

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>): 112.4**  
 05090202 140              Little Miami River (downstream O'Bannon Creek to mouth); excluding  
    East Fork LMR and LMR mainstem

**Integrated Report Assessment Category: 5**    **Priority Points: 1**  
**Next Scheduled Monitoring: 2007**

**Aquatic Life Use Assessment**

Subcategories of ALU:    WWH,LRW    Sampling Year(s):    1994, 1998, 2002  
 Impairment:    Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
<b>Small (Spatial)</b>								
< 5 mi <sup>2</sup>	1 Sites	0 Sites						
5-20 mi <sup>2</sup>	3 Sites	0 Sites	0.0	50.0	50.0			
20-50 mi <sup>2</sup>	2 Sites	0 Sites						
<hr/>						0	50	50
<b>Large (Linear)</b>								
50-500 mi <sup>2</sup>	Sites							
	Miles	Miles						

High Magnitude Causes

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

High Magnitude Sources

Minor Industrial Point Source  
 Major Municipal Point Source  
 Combined Sewer Overflows  
 Sewer Line Construction  
 Other Urban Runoff  
 Dredging - Development  
 Streambank Destabilization - Dev.

**Recreation Use Assessment**

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

Dry Run, East Branch Polk Run, and an unnamed tributary to Sycamore Creek were included on the 1998 303(d) list based on data collected in 1991. Since these data are no longer current (i.e., more than 10 years old), reassessment of current conditions is warranted. However, recognizing the continued pervasive impacts related to sewer line construction within stream channels, retaining the assessment unit in Category 5 is appropriate. Limited additional data collected in 1994 and 1998 from other Little Miami tributaries were used to supplement the assessment of this AU.