

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

HUC11	AU Description	AU Size (mi2)
05030204 060	Monday Creek	116.0

Aquatic Life Use Assessment

Sampling Year(s): 1990, 1995, 1997

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
	11	4	5	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	24.5	0.0	75.5
Large Streams/Rivers (sites w/>50 mi2 drainage):	37.9	0.0	62.1

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>
0.31	0.00	0.69

<u>Full</u>	<u>Partial</u>	<u>Non</u>
36.2	0.0	79.8

High Magnitude Causes

High Magnitude Sources

Metals
pH
Siltation
Flow Alteration

Nonirrigated Crop Production
Surface Mining
Acid Mine Drainage
Natural

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: 1 Scheduled Monitoring: 2009

A TMDL, in collaboration with an ODNR AMDAP project, is in progress for the Monday Creek watershed. Monitoring in support of the TMDL/AMDAP projects was conducted by the Ohio EPA in 2001.