

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

HUC11	AU Description	AU Size (mi2)
04110002 050	Cuyahoga River (downstream Brandywine Cr. to downstream Tinkers Cr.); excluding Cuyahoga R. mainstem	138.1

Aquatic Life Use Assessment

Sampling Year(s): 2000

Aquatic Life Use(s): WWH,MWH-C,LRW # Sites Sampled:

Sampling Site Size Distribution (mi2)			
<5	5-20	20-50	>50
12	8	0	5

Impairment? Yes

	% Attainment		
	Full	Partial	Non
Small Streams (sites w/<50 mi2 drainage):	39.6	18.8	41.6
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	35.6	64.4

AU Score (relative amount of attainment)		
Full	Partial	Non
0.20	0.27	0.53

Weighted AU Score (relative amount of attainment weighted by AU size)		
Full	Partial	Non
27.3	37.6	73.2

High Magnitude Causes

- Cause Unknown
- Nutrients
- Organic Enrichment/DO
- Flow Alteration
- Other Habitat Alterations
- Oil and Grease
- Natural Limits (Wetlands)

High Magnitude Sources

- Major Municipal Point Sources
- Land Development/Suburbanization
- Urban Runoff/Storm Sewers (NPS)
- Onsite Wastewater Systems (Septic Tanks)
- Natural
- 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: 7

>576 colonies/100 ml. E. coli bacteria): 36

Sites in AU w/ Bacteria Violations: 16

Total # Bacteria Sites in AU: 22

Other:

Impairment? Yes

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 8 Scheduled Monitoring: 2010

A TMDL is in progress for the lower Cuyahoga River basin. Monitoring in support of the TMDL was conducted in 1996 and 2000.