

# 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)

	<5	5-20	20-50	>50
Aquatic Life Use(s): EWH,WWH,LRW				
# Sites Sampled:	4	7	5	0

Impairment? Yes

% Attainment

	Full	Partial	Non
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)

Full	Partial	Non
0.63	0.31	0.06

Weighted AU Score  
(relative amount of attainment weighted by AU size)

Full	Partial	Non
102.3	50.3	9.8

#### High Magnitude Causes

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

#### High Magnitude Sources

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