

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05120101 020	Beaver Creek (Grand Lake St. Marys and tributaries)	112.5

**Aquatic Life Use Assessment**

Sampling Year(s): 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	<5	5-20	20-50	>50
	2	11	0	0

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	27.3	72.7
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	0.0	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>
0.00	0.27	0.73

<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.0	30.7	81.8

High Magnitude Causes

High Magnitude Sources

Other Habitat Alterations

Nonirrigated Crop Production  
Confined Animal Feeding Operations (NPS)  
Channelization - Agriculture  
Removal of Riparian Vegetation - Ag.  
Streambank Destabilization - Ag.

**Recreation Use Assessment**

# of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion

>5000 colonies/100 ml. fecal coliform bacteria: 9

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

# Sites in AU w/ Bacteria Violations: 7

Total # Bacteria Sites in AU: 10

Other:

Impairment? Yes

**Fish Consumption Assessment**

**Integrated Report Assessment Category: 5      Priority: 8      Scheduled Monitoring: 2010**

Monitoring to characterize physical, chemical, and biological condition of the Beaver Creek watershed was incorporated in the Wabash River basin intensive survey conducted in 1999.