

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

HUC11	AU Description	AU Size (mi2)
04100004 020	St. Mary's River (downstream Sixmile Creek to downstream Twelvemile Creek)	117.0

Aquatic Life Use Assessment

Sampling Year(s): 1991, 1999

Sampling Site Size Distribution (mi2)

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

Sites Sampled:

<5	5-20	20-50	>50
0	2	1	2

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	0.0	100.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	47.1	52.9

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	0.23	0.77

<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.0	27.6	89.4

High Magnitude Causes

High Magnitude Sources

Siltation
Other Habitat Alterations

Nonirrigated Crop Production
Channelization - Agriculture

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 St. Mary's River (Freshwater Drum, Northern Pike, Saugeye). The area under the advisory includes the entire length of the river.

Integrated Report Assessment Category: 5 Priority: 2 Scheduled Monitoring: 2010

Biological data from the St. Marys River mainstem are all from 1991 and earlier. Recent fish tissue and sediment data were collected between 1995-1999. The only recent biological data in the watershed are from one reference site (Twelvemile Creek) in 1996/1999.