

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>): 183.0**  
 05060001 110              Olentangy River (downstream Flat Run to downstream Delaware Run);  
 excluding Whetstone Creek

**Integrated Report Assessment Category: 5**    **Priority Points: 8**  
**Next Scheduled Monitoring: 2003**

### Aquatic Life Use Assessment

Subcategories of ALU:    WWH,LRW    Sampling Year(s):    1994, 1999  
 Impairment:    Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Small (Spatial)								
< 5 mi <sup>2</sup>	6 Sites	1 Sites						
5-20 mi <sup>2</sup>	9 Sites	1 Sites	13.9	41.7	44.4			
20-50 mi <sup>2</sup>	Sites	Sites						
						52	26	22
Large (Linear)								
50-500 mi <sup>2</sup>	23.0 Miles	20.5 Miles	89.1	10.9	0.0			

#### High Magnitude Causes

Pesticides  
 Priority Organics  
 Metals  
 Nutrients  
 Siltation  
 Organic Enrichment/DO  
 Other Habitat Alterations

#### High Magnitude Sources

Minor Municipal Point Source                      Streambank Destabilization - Ag.  
 Nonirrigated Crop Production  
 Land Development/Suburbanization  
 Sewer Line Construction  
 Urban Runoff/Storm Sewers (NPS)  
 Channelization - Agriculture  
 Channelization - Development  
 Removal of Riparian Vegetation - Ag.

### Recreation Use Assessment

Subcategory of Use: Primary Contact  
 Impairment: Yes    Geometric Mean: 412  
 No. Ambient Sites: 28                      No. Ambient Sampling Records: 155                      75<sup>th</sup> %ile: 1200  
 No. of NPDES MOR Sites: 1                      No. of NPDES MOR Records: 61                      90<sup>th</sup> %ile: 2700  
 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): PCBs (Olentangy River)

### Comments

Development of TMDLs for pollutants impairing beneficial uses is underway in the Olentangy River watershed. Monitoring in support of TMDL development was conducted in 2003 and 2004.