

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

HUC11	AU Description	AU Size (mi2)
05080002 010	Great Miami River (downstream Mad River to upstream Bear Creek); excluding GMR 143.7 mainstem	

Aquatic Life Use Assessment

Sampling Year(s): 1995, 1997, 2001

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

# Sites Sampled:	<5	5-20	20-50	>50
	3	4	2	9

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	20.8	39.6	39.6
Large Streams/Rivers (sites w/>50 mi2 drainage):	61.3	31.1	7.6

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>
0.41	0.35	0.24

<u>Full</u>	<u>Partial</u>	<u>Non</u>
59.1	50.7	33.9

High Magnitude Causes

High Magnitude Sources

Pesticides
Priority Organics
Other Inorganics
Nutrients
Siltation
Flow Alteration
Other Habitat Alterations
Oil and Grease

Major Industrial Point Source
Municipal Point Source
Highway/Roads/Bridge/Sewer Line
Urban Runoff/Storm Sewers (NPS)
Highway Maintenance and Runoff
Contaminated Sediments
Spills

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

Integrated Report Assessment Category: 5

Priority: 3

Scheduled Monitoring: 2009