

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

HUC11 **WAU Description** **WAU Size (mi²):** 151.0
05040001 010 Tuscarawas River (headwaters to downstream Wolf Creek)

Integrated Report Assessment Category: 5 **Priority Points:** 8
Next Scheduled Monitoring: 2004

Aquatic Life Use Assessment

Subcategories of ALU: WWH, MWH-C Sampling Year(s): 1993, 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	1 Sites	0 Sites						
5-20 mi ²	1 Sites	0 Sites	0.0	100.0	0.0			
20-50 mi ²	Sites	Sites						
<hr/>						0	70	30
Large (Linear)								
50-500 mi ²	6 Sites							
	5.4 Miles	0.0 Miles	0.0	40.7	59.3			

High Magnitude Causes

Unknown Toxicity
Siltation
Flow Alteration
Other Habitat Alterations

High Magnitude Sources

Urban Runoff/Storm Sewers (NPS)
Landfills
Channelization - Development
Dam Construction - Development

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: Yes Geometric Mean: 505
No. Ambient Sites: 20 No. Ambient Sampling Records: 45 75th %ile: 1100
No. of NPDES MOR Sites: 6 No. of NPDES MOR Records: 161 90th %ile: 2650
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 (Portage Canal/Ohio Canal, Lake Nesmith)
PCBs, hexachlorobenzene (Tuscarawas River)

Comments

Recent monitoring data collected in this watershed are from a limited number of Tuscarawas River mainstem sites collected in 2001 and sites from the lower portion of Wolf Creek and Hudson Run collected in 1993, all in the vicinity of Barberton. Results of biological sampling done on the Tuscarawas River mainstem in 2001 showed improvement in fish and macroinvertebrate communities compared to sampling at similar sites in 1993. Additional chemical, physical, and biological sampling was conducted in the assessment unit in 2003 and 2004 as part of monitoring in the Tuscarawas River watershed to develop TMDLs for pollutants causing beneficial use impairments.