

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05040006 030	Raccoon Creek	101.7

**Aquatic Life Use Assessment**

Sampling Year(s): 1993, 1999, 2000

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW-S

# Sites Sampled:	<u>&lt;5</u>	<u>5-20</u>	<u>20-50</u>	<u>&gt;50</u>
	5	11	3	5

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	44.8	30.7	24.5
Large Streams/Rivers (sites w/>50 mi2 drainage):	62.5	37.5	0.0

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>
0.54	0.34	0.12

<u>Full</u>	<u>Partial</u>	<u>Non</u>
54.5	34.7	12.5

High Magnitude Causes

High Magnitude Sources

Nutrients  
Siltation  
Organic Enrichment/DO  
Flow Alteration  
Other Habitat Alterations

Nonirrigated Crop Production  
Confined Animal Feeding Operation (NPS)  
Land Development/Suburbanization  
Channelization - Agriculture  
Removal of Riparian Vegetation - Ag.  
Spills  
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: 0

Total # Bacteria Sites in AU: 3

Other:

Impairment? Indeterminate

**Fish Consumption Assessment**

**Integrated Report Assessment Category: 5      Priority: 4      Scheduled Monitoring: 2007**

All of the sampling done from 1998-2001 was related to spills and manure spreading associated with a large confined animal feeding operation (CAFO). Sampling was done to monitor the recovery of Raccoon Creek and Lobdell Creek after major fish kills occurred in 1999.