

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

HUC11	AU Description	AU Size (mi2)
04110002 010	Cuyahoga River (headwaters to downstream Black Brook)	148.9

Aquatic Life Use Assessment

Sampling Year(s): 1993, 1996, 2000

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

# Sites Sampled:	<5	5-20	20-50	>50
	10	8	3	3

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	38.5	22.3	39.2
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	100.0	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>
0.19	0.61	0.20

<u>Full</u>	<u>Partial</u>	<u>Non</u>
28.7	91.0	29.2

High Magnitude Causes

High Magnitude Sources

Siltation
Organic Enrichment/DO
Flow Alteration
Other Habitat Alterations
Natural Limits (Wetlands)

Pasture Land
Onsite Wastewater Systems (Septic Tanks)
Flow Reg./Mod. - Development
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: 0

>576 colonies/100 ml. E. coli bacteria): 13

Sites in AU w/ Bacteria Violations: 7

Total # Bacteria Sites in AU: 23

Other:

Impairment? Yes

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 9 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.