

Ohio EPA 2004 Integrated Report Appendix D.2 Watershed Assessment Unit (WAU) Summaries

HUC11 **WAU Description** **WAU Size (mi²):** 97.3
05040001 100 Sugar Creek (headwaters to upstream Middle Fork)

Integrated Report Assessment Category: 5 **Priority Points:** 7
Next Scheduled Monitoring: 2012

Aquatic Life Use Assessment

Subcategories of ALU: WWH Sampling Year(s): 1998
Impairment: Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Small (Spatial)								
< 5 mi ²	1 Sites	0 Sites						
5-20 mi ²	7 Sites	4 Sites	53.5	7.2	39.3			
20-50 mi ²	2 Sites	1 Sites						
<hr/>						27	3	70
Large (Linear)								
50-500 mi ²	15.0 Miles	0.0 Miles	0.0	0.0	100.0			

High Magnitude Causes

Nutrients
Siltation
Organic Enrichment/DO
Other Habitat Alterations
Pathogens
Natural Limits (Wetlands)

High Magnitude Sources

Nonirrigated Crop Production Natural
Pasture Land
Feedlots (Confined Animal Feeding Oper.)
Animal Holding/Management Areas
Onsite Wastewater Systems (Septic Tanks)
Channelization - Agriculture
Removal of Riparian Vegetation - Ag.
Streambank Destabilization - Ag.

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: Yes Geometric Mean: 2881
No. Ambient Sites: 12 No. Ambient Sampling Records: 49 75th %ile: 13250
No. of NPDES MOR Sites: 1 No. of NPDES MOR Records: 23 90th %ile: 57000
Other:

Fish Consumption Advisory (FCA) Assessment

Waters Within the WAU Sampled and Assessed:
FCA Issued:
(See the 2004 Ohio FCA for more detailed information at "www.epa.state.oh.us/dsw/fishadvisory/index.html")
Impairment Due to FCA: Pollutant (Waterbody):

Comments

TMDLs for the aquatic life use impairment documented in the Sugar Creek watershed were approved by the U.S. EPA on November 20, 2002. Monitoring in support of TMDL development was conducted in 1998. The TMDL report is available at <http://www.epa.state.oh.us/dsw/tmdl/index.html>. The assessment unit remains in Category 5 due to the recreation use impairment.