

**Ohio EPA 2002 Integrated Report Appendix C
Assessment Unit (AU) Summaries**

HUC11	AU Description	AU Size (mi2)
05030103 060	Mosquito Creek	138.1

Aquatic Life Use Assessment

Sampling Year(s): 1990, 1994

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

# Sites Sampled:	<5	5-20	20-50	>50
	0	0	0	7

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	0.0	0.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	0.0	13.6	86.4

AU Score
(relative amount of attainment)

Weighted AU Score
(relative amount of attainment weighted by AU size)

<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.00	0.14	0.86

<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.0	18.8	119.3

High Magnitude Causes

Suspended Solids

High Magnitude Sources

Minor Industrial Point Source
Major Municipal Point Source
Upstream Impoundment

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

Integrated Report Assessment Category: 5 Priority: 1 Scheduled Monitoring: 2008

Very little data have been collected in this watershed since 1983. All historical data are from downstream of Mosquito Creek Reservoir. No data have been collected on tributaries flowing into the lake.