

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

HUC11	AU Description	AU Size (mi2)
05090202 050	Caesar Creek (excluding Anderson Fork)	147.9

Aquatic Life Use Assessment

Sampling Year(s): 1998

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH

# Sites Sampled:	<5	5-20	20-50	>50
	1	2	1	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	75.0	25.0	0.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	79.7	9.2	11.1

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>
0.77	0.17	0.06

<u>Full</u>	<u>Partial</u>	<u>Non</u>
114.4	25.4	8.1

High Magnitude Causes

High Magnitude Sources

Cause Unknown
Nutrients
Siltation
Organic Enrichment/DO
Pathogens

Nonirrigated Crop Production
Feedlots (Confined Animal Feeding Oper.)
Land Development/Suburbanization
Onsite Wastewater Systems (Septic Tanks)
Source Unknown

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: 12

Other:

Impairment? Indeterminate

Fish Consumption Assessment

Integrated Report Assessment Category: 4A Priority: Scheduled Monitoring: 2012

A TMDL was completed and approved by the USEPA in 2002. Monitoring in support of the TMDL was conducted in 1998.