

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05040004 110	Muskingum River (downstream Meigs Creek to upstream Big Run); excluding Muskingum R. mainstem	104.2

**Aquatic Life Use Assessment**

Sampling Year(s):		<u>Sampling Site Size Distribution (mi2)</u>			
		<5	5-20	20-50	>50
Aquatic Life Use(s): EWH,WWH,LWH	# Sites Sampled:	0	0	0	0

Impairment? Unknown		<u>% Attainment</u>		
		Full	Partial	Non
Small Streams (sites w/<50 mi2 drainage):		0.0	0.0	0.0
Large Streams/Rivers (sites w/>50 mi2 drainage):		0.0	0.0	0.0

<u>AU Score</u> (relative amount of attainment)			<u>Weighted AU Score</u> (relative amount of attainment weighted by AU size)		
Full	Partial	Non	Full	Partial	Non
0.00	0.00	0.00	0.0	0.0	0.0

High Magnitude Causes

High Magnitude Sources

**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: 3      Priority:      Scheduled Monitoring: 2008**

A small amount of data were collected in this watershed, but there are not enough sampling locations to do a complete assessment. One reference site on Olive Green Creek near the mouth was sampled in 1999. Three sites were sampled in the headwaters in 1998 related to a 401 mining project. None of these sites achieve the inferred EWH Aquatic Life Use designation. A use attainability analysis is necessary before impairment can be determined.