

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
04100001 020	Tenmile Creek; Ottawa River	147.0

**Aquatic Life Use Assessment**

Sampling Year(s): 1992, 1993, 1996, 2000

Sampling Site Size Distribution (mi2)

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

# Sites Sampled:	<5	5-20	20-50	>50
	12	8	3	12

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	17.7	16.7	65.6
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	30.5	69.5

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>
0.09	0.24	0.67

<u>Full</u>	<u>Partial</u>	<u>Non</u>
13.2	35.3	98.5

High Magnitude Causes

High Magnitude Sources

- Pesticides
- Priority Organics
- Thermal Modifications
- Flow Alteration
- Other Habitat Alterations

- Minor Industrial Point Sources
- Contaminated Sediments
- Combined Sewer Overflow
- Nonirrigated Crop Production
- Land Development/Suburbanization
- Landfills
- Flow Reg./Mod. - Development
- Removal of Riparian Vegetation - Dev
- Streambank Destabilization - Dev

**Recreation Use Assessment**

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

>5000 colonies/100 ml. fecal coliform bacteria:

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

# Sites in AU w/ Bacteria Violations:

Total # Bacteria Sites in AU: 0

Other: A "Dermal Contact Advisory" is in effect for the Ottawa River due to PCBs contamination. The area under the advisory is from I-475 north of Wildwood Preserve in Toledo to the mouth at Maumee Bay.

Impairment? Yes

**Fish Consumption Assessment**

A "Do Not Eat" Fish Consumption Advisory is in effect for the Ottawa River (all species) due to PCBs contamination. The area under the advisory is from I-475 north of Wildwood Preserve in Toledo to the mouth at Maumee Bay. Additionally, a "One Meal per Week" advisory is in effect (Channel Catfish) for the entire length of the river.

**Integrated Report Assessment Category: 5      Priority: 9      Scheduled Monitoring: 2011**

Significant remediation of problematic sites (including closed landfills) in the lower Ottawa River watershed are actively underway. Site specific monitoring is occurring in the remediated areas on a regular basis. Future monitoring within the entire watershed will be conducted within the normal rotating basin schedule after the cessation of these projects and when sufficient recovery time has elapsed.