

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

HUC11 **WAU Description** **WAU Size (mi²): 137.7**
 05040001 110 South Fork Sugar Creek

Integrated Report Assessment Category: 5 **Priority Points: 8**
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	14 Sites	0 Sites						
5-20 mi ²	15 Sites	2 Sites	3.4	47.6	49.0			
20-50 mi ²	4 Sites	0 Sites						
<hr/>						2	37	61
Large (Linear)								
50-500 mi ²	13.5 Miles	0.0 Miles	0.0	25.9	74.1			

High Magnitude Causes

Cause Unknown Other Habitat Alterations
 Iron Natural Limits (Wetlands)
 Unionized Ammonia
 Nutrients
 pH
 Siltation
 Organic Enrichment/DO
 Flow Alteration

High Magnitude Sources

Minor Industrial Point Source Streambank Destabilization - Ag.
 Nonirrigated Crop Production Natural
 Pasture Land Source Unknown
 Surface Mining
 Industrial Land Treatment
 Channelization - Agriculture
 Flow Regulation/ Modification - Ag.
 Removal of Riparian Vegetation - Ag.

Recreation Use Assessment

Subcategory of Use: Primary Contact
 Impairment: Yes Geometric Mean: 2432
 No. Ambient Sites: 19 No. Ambient Sampling Records: 60 75th %ile: 6970
 No. of NPDES MOR Sites: 3 No. of NPDES MOR Records: 60 90th %ile: 13940
 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.