

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
04110001 070	Rocky River; East Branch Rocky R.; Lake Erie tributaries (West of Porter Cr. to West 139.8 of Cuyahoga R.)	

**Aquatic Life Use Assessment**

Sampling Year(s): 1997

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	6	12	2	18
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Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	37.5	39.6	22.9
Large Streams/Rivers (sites w/>50 mi2 drainage):	57.7	35.7	6.6

AU Score (relative amount of attainment)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.48	0.37	0.15

Weighted AU Score (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
66.5	52.6	20.7

High Magnitude Causes

Unionized Ammonia  
Chlorine  
Nutrients  
Siltation  
Organic Enrichment/DO  
Flow Alteration  
Other Habitat Alterations

High Magnitude Sources

Municipal Point Source  
Highway/Road/Bridge/Sewer Line  
Land Development/Suburbanization  
Urban Runoff/Storm Sewers (NPS)  
Channelization - Development  
Flow Reg./Mod. - Development  
Streambank Destabilization - Development  
Marinas

**Recreation Use Assessment**

# of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion

>5000 colonies/100 ml. fecal coliform bacteria: 31

>576 colonies/100 ml. E. coli bacteria): 2

# Sites in AU w/ Bacteria Violations: 16

Total # Bacteria Sites in AU: 18

Other:

Impairment? Yes

**Fish Consumption Assessment**

**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.