

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05090101 040	Raccoon Creek (downstream Elk Fork to upstream Little Raccoon Creek)	95.0

**Aquatic Life Use Assessment**

Sampling Year(s): 1995, 1998

Sampling Site Size Distribution (mi2)

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

# Sites Sampled:

<5	5-20	20-50	>50
6	5	0	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	45.0	26.7	28.3
Large Streams/Rivers (sites w/>50 mi2 drainage):	20.5	79.5	0.0

<u>AU Score</u> (relative amount of attainment)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.33	0.53	0.14

<u>Weighted AU Score</u> (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
31.2	50.4	13.4

High Magnitude Causes

Metals  
Zinc  
Iron  
Other Metals  
pH  
Siltation  
Flow Alteration  
Natural Limits (Wetlands)

High Magnitude Sources

Nonirrigated Crop Production  
Mining  
Acid Mine Drainage  
Natural  
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: 2      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.