

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>):** 136.9  
 05090201 010              Ohio River tributaries (downstream 8-digit divide to upstream Ohio Brush  
    Creek)

**Integrated Report Assessment Category:** 4B    **Priority Points:**  
**Next Scheduled Monitoring:** 2011

### Aquatic Life Use Assessment

Subcategories of ALU: CWH,EWH,WWH    Sampling Year(s): 1997, 1999, 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>	Sites	Sites						
5-20 mi <sup>2</sup>	5 Sites	5 Sites	75.0	25.0	0.0			
20-50 mi <sup>2</sup>	2 Sites	1 Sites						
						75	25	0
<b>Large (Linear)</b>								
50-500 mi <sup>2</sup>	Miles	Miles						

#### High Magnitude Causes

Siltation

#### High Magnitude Sources

Land Development/Suburbanization

### Recreation Use Assessment

Subcategory of Use: Primary Contact  
 Impairment: Unknown    Geometric Mean:  
 No. Ambient Sites:    No. Ambient Sampling Records:    75<sup>th</sup> %ile:  
 No. of NPDES MOR Sites:    No. of NPDES MOR Records:    90<sup>th</sup> %ile:  
 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](http://www.epa.state.oh.us/dsw/fishadvisory/index.html)")  
 Impairment Due to FCA:    Pollutant (Waterbody):

### Comments

Aquatic life use impairment in this watershed was restricted to one sampling location in Turkey Creek, related to siltation from a temporary construction project in 1999. Sampling one year after the event (2000) revealed fish IBI scores exceeding the ecoregional biocriterion but MIwb scores falling just below expectations. Because the impact was of a transient nature and total recovery and full aquatic life use attainment in Turkey Creek were anticipated, the assessment unit was listed as Category 4B in the 2004 Integrated Report. The watershed is next scheduled for extensive monitoring in 2011.