

Appendix A.

Waterbodies, Designated Uses, Impairments, and Assessment Sites

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Acronyms and Abbreviations

ALU	aquatic life use
CWH	coldwater habitat
H	headwaters stream
HELP	Huron Erie Lake Plain
HUC	hydrologic unit code
MHP	mobile home park
MWH	modified warmwater habitat
Ohio EPA	Ohio Environmental Protection Agency
RM	rivermile
W	wading stream
WWH	warmwater habitat
WWTP	wastewater treatment plant

A-1. Designated Uses in the Sandusky Basin

Table A-1. Designated uses for waterbodies in the Sandusky basin

Waterbody	ALU				Water supply		
	WWH	MWH	CWH	LRW	PWS	AWS	IWS
Muddy Creek	X					X	X
Little Muddy Creek	X					X	X
Fishing Creek	X					X	X
Gries Ditch	X					X	X
North Branch	X					X	X
South Branch	X					X	X
Sandusky River	see Table A-2						
Yellow Slough	X					X	X
Green Creek	X		X ^a			X	X
Flag Run	X					X	X
Beaver Creek	X				X ^b	X	X
Owl Creek	X					X	X
Emerson Creek	X					X	X
Royer Ditch	X					X	X
Westerhouse Ditch	X					X	X
Albright Ditch	X					X	X
Noel Ditch	X					X	X
Bark Creek	X					X	X
Muskellunge Creek	X					X	X
Indian Creek	X					X	X
Wolf Creek	X					X	X
East Branch	X					X	X
Snuff Creek	X					X	X
East Branch	X					X	X
Middle Branch	X					X	X
John Smith Ditch ^c				X		X	X
Michael Gruss Ditch ^c				X		X	X
Sugar Creek	X					X	X
Spicer Creek	X					X	X
Morrison Creek	X					X	X
Willow Creek	X					X	X
unnamed tributary ^c				X			
Rock Creek	X					X	X
East Branch	X					X	X
Armstrong and Beighly Ditch	X					X	X
Carpenter Ditch	X					X	X
Gibson Creek	X					X	X
Bells Run	X					X	X
Honey Creek	X	X ^d			X ^e	X	X
Buckeye Creek	X					X	X
Silver Creek	X					X	X
Slee Ditch	X					X	X
Eicholtz Ditch	X					X	X
Kagy Ditch	X					X	X
Bolinger Ditch	X					X	X
Hedden Ditch	X					X	X
Hooper Ditch	X					X	X
Schaaf Ditch	X					X	X

Waterbody	ALU				Water supply		
	WWH	MWH	CWH	LRW	PWS	AWS	IWS
Brokenknife Creek	X					X	X
Kibler Ditch ^c					X		X
unnamed tributary					X ^f		
Mile Run	X					X	X
Sycamore Creek	X					X	X
Greasy Run	X					X	X
Spring Creek	X					X	X
Taylor Run	X					X	X
Thorn Run	X					X	X
South Creek	X					X	X
Raccoon Creek	X				X ^g	X	X
Little Raccoon Creek	X					X	X
Buck Creek	X					X	X
Pickereel Creek	X					X	X
Strong Creek	X					X	X
Fuller Creek	X					X	X
Little Pickereel Creek			X			X	X
Cold Creek	X		X ^h			X	X
<i>tributaries dst of Blue Hole</i>			X			X	X
Mills Creek	X					X	X
Caswell Ditch	X					X	X
Snyder Ditch		X			X ^f	X	X
Pipe Creek	X					X	X
Plum Brook	X					X	X
Sawmill Creek	X					X	X

Source: OAC-3745-1-12.

Notes

The Sandusky River portion of the project area is the two LRAUs, from the mouth on Sandusky Bay to the confluence with Tymochtee Creek.

ALU = aquatic life use; AWS = agricultural water supply; CWH = coldwater habitat; dst = downstream; IWS = industrial water supply; LRW = limited resource water; MWH = modified warmwater habitat; PWS = public water supply; RM = rivermile; WWH = warmwater habitat.

