

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05060001 120	Olentangy River (downstream Delaware Run to mouth)	113.0

**Aquatic Life Use Assessment**

Sampling Year(s): 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH,LRW

# Sites Sampled:	<u>&lt;5</u>	5-20	20-50	<u>&gt;50</u>
	11	1	10	16

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	54.6	45.4
Large Streams/Rivers (sites w/>50 mi2 drainage):	65.5	28.9	5.6

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>
0.33	0.42	0.25

<u>Full</u>	<u>Partial</u>	<u>Non</u>
37.1	47.1	28.8

High Magnitude Causes

High Magnitude Sources

Cause Unknown      Flow Alteration  
Unknown Toxicity      Other Habitat Alterations  
Pesticides  
Priority Organics  
Metals  
Other Inorganics  
Nutrients  
Organic Enrichment/DO

Municipal Point Sources  
Nonirrigated Crop Production  
Urban Runoff/Storm Sewers (NPS)  
Channelization - Development  
Spills  
Contaminated Sediments  
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: 7

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

# Sites in AU w/ Bacteria Violations: 7

Total # Bacteria Sites in AU: 25

Other:

Impairment? Yes

**Fish Consumption Assessment**

**Integrated Report Assessment Category: 5**

**Priority: 8**

**Scheduled Monitoring: 2003**