

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

Small Streams (sites w/<50 mi2 drainage):

Large Streams/Rivers (sites w/>50 mi2 drainage):

Full	Partial	Non
75.0	25.0	0.0
79.7	9.2	11.1

AU Score
(relative amount of attainment)

Full	Partial	Non
0.77	0.17	0.06

Weighted AU Score
(relative amount of attainment weighted by AU size)

Full	Partial	Non
114.4	25.4	8.1

High Magnitude Causes

Cause Unknown
Nutrients
Siltation
Organic Enrichment/DO
Pathogens

High Magnitude Sources

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.