

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

Assessment Unit Description	Watershed Size (sq. mi.)
Muskingum River Mainstem (entire length)	8051.0

**Aquatic Life Use Assessment**

Sampling Year(s): 1994	AU Total Length (miles):	111.14
Aquatic Life Use(s): WWH	AU Monitored Miles:	21.73
Impairment? Yes	# Sites Sampled:	9
	# Miles Full Attainment:	11.83
	# Miles Partial Attainment:	9.90
	# Miles Non-Attainment:	0.00

Large River AU Attainment Status:	% Attainment (Monitored Miles)		
	Full	Partial	Non
	54.4	45.6	0.0

High Magnitude Causes

Organic Enrichment/DO

High Magnitude Sources

Major Industrial Point Source

**Recreation Use Assessment**

# of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion  
 >5000 colonies/100 ml. fecal coliform bacteria: 1  
 >576 colonies/100 ml. E. coli bacteria):  
 # Sites in AU w/ Bacteria Violations: 1  
 Total # Bacteria Sites in AU: 5  
 Other:

Impairment? Indeterminate

**Fish Consumption Assessment**

A "One Meal per Month" Fish Consumption Advisory is in effect for the Muskingum River (White Bass). The area under the advisory includes the entire length of the river. Additionally, a "One Meal per Week" advisory is in effect (Channel Catfish, Flathead Catfish, Saugeye, Spotted Bass) for the same stretch of the river.

**Integrated Report Assessment Category: 5      Priority Points: 5      Scheduled Monitoring: 2008**

The entire Muskingum River mainstem assessment unit has not been sampled since 1988. The upper 20 miles of the assessment unit were sampled in 1994. The lower 90 miles has virtually no recent data, with the exception of one monthly ambient monitoring chemistry site at McConnelsville.