

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

HUC11	AU Description	AU Size (mi2)
04100006 020	Bean Creek (downstream Lime Creek (Michigan) to downstream Mill Creek)	105.3

Aquatic Life Use Assessment

Sampling Year(s): 1992, 1997

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,MWH-C

# Sites Sampled:	<5	5-20	20-50	>50
	0	2	4	2

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	37.5	62.5
Large Streams/Rivers (sites w/>50 mi2 drainage):	100.0	0.0	0.0

AU Score (relative amount of attainment)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.50	0.19	0.31

Weighted AU Score (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
52.6	19.8	32.9

High Magnitude Causes

Unknown Toxicity
Nutrients
Siltation
Organic Enrichment/DO
Other Habitat Alterations

High Magnitude Sources

Minor Municipal Point Source
Combined Sewer Overflows
Nonirrigated Crop Production
Feedlots (Confined Animal Feeding Oper.)
Channelization - Ag.
Removal of Riparian Vegetation - Ag.
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: 0

>576 colonies/100 ml. E. coli bacteria):

Sites in AU w/ Bacteria Violations: 0

Total # Bacteria Sites in AU: 5

Other:

Impairment? Indeterminate

Fish Consumption Assessment

Integrated Report Assessment Category: 5

Priority: 3

Scheduled Monitoring: 2006