

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

Assessment Unit Description	Watershed Size (sq. mi.)
Wills Creek Mainstem (downstream Leatherwood Creek to mouth)	853.0

Aquatic Life Use Assessment

Sampling Year(s): 1994	AU Total Length (miles):	64.98
Aquatic Life Use(s): WWH	AU Monitored Miles:	64.98
Impairment? Yes	# Sites Sampled:	4
	# Miles Full Attainment:	9.90
	# Miles Partial Attainment:	41.88
	# Miles Non-Attainment:	13.20

Large River AU Attainment Status:	% Attainment (Monitored Miles)		
	Full	Partial	Non
	15.2	64.5	20.3

High Magnitude Causes

Siltation

High Magnitude Sources

Surface Mining

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: 1
 Other:

Impairment? Indeterminate

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority Points: 2 Scheduled Monitoring: 2008

The middle and upper reaches of the Wills Creek mainstem assessment unit are impaired by a combination of heavy sedimentation and low stream gradient. Biological communities in this stretch of the river fell below regional biological criteria in 1994. Downstream from Wills Creek Reservoir, biological communities in the mainstem were significantly improved, meeting (or nearly meeting) Warmwater Habitat biological criteria.