Waterbodies discharging to Sandusky Bay are left justified. Tributaries are indented.

- a. Green Creek from the confluence with Beaver creek (RM 20.4) to State Route 20 (RM 10.1) is CWH.
- b. PWS at RM 2.88 at the intake for Clyde.
- c. Small drainageway maintenance.
- d. MWH from county route 19 (RM 19.1) to mouth
- e. PWS at RM 28.35 at the intake for Attica.
- f. PWS at RM 2.15 at the intake for New Washington.
- g. The PWS formerly applied at RM 13.1 at the intake for Clyde.
- h. Cold Creek from Blue Hole (RM 4.28) to the mouth is CWH.
- i. PWS at RMs 5.0 and 5.5 at the intakes for Bellevue.

Table A-2. Designated uses for the Sandusky River

Waterbody	ALU				Water supply		
	WWH	MWH	CWH	LRW	PWS	AWS	IWS
Sandusky River							
at RMs 18.02, 41.08, 82.9, 83.15 and 115.45	X				X	X	X
upstream Roger Young Memorial Park (RM 16.8) to Muskellunge Creek (RM 9.37)	X					X	X
Ella Street dam (RM 42.1) to RM 19.0 (upstream from Fremont)	X					X	X
RM 45.0 to Ella Street dam (RM 42.1)		X				X	X
headwaters to RM 45.0	X					X	X
all other segments	X					X	X

Source: OAC-3745-1-12.

Note: ALU = aquatic life use; AWS = agricultural water supply; IWS = industrial water supply; MWH = modified warmwater habitat; PCR = primary contact recreation; PWS = public water supply; RM = rivermile; SCR = secondary contact recreation; WWH = warmwater habitat.

A-2. Waterbodies in the Sandusky River and Bay Tributaries Project Area

Table A-3. WAUs tributary to Sandusky Bay and Lake Erie

HUC name	HUC (04100011)	Narrative description	Drainage area (sq. mi.)
Mill Creek-Frontal Lake Erie			
Sawmill Creek	01 01	Sawmill Creek	14.3
Pipe Creek-Frontal Sandusky Bay	01 02	Pipe Creek, Plum Brook & Heming Ditch (including incidental drainage to Bay and Lake Erie)	47.4
Mills Creek	01 03	Mills Creek	42.1
Pickereel Creek-Frontal Sandusky Bay			
Frontal south side of Sandusky Bay	02 01	minor tributaries draining to the south side of Sandusky Bay	43.4
Strong Creek	02 02	Strong Creek (including incidental Sandusky Bay drainage)	15.8
Pickereel Creek	02 03	Pickereel Creek (including incidental Sandusky Bay drainage)	48.4
Raccoon Creek	02 04	Raccoon Creek (including incidental Sandusky Bay drainage)	34.4
South Creek	02 05	South Creek	22.0
Muddy Creek-Frontal Sandusky Bay			
Gries Ditch	14 01	Fletchner and Gries Ditches to Muddy Creek	13.9
Town of Helena-Muddy Creek	14 02	Muddy Creek headwaters to above Gries Ditch	45.2
Little Muddy Creek	14 03	Little Muddy Creek	28.5
Town of Lindsey-Muddy Creek	14 04	Muddy Creek below Gries Ditch [except L. Muddy Cr.]	24.1
North Side Sandusky Bay Frontal	14 05	Drainage to north side of Sandusky Bay including Johnson Island	25.7

Notes

Drainage areas are rounded to the nearest one-tenth square mile.
HUC = hydrologic unit code; sq. mi. = square mile.

