

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

|              |   |                      |
|--------------|---|----------------------|
| <b>HUC11</b> | <b>AU Description</b>   | <b>AU Size (mi2)</b> |
| 05060002 160 | Scioto River (downstream Sunfish Creek to mouth); excluding Scioto Brush Cr. and Scioto R. mainstem | 159.3                |

**Aquatic Life Use Assessment**

Sampling Year(s): 1992, 1993, 1997

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

|                  |   |   |   |   |
|------------------|---|---|---|---|
| # Sites Sampled: | 5 | 5 | 1 | 0 |
|------------------|---|---|---|---|

Impairment? Yes

% Attainment

|  |             |                |            |
|--|-------------|----------------|------------|
|  | <u>Full</u> | <u>Partial</u> | <u>Non</u> |
| Small Streams (sites w/<50 mi2 drainage):        | 80.0        | 5.0            | 15.0       |
| Large Streams/Rivers (sites w/>50 mi2 drainage): | 0.0         | 0.0            | 0.0        |

|   |                |            |
|---|----------------|------------|
| AU Score<br>(relative amount of attainment) |                |            |
| <u>Full</u>                                 | <u>Partial</u> | <u>Non</u> |
| 0.80  | 0.05           | 0.15       |

|  |                |            |
|--|----------------|------------|
| Weighted AU Score<br>(relative amount of attainment weighted by AU size) |                |            |
| <u>Full</u>  | <u>Partial</u> | <u>Non</u> |
| 127.4  | 8.0            | 23.9       |

High Magnitude Causes

Nutrients  
Organic Enrichment/DO  
Other Habitat Alterations

High Magnitude Sources

Range Grazing - Riparian  
Feedlots (Confined Animal Feeding Oper.)  
Upstream Impoundment  
Flow Reg./Mod. - Development

**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: 2**

**Scheduled Monitoring: 2011**