

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

HUC11	AU Description	AU Size (mi2)
05080001 040	Great Miami River (downstream Bokengehalas Creek to downstream Plum Creek)	145.6

Aquatic Life Use Assessment

Sampling Year(s): 1994

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH

# Sites Sampled:	<5	5-20	20-50	>50
	0	2	0	5

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	100.0	0.0	0.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	96.0	4.0	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>
0.98	0.02	0.00

<u>Full</u>	<u>Partial</u>	<u>Non</u>
142.7	2.9	0.0

High Magnitude Causes

High Magnitude Sources

Flow Alteration

Upstream Impoundment
Flow Reg./Mod. - Development

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: 4

Scheduled Monitoring: 2008