

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

HUC11 **WAU Description** **WAU Size (mi²):** 139.9
 04110002 020 Cuyahoga River (downstream Black Brook to downstream Breakneck
 Creek)

Integrated Report Assessment Category: 5 **Priority Points:** 4
Next Scheduled Monitoring: 2005

Aquatic Life Use Assessment

Subcategories of ALU: WWH,MWH-C,LRW Sampling Year(s): 1996, 2000
 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	5 Sites						
5-20 mi ²	1 Sites	1 Sites	77.8	16.7	5.5			
20-50 mi ²	Sites	Sites						
<hr/>						80	16	4
Large (Linear)								
50-500 mi ²	33.2 Miles	27.5 Miles	82.8	14.4	2.8			

High Magnitude Causes

Unknown Toxicity
 Siltation
 Organic Enrichment/DO
 Flow Alteration
 Other Habitat Alterations
 Natural Limits (Wetlands)

High Magnitude Sources

Major Municipal Point Source
 Minor Municipal Point Source
 Nonirrigated Crop Production
 Channelization - Agriculture
 Channelization - Development
 Flow Reg./Mod. - Development
 Natural

Recreation Use Assessment

Subcategory of Use: Primary Contact
 Impairment: No Geometric Mean: 161
 No. Ambient Sites: 15 No. Ambient Sampling Records: 62 75th %ile: 470
 No. of NPDES MOR Sites: 5 No. of NPDES MOR Records: 384 90th %ile: 1145
 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): mercury (Cuyahoga River)

Comments

TMDLs for pollutants impairing the aquatic life beneficial use were approved for the middle Cuyahoga River basin by the U.S. EPA on October 11, 2000. Monitoring in support of the TMDL was conducted by the Ohio EPA in 1996 and 2000. The TMDL report is available at <http://www.epa.state.oh.us/dsw/tmdl/index.html>. Besides the historical aquatic life use impairment, the 2004 Integrated Report assessment of fish tissue data documented body burdens of one or more pollutants at levels exceeding the threshold level upon which Ohio Water Quality Standards human health criteria are based which resulted in listing as impaired for fish consumption.