

**Table 1. Status of Large Rivers Assessment Units (Detail Table)**

Assessment Unit Description	Watershed Size (sq. mi.)
Little Miami River Mainstem (downstream Caesar Creek to mouth)	1757.0

**Aquatic Life Use Assessment**

Sampling Year(s): 1998	AU Total Length (miles):	50.92
Aquatic Life Use(s): EWH, WWH	AU Monitored Miles:	48.02
Impairment? Yes	# Sites Sampled:	16
	# Miles Full Attainment:	11.80
	# Miles Partial Attainment:	34.92
	# Miles Non-Attainment:	1.30

Large River AU Attainment Status:	% Attainment (Monitored Miles)		
	Full	Partial	Non
	24.6	72.7	2.7

High Magnitude Causes

- Nutrients
- Siltation
- Suspended Solids
- Cause Unknown
- Metals
- Organic Enrichment/DO
- Other Habitat Alterations

High Magnitude Sources

- Major Municipal Point Source
- Minor Municipal Point Source
- Nonirrigated Crop Production
- Combined Sewer Overflow
- Dam Construction - Development
- Land Development/Suburbanization
- Urban Runoff/Storm Sewers (NPS)

**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 the Little Miami River (Sauger). The area under the advisory includes the entire length of the river. Additionally, a "One Meal per Week" advisory is in effect (Channel Catfish, Smallmouth Bass).

**Integrated Report Assessment Category: 5      Priority Points: 3      Scheduled Monitoring: 2007**

The TMDL for the upper Little Miami watershed (to and including the Caesar Creek watershed) was approved by USEPA in 2002. Monitoring for TMDL development focused on the lower watershed, including the Little Miami mainstem assessment unit, is scheduled for 2007.