

**Ohio EPA 2004 Integrated Report Appendix D.2
Watershed Assessment Unit (WAU) Summaries**

HUC11 **WAU Description** **WAU Size (mi²): 107.7**
 05060001 060 Scioto River (upstream Bokes Creek to upstream Mill Creek); excluding
 Scioto R. mainstem

Integrated Report Assessment Category: 5 **Priority Points: 9**
Next Scheduled Monitoring: 2009

Aquatic Life Use Assessment

Subcategories of ALU: WWH,LRW Sampling Year(s): 1999
 Impairment: Yes

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Small (Spatial)								
< 5 mi ²	15 Sites	1 Sites						
5-20 mi ²	4 Sites	0 Sites	18.3	33.3	48.4			
20-50 mi ²	3 Sites	1 Sites						
<hr/>						9	61	30
Large (Linear)								
50-500 mi ²	18.0 Miles	0.0 Miles	0.0	88.9	11.1			

<u>High Magnitude Causes</u>	<u>High Magnitude Sources</u>
Unknown Toxicity	Minor Industrial Point Source
Unionized Ammonia	Agriculture
Nutrients	Nonirrigated Crop Production
Siltation	Pasture Land
Organic Enrichment/DO	- Ag
Salinity/TDS/Chlorides	Range Land
Other Habitat Alterations	Feedlots (Confined Animals Feeding Oper.) Spills
	Animal Holding/ Management Areas
	Onsite Wastewater Systems (Septic Tanks)
	Septage Disposal
	Channelization -
	Dredging - Agriculture
	Removal of Riparian Veg.
	Bank Destabilization - Ag.

Recreation Use Assessment

Subcategory of Use: Primary Contact
 Impairment: Yes Geometric Mean: 1088
 No. Ambient Sites: 22 No. Ambient Sampling Records: 89 75th %ile: 3400
 No. of NPDES MOR Sites: 0 No. of NPDES MOR Records: 0 90th %ile: 36800
 Other:

Fish Consumption Advisory (FCA) Assessment

Waters Within the WAU Sampled and Assessed:
 FCA Issued:
 (See the 2004 Ohio FCA for more detailed information at "www.epa.state.oh.us/dsw/fishadvisory/index.html")
 Impairment Due to FCA: Pollutant (Waterbody):

Comments

TMDLs for the aquatic life use impairment documented in the Bokes Creek watershed were approved by the U.S. EPA on September 27, 2002. Monitoring in support of TMDL development was conducted in 1999. The TMDL report is available at <http://www.epa.state.oh.us/dsw/tmdl/index.html>. The assessment unit remains in Category 5 due to the recreation use impairment.