

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05080001 090	Stillwater River (headwaters to upstream Swamp Creek)	115.0

**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
		14	11	3	6

Impairment? Yes

% Attainment

		<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):		56.1	9.1	34.8
Large Streams/Rivers (sites w/>50 mi2 drainage):		69.3	18.4	12.3

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>
0.63	0.14	0.23

<u>Full</u>	<u>Partial</u>	<u>Non</u>
72.1	15.8	27.1

High Magnitude Causes

High Magnitude Sources

Nutrients  
Organic Enrichment/DO  
Other Habitat Alterations

Nonirrigated Crop Production  
Confined Animal Feeding Oper. (NPS)  
Onsite Wastewater Systems (Septic Tanks)  
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: 1

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

# Sites in AU w/ Bacteria Violations: 1

Total # Bacteria Sites in AU: 20

Other:

Impairment? Indeterminate

**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: 4      Scheduled Monitoring: 2009**

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