

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

HUC11	AU Description	AU Size (mi2)
05090202 100	East Fork Little Miami River (headwaters to upstream Solomon Run)	140.8

Aquatic Life Use Assessment

Sampling Year(s): 1998

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH

# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
	1	3	3	2

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	16.7	58.3	25.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	50.0	50.0	0.0

AU Score (relative amount of attainment)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.33	0.54	0.13

Weighted AU Score (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
47.0	76.2	17.6

High Magnitude Causes

Cause Unknown
Nutrients
Siltation

High Magnitude Sources

Nonirrigated Crop Production
Surface Mining
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