

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

HUC11	AU Description	AU Size (mi2)
05120103 010	Mississinewa River (headwaters to downstream Mud Creek [IN])	30.3

Aquatic Life Use Assessment

Sampling Year(s): 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,MWH-C

# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
	3	2	1	0

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	62.5	37.5	0.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	0.0	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>
0.63	0.37	0.00

<u>Full</u>	<u>Partial</u>	<u>Non</u>
18.9	11.4	0.0

High Magnitude Causes

Other Habitat Alterations

High Magnitude Sources

Nonirrigated Crop Production
Confined Animal Feeding Operations (NPS)
Channelization - Agriculture
Removal of Riparian Vegetation - Ag.
Streambank Destabilization - 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: 3

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

Sites in AU w/ Bacteria Violations: 2

Total # Bacteria Sites in AU: 6

Other:

Impairment? Indeterminate

Fish Consumption Assessment

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

This is a very small watershed within Ohio. Monitoring to characterize physical, chemical, and biological condition was incorporated in the Wabash River basin intensive survey conducted in 1999.