

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

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

Impairment? Yes

% Attainment

	Full	Partial	Non
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)

Full	Partial	Non
0.31	0.00	0.69

Full	Partial	Non
36.2	0.0	79.8

High Magnitude Causes

Metals
pH
Siltation
Flow Alteration

High Magnitude Sources

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.