

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

HUC11	AU Description	AU Size (mi2)
05040003 050	Killbuck Creek (headwaters to upstream Apple Creek)	138.6

Aquatic Life Use Assessment

Sampling Year(s): 1993, 1998

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW

# Sites Sampled:	<5	5-20	20-50	>50
	1	3	2	4

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	0.0	75.0	25.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	88.2	11.8	0.0

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>
0.44	0.43	0.13

<u>Full</u>	<u>Partial</u>	<u>Non</u>
61.1	60.2	17.3

High Magnitude Causes

Organic Enrichment/DO
Other Habitat Alterations

High Magnitude Sources

Nonirrigated Crop Production
Feedlots (Confined Animal Feeding Oper.)
Channelization - Agriculture
Natural

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: 4 Scheduled Monitoring: 2007

Most of the sampling in this watershed has been on the Killbuck Creek mainstem. A few tributaries were sampled in 1983, and a few new ones were added in 1993, but the extent of coverage is very spread out. Only biological reference sites have been sampled since 1993.