

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05060001 090	Olentangy River (headwaters to downstream Flat Run)	133.6

**Aquatic Life Use Assessment**

Sampling Year(s): 1994

Sampling Site Size Distribution (mi2)

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

# Sites Sampled:	<u>&lt;5</u>	<u>5-20</u>	<u>20-50</u>	<u>&gt;50</u>
	1	6	3	2

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	66.7	16.7	16.6
Large Streams/Rivers (sites w/>50 mi2 drainage):	61.5	38.5	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>
0.64	0.28	0.08

<u>Full</u>	<u>Partial</u>	<u>Non</u>
85.6	36.9	11.1

High Magnitude Causes

High Magnitude Sources

Unionized Ammonia  
Nutrients  
Organic Enrichment/DO  
Flow Alteration  
Other Habitat Alterations

Onsite Wastewater Systems (Septic Tanks)  
Channelization - Agriculture  
Removal of Riparian Vegetation - Ag.

**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:

Impairment? Unknown

**Fish Consumption Assessment**

**Integrated Report Assessment Category: 5**

**Priority: 4**

**Scheduled Monitoring: 2003**