Table A-4. WAUs tributary to the Sandusky River (lower)

HUC name	HUC (04100011)	Narrative description	Drainage area (sq. mi.)
<i>Wolf Creek</i>			
East Branch of East Branch Wolf Creek	10 01	East Branch of East Branch Wolf Cr.	21.9
Town of New Riegel - East Branch Wolf Creek	10 02	East Branch of Wolf Creek headwaters to above E. Branch of E. Branch of Wolf Cr.	33.4
Snuff Creek - East Branch Wolf Creek	10 03	East Branch of Wolf Creek below E. Branch of E. Branch of Wolf Cr. to Sandusky R.	29.2
Wolf Creek	10 04	Wolf Creek [except E. Branch of Wolf Cr.]	73.4
<i>Rock Creek-Sandusky River</i>			
Rock Creek	11 01	Rock Creek	34.7
Morrison Creek	11 02	Morrison Creek	20.3
Willow Creek - Sandusky River	11 03	Sandusky River below Honey Cr. to above Morrison Cr. [except Rock Cr.]	16.6
Sugar Creek	11 04	Sugar Creek	13.5
Spicer Creek - Sandusky River	11 05	Sandusky River below Morrison Cr. to above Wolf Cr. [except Sugar Cr.]	30.8
<i>Green Creek</i>			
Westerhouse Ditch	12 01	Westerhouse Ditch	20.7
Beaver Creek	12 02	Beaver Creek headwaters to Green Cr. [except Westerhouse Ditch]	29.3
Green Creek	12 03	Green Creek below Beaver Cr. to Sandusky R.	30.7
<i>Muskellunge Creek-Sandusky River</i>			
Muskellunge Creek	13 01	Muskellunge Creek	46.3
Indian Creek - Sandusky River	13 02	Sandusky River below Wolf Cr. to above Muskellunge Cr.	37.5
mouth Sandusky River	13 03	Sandusky River from Muskellunge Cr. to Sandusky Bay	24.8

Notes

Drainage areas are rounded to the nearest one-tenth square mile.
HUC = hydrologic unit code; sq. mi. = square mile.

A-3. Impairments in the Sandusky River and Bay Project Area

Table A-5. ALU impairments to WAUs in *Mills Creek-Frontal Lake Erie (04100011 01)* and *Pickerel Creek-Frontal Sandusky Bay (04100011 02)*

WAU (04100011)	Cause(s) of impairment	Source(s) of impairment
<i>Mills Creek-Frontal Lake Erie</i>		
Pipe Creek-Frontal Sandusky Bay (01 02)	<ul style="list-style-type: none"> ▪ Sedimentation/siltation ▪ Other flow regime alterations 	<ul style="list-style-type: none"> ▪ Channelization ▪ Urban runoff/storm sewers
Mills Creek (01 03)	<ul style="list-style-type: none"> ▪ Phosphorus ▪ Organic enrichment (sewage) ▪ Nutrient/eutrophication ▪ Sedimentation/siltation ▪ Particle distribution (embeddedness) 	<ul style="list-style-type: none"> ▪ Municipal point source discharges ▪ Crop production with subsurface drainage ▪ Livestock (feeding or grazing operations) ▪ On-site treatment systems (septic systems and similar decentralized systems) ▪ Urban runoff/storm sewers ▪ Combined sewer overflows ▪ Loss of riparian habitat
<i>Pickerel Creek-Frontal Sandusky Bay</i>		
Frontal south side of Sandusky Bay (02 01)	<ul style="list-style-type: none"> ▪ Particle distribution (embeddedness) ▪ Sedimentation/siltation ▪ Natural conditions (flow or habitat) 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Natural sources
Pickerel Creek (02 03)	<ul style="list-style-type: none"> ▪ Particle distribution (embeddedness) ▪ Sedimentation/siltation 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Channel erosion/incision from upstream hydromodifications ▪ Streambank modification/destabilization
Raccoon Creek (02 04)	<ul style="list-style-type: none"> ▪ Phosphorus ▪ Organic enrichment (sewage) ▪ Nutrient/eutrophication ▪ Direct habitat alterations ▪ Sedimentation/siltation ▪ Particle distribution (embeddedness) ▪ Pesticides 	<ul style="list-style-type: none"> ▪ Combined sewer overflows ▪ Urban runoff/storm sewers ▪ Channelization ▪ Municipal point source discharges ▪ Crop production with subsurface drainage ▪ Specialty crop production
South Creek (02 05)	<ul style="list-style-type: none"> ▪ Phosphorus ▪ Organic enrichment (sewage) ▪ Nutrient/eutrophication ▪ Sedimentation/siltation ▪ Particle distribution (embeddedness) 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ On-site treatment systems (septic systems and similar decentralized systems) ▪ Livestock (feeding or grazing operations) ▪ Channelization

