

# Ohio EPA 2002 Integrated Report Appendix C

## Assessment Unit (AU) Summaries

HUC11	AU Description	AU Size (mi2)
05080002 020	Great Miami River (upstream Bear Creek to upstream Twin Creek); excluding GMR mainstem	140.2

### Aquatic Life Use Assessment

Sampling Year(s): 1995

Sampling Site Size Distribution (mi2)

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

# Sites Sampled:

<5	5-20	20-50	>50
1	2	3	0

Impairment? Yes

% Attainment

Small Streams (sites w/<50 mi2 drainage):

Large Streams/Rivers (sites w/>50 mi2 drainage):

Full	Partial	Non
45.8	54.2	0.0
0.0	0.0	0.0

AU Score  
(relative amount of attainment)

Full	Partial	Non
0.46	0.54	0.00

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

Full	Partial	Non
64.2	76.0	0.0

#### High Magnitude Causes

Organic Enrichment/DO  
Flow Alteration  
Other Habitat Alterations

#### High Magnitude Sources

Municipal Point Source  
Urban Runoff/Storm Sewers (NPS)  
Channelization - Agriculture  
Channelization - Development  
Removal of Riparian Vegetation - 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

Integrated Report Assessment Category: 5

Priority: 4

Scheduled Monitoring: 2009