

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>): 121.3**  
05040001 120              Sugar Creek (upstream Middle Fork to mouth); excluding South Fork

**Integrated Report Assessment Category: 5**    **Priority Points: 5**  
**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
<b>Small (Spatial)</b>								
< 5 mi <sup>2</sup>	7 Sites	3 Sites						
5-20 mi <sup>2</sup>	9 Sites	4 Sites	46.8	27.8	25.4			
20-50 mi <sup>2</sup>	2 Sites	1 Sites						
<hr/>						28	37	35
<b>Large (Linear)</b>								
50-500 mi <sup>2</sup>	19.5 Miles	2.0 Miles	10.3	46.1	43.6			

High Magnitude Causes

Unknown Toxicity  
Metals  
pH  
Siltation  
Other Habitat Alterations  
Natural Limits (Wetlands)

High Magnitude Sources

Major Industrial Point Source                      Streambank Destabilization - Ag.  
Nonirrigated Crop Production                      Natural  
Pasture Land  
Surface Mining  
Landfills  
Channelization - Agriculture  
Flow Reg./Mod. - Ag.  
Removal of Riparian Vegetation - Ag.

**Recreation Use Assessment**

Subcategory of Use: Primary Contact  
Impairment: Yes    Geometric Mean: 740  
No. Ambient Sites: 26                      No. Ambient Sampling Records: 71                      75<sup>th</sup> %ile: 2450  
No. of NPDES MOR Sites: 3                      No. of NPDES MOR Records: 64                      90<sup>th</sup> %ile: 6400  
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](http://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 USEPA on November 20, 2002. A TMDL to address the recreation use impairment still needs to be completed.