

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:

<5	5-20	20-50	>50
7	10	3	5

Impairment? Yes

% Attainment

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

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

Full	Partial	Non
100.0	0.0	0.0
87.4	8.4	4.2

AU Score
(relative amount of attainment)

Full	Partial	Non
0.94	0.04	0.02

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

Full	Partial	Non
139.5	6.3	3.1

High Magnitude Causes

Siltation

High Magnitude Sources

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.