

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

HUC11 **WAU Description** **WAU Size (mi²):** 129.6
05090202 010 Little Miami River (headwaters to upstream Massies Creek)

Integrated Report Assessment Category: 4A **Priority Points:**
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	3 Sites	1 Sites						
5-20 mi ²	8 Sites	5 Sites	74.0	9.4	16.6			
20-50 mi ²	3 Sites	3 Sites						
<hr/>						37	32	31
Large (Linear)								
50-500 mi ²	14.4 Miles	0.0 Miles	0.0	54.2	45.8			

High Magnitude Causes

Metals
Unionized Ammonia
Nutrients
Organic Enrichment/DO
Flow Alteration
Other Habitat Alterations
Pathogens

High Magnitude Sources

Minor Municipal Point Source
Nonirrigated Crop Production
Range Grazing - Riparian Manure Lagoons
Channelization - Agriculture
Removal of Riparian Vegetation - Ag.
Source Unknown

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: No Geometric Mean: 327
No. Ambient Sites: 17 No. Ambient Sampling Records: 76 75th %ile: 667
No. of NPDES MOR Sites: 3 No. of NPDES MOR Records: 70 90th %ile: 1700
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>.