

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

HUC11 **WAU Description** **WAU Size (mi²):** 150.1
05030202 090 Leading Creek

Integrated Report Assessment Category: 5 **Priority Points: 1**
Next Scheduled Monitoring: 2009

Aquatic Life Use Assessment

Subcategories of ALU: WWH Sampling Year(s): 1993-1996,
Impairment: Yes 1998-2002

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Small (Spatial)								
< 5 mi ²	6 Sites	4 Sites						
5-20 mi ²	Sites	Sites	33.3	0.0	66.7			
20-50 mi ²	3 Sites	0 Sites						
<hr/>						17	29	54
Large (Linear)								
50-500 mi ²	13.0 Miles	0.0 Miles	0.0	58.5	41.5			

High Magnitude Causes

Cause Unknown
pH
Siltation
Salinity/TDS/Chlorides
Other Habitat Alterations

High Magnitude Sources

Minor Industrial Point Source
Nonirrigated Crop Production
Pasture Land
Surface Mining
Subsurface Mining
Channelization - Development
Source Unknown

Recreation Use Assessment

Subcategory of Use: Primary Contact
Impairment: Unknown Geometric Mean:
No. Ambient Sites: No. Ambient Sampling Records: 75th %ile:
No. of NPDES MOR Sites: No. of NPDES MOR Records: 90th %ile:
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

Extensive sampling has been done since 1993 to monitor the recovery of Leading Creek and Parker Run following a major release of acidic mine water. Other principal streams sampled included Malloons Run, Little Leading Creek, Thomas Fork, and Little Parker Run.