

# 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:

<5	5-20	20-50	>50
7	5	3	4

Impairment? Yes

% Attainment

Small Streams (sites w/<50 mi2 drainage):

Large Streams/Rivers (sites w/>50 mi2 drainage):

Full	Partial	Non
5.0	28.8	66.2
46.9	53.1	0.0

AU Score  
(relative amount of attainment)

Full	Partial	Non
0.25	0.41	0.34

Weighted AU Score  
(relative amount of attainment weighted by AU size)

Full	Partial	Non
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.