

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

HUC11 **WAU Description** **WAU Size (mi²): 153.9**
 04110002 040 Cuyahoga River (downstream Little Cuyahoga River to downstream
 Brandywine Creek)

Integrated Report Assessment Category: 5 **Priority Points: 7**
Next Scheduled Monitoring: 2010

Aquatic Life Use Assessment

Subcategories of ALU: WWH 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	16 Sites	10 Sites						
5-20 mi ²	6 Sites	3 Sites	78.1	7.3	14.6			
20-50 mi ²	4 Sites	4 Sites						
<hr/>						39	38	23
Large (Linear)								
50-500 mi ²	18.1 Miles	0.0 Miles	0.0	68.5	31.5			

High Magnitude Causes

Unknown Toxicity
 Nutrients
 Organic Enrichment/DO
 Flow Alteration
 Other Habitat Aterations

High Magnitude Sources

Major Municipal Point Source
 Combined Sewer Overflows
 Land Development/Suburbanization
 Urban Runoff/Storm Sewers (NPS)

Recreation Use Assessment

Subcategory of Use: Primary Contact
 Impairment: Yes Geometric Mean: 944
 No. Ambient Sites: 25 No. Ambient Sampling Records: 81 75th %ile: 2100
 No. of NPDES MOR Sites: 4 No. of NPDES MOR Records: 396 90th %ile: 12400
 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 (Cuyahoga River)

Comments

A report developing TMDLs for pollutants impairing beneficial uses (aquatic life and recreation) in the lower Cuyahoga River basin including the Cuyahoga River mainstem reach was approved by U.S. EPA on September 26, 2003. Monitoring in support of the TMDLs was conducted in 1996, 1999, and 2000. The TMDL report is available at <http://www.epa.state.oh.us/dsw/tmdl/index.html>. Besides the historical aquatic life and recreation use impairments, 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.