

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

HUC11	AU Description	AU Size (mi2)
05080001 140	Stillwater River (upstream Ludlow Creek to mouth); excluding Stillwater R. mainstem	148.0

Aquatic Life Use Assessment

Sampling Year(s): 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH

# Sites Sampled:	<5	5-20	20-50	>50
	4	6	5	10

Impairment? Yes

% Attainment

	Full	Partial	Non
Small Streams (sites w/<50 mi2 drainage):	83.3	8.3	8.4
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	0.0	0.0

AU Score (relative amount of attainment)		
Full	Partial	Non
0.83	0.08	0.09

Weighted AU Score (relative amount of attainment weighted by AU size)		
Full	Partial	Non
123.3	12.3	12.4

High Magnitude Causes

Unionized Ammonia
Nutrients
Organic Enrichment/DO
Other Habitat Alterations

High Magnitude Sources

Major Industrial Point Source Spills
Nonirrigated Crop Production
Urban Runoff/Storm Sewers (NPS)
Onsite Wastewater Systems (Septic Tanks)
Septage Disposal
Channelization - Agriculture
Channelization - Development

Recreation Use Assessment

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

>5000 colonies/100 ml. fecal coliform bacteria: 5

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

Sites in AU w/ Bacteria Violations: 5

Total # Bacteria Sites in AU: 19

Other:

Impairment? Yes

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 9 Scheduled Monitoring: 2009

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