

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

HUC11	AU Description	AU Size (mi2)
05080001 100	Stillwater River (upstream Swamp Creek to upstream Greenville Creek)	121.4

Aquatic Life Use Assessment

Sampling Year(s): 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH,MWH-C	# Sites Sampled:	<5	5-20	20-50	>50
		8	13	3	7

Impairment? Yes

% Attainment

		<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):		19.3	52.5	28.2
Large Streams/Rivers (sites w/>50 mi2 drainage):		63.4	27.5	9.1

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	0.40	0.19

<u>Full</u>	<u>Partial</u>	<u>Non</u>
50.1	48.6	22.7

High Magnitude Causes

High Magnitude Sources

Other Inorganics
Nutrients
Siltation
Organic Enrichment/DO
Other Habitat Alterations

Combined Sewer Overflows
Nonirrigated Crop Productions
Confined Animals Feeding Oper. (NPS)
Septage Disposal
Channelization - Agriculture
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: 8

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

Sites in AU w/ Bacteria Violations: 7

Total # Bacteria Sites in AU: 25

Other:

Impairment? Yes

Fish Consumption Assessment

A "One Meal a Month" Fish Consumption Advisory is in effect for the Stillwater River (channel catfish, smallmouth bass) due to Mercury contamination. The area under the advisory includes the entire length of the river.

Integrated Report Assessment Category: 5 Priority: 12 Scheduled Monitoring: 2009

A TMDL is in progress for the Stillwater River basin. Monitoring in support of the TMDL was conducted in 1999.