

# Ohio EPA 2002 Integrated Report Appendix C

## Assessment Unit (AU) Summaries

HUC11	AU Description	AU Size (mi2)
05080002 010	Great Miami River (downstream Mad River to upstream Bear Creek); excluding GMR 143.7 mainstem	

### Aquatic Life Use Assessment

Sampling Year(s): 1995, 1997, 2001

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

# Sites Sampled:

<5	5-20	20-50	>50
3	4	2	9

Impairment? Yes

% Attainment

	Full	Partial	Non
Small Streams (sites w/<50 mi2 drainage):	20.8	39.6	39.6
Large Streams/Rivers (sites w/>50 mi2 drainage):	61.3	31.1	7.6

AU Score  
(relative amount of attainment)

Full	Partial	Non
0.41	0.35	0.24

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

Full	Partial	Non
59.1	50.7	33.9

#### High Magnitude Causes

Pesticides  
Priority Organics  
Other Inorganics  
Nutrients  
Siltation  
Flow Alteration  
Other Habitat Alterations  
Oil and Grease

#### High Magnitude Sources

Major Industrial Point Source  
Municipal Point Source  
Highway/Roads/Bridge/Sewer Line  
Urban Runoff/Storm Sewers (NPS)  
Highway Maintenance and Runoff  
Contaminated Sediments  
Spills

### 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: 3

Scheduled Monitoring: 2009