

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

HUC11	AU Description	AU Size (mi2)
05060002 010	Scioto River (downstream Big Darby Cr. to upstream Kinnikinnick Cr.); excluding Scioto R. mainstem	162.4

Aquatic Life Use Assessment

Sampling Year(s): 1992, 1993, 1996, 1997

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH,LRW

Sites Sampled:

<5	5-20	20-50	>50
4	7	5	0

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	63.1	30.7	6.2
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>
0.63	0.31	0.06

<u>Full</u>	<u>Partial</u>	<u>Non</u>
102.3	50.3	9.8

High Magnitude Causes

High Magnitude Sources

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

- Major Industrial Point Source
- Municipal Point Sources
- Package Plants (Small Flows)
- Nonirrigated Crop Production
- Onsite Wastewater Systems (Septic Tanks)
- Channelization- Ag
- Channelization- Development
- Streambank Destabilization- 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

A "One Meal per Month" Fish Consumption Advisory is in effect for Scippo Creek (all species). The area under the advisory is from Kingston Pike to the Scioto River.

Integrated Report Assessment Category: 5

Priority: 3

Scheduled Monitoring: 2011