

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>):** 124.0  
05060001 220              Big Darby Creek (downstream Little Darby Creek to mouth)

**Integrated Report Assessment Category:** 5    **Priority Points:** 9  
**Next Scheduled Monitoring:** 2011

**Aquatic Life Use Assessment**

Subcategories of ALU:    EWH,WWH,MWH-C    Sampling Year(s):    2001, 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>	14 Sites	7 Sites						
5-20 mi <sup>2</sup>	6 Sites	3 Sites	57.1	42.9	0.0			
20-50 mi <sup>2</sup>	7 Sites	4 Sites						
<hr/>						77	16	7
<b>Large (Linear)</b>								
50-500 mi <sup>2</sup>	34.1 Miles	34.1 Miles	100.0	0.0	0.0			

High Magnitude Causes

Nutrients  
Siltation  
Organic Enrichment/DO  
Flow Alteration  
Other Habitat Alterations  
Pathogens

High Magnitude Sources

Package Plants (Small Flows)  
Nonirrigated Crop Production  
Land Development/Suburbanization  
Urban Runoff/Storm Sewers (NPS)  
Onsite Wastewater Systems (Septic Tanks)  
Channelization - Agriculture  
Natural

**Recreation Use Assessment**

Subcategory of Use: Primary Contact  
Impairment: Yes    Geometric Mean: 273  
No. Ambient Sites: 26                                      No. Ambient Sampling Records: 220                                      75<sup>th</sup> %ile: 638  
No. of NPDES MOR Sites: 3                                      No. of NPDES MOR Records: 103                                      90<sup>th</sup> %ile: 2080  
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 (Big Darby Creek)

**Comments**

TMDLs for pollutants impairing beneficial uses are in progress for the Big Darby Creek basin. Monitoring in support of the TMDL was conducted in 2001 and 2002.