Source: Ohio EPA 2012a

Table A-6. ALU impairments to WAUs in Wolf Creek (04100011 10), Rock Creek-Sandusky River (04100011 11), Green Creek (04100011 12), Muskellunge Creek-Sandusky River (04100011 13), and Muddy Creek-Frontal Sandusky Bay (04100011 14)

WAU (04100011)	Cause(s) of impairment	Source(s) of impairment
Wolf Creek		
East Branch East Branch Wolf Creek (10 01)	<ul style="list-style-type: none"> ▪ Direct habitat alterations ▪ Nutrient/eutrophication ▪ Nitrate ▪ Phosphorus 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Unspecified urban stormwater
Town of New Riegel - East Branch Wolf Creek (10 02)	<ul style="list-style-type: none"> ▪ Nutrient/eutrophication ▪ Nitrate ▪ Phosphorus 	<ul style="list-style-type: none"> ▪ Package plant or other permitted small flows discharges ▪ Sewage discharges in un-sewered areas
Wolf Creek (10 04)	<ul style="list-style-type: none"> ▪ Direct habitat alterations ▪ Nitrate ▪ Nutrient/eutrophication 	<ul style="list-style-type: none"> ▪ Channelization ▪ Crop production with subsurface drainage
Rock Creek-Sandusky River		
Spicer Creek-Sandusky River (11 05)	<ul style="list-style-type: none"> ▪ Nutrient/eutrophication ▪ Organic enrichment (sewage) 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Manure runoff
Green Creek		
Beaver Creek (12 02)	<ul style="list-style-type: none"> ▪ Direct habitat alterations ▪ Sedimentation/siltation 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Channelization
Green Creek (12 03)	<ul style="list-style-type: none"> ▪ Sedimentation/siltation 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Channel erosion/incision from upstream hydromodifications
Muskellunge Creek-Sandusky River		
Muskellunge Creek (13 01)	<ul style="list-style-type: none"> ▪ Nutrient/eutrophication ▪ Phosphorus ▪ Sedimentation/siltation 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage
mouth Sandusky River (13 03)	<ul style="list-style-type: none"> ▪ Nutrient/eutrophication ▪ Particle distribution (embeddedness) ▪ Sedimentation/siltation ▪ Direct habitat alterations ▪ Phosphorus 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Sewage discharges in un-sewered areas ▪ Channelization
Muddy Creek-Frontal Sandusky Bay		
Little Muddy Creek (14 03)	<ul style="list-style-type: none"> ▪ Nitrate ▪ Nutrient/eutrophication ▪ Phosphorus ▪ Sedimentation/siltation 	<ul style="list-style-type: none"> ▪ Channelization ▪ Crop production with subsurface drainage
Town of Lindsey-Muddy Creek (14 04)	<ul style="list-style-type: none"> ▪ Direct habitat alterations ▪ Other flow regime alterations ▪ Phosphorus 	<ul style="list-style-type: none"> ▪ Channelization

