

# Ohio EPA 2002 Integrated Report Appendix C

## Assessment Unit (AU) Summaries

HUC11	AU Description	AU Size (mi2)
05090202 090	Little Miami River (downstream Turtle Creek to downstream O'Bannon Creek); excluding LMR mainstem	110.3

### Aquatic Life Use Assessment

Sampling Year(s): 1998

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:

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

Impairment? Yes

% Attainment

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

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

Full	Partial	Non
41.7	50.0	8.3
85.2	14.8	0.0

AU Score  
(relative amount of attainment)

Full	Partial	Non
0.64	0.32	0.04

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

Full	Partial	Non
69.9	35.8	4.6

#### High Magnitude Causes

Nutrients  
Organic Enrichment/DO  
Flow Alteration

#### High Magnitude Sources

Major Municipal Point Sources  
Upstream Impoundment  
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:

>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: 2007