

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

HUC11 **WAU Description** **WAU Size (mi²):** 164.6
05090203 010 Mill Creek

Integrated Report Assessment Category: 5 **Priority Points: 6**
Next Scheduled Monitoring: 2012

Aquatic Life Use Assessment

Subcategories of ALU: WWH,MWH-C,LRW,LWH Sampling Year(s): 1997, 2002
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	4 Sites	2 Sites						
5-20 mi ²	5 Sites	2 Sites	22.5	0.0	77.5			
20-50 mi ²	7 Sites	0 Sites						
<hr/>						11	0	89
Large (Linear)								
50-500 mi ²	16.6 Miles	0.0 Miles	0.0	0.0	100.0			

High Magnitude Causes

Cause Unknown Taste and Odor
Unknown Toxicity
Unionized Ammonia
Nutrients
Organic Enrichment/DO
Flow Alteration
Other Habitat Alterations
Oil and Grease

High Magnitude Sources

Industrial Point Sources
Major Municipal Point Source
Combined Sewer Overflow
Urban Runoff/Storm Sewers (NPS)
Channelization - Development
Streambank Destabilization - Dev.

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: Yes Geometric Mean: 632
No. Ambient Sites: 15 No. Ambient Sampling Records: 88 75th %ile: 2100
No. of NPDES MOR Sites: 2 No. of NPDES MOR Records: 151 90th %ile: 6100
Other:

Fish Consumption Advisory (FCA) Assessment

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

Comments

Development of TMDLs for pollutants impairing beneficial uses in the Mill Creek watershed is underway. Monitoring in support of the TMDLs was conducted in 1997. Follow-up monitoring in the upper Mill Creek watershed was conducted in 2002.