

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

HUC11	AU Description	AU Size (mi2)
05030103 010	Mahoning River (headwaters to downstream Beech Creek)	129.2

Aquatic Life Use Assessment

Sampling Year(s): 1994

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
	0	1	0	4

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):	22.4	0.0	77.6

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>
0.61	0.00	0.39

<u>Full</u>	<u>Partial</u>	<u>Non</u>
79.1	0.0	50.1

High Magnitude Causes

High Magnitude Sources

Cause Unknown
Metals

Minor Industrial Point Source
Minor Municipal Point Source
Spills
Contaminated Sediments
Source Unknown

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:

Total # Bacteria Sites in AU: 0

Other:

Impairment? Unknown

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 3 Scheduled Monitoring: 2008

A TMDL for bacteria will be prepared by the USEPA for the Mahoning River mainstem (Duck Creek to the Shenango River) in 2003.