

Appendix A
Ohio and Michigan Integrated Reports

Table A-1: Ohio 2018 Integrated Report Categories

Category		Subcategory	
0	No waters currently utilized for water supply		
1	Use attaining	d	TMDL complete; new data show the aquatic use (AU) is attaining water quality standards (WQS)
		h	Historical data
		t	TMDL complete at 11-digit hydrologic unit code (HUC) scale; AU is attaining WQS at HUC 12 scale
		x	Retained from 2008 IR
2	Not applicable in Ohio system		
3	Use attainment unknown	h	Historical data
		i	Insufficient data
		t	TMDL complete at HUC 11 scale; there may be no or not enough data to assess this AU the HUC 12 scale
		x	Retained from 2008 IR
4	Impaired; TMDL not needed	A	TMDL complete
		B	Other required control measures will result in attainment of use
		C	Not a pollutant
		h	Historical data
		n	Natural causes and sources
		x	Retained from 2008 IR
5	Impaired; TMDL needed	M	Mercury
		d	TMDL complete; new data show the AU is not attaining WQS
		h	Historical data
		p	Protection/preservation for threatened waters
		x	Retained from 2008 IR

The Ohio and Michigan watersheds of the region are listed in Tables A-2 and A-3, respectively; including their use attainment scores as reported in the Ohio 2018 Integrated Water Quality Monitoring and Assessment Report (<http://www.epa.ohio.gov/dsw/tmdl/OhioIntegratedReport.aspx>) and Michigan’s Water Quality and Pollution Control in Michigan 2016 Sections 303(d), 305(b), and 314 Integrated Report (https://www.michigan.gov/deq/0,4561,7-135-3313_3681_3686_3728-12711--,00.html). Please note that these reports are the most recent versions available at time of publication; updates are anticipated every two years.

Table A-2: Northwest Ohio Watersheds and Beneficial Use Assessments

HUC 8	HUC 10	HUC 12	HUC 12 Name	States	Area (mi ²)	Human Health	Recreation	Aquatic Life	PDW Supply
04100001 Ottawa-Stony	04100001 03 Ottawa River-Frontal Lake Erie	04100001 03 01	Shantee Creek	MI,OH	15.81	5h	5h	5	0
		04100001 03 02	Halfway Creek	MI,OH	39.89	5h	5h	5	0
		04100001 03 03	Prairie Ditch	OH	18.63	5h	5h	1	0
		04100001 03 04	Headwaters Tenmile Creek	MI,OH	48.29	1h	5h	5	0
		04100001 03 05	North Tenmile Creek	MI,OH	40.51	5h	5h	5	0
		04100001 03 06	Tenmile Creek	MI,OH	14.97	5h	5h	5	0
		04100001 03 07	Heldman Ditch-Ottawa River	OH	28.15	5	5h	5	0
		04100001 03 08	Sibley Creek-Ottawa River	MI,OH	22.35	5	5h	5	0
		04100001 03 09	Detwiler Ditch-Frontal Lake Erie	MI,OH	7.43	3	1h	5	0
04100002 Raisin	04100002 03 Little River Raisin-River Raisin	04100002 03 04	Little Bear Creek-Bear Creek	MI,OH	21.8	3	5h	5	0
04100008 Blanchard	04100008 02 Lye Creek-Blanchard River	04100008 02 02	The Outlet	OH	38.36	5h	4Ah	1h	0
		04100008 02 05	City of Findlay Riverside Park-Blanchard River	OH	16.22	5	4Ah	4Ah	3i
	04100008 03 Eagle Creek-Blanchard River	04100008 03 04	Howard Run-Blanchard River	OH	36.28	5h	4Ah	4Ah	0

