

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

HUC11	AU Description	AU Size (mi2)
04110001 060	West Branch Rocky River	190.2

Aquatic Life Use Assessment

Sampling Year(s): 1997

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
	3	5	1	7

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	60.0	10.0	30.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	71.9	28.1	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>
0.66	0.19	0.15

<u>Full</u>	<u>Partial</u>	<u>Non</u>
125.6	36.1	28.5

High Magnitude Causes

High Magnitude Sources

Unknown Toxicity
Unionized Ammonia
Nutrients
Siltation
Organic Enrichment/DO
Other Habitat Alterations

Municipal Point Source
Land Development/Suburbanization
Urban Runoff/Storm Sewers (NPS)
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: 15

>576 colonies/100 ml. E. coli bacteria):

Sites in AU w/ Bacteria Violations: 8

Total # Bacteria Sites in AU: 9

Other:

Impairment? Yes

Fish Consumption Assessment

A "One Meal per Month" Fish Consumption Advisory is in effect for the West Branch Rocky River (Rock Bass, Smallmouth Bass). The area under the advisory includes the entire length of the river.

Integrated Report Assessment Category: 5 Priority: 11 Scheduled Monitoring: 2006

A TMDL was partially approved for the Rocky River basin in 2001. Monitoring in support of the TMDL was conducted in 1997. Follow-up monitoring was conducted in 2001.