

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>): 148.9**  
 04110002 010              Cuyahoga River (headwaters to downstream Black Brook)

**Integrated Report Assessment Category: 5**    **Priority Points: 3**  
**Next Scheduled Monitoring: 2010**

**Aquatic Life Use Assessment**

Subcategories of ALU:    WWH,LRW    Sampling Year(s):    1993, 1996, 2000  
 Impairment:    Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
<b>Small (Spatial)</b>								
< 5 mi <sup>2</sup>	10 Sites	5 Sites						
5-20 mi <sup>2</sup>	8 Sites	3 Sites	38.5	22.3	39.2			
20-50 mi <sup>2</sup>	3 Sites	1 Sites						
<hr/>						19	61	20
<b>Large (Linear)</b>								
50-500 mi <sup>2</sup>	12.0 Miles	0.0 Miles	0.0	100.0	0.0			

High Magnitude Causes

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

High Magnitude Sources

Pasture Land  
 Onsite Wastewater Systems (Septic Tanks)  
 Flow Reg./Mod. - Development  
 Natural

**Recreation Use Assessment**

Subcategory of Use: Primary Contact  
 Impairment: No    Geometric Mean: 303  
 No. Ambient Sites: 17                                      No. Ambient Sampling Records: 54                      75<sup>th</sup> %ile: 580  
 No. of NPDES MOR Sites: 2                              No. of NPDES MOR Records: 114                      90<sup>th</sup> %ile: 1100  
 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](http://www.epa.state.oh.us/dsw/fishadvisory/index.html)")  
 Impairment Due to FCA: Yes                      Pollutant (Waterbody): mercury (Cuyahoga River)

**Comments**

Development of TMDLs for pollutants impairing the aquatic life and recreation beneficial uses is in progress for the upper Cuyahoga River basin. Monitoring in support of the TMDLs was conducted in 1996 and 2000. Besides the historical aquatic life use and recreation 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.