

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

**HUC11**                      **WAU Description**                                              **WAU Size (mi<sup>2</sup>):** 149.1  
05030101 070              Middle Fork Little Beaver Creek

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

### Aquatic Life Use Assessment

Subcategories of ALU:    EWH,WWH                                              Sampling Year(s):    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>	7 Sites	3 Sites						
5-20 mi <sup>2</sup>	13 Sites	8 Sites	36.1	23.8	40.1			
20-50 mi <sup>2</sup>	5 Sites	1 Sites						
<hr/>						46	34	20
Large (Linear)								
50-500 mi <sup>2</sup>	21.5 Miles	12.2 Miles	56.7	43.3	0.0			

#### High Magnitude Causes

Cause Unknown                      Oil and Grease  
Pesticides                              Natural Limits (Wetlands)  
Unionized Ammonia  
Nutrients  
Siltation  
Organic Enrichment/DO  
Salinity/TDS/Chlorides  
Other Habitat Alterations

#### High Magnitude Sources

Source Unknown                      Nonirrigated Crop Production  
Contaminated Sediments                      Surface Mining  
Major Municipal Point Source                      Channelization - Ag.  
Removal of Riparian Veg. - Ag.                      Channelization - Devel.  
Confined Animal Feeding Operations (NPS) Spills  
Pasture Land  
Onsite Wastewater Systems (Septic Tanks)  
Urban Runoff/Storm Sewers (NPS)

### Recreation Use Assessment

Subcategory of Use: Primary Contact

Impairment: Yes

No. Ambient Sites: 30

No. Ambient Sampling Records: 65

Geometric Mean: 256

75<sup>th</sup> %ile: 660

No. of NPDES MOR Sites: 2

No. of NPDES MOR Records: 185

90<sup>th</sup> %ile: 2000

Other: A "Dermal Contact Advisory" is in effect for Middle Fork Little Beaver Creek due to Mirex contamination. The area under the advisory is from Alternate St. Rt. 14 at Allen Rd. near Salem to St. Rt. 11 south of Lisbon.

### 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 (Middle Fork 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.