

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

HUC11 **WAU Description** **WAU Size (mi²): 163.4**
 05040005 020 Wills Creek (headwaters to upstream Leatherwood Creek); excluding
 Seneca Fork

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

Aquatic Life Use Assessment

Subcategories of ALU: WWH,LRW,LWH Sampling Year(s): 1994, 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 ²	Sites	Sites						
5-20 mi ²	8 Sites	0 Sites	0.0	37.5	62.5			
20-50 mi ²	Sites	Sites						
<hr/>						0	39	61
Large (Linear)								
50-500 mi ²	15.2 Miles	0.0 Miles	0.0	41.4	58.6			

High Magnitude Causes

Metals
 Unionized Ammonia
 Siltation
 Other Habitat Alterations

High Magnitude Sources

Surface Mining
 Onsite Wastewater Systems (Septic Tanks)
 Hazardous Waste
 Natural

Recreation Use Assessment

Subcategory of Use: Primary Contact
 Impairment: Yes Geometric Mean: 860
 No. Ambient Sites: 6 No. Ambient Sampling Records: 18 75th %ile: 2775
 No. of NPDES MOR Sites: 1 No. of NPDES MOR Records: 18 90th %ile: 7678
 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

Only biological reference sites have been sampled since 1987. However, mining impacts are so severe (sedimentation) that the mainstem and several of the headwaters tributaries are still representative of the majority of the basin.