

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

HUC11	AU Description	AU Size (mi2)
05060001 190	Big Darby Creek (headwaters to downstream Sugar Creek)	176.1

Aquatic Life Use Assessment

Sampling Year(s): 2001 Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): EWH,WWH,MWH-C	# Sites Sampled:	<5	5-20	20-50	>50
		10	14	2	21

Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	61.0	35.0	4.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	52.5	27.9	19.6

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>
0.57	0.32	0.11

<u>Full</u>	<u>Partial</u>	<u>Non</u>
99.8	55.5	20.8

High Magnitude Causes

High Magnitude Sources

Siltation
Organic Enrichment/DO
Other Habitat Alterations

Minor Municipal Point Source
Pasture Land
Highway/Road/Bridge/Sewer Line
Channelization - Agriculture

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: 0

Total # Bacteria Sites in AU: 3

Other:

Impairment? Indeterminate

Fish