

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

HUC11 **WAU Description** **WAU Size (mi²):** 165.5
 05090202 020 Little Miami River (upstream Massies Creek to downstream Beaver
 Creek)

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

Aquatic Life Use Assessment

Subcategories of ALU: EWH,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	2 Sites	1 Sites						
5-20 mi ²	11 Sites	6 Sites	47.6	21.4	31.0			
20-50 mi ²	7 Sites	3 Sites						
						59	19	22
Large (Linear)								
50-500 mi ²	16.9 Miles	12.0 Miles	71.0	16.0	13.0			

High Magnitude Causes

Cause Unknown Oil and Grease
 Unknown Toxicity Natural Limits (Wetlands)
 Metals
 Unionized Ammonia
 Nutrients
 Siltation
 Other Habitat Alterations
 Pathogens

High Magnitude Sources

Major Industrial Point Source Spills
 Major Municipal Point Source
 Nonirrigated Crop Production
 Pasture Land
 Urban Runoff/Storm Sewers (NPS)
 Onsite Wastewater Systems (Septic Tanks)
 Channelization - Agriculture
 Channelization - Development

Recreation Use Assessment

Subcategory of Use: Primary Contact
 Impairment: Yes Geometric Mean: 482
 No. Ambient Sites: 17 No. Ambient Sampling Records: 64 75th %ile: 1050
 No. of NPDES MOR Sites: 4 No. of NPDES MOR Records: 331 90th %ile: 3860
 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: No Pollutant (Waterbody):

Comments

A report developing TMDLs for pollutants impairing beneficial uses (aquatic life) in the upper Little Miami watershed (to and including the Caesar Creek watershed) was approved by U.S. EPA on July 2, 2002. Monitoring in support of these TMDLs 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.