Source: Ohio EPA 2012a

Table A-7. Impairments to the Sandusky River mainstem LRAUs

LRAU (04100011)	Cause(s) of impairment	Source(s) of impairment
<i>Aquatic Life Use</i>		
Sandusky River mainstem (Tymochtee Creek to Wolf Creek) (90 01)	<ul style="list-style-type: none"> ▪ Sedimentation 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage
Sandusky River mainstem (Wolf Creek to Sandusky Bay) (90 02)	<ul style="list-style-type: none"> ▪ Direct habitat alterations ▪ Nutrient/eutrophication ▪ Particle distribution (embeddedness) ▪ Sedimentation/siltation 	<ul style="list-style-type: none"> ▪ Crop production with subsurface drainage ▪ Dam or impoundment ▪ Municipal point source discharges
<i>Public Drinking Water Supply</i>		
Sandusky River mainstem (Wolf Creek to Sandusky Bay) (90 02)	<ul style="list-style-type: none"> ▪ Nitrate 	

Source: Ohio EPA 2012a

A-4. Ohio EPA Assessment Sites in the Sandusky River and Bay Tributaries Project Area

Table A-8. Ohio EPA sample sites in impaired WAUs in *Mills Creek-Frontal Lake Erie* (HUC 04100011 01)

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
<i>Pipe Creek-Frontal Sandusky Bay (HUC 04100011 01 02)</i>							
Pipe Creek	10.81	U05K18	just upstream of Turnpike at Harris Road	9.4	H	HELP	WWH
	8.18	U05K17	north of Bloomingville at Patton Tract Road	14.7	H	HELP	WWH
	6.70	U05K16	south of Sandusky at Shenk Road	18.4	H	HELP	WWH
	2.32	U05K15	at Sandusky at Columbus Avenue	22.8	W	HELP	WWH
Plum Brook	1.05	K01K20	east of Sandusky at Perkins Road	6.8	H	HELP	WWH
Taylor Ditch	2.64	U05K20	south of Sandusky at Bogart Road	1.5	H	HELP	WWH
	0.8	U05K19	at Sandusky at Dewitt Avenue	2.9	H	HELP	WWH
<i>Mills Creek (HUC 04100011 01 02)</i>							
Caswell Ditch	0.85	U05W37	at Bogart Road	3.9	H	HELP	WWH
Mills Creek	10.40	U05S07	west of Parkertown at Portland Road	21	W	HELP	WWH
	6.03	U05S06	southeast of Castalia at State Route 99	29	W	HELP	WWH
	5.20	U05P07	near Castalia at Bogart Road	29	W	HELP	WWH
	3.70	U05S18	south of Sandusky at Strub Road	35	W	HELP	WWH
	1.35	U05P05	at Sandusky at Perkins Avenue	41	W	HELP	WWH
Snyder Ditch	4.98	U05K13	at Bellevue, near reservoirs at railroad	1.5	H	HELP	MWH
	3.85	U05S11	upstream Bellevue WWTP at Goodrich Road	3.1	H	HELP	MWH
	2.46	U05S09	downstream Bellevue WWTP at Knauss Road	4.3	H	HELP	MWH

Table A-9. Ohio EPA sample sites in impaired WAUs in *Pickereel Creek-Frontal Lake Erie* (HUC 04100011 02)

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
<i>Frontal south side of Sandusky Bay (HUC 04100011 02 01)</i>							
Cold Creek	0.36	300670	at Bardshar Road	2.9	H	HELP	CWH
Little Pickereel Creek	2.00	201385	at Stocker Road	5.5	H	HELP	CWH
<i>Pickereel Creek (HUC 04100011 02 03)</i>							
Pickereel Creek	6.26	U05K10	at Reinicke Road (Township Road 244)	9.5	H	HELP	WWH
	3.35	U05S04	at Township Road 247	43.7	W	HELP	WWH
<i>Raccoon Creek (HUC 04100011 02 04)</i>							
Buck Run	0.20	U05S03	north of Clyde at Township Road 223	4.5	H	HELP	WWH
Raccoon Creek	13.26	U05S01	upstream of Clyde upstream of Limerick Road	9.9	H	HELP	WWH
	11.32	U05P04	at Clyde at U.S. Route 20	12.7	H	HELP	WWH
	11.03	U05W06	just upstream of Clyde WWTP outfall	13.2	H	HELP	WWH
	10.80	U05W08	at north end of landfill, 0.2 mile downstream of Clyde WWTP	13.3	H	HELP	WWH
	10.18	U05W10	north of Clyde at Township Road 223	13.8	H	HELP	WWH
	5.45	U05W17	downstream of Ohio Turnpike at Township Road 244	23.6	W	HELP	WWH
<i>South Creek (HUC 04100011 02 05)</i>							
South Creek	7.92	U05G01	at County Road 229	7.1	H	HELP	WWH
	4.04	U05K05	near Riley Center at Whitmore Road (Township Road 247)	18.1	H	HELP	WWH

