

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
04100009 020	South Turkeyfoot Creek	149.1

**Aquatic Life Use Assessment**

Sampling Year(s): 1997

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	<5	5-20	20-50	>50
	0	4	1	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	37.5	62.5
Large Streams/Rivers (sites w/>50 mi2 drainage):	24.4	26.8	48.8

AU Score  
(relative amount of attainment)

Weighted AU Score  
(relative amount of attainment weighted by AU size)

<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.12	0.32	0.56

<u>Full</u>	<u>Partial</u>	<u>Non</u>
18.2	47.9	83.0

High Magnitude Causes

High Magnitude Sources

Siltation  
Flow Alteration  
Other Habitat Alterations

Nonirrigated Crop Production  
Channelization - Agriculture  
Removal of Riparian Vegetation - Ag.  
Streambank Destabilization - Ag.

**Recreation Use Assessment**

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

>5000 colonies/100 ml. fecal coliform bacteria: 8

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

# Sites in AU w/ Bacteria Violations: 5

Total # Bacteria Sites in AU: 8

Other:

Impairment? Yes

**Fish Consumption Assessment**

**Integrated Report Assessment Category: 5**

**Priority: 8**

**Scheduled Monitoring: 2011**