

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

HUC11 **WAU Description** **WAU Size (mi²):** 179.3
05060001 070 Mill Creek

Integrated Report Assessment Category: 5 **Priority Points:** 8
Next Scheduled Monitoring: 2009

Aquatic Life Use Assessment

Subcategories of ALU: WWH,MWH-C,LRW Sampling Year(s): 1995, 2000, 2001
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	9 Sites	1 Sites						
5-20 mi ²	4 Sites	2 Sites	45.5	0.0	54.5			
20-50 mi ²	5 Sites	3 Sites						
<hr/>						48	19	33
Large (Linear)								
50-500 mi ²	39.4 Miles	20.2 Miles	51.3	37.0	11.7			

High Magnitude Causes

Unknown Toxicity
Pesticides
Metals
Unionized Ammonia
Organic Enrichment/DO
Flow Alteration
Other Habitat Alterations

High Magnitude Sources

Minor Industrial Point Source Source Unknown
Major Municipal Point Source
Industrial Land Treatment
Onsite Wastewater Systems (Septic Tanks)
Hazardous Waste
Channelization - Agriculture
Spills
Natural

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: Yes Geometric Mean: 1022
No. Ambient Sites: 3 No. Ambient Sampling Records: 59 75th %ile: 2642
No. of NPDES MOR Sites: 2 No. of NPDES MOR Records: 88 90th %ile: 7808
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 pollutants impairing the aquatic life beneficial use in the Mill Creek watershed were approved by the U.S. EPA on September 2, 2003. Monitoring in support of the TMDL was conducted in 1995, 2000, and 2001. 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.