

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

HUC11	AU Description	AU Size (mi2)
04100007 040	Ottawa River (upstream Little Ottawa River to upstream Sugar Creek)	106.1

Aquatic Life Use Assessment

Sampling Year(s): 1996

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,MWH-C

# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
	2	4	0	11

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	50.0	50.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	4.9	41.1	54.0

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>
0.03	0.45	0.52

<u>Full</u>	<u>Partial</u>	<u>Non</u>
2.6	48.3	55.2

High Magnitude Causes

High Magnitude Sources

Unknown Toxicity
Nutrients
Organic Enrichment/DO
Other Habitat Alterations
Pathogens

Industrial Point Source
Municipal Point Source
Combined Sewer Overflows
Urban Runoff/Storm Sewers (NPS)
Channelization - Agriculture

Recreation Use Assessment

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

>5000 colonies/100 ml. fecal coliform bacteria: 8

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

Sites in AU w/ Bacteria Violations: 5

Total # Bacteria Sites in AU: 18

Other:

Impairment? Yes

Fish Consumption Assessment

Integrated Report Assessment Category: 5

Priority: 8

Scheduled Monitoring: 2005