

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

**HUC11**                      **WAU Description**    **WAU Size (mi<sup>2</sup>):** 136.2  
05030201 110              East Fork Duck Creek

**Integrated Report Assessment Category:** 4A    **Priority Points:**  
**Next Scheduled Monitoring:** 2010

**Aquatic Life Use Assessment**

Subcategories of ALU:    WWH,LWH    Sampling Year(s):    1998, 2000  
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>	39 Sites	27 Sites						
5-20 mi <sup>2</sup>	7 Sites	4 Sites	56.6	24.1	19.3			
20-50 mi <sup>2</sup>	4 Sites	2 Sites						
<hr/>						72	18	10
<b>Large (Linear)</b>								
50-500 mi <sup>2</sup>	14.5 Miles	12.8 Miles	88.0	12.0	0.0			

High Magnitude Causes

Cause Unknown  
Metals  
Siltation  
Organic Enrichment/DO  
Flow Alteration  
Other Habitat Alterations  
Suspended Solids  
Total Toxics

High Magnitude Sources

Pasture Land  
Highway/Road/Bridge/Sewer Line  
Urban Runoff/Storm Sewers (NPS)  
Surface Mining  
Acid Mine Drainage  
Onsite Wastewater Systems (Septic Tanks)  
Bridge Construction  
Source Unknown

**Recreation Use Assessment**

Subcategory of Use: Primary Contact  
Impairment: No    Geometric Mean: 127  
No. of Ambient Sites: 21                              No. of Ambient Sampling Records: 124                      75<sup>th</sup> %ile: 393  
No. of NPDES MOR Sites: 0                      No. of NPDES MOR Records: 0                      90<sup>th</sup> %ile: 990  
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](http://www.epa.state.oh.us/dsw/fishadvisory/index.html)")  
Impairment Due to FCA:                              Pollutant (Waterbody):

**Comments**

TMDLs for pollutants impairing the aquatic life beneficial use in the Duck Creek watershed were approved by the U.S. EPA on September 23, 2003. Monitoring in support of the TMDL was conducted in 2000. The TMDL report is available at <http://www.epa.state.oh.us/dsw/tmdl/index.html>.