

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

HUC11	AU Description	AU Size (mi2)
05080001 150	Mad River (headwaters to downstream Kings Creek)	134.7

Aquatic Life Use Assessment

Sampling Year(s): 1991, 1994

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): CWH

# Sites Sampled:	<5	5-20	20-50	>50
	1	6	3	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	41.7	16.7	41.6
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	16.6	83.4

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>
0.21	0.17	0.62

<u>Full</u>	<u>Partial</u>	<u>Non</u>
28.0	22.4	84.3

High Magnitude Causes

High Magnitude Sources

Flow Alteration
Other Habitat Alterations

Channelization - Agriculture
Habitat Modifications 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

Integrated Report Assessment Category: 5

Priority: 1

Scheduled Monitoring: 2003