HUC 8	HUC 10	HUC 12	HUC 12 Name	States	Area (mi ²)	Human Health	Recreation	Aquatic Life	PDW Supply
	04100008 05 Ottawa Creek-Blanchard River	04100008 05 06	Village of Gilboa-Blanchard River	OH	41.2	3	4Ah	1h	0
	04100008 06 Cranberry Creek-Blanchard River	04100008 06 02	Pike Run-Blanchard River	OH	28.64	3	4Ah	4Ah	3i
		04100008 06 03	Miller City Cutoff	OH	22.64	3	4Ah	4Ah	0
04100009 Lower Maumee	04100009 01 South Turkeyfoot Creek	04100009 01 02	Upper South Turkeyfoot Creek	OH	21.03	3	1	1	0
		04100009 01 06	Lower South Turkeyfoot Creek	OH	13.79	3i	5h	1	0
	04100009 03 Bad Creek	04100009 03 01	Upper Bad Creek	OH	22.81	3	1h	1	0
		04100009 03 02	Lower Bad Creek	OH	41.46	1	5h	1	5
	04100009 04	04100009 04 03	Dry Creek-Maumee River	OH	27.36	3	5h	1	0
	04100009 05 Beaver Creek-Maumee River	04100009 05 01	Big Creek	OH	21.52	3	5h	1	0
		04100009 05 02	Hammer Creek	OH	25.09	3	5h	1	0
		04100009 05 03	Upper Beaver Creek	OH	16.71	3	5h	1	0
		04100009 05 04	Upper Yellow Creek	OH	34.63	3	5h	1	0
		04100009 05 05	Brush Creek	OH	25.11	3	5h	1	0
		04100009 05 06	Lower Yellow Creek	OH	22.67	3i	1h	1	0
		04100009 05 07	Cutoff Ditch	OH	22.06	5	5h	1	0
04100009 05 08	Middle Beaver Creek	OH	23.46	3i	5h	1	0		

HUC 8	HUC 10	HUC 12	HUC 12 Name	States	Area (mi ²)	Human Health	Recreation	Aquatic Life	PDW Supply
		04100009 05 09	Lower Beaver Creek	OH	16.78	5	5h	1	0
		04100009 05 10	Lick Creek-Maumee River	OH	23.39	3	3	3	0
	04100009 06 Tontogany Creek-Maumee River	04100009 06 01	Tontogany Creek	OH	45.3	3	5h	1	0
		04100009 06 02	Sugar Creek-Maumee River	OH	21.72	3	5h	1	0
		04100009 06 03	Haskins Road Ditch-Maumee River	OH	15.73	3	5h	1	5
	04100009 07 Upper Swan Creek	04100009 07 01	Ai Creek	OH	50.83	3	4A	4A	0
		04100009 07 02	Fewless Creek-Swan Creek	OH	28.34	3	4A	4A	3i
		04100009 07 03	Gale Run-Swan Creek	OH	16.91	3	4A	4A	0
	04100009 08 Lower Swan Creek	04100009 08 01	Upper Blue Creek	OH	20.28	3	4A	3i	0
		04100009 08 02	Lower Blue Creek	OH	24.49	3	4A	4A	0
		04100009 08 03	Wolf Creek	OH	27.16	3	4A	4A	0
		04100009 08 04	Heilman Ditch-Swan Creek	OH	36.88	5	4A	4A	0
	04100009 09 Grassy Creek-Maumee River	04100009 09 01	Grassy Creek Diversion	OH	24.78	3	4A	3i	0
		04100009 09 02	Grassy Creek	OH	13.68	3i	1d	4A	0
		04100009 09 03	Crooked Creek-Maumee River	OH	18.89	3	3	3	0
		04100009 09 04	Delaware Creek-Maumee River	OH	19.25	3i	4A	4A	0
04100010 01 Rocky Ford-Middle Branch	04100010 01 01	Rader Creek	OH	32.71	3	4Ah	4A	3i	
	04100010 01 02	Needles Creek	OH	31.42	3	4Ah	4A	0	

