

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>):** 140.1  
05030101 090              Little Beaver Creek (downstream Middle and West Forks to mouth)

**Integrated Report Assessment Category:** 5    **Priority Points:** 4  
**Next Scheduled Monitoring:** 2008

**Aquatic Life Use Assessment**

Subcategories of ALU:    EWH,WWH,LRW    Sampling Year(s):    1999  
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>	9 Sites	5 Sites						
5-20 mi <sup>2</sup>	14 Sites	9 Sites	79.9	5.4	14.7			
20-50 mi <sup>2</sup>	1 Sites	1 Sites						
<b>Large (Linear)</b>						90	3	7
50-500 mi <sup>2</sup>	24.7 Miles	24.7 Miles	100.0	0.0	0.0			

High Magnitude Causes

Unionized Ammonia  
Nutrients  
Siltation  
Organic Enrichment/DO  
Flow Alteration  
Other Habitat Alterations  
Pathogens  
Natural Limits (Wetlands)

High Magnitude Sources

Major Industrial Point Source  
Combined Sewer Overflows  
Pasture Land  
Surface Mining  
Subsurface Mining  
Channelization - Development  
Removal of Riparian Vegetation - Development  
Natural

**Recreation Use Assessment**

Subcategory of Use: Primary Contact  
Impairment: No    Geometric Mean: 252  
No. Ambient Sites: 29                                      No. Ambient Sampling Records: 94                                      75<sup>th</sup> %ile: 500  
No. of NPDES MOR Sites: 2                                      No. of NPDES MOR Records: 75                                      90<sup>th</sup> %ile: 1000  
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 (Little Beaver Creek)

**Comments**

Development of TMDLs for pollutants impairing the aquatic life beneficial use in the Little Beaver Creek basin is in progress. Intensive monitoring in support of the TMDLs was conducted in the watershed in 1999.