

**Ohio EPA 2002 Integrated Report Appendix C  
Assessment Unit (AU) Summaries**

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05040001 010	Tuscarawas River (headwaters to downstream Wolf Creek)	151.0

**Aquatic Life Use Assessment**

Sampling Year(s): 1993

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,MWH-C

# Sites Sampled:	<u>&lt;5</u>	<u>5-20</u>	<u>20-50</u>	<u>&gt;50</u>
	1	1	1	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	50.0	50.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	47.1	52.9

AU Score (relative amount of attainment)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.00	0.49	0.51

Weighted AU Score (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.0	73.2	77.8

High Magnitude Causes

Unknown Toxicity  
Siltation  
Flow Alteration  
Other Habitat Alterations

High Magnitude Sources

Urban Runoff/Storm Sewers (NPS)  
Landfills  
Channelization - Development  
Dam Construction - Development

**Recreation Use Assessment**

# of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion

>5000 colonies/100 ml. fecal coliform bacteria:

>576 colonies/100 ml. E. coli bacteria):

# Sites in AU w/ Bacteria Violations: 0

Total # Bacteria Sites in AU: 1

Other:

Impairment? Indeterminate

**Fish Consumption Assessment**

A "One Meal per Month" Fish Consumption Advisory is in effect for the Tuscarawas River (Channel Catfish, Smallmouth Bass, Yellow Bullhead). The area under the advisory is from St. Rt. 619 (Turkeyfoot Rd.) in Barberton to St. Rt. 416 (South Broadway St.) in New Philadelphia. Additionally, a "One Meal Every 2 Months" advisory (Carp), and a "One Meal per Week" advisory (Largemouth Bass, Rock Bass) are in effect for the same stretch of the river.

**Integrated Report Assessment Category: 5      Priority: 2      Scheduled Monitoring: 2003**

Most of the recent data collected in this watershed are from the Tuscarawas River mainstem and the lower portion of Wolf Creek.