

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

<b>HUC11</b>	<b>AU Description</b>	<b>AU Size (mi2)</b>
05060001 060	Scioto River (upstream Bokes Creek to upstream Mill Creek); excluding Scioto R. mainstem	107.7

**Aquatic Life Use Assessment**

Sampling Year(s): 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

# Sites Sampled:	<5	5-20	20-50	>50
	15	4	3	4

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	18.3	33.3	48.4
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	88.9	11.1

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	0.61	0.30

<u>Full</u>	<u>Partial</u>	<u>Non</u>
9.8	65.8	32.1

High Magnitude Causes

High Magnitude Sources

Unknown Toxicity  
Unionized Ammonia  
Nutrients  
Siltation  
Organic Enrichment/DO  
Salinity/TDS/Chlorides  
Other Habitat Alterations

Minor Industrial Point Source  
Nonirrigated Crop Production  
Pasture Land  
Ag  
Range Land  
Feedlots (Confined Animals Feeding Oper.)  
Animal Holding/ Management Areas  
Onsite Wastewater Systems (Septic Tanks)  
Septage Disposal

Channelization - Agriculture  
Dredging - Agriculture  
Removal of Riparian Veg. -  
Bank Destabilization - Ag.  
Spills

**Recreation Use Assessment**

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

>5000 colonies/100 ml. fecal coliform bacteria: 18

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

# Sites in AU w/ Bacteria Violations: 13

Total # Bacteria Sites in AU: 21

Other:

Impairment? Yes

**Fish Consumption Assessment**

**Integrated Report Assessment Category: 5**

**Priority: 9**

**Scheduled Monitoring: 2009**