alterations</u>			Source of Threat: <u>Construction</u>		
LOWER AUGLAIZE RIVER						
OH67 10	RILEY CREEK (LITTLE RILEY CREEK TO BLANCHARD R.) – WWH	94		4.60	5.10	5.60
	Cause of Threat: <u>Other habitat alterations</u>			Source of Threat: <u>Channelization</u>		
UPPER AUGLAIZE RIVER						
OH70 3	AUGLAIZE RIVER (OTTAWA RIVER TO BLANCHARD RIVER) – EWH	94		7.00		
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Agriculture</u>		
OH70 5	AUGLAIZE RIVER (JENNINGS CREEK TO OTTAWA RIVER) – EWH	94		6.90	6.86	
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Agriculture</u>		

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WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH70 18	PUSHETA CREEK – WWH	96		10.00		
	Cause of Threat:			Source of Threat:		
	<u>Other habitat alterations</u>			<u>Removal of riparian vegetation</u>		
				<u>Channelization</u>		
UPPER MAUMEE RIVER						
OH71 15	FLATROCK CREEK (WILDCAT CREEK TO AUGLAIZE RIVER) – WWH	94		2.10	19.70	1.80
	Cause of Threat:			Source of Threat:		
	<u>Siltation</u>			<u>Removal of riparian vegetation</u>		
LOWER MAUMEE RIVER (AND OTTAWA RIVER)						
OH75 6	BLUE CREEK – WWH	96		0.70		1.00
	Cause of Threat:			Source of Threat:		
	<u>Other habitat alterations</u>			<u>Hydromodification</u>		
UPPER PORTAGE RIVER						
OH77 6	NEEDLES CREEK – WWH	96		10.70		
	Cause of Threat:			Source of Threat:		
	<u>Other habitat alterations</u>			<u>Channelization</u>		
OH77 10	NORTH BRANCH PORTAGE RIVER – WWH	96	14.70	2.00		9.10
	Cause of Threat:			Source of Threat:		
	<u>Nutrients</u>			<u>Municipal Point Sources</u>		
LOWER PORTAGE RIVER						
OH78 8	SUGAR CREEK – WWH	96	8.91	8.89		
	Cause of Threat:			Source of Threat:		
	<u>Other habitat alterations</u>			<u>Channelization</u>		
	<u>Nutrients</u>			<u>Nonirrigated crop production</u>		
				<u>Feedlots (Confined Animal Feeding Oper.)</u>		
OH78 9	PORTAGE RIVER (MIDDLE BRANCH TO SUGAR CREEK) – WWH	96	22.13	1.00	0.20	
	Cause of Threat:			Source of Threat:		
	<u>Nutrients</u>			<u>Municipal Point Sources</u>		
LOWER SANDUSKY RIVER						
OH82 15	WOLF CREEK – WWH	94		1.90		0.70
	Cause of Threat:			Source of Threat:		
	<u>Other habitat alterations</u>			<u>Channelization</u>		
HURON RIVER						
OH85 12	VERMILION RIVER (SOUTHWEST BRANCH TO EAST BRANCH) –	88		14.90	3.20	
	Cause of Threat:			Source of Threat:		
	<u>Siltation</u>			<u>Nonirrigated crop production</u>		
BLACK RIVER						

Appendix I. List of threatened stream segments and threatened segments with other portions of the the waterbody impaired or partially impaired

WBID	Waterbody Name	Assessment Cycle	Full Support	Threatened	Partial Support	Non-Support
OH86 4	EAST BRANCH (HILL SPAULDING DITCH TO W BR BLACK R) – WWH	94	3.50	5.00	2.50	1.00
	Cause of Threat: <u>Siltation</u> <u>Other habitat alterations</u>			Source of Threat: <u>Nonirrigated crop production</u> <u>Removal of riparian vegetation</u>		
OH86 5	EAST BRANCH (CROW CR. TO HILL SPAULDING DITCH) – WWH	94		6.00		6.39
	Cause of Threat: <u>Siltation</u>			Source of Threat: <u>Agriculture</u>		
ROCKY RIVER						
OH87 2	ROCKY RIVER – WWH	94		0.90	7.60	3.50
	Cause of Threat: <u>Organic enrichment/DO</u> <u>Flow alteration</u>			Source of Threat: <u>Combined Sewer Overflow</u> <u>Urban Runoff/Storm Sewers (NPS)</u>		
LOWER CUYAHOGA RIVER						
OH89 12.1	TRIB. TO CHIPPEWA CREEK (RM 6.36) –	96		2.40		1.40
	Cause of Threat:			Source of Threat:		
OH89 25	YELLOW CREEK – WWH	94		2.40		
	Cause of Threat: <u>Organic enrichment/DO</u>			Source of Threat: <u>Onsite wastewater systems (septic tanks)</u> <u>Municipal Point Sources</u>		
LAKE ERIE TRIBS (CHAGRIN RIVER)						
OH90 6	EAST BRANCH CHAGRIN RIVER – CWH	96		19.40		
	Cause of Threat: <u>Other habitat alterations</u>			Source of Threat: <u>Land development/Suburbanization</u>		
OH90 7	CHAGRIN RIVER (AURORA BRANCH TO EAST BRANCH) – WWH	90		14.60	7.50	
	Cause of Threat: <u>Organic enrichment/DO</u>			Source of Threat: <u>Urban Runoff/Storm Sewers (NPS)</u>		
OH90 10	AURORA BRANCH – WWH	94		7.60	3.80	0.40
	Cause of Threat: <u>Nutrients</u>			Source of Threat: <u>Land development/Suburbanization</u> <u>Municipal Point Sources</u>		
OH90 12	CHAGRIN RIVER (HEADWATERS TO AURORA BRANCH) – WWH	94		22.40	0.50	
	Cause of Threat: <u>Nutrients</u> <u>Other habitat alterations</u>			Source of Threat: <u>Land development/Suburbanization</u>		
ASHTABULA RIVER AND CONNEAUT CREEK						
OH93 3	CONNEAUT CREEK (OH./PA. BORDER TO LAKE ERIE) – CWH	92	22.33	1.00		0.50
	Cause of Threat: <u>Other habitat alterations</u> <u>pH</u>			Source of Threat: <u>Spills</u>		