

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

HUC11	WAU Description	WAU Size (mi²): 121.8
05060001 150	Alum Creek (headwaters to Alum Creek Dam)	

Integrated Report Assessment Category: 5	Priority Points: 8
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	2 Sites	1 Sites						
5-20 mi ²	8 Sites	2 Sites	37.5	43.8	18.7			
20-50 mi ²	2 Sites	1 Sites						
						69	22	9
Large (Linear)								
50-500 mi ²	1.6 Miles	1.6 Miles	100.0	0.0	0.0			

High Magnitude Causes

Cause Unknown
Nutrients
Flow Alteration
Other Habitat Alterations

High Magnitude Sources

Nonirrigated Crop Production
Natural
Source Unknown

Recreation Use Assessment

Subcategory of Use: Primary Contact

Impairment: Yes

No. Ambient Sites: 17

No. Ambient Sampling Records: 87

No. of NPDES MOR Sites: 1

No. of NPDES MOR Records: 24

Geometric Mean: 507

75th %ile: 1109

90th %ile: 2700

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.