

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

HUC11	AU Description	AU Size (mi2)
05030101 080	West Fork Little Beaver Creek	111.2

Aquatic Life Use Assessment

Sampling Year(s): 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH

# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
	4	5	3	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	53.8	25.0	21.2
Large Streams/Rivers (sites w/>50 mi2 drainage):	46.0	54.0	0.0

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>
0.50	0.39	0.11

<u>Full</u>	<u>Partial</u>	<u>Non</u>
55.5	43.9	11.8

High Magnitude Causes

High Magnitude Sources

Cause Unknown
Siltation
Flow Alteration
Natural Limits (Wetlands)

Pasture Land
Channelization - Agriculture
Channelization - Development
Upstream Impoundment
Removal of Riparian Vegetation - Ag.
Natural
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: 2

>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: 5 Priority: 5 Scheduled Monitoring: 2008

Development of a TMDL for the Little Beaver Creek basin will begin in 2003. Intensive monitoring in support of the TMDL was conducted in the watershed in 1999.