

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05040006 010	North Fork Licking River (headwaters to downstream Sycamore Creek)	111.4

**Aquatic Life Use Assessment**

Sampling Year(s): 1993, 1998-2001

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	<u>&lt;5</u>	<u>5-20</u>	<u>20-50</u>	<u>&gt;50</u>
	4	8	5	1

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	36.2	38.8	25.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	100.0	0.0	0.0

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>
0.68	0.19	0.13

<u>Full</u>	<u>Partial</u>	<u>Non</u>
75.9	21.6	13.9

High Magnitude Causes

High Magnitude Sources

Nutrients  
Siltation  
Other Habitat Alterations

Nonirrigated Crop Production  
Confined Animal Feeding Operation (NPS)  
Channelization - Agriculture  
Removal of Riparian Vegetation - Ag.  
Natural

**Recreation Use Assessment**

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

>5000 colonies/100 ml. fecal coliform bacteria: 2

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

# Sites in AU w/ Bacteria Violations: 2

Total # Bacteria Sites in AU: 7

Other:

Impairment? Indeterminate

**Fish Consumption Assessment**

**Integrated Report Assessment Category: 5      Priority: 3      Scheduled Monitoring: 2007**

Most of the recent data (1999-2001) are from Otter Fork, related to a large confined animal feeding operation (CAFO). Two biological reference sites have also been sampled.