

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

HUC11	AU Description	AU Size (mi2)
05030204 070	Sunday Creek	138.7

Aquatic Life Use Assessment

Sampling Year(s): 1990, 1997, 2000

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH,LRW,LWH	# Sites Sampled:	<u><5</u>	<u>5-20</u>	<u>20-50</u>	<u>>50</u>
		2	0	0	2

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	50.0	0.0	50.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	50.0	0.0	50.0

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>
0.50	0.00	0.50

<u>Full</u>	<u>Partial</u>	<u>Non</u>
69.4	0.0	69.3

High Magnitude Causes

High Magnitude Sources

pH

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:

>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: 3 Scheduled Monitoring: 2009

A TMDL, in collaboration with an ODNR AMDAP project, is in progress for the Sunday Creek watershed. Monitoring in support of the TMDL/AMDAP projects was conducted by the Ohio EPA in 2001.