

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

HUC11 **WAU Description** **WAU Size (mi²):** 189.6
05060001 130 Big Walnut Creek (headwaters to Hoover Dam)

Integrated Report Assessment Category: 5 **Priority Points: 7**
Next Scheduled Monitoring: 2010

Aquatic Life Use Assessment

Subcategories of ALU: WWH Sampling Year(s): 2000
Impairment: Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Small (Spatial)								
< 5 mi ²	16 Sites	5 Sites						
5-20 mi ²	15 Sites	7 Sites	36.2	8.0	55.8			
20-50 mi ²	3 Sites	1 Sites						
<hr/>						68	4	28
Large (Linear)								
50-500 mi ²	8.4 Miles	8.4 Miles	100.0	0.0	0.0			

High Magnitude Causes

- Cause Unknown
- Unionized Ammonia
- Nutrients
- Siltation
- Organic Enrichment/DO
- Flow Alteration
- Other Habitat Alterations

High Magnitude Sources

- Nonirrigated Crop Production
- Land Development/Suburbanization
- Urban Runoff/Storm Sewers (NPS)
- Onsite Wastewater Systems (Septic Tanks)
- Septage Disposal
- Hydromodification - Agriculture
- Source Unknown

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: Yes Geometric Mean: 476
No. Ambient Sites: 43 No. Ambient Sampling Records: 205 75th %ile: 1114
No. of NPDES MOR Sites: 1 No. of NPDES MOR Records: 26 90th %ile: 2900
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")
Impairment Due to FCA: Pollutant (Waterbody):

Comments

TMDLs for pollutants impairing beneficial uses are in progress for the Big Walnut Creek watershed. Monitoring in support of the TMDL was conducted in 2000. The 2000 Big Walnut Creek basin report (EAS/2003-11-10) is available at http://www.epa.state.oh.us/dsw/document_index/psdindx.html.