

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

HUC11	AU Description	AU Size (mi2)
05080001 030	Great Miami River (upst. Cherokee Mans Run to downstream Bokengehalas Cr.); excluding Muchinippi Cr.	149.7

Aquatic Life Use Assessment

Sampling Year(s): 1994 Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH	# Sites Sampled:	<5	5-20	20-50	>50
		3	5	3	4

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	43.3	31.7	25.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	66.3	33.7	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>
0.55	0.33	0.12

<u>Full</u>	<u>Partial</u>	<u>Non</u>
82.0	49.0	18.7

High Magnitude Causes

High Magnitude Sources

Siltation
Organic Enrichment/DO
Other Habitat Alterations

Minor Municipal Point Source
Nonirrigated Crop Production
Urban Runoff/ Storm Sewer (NPS)
Channelization - Agriculture
Habitat Modification o/than Hydromod.

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 Great Miami River (Largemouth Bass, Rock bass, Smallmouth Bass, White Bass). The area under the advisory includes the entire length of the river. Additionally, a "One Meal per Week" advisory (Saugeye) is in effect.

Integrated Report Assessment Category: 5

Priority: 5

Scheduled Monitoring: 2008