Table A-10. Ohio EPA sample sites in impaired WAUs in Wolf Creek (HUC 04100011 10)

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
East Branch East Branch Wolf Creek (HUC 04100011 10 01)							
East Branch East Branch Wolf Creek	3.52	U04G13	at County Road 26	6.8	H	ECBP	WWH
	1.48	300682	at County Road 48 (Township Road 118)	9.7	H	ECBP	WWH
Middle Branch East Branch Wolf Creek	0.46	U04G14	at County Road 26	11.3	H	ECBP	WWH
Town of New Riegel-East Branch Wolf Creek (HUC 04100011 10 02)							
East Branch Wolf Creek	19.65	300673	at Meadowbrook Park	19.0	H	HELP	WWH
	13.63	U04G15	at Township Road 132	33.0	W	HELP	WWH
unnamed tributary at East Branch Wolf Creek RM 18.60	0.04	300681	at West Township Road 112	8.1	H	HELP	WWH
Wolf Creek (HUC 04100011 10 04)							
Harrison Creek	0.38	U04G11	east of Fostoria at County Road 592	13.1	H	HELP	WWH
Plum Run	0.79	U04G09	east of Fostoria at State Route 635	10.1	H	HELP	WWH
Wolf Creek	13.60	201336	0.2 mile upstream County Road 592	27.0	W	HELP	WWH
	5.15	U04S40	at Bettsville at State Route 12	66.0	W	HELP	WWH
	1.58	U04G07	at Township Line Road	71.8	W	HELP	WWH
	0.04	U04P04	near Fremont at State Route 53	158.0	W	HELP	WWH

Table A-11. Ohio EPA sample sites in impaired WAUs in Rock Creek-Sandusky River (HUC 04100011 11)

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
Spicer Creek-Sandusky River (HUC 04100011 11 05)							
Spicer Creek	0.80	U04Q11	north of Tiffin at County Road 33	12.3	H	ECBP	WWH

Table A-12. Ohio EPA sample sites in impaired WAUs in *Green Creek* (HUC 04100011 12)

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
<i>Beaver Creek (HUC 04100011 12 02)</i>							
Beaver Creek	4.00	U04K03	downstream Leafy Oaks MHP	20.9	W	HELP	CWH
	3.48	U04G25	at State Route 101	43.4	W	HELP	CWH
Emerson Creek	1.83	U04G26	at Township Road 179	22.0	W	HELP	WWH
Royer Ditch (Emerson Creek)	10.12	U04K08	at County Road 46	6.4	H	HELP	WWH
	6.85	U04K07	near Fireside at Ron Meyers Road	15.2	W	HELP	WWH
<i>Green Creek (HUC 04100011 12 03)</i>							
Green Creek	18.80	U04G24	at County Road 34	53.0	W	HELP	CWH
	12.85	U04S10	southeast of Fremont at Dewey Road	71.0	W	HELP	CWH
	9.08	U04G20	at County Road 229	74.0	W	HELP	WWH
	5.06	U04K01	northeast of Fremont at Township Road 239	78.3	W	HELP	WWH

Table A-13. Ohio EPA sample sites in impaired WAUs in *Muskellunge Creek-Sandusky River* (HUC 04100011 13)

