

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

Assessment Unit Description	Watershed Size (sq. mi.)		
Great Miami River Mainstem (downstream Tawawa Creek to mouth)	5371.0		
<b>Aquatic Life Use Assessment</b>			
Sampling Year(s): 1994, 1995, 2000	AU Total Length (miles):	130.41	
Aquatic Life Use(s): WWH, MWH-Impounded	AU Monitored Miles:	130.38	
Impairment? Yes	# Sites Sampled:	89	
	# Miles Full Attainment:	87.42	
	# Miles Partial Attainment:	39.36	
	# Miles Non-Attainment:	3.60	
	% Attainment (Monitored Miles)		
	Full	Partial	Non
Large River AU Attainment Status:	67.0	30.2	2.8
<u>High Magnitude Causes</u>		<u>High Magnitude Sources</u>	
Flow Alteration		Dam Construction - Development	
Other Habitat Alterations		Flow Reg/Mod - Development	
Organic Enrichment/DO		Major Municipal Point Source	
Nutrients		Upstream Impoundment	
Priority Organics		Combined Sewer Overflow	
		Major Industrial Point Source	
		Removal of Riparian Vegetation - Development	
<b>Recreation Use Assessment</b>			
# of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion			
>5000 colonies/100 ml. fecal coliform bacteria: 3			
>576 colonies/100 ml. E. coli bacteria):			
# Sites in AU w/ Bacteria Violations: 2			
Total # Bacteria Sites in AU: 2			
Other:			
Impairment? Indeterminate			
<b>Fish Consumption Assessment</b>			
A "Do Not Eat" Fish Consumption Advisory is in effect for the Great Miami River (all sucker species). The area under the advisory is from the lowhead dam at Monument Avenue in Dayton to the Ohio River. Additionally, a "One Meal per Month" advisory is in effect (Largemouth Bass, Rock bass, Smallmouth Bass, White Bass), and a "One Meal per Week" advisory (Saugeye) for the same stretch of the river. Other advisories include Channel Catfish (One Meal per Week) and Carp (One Meal per Month) from Indian Lake to north of St. Rt. 73 near Middletown. Also, Channel Catfish, Freshwater Drum, Smallmouth Buffalo (One Meal per Week) and Carp, Flathead Catfish and Striped Bass Hybrid (One Meal per 2 months) from south of St. Rt. 73 near Middletown to the Ohio River.			
<b>Integrated Report Assessment Category: 5</b>		<b>Priority Points: 5</b>	<b>Scheduled Monitoring: 2008</b>
Surveys were conducted throughout the mainstem in 1994 (upper Great Miami River) and 1995 (lower Great Miami River). Most of the river is in full or partial attainment of biological criteria. However, a fish consumption advisory for numerous species throughout the length of the mainstem is in effect.			