

Ohio EPA 2002 Integrated Report Appendix C

Assessment Unit (AU) Summaries

HUC11	AU Description	AU Size (mi2)
05090101 030	Raccoon Creek (upstream Hewett Fork to downstream Elk Fork)	155.0

Aquatic Life Use Assessment

Sampling Year(s): 1995, 2000

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

	<5	5-20	20-50	>50
# Sites Sampled:	12	9	3	4

Impairment? Yes

% Attainment

	Full	Partial	Non
Small Streams (sites w/<50 mi2 drainage):	26.4	51.4	22.2
Large Streams/Rivers (sites w/>50 mi2 drainage):	52.9	47.1	0.0

AU Score
(relative amount of attainment)

Full	Partial	Non
0.40	0.49	0.11

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

Full	Partial	Non
61.5	76.3	17.2

High Magnitude Causes

Cause Unknown Salinity /TDS/ Chlorides
Metals Oil and Grease
Zinc
Iron
Other Metals
Nutrients
pH
Siltation

High Magnitude Sources

Minor Industrial Point Source
Surface Mining
Subsurface Mining
Petroleum Activities
Acid Mine Drainage
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: 4 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.