

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

HUC11	AU Description	AU Size (mi2)
05030201 090	Little Muskingum River (headwaters to upstream Clear Fork)	148.9

Aquatic Life Use Assessment

Sampling Year(s): 2000

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	10	3	5

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	100.0	0.0	0.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	87.4	8.4	4.2

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>
0.94	0.04	0.02

<u>Full</u>	<u>Partial</u>	<u>Non</u>
139.5	6.3	3.1

High Magnitude Causes

High Magnitude Sources

Siltation

Nonirrigated Crop Production
Pasture Land

Recreation Use Assessment

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

>5000 colonies/100 ml. fecal coliform bacteria:

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

Sites in AU w/ Bacteria Violations: 0

Total # Bacteria Sites in AU: 1

Other:

Impairment? Indeterminate

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 4 Scheduled Monitoring: 2010

An intensive biological and water quality survey was conducted in the Little Muskingum River watershed in 2000.