

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

HUC11	AU Description	AU Size (mi2)
05090101 020	Raccoon Creek (headwaters to upstream Hewett Fork)	135.5

Aquatic Life Use Assessment

Sampling Year(s): 1995, 1996, 2000

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH,LRW

# Sites Sampled:	7	5	3	4
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Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	5.0	28.8	66.2
Large Streams/Rivers (sites w/>50 mi2 drainage):	46.9	53.1	0.0

AU Score (relative amount of attainment)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.25	0.41	0.34

Weighted AU Score (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
35.1	55.6	44.8

High Magnitude Causes

Metals
Zinc
Iron
Aluminum
Other Metal
pH
Siltation
Other Habitat Alterations

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 is in progress for the upper Raccoon Creek basin. Monitoring in support of the TMDL was conducted in 1995 and 2000.