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
<i>Muskellunge Creek (HUC 04100011 13 01)</i>							
Muskellunge Creek	24.44	300675	at Township Road 84	2.3	H	HELP	WWH
	16.70	300674	at State Route 635	17.7	H	HELP	WWH
	5.40	201332	near Fremont at Spieldenner Road	37.0	W	HELP	WWH
	1.23	U04P08	near Fremont at Fangboner Road	44.0	W	HELP	WWH
<i>Mouth Sandusky River (HUC 04100011 13 03)</i>							
Bark Creek	3.2	300671	Kelley Road (County Road 245)	10.0	H	HELP	WWH

Table A-14. Ohio EPA sample sites in impaired WAUs in *Muddy Creek-Frontal Sandusky Bay* (HUC 04100011 14)

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
<i>Little Muddy Creek (HUC 04100011 14 03)</i>							
Fishing Creek	0.20	300678	at Weickert Road	7.0	H	HELP	WWH
Little Muddy Creek	7.55	300677	at Booktown Road (West County Road 89)	12.4	H	HELP	WWH
	2.50	300676	at Kline Road	25.0	W	HELP	WWH
<i>Town of Lindsey-Muddy Creek (HUC 04100011 14 04)</i>							
Muddy Creek	18.68	U04S05	upstream of Lindsey at County Road 90	63	W	HELP	WWH
	9.79	U04S01	downstream of Lindsey at County Road 153	74	W	HELP	WWH
	1.23	U04Q13	east side of State Route 53	110	W	HELP	WWH

Table A-15. Ohio EPA sample sites on the Sandusky River mainstem

Waterbody	RM	Site ID	Site name	DA (sq. mi.)	Size	Level III ecoregion	ALU
Sandusky River mainstem from Tymochtee Creek Wolf Creek (04100011 90 01)							
Sandusky River	65.01	U03G01	south of McCutchensville, at County Road 16	655	LR	ECBP	WWH
	52.58	U03G02	at Walnut Grove Campground	770	LR	ECBP	WWH
	50.20	300548	--	772	LR	ECBP	WWH
	47.75	500830	downstream of Mexico, at Country Road 90	774	LR	ECBP	WWH
	42.92	500940	upstream of Tiffin, at U.S. Route 224	960	LR	ECBP	MWH
	41.84	U04S28	at Tiffin at Ella Street	964	LR	ECBP	WWH
	38.90	500920	downstream Tiffin WWTP, adjacent to Water Street	1,008	LR	ECBP	WWH
	38.50	U04S26	downstream Tiffin WWTP, adjacent to Center Road	1,028	LR	ECBP	WWH
	31.95	U04S25	at Fort Seneca at Township Road 143	1,046	LR	ECBP	WWH
26.94	U04T01	at Old Fort at County Road 51	1,067	LR	ECBP	WWH	
Sandusky River mainstem from Wolf Creek to Sandusky Bay (04100011 90 02)							
Sandusky River	23.00	U04Q06	upstream of Fremont, upstream of Wolf Creek	1,073	LR	HELP	WWH
	21.30	U04Q05	upstream of Fremont, adjacent to South River Road	1,238	LR	HELP	WWH
	20.25	500820	at Fremont	1,251	LR	HELP	WWH
	19.00	300830	upstream of Ballville Dam, adjacent to South River Road	1,255	LR	HELP	WWH
	18.05	U04T02	just upstream of Ballville Dam	1,255	LR	HELP	WWH
	17.70	U04S23	at Fremont at Tiffin Road	1,256	LR	HELP	WWH
	15.40	U04W11	at Fremont at State Street	1,260	LR	HELP	WWH
	12.96	500890	at Fremont at Township Road 549	1,264	LR	HELP	WWH
	4.70	U04S17	upstream of Wightman's Grove	1,330	LR	HELP	WWH
	1.00	201314	upstream of Yellow Swale	1,335	LR	HELP	WWH