

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

HUC11 **WAU Description** **WAU Size (mi²):** 99.7
05060001 160 Big Walnut Creek (Alum Creek to mouth); Alum Creek (downstream Alum
Creek Dam to mouth)

Integrated Report Assessment Category: 5 **Priority Points: 8**
Next Scheduled Monitoring: 2010

Aquatic Life Use Assessment

Subcategories of ALU: EWH,WWH,LRW 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	2 Sites	0 Sites						
5-20 mi ²	1 Sites	0 Sites	0.0	100.0	0.0			
20-50 mi ²	Sites	Sites						
<hr/>						44	56	0
Large (Linear)								
50-500 mi ²	18.3 Miles	8.0 Miles	43.5	56.5	0.0			

High Magnitude Causes

Cause Unknown
Siltation
Organic Enrichment/DO
Flow Alteration
Other Habitat Alterations

High Magnitude Sources

Combined Sewer Overflows
Land Development/Suburbanization
Urban Runoff/Storm Sewers (NPS)
Channelization - Development
Habitat Modifications o/than Hydromod.

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: Yes Geometric Mean: 519
No. Ambient Sites: 16 No. Ambient Sampling Records: 73 75th %ile: 981
No. of NPDES MOR Sites: 2 No. of NPDES MOR Records: 76 90th %ile: 5567
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.