

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

HUC11	AU Description	AU Size (mi2)
05060001 040	Little Scioto River	112.6

Aquatic Life Use Assessment

Sampling Year(s): 1991, 1992, 1995, 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,MWH-C,LRW

Sites Sampled:

<5	5-20	20-50	>50
3	4	2	7

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	25.0	25.0	50.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	19.2	80.8

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>
0.13	0.22	0.65

<u>Full</u>	<u>Partial</u>	<u>Non</u>
14.1	24.9	73.6

High Magnitude Causes

High Magnitude Sources

- Priority Organics
- Metals
- Nutrients
- Siltation
- Organic Enrichment/DO
- Flow Alteration
- Other Habitat Alterations
- Oil and Grease

- Combined Sewer Overflow
- Nonirrigated Crop Production
- Onsite Wastewater Systems (Septic Tanks)
- Channelization - Agriculture
- Channelization - Development
- Removal of Riparian Vegetation - Ag.
- Contaminated Sediments
- Natural

Recreation Use Assessment

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

>5000 colonies/100 ml. fecal coliform bacteria: 1

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

Sites in AU w/ Bacteria Violations: 1

Total # Bacteria Sites in AU: 4

Other: A "Dermal Contact Advisory" is in effect for the Little Scioto River due to PAHs contamination. The area under the advisory is from St. Rt. 739 near Marion to Holland Rd. near Marion.

Impairment? Yes

Fish Consumption Assessment

A "Do Not Eat" Fish Consumption Advisory is in effect for the Little Scioto River (all species) due to PAHs contamination. The area under the advisory is from St. Rt. 739 near Marion to Holland Rd. near Marion.

Integrated Report Assessment Category: 5 Priority: 9 Scheduled Monitoring: 2009

A USEPA funded project to remediate contaminated sediments in the Little Scioto River is underway. Future monitoring within the watershed will be conducted within the normal rotating basin schedule after the cessation of the project and when sufficient recovery time has elapsed.