HUC 8	HUC 10	HUC 12	HUC 12 Name	States	Area (mi ²)	Human Health	Recreation	Aquatic Life	PDW Supply
04100010 Cedar-Portage	Portage River	04100010 01 03	Rocky Ford	OH	73.53	3	4Ah	4A	3i
		04100010 01 04	Town of Rudolph-Middle Branch Portage River	OH	31.14	3	4Ah	1	0
	04100010 02 South Branch Portage River- Middle Branch Portage River	04100010 02 01	Bull Creek	OH	30.47	3	4Ah	1d	0
		04100010 02 02	East Branch Portage River	OH	36.15	1	4Ah	5	3i
		04100010 02 03	Town of Bloomdale-South Branch Portage River	OH	53.57	3i	4Ah	5	3i
		04100010 02 04	Rhodes Ditch-South Branch Portage River	OH	20.66	5	4Ah	1	0
		04100010 02 05	Cessna Ditch-Middle Branch Portage River	OH	25.44	3	4Ah	1	0
	04100010 03 Upper Portage River	04100010 03 01	North Branch Portage River	OH	64.41	5	4Ah	5	0
		04100010 03 02	Town of Pemberville-Portage River	OH	18.06	5h	4Ah	1	0
	04100010 04 Upper Portage River	04100010 04 01	Sugar Creek	OH	59.39	5h	4Ah	4A	0
		04100010 04 02	Larcarpe Creek Outlet #4-Portage River	OH	27.89	5h	4Ah	4A	0
	04100010 05 Lower Portage River-Frontal Lake Erie	04100010 05 01	Little Portage River	OH	32.63	5h	4Ah	4A	0
		04100010 05 02	Portage River	OH	48.86	5	4A	5	0
		04100010 05 03	Lacarbe Creek-Frontal Lake Erie	OH	40.3	3	3	3	0
	04100010 06 Toussaint Creek	04100010 06 01	Upper Toussaint Creek	OH	74	5h	5	4Ah	0

HUC 8	HUC 10	HUC 12	HUC 12 Name	States	Area (mi ²)	Human Health	Recreation	Aquatic Life	PDW Supply		
		04100010 06 02	Packer Creek	OH	34.49	5h	5	4Ah	0		
		04100010 06 03	Lower Toussaint Creek	OH	30.67	5	5	4Ah	0		
	04100010 07 Cedar Creek-Frontal Lake Erie	04100010 07 01	Turtle Creek-Frontal Lake Erie	OH	40.66	3	4A	4A	0		
		04100010 07 02	Crane Creek-Frontal Lake Erie	OH	56.48	3	4A	4A	0		
		04100010 07 03	Cedar Creek-Frontal Lake Erie	OH	58.05	3	4A	4A	0		
		04100010 07 04	Wolf Creek-Frontal Lake Erie	OH	15.16	3	1d	3i	0		
		04100010 07 05	Berger Ditch	OH	16.06	3	4A	4A	0		
		04100010 07 06	Otter Creek-Frontal Lake Erie	OH	18.13	3i	4A	4A	0		
		04100011 Sandusky	04100011 01 Mills Creek-Frontal Lake Erie	04100011 01 01	Sawmill Creek	OH	14.28	3	4Ah	1	0
				04100011 01 02	Pipe Creek-Frontal Sandusky Bay	OH	48.54	3	4Ah	4A	0
04100011 01 03	Mills Creek			OH	42.17	3i	5h	4A	3i		
04100011 02 Pickerel Creek-Frontal Sandusky Bay	04100011 02 01		Frontal South Side of Sandusky Bay	OH	43.42	3	4Ah	4A	0		
	04100011 02 02		Strong Creek	OH	15.87	3	4Ah	3	0		
	04100011 02 03		Pickerel Creek	OH	48.48	3i	4A	0	0		
	04100011 02 04		Raccoon Creek	OH	34.41	3i	4Ah	5	5		
	04100011 02 05		South Creek	OH	22	3	4Ah	0	0		
04100011 08 Honey Creek	04100011 08 05		Middle Honey Creek	OH	41.31	3	5h	4Ah	3i		

HUC 8	HUC 10	HUC 12	HUC 12 Name	States	Area (mi ²)	Human Health	Recreation	Aquatic Life	PDW Supply
		04100011 08 06	Lower Honey Creek	OH	35.56	3	5h	1ht	0
	04100011 09 Sycamore Creek-Sandusky River	04100011 09 04	Thorn Run-Sandusky River	OH	21.36	3	3	4Ah	0
		04100011 09 05	Mile Run-Sandusky River	OH	16.69	3	3	4Ah	0
	04100011 10 Wolf Creek	04100011 10 01	East Branch East Branch Wolf Creek	OH	21.9	3	4Ah	4A	0
		04100011 10 02	Town of New Riegel-East Branch Wolf Creek	OH	33.4	3	4Ah	4A	0
		04100011 10 03	Snuff Creek-East Branch Wolf Creek	OH	29.22	3	4Ah	1	0
		04100011 10 04	Wolf Creek	OH	73.45	3	4Ah	4A	0
	04100011 11 Rock Creek-Sandusky River	04100011 11 01	Rock Creek	OH	34.78	3	3	4Ah	0
		04100011 11 02	Morrison Creek	OH	20.34	3	3	4Ah	0
		04100011 11 03	Willow Creek-Sandusky River	OH	16.62	3	3	4Ah	0
		04100011 11 04	Sugar Creek	OH	13.52	3	3i	1	0
		04100011 11 05	Spicer Creek-Sandusky River	OH	30.86	3	3	4A	0
	04100011 12 Green Creek	04100011 12 01	Westerhouse Ditch	OH	20.68	3	4Ah	1	0
		04100011 12 02	Beaver Creek	OH	29.3	3i	4Ah	4A	5
		04100011 12 03	Green Creek	OH	30.78	1	5h	4A	5
	04100011 13 Muskellunge Creek-Sandusky River	04100011 13 01	Muskellunge Creek	OH	46.31	3i	4Ah	4A	0
		04100011 13 02	Indian Creek-Sandusky River	OH	37.59	3	4Ah	3i	0
		04100011 13 03	Mouth Sandusky River	OH	24.85	3	3	4A	0

