

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

Assessment Unit Description	Watershed Size (sq. mi.)
Grand River Mainstem (downstream Mill Creek to mouth)	705.0

**Aquatic Life Use Assessment**

Sampling Year(s): 1995	AU Total Length (miles):	41.28
Aquatic Life Use(s): EWH, WWH, SSH	AU Monitored Miles:	35.67
Impairment? Yes	# Sites Sampled:	21
	# Miles Full Attainment:	33.47
	# Miles Partial Attainment:	1.60
	# Miles Non-Attainment:	0.60

Large River AU Attainment Status:	% Attainment (Monitored Miles)		
	Full	Partial	Non
	93.8	4.5	1.7

High Magnitude Causes

Salinity/TDS/Chlorides

High Magnitude Sources

Waste Storage/Storage Tank Leaks

**Recreation Use Assessment**

# of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion  
 >5000 colonies/100 ml. fecal coliform bacteria: 0  
 >576 colonies/100 ml. E. coli bacteria): 1  
 # Sites in AU w/ Bacteria Violations: 0  
 Total # Bacteria Sites in AU: 3  
 Other:

Impairment? Indeterminate

**Fish Consumption Assessment**

A "One Meal per Month" Fish Consumption Advisory is in effect for the Grand River (Carp 22 inches and larger, Freshwater Drum, Largemouth Bass, Smallmouth Bass, Yellow Bullhead, Silver Redhorse). The area under the advisory includes the entire length of the river. Additionally, A "One Meal per Month" advisory is in effect (Walleye) upstream from Tote St. near Austinburg. Lastly, a "One Meal per Week" advisory is in effect (Carp under 22 inches) for the entire length of the river.

**Integrated Report Assessment Category: 4B      Priority Points:      Scheduled Monitoring: 2004**

The Grand River is one of the higher quality large rivers in Ohio. With the exception of a fish consumption advisory for several species, there are few problems on this river. Aquatic life impairment in the mainstem is restricted to the lacustuary reach of the river and has been attributed to the Diamond Shamrock waste lagoons.