

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

HUC11	AU Description	AU Size (mi2)
05030101 070	Middle Fork Little Beaver Creek	149.1

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>
	7	13	5	8

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	36.1	23.8	40.1
Large Streams/Rivers (sites w/>50 mi2 drainage):	56.7	43.3	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>
0.46	0.34	0.20

<u>Full</u>	<u>Partial</u>	<u>Non</u>
69.2	50.1	29.8

High Magnitude Causes

High Magnitude Sources

Cause Unknown Oil and Grease
Pesticides Natural Limits (Wetlands)
Unionized Ammonia
Nutrients
Siltation
Organic Enrichment/DO
Salinity/TDS/Chlorides
Other Habitat Alterations

Major Municipal Point Source Channelization- Development
Nonirrigated Crop Production Removal of Riparian Veg. - Ag.
Pasture Land Spills
Confined Animal Feeding Operations (NPS) Source Unknown
Urban Runoff/ Storm Sewers (NPS)
Surface Mining
Onsite Wastewater Systems (Septic Tanks)
Channelization - Ag.

Recreation Use Assessment

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

>5000 colonies/100 ml. fecal coliform bacteria: 4

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

Sites in AU w/ Bacteria Violations: 3

Total # Bacteria Sites in AU: 34

Other: A "Dermal Contact Advisory" is in effect for Middle Fork Little Beaver Creek due to Mirex contamination. The area under the advisory is from Alternate St. Rt. 14 at Allen Rd. near Salem to St. Rt. 11 south of Lisbon.

Impairment? Yes

Fish Consumption Assessment

A "Do Not Eat" Fish Consumption Advisory is in effect for Middle Fork Little Beaver Creek (all species) due to Mirex contamination. The area under the advisory is from Alternate St. Rt. 14 at Allen Rd. near Salem to St. Rt. 11 south of Lisbon.

Integrated Report Assessment Category: 5 Priority: 12 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.