HUC 8	HUC 10	HUC 12	HUC 12 Name	States	Area (mi ²)	Human Health	Recreation	Aquatic Life	PDW Supply
	04100011 14 Muddy Creek-Frontal Sandusky Bay	04100011 14 01	Gries Ditch	OH	13.93	3	4Ah	1	0
		04100011 14 02	Town of Helena-Muddy Creek	OH	45.21	3	4Ah	1	0
		04100011 14 03	Little Muddy Creek	OH	28.58	3	5h	4A	0
		04100011 14 04	Town of Lindsey-Muddy Creek	OH	24.12	5	4Ah	4A	0
		04100011 14 05	North Side Sandusky Bay Frontal	OH	26.53	3	3	3	0
04100012 Huron- Vermilion	04100012 05 Slate Run-West Branch Huron River	04100012 05 02	Slate Run	OH	31.01	3	5	4A	0
		04100012 05 03	Frink Run	OH	29.77	3	5	4A	1
		04100012 05 04	Seymour Creek	OH	16.2	3	5	4A	0
		04100012 05 05	Unnamed Creek "C"	OH	15.97	3	5	5d	0
	04100012 06 Huron River	04100012 06 06	Huron River- Frontal Lake Erie	OH	44.81	5	1t	1d	0

Table A-3: Monroe County, Michigan Watershed and Beneficial Use Assessments

10 Digit Watershed		12 Digit Watershed		Area (mi ²)	Aquatic Life Use Score	Recreation Use Score	Human Health Score	Drinking Water Score
04100001 02	Otter Creek-Frontal Lake Erie	04100001 02 01	Plum Creek	35.9	Insufficient Data	Insufficient Data	Not Supporting	No Data
		04100001 02 02	La Plaisance Creek-Frontal Lake Erie	20.0	No Data	Not Supporting	No Data	No Data
		04100001 02 03	Gray Drain-Otter Creek	53.1	Fully Supporting	No Data	No Data	No Data
		04100001 02 04	Otter Creek	15.5	Fully Supporting	No Data	No Data	No Data
		04100001 02 05	Little Lake Creek-Frontal Lake Erie	38.9	Fully Supporting	No Data	No Data	No Data
10 Digit Watershed Total Area				163.4				
04100001 03	Ottawa River-Frontal Lake Erie	04100001 03 01	Shantee Creek	15.8	No Data	No Data	No Data	No Data
		04100001 03 02	Halfway Creek	39.8	Not Supporting	Insufficient Data	Fully Supporting	No Data
		04100001 03 03	Prairie Ditch	18.6	No Data	No Data	No Data	No Data
		04100001 03 04	Headwaters Tenmile Creek	48.2	No Data	No Data	No Data	No Data
		04100001 03 05	North Tenmile Creek	40.4	Insufficient Data	No Data	No Data	No Data
		04100001 03 06	Tenmile Creek	14.9	No Data	No Data	No Data	No Data
		04100001 03 07	Heldman Ditch-Ottawa River	28.1	No Data	No Data	No Data	No Data
		04100001 03 08	Sibley Creek-Ottawa River	22.3	Insufficient Data	No Data	Not Supporting	No Data
		04100001 03 09	Detwiler Ditch-Frontal Lake Erie	7.4	No Data	No Data	No Data	No Data
10 Digit Watershed Total Area				235.7				