

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05090202 110	East Fork Little Miami River (upstream Solomon Run to upstream Cloverlick Creek)	116.7

**Aquatic Life Use Assessment**

Sampling Year(s): 1996, 1997, 1998

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH

# Sites Sampled:	<u>&lt;5</u>	<u>5-20</u>	<u>20-50</u>	<u>&gt;50</u>
	4	2	0	8

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):	4.2	95.8	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>
0.02	0.67	0.31

<u>Full</u>	<u>Partial</u>	<u>Non</u>
2.5	77.8	36.4

High Magnitude Causes

High Magnitude Sources

Cause Unknown  
Nutrients  
Siltation  
Organic Enrichment/DO

Nonirrigated Crop Production  
Onsite Wastewater Systems (Septic Tanks)  
Source Unknown

**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:

Total # Bacteria Sites in AU: 0

Other:

Impairment? Unknown

**Fish Consumption Assessment**

A "One Meal per Month" Fish Consumption Advisory is in effect for the East Fork Little Miami River (Channel Catfish, Flathead Catfish, Rock Bass, Smallmouth Bass, Spotted Bass). The area under the advisory includes the entire length of the river.

**Integrated Report Assessment Category: 5**

**Priority: 3**

**Scheduled Monitoring: 2012**