

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

HUC11	AU Description	AU Size (mi2)
05060001 080	Scioto River (downstream Mill Creek to upstream Olentangy River); excluding Scioto 119.7 R. mainstem	

Aquatic Life Use Assessment

Sampling Year(s): 1994, 1997, 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	5	5	0	0
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Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	10.0	0.0	90.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	0.0	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>
0.10	0.00	0.90

<u>Full</u>	<u>Partial</u>	<u>Non</u>
12.0	0.0	107.7

High Magnitude Causes

High Magnitude Sources

Cause Unknown
Unknown Toxicity
Priority Organics
Unionized Ammonia
Siltation
Organic Enrichment/DO
Other Habitat Alterations

Municipal Point Source
Package Plant (Small Flows)
Nonirrigated Crop Production
Land Development/ Suburbanization
Channelization - Agriculture
Channelization - Development
Removal of Riparian Vegetation - Dev.
Spills
Source Unknown

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: 0

Total # Bacteria Sites in AU: 1

Other:

Impairment? Indeterminate

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 1 Scheduled Monitoring: 2011

Most of the streams in this watershed are small streams, impaired by urban land use.