

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>): 130.2**  
 05030106 040              Ohio River tributaries (downstream Short Creek to downstream Wheeling  
    Creek)

**Integrated Report Assessment Category: 5**    **Priority Points: 6**  
**Next Scheduled Monitoring: 2010**

**Aquatic Life Use Assessment**

Subcategories of ALU:    WWH,WWH-L,MWH-C    Sampling Year(s):    2002  
 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>	3 Sites	1 Sites						
5-20 mi <sup>2</sup>	Sites	Sites	33.4	33.3	33.3			
20-50 mi <sup>2</sup>	Sites	Sites						
<hr/>						17	66	17
<b>Large (Linear)</b>								
50-500 mi <sup>2</sup>	1.1 Miles	0.0 Miles	0.0	100.0	0.0			

<u>High Magnitude Causes</u>		<u>High Magnitude Sources</u>	
Siltation		Subsurface Mining	
Iron			

**Recreation Use Assessment**

Subcategory of Use: Primary Contact  
 Impairment: Yes    Geometric Mean: 105  
 No. Ambient Sites: 8                                      No. Ambient Sampling Records: 71                      75<sup>th</sup> %ile: 700  
 No. of NPDES MOR Sites: 5                      No. of NPDES MOR Records: 273                      90<sup>th</sup> %ile: 3000  
 Other:

**Fish Consumption Advisory (FCA) Assessment**

Waters Within the WAU Sampled and Assessed:  
 FCA Issued:  
 (See the 2004 Ohio FCA for more detailed information at "www.epa.state.oh.us/dsw/fishadvisory/index.html")  
 Impairment Due to FCA:                                      Pollutant (Waterbody):

**Comments**

Limited monitoring in the Wheeling Creek watershed was conducted in 2002. Sites were located in the Fall Run subwatershed and in Wheeling Creek bracketing Fall Run. Sampling was completed in collaboration with the Ohio Department of Natural Resources/Division of Mineral Resources Management and the Army Corps of Engineers/Pittsburgh District as part of an Acid Mine Drainage Abatement Program (AMDAP) project to mitigate acid seeps in the Fall Run subwatershed. A larger AMDAP project covering the entire Wheeling Creek basin (nearly all of which has been affected by subsurface mining) is being considered. A report on the 2002 survey is available at [www.epa.state.oh.us/dsw/document\\_index/psdindx.html](http://www.epa.state.oh.us/dsw/document_index/psdindx.html) (EAS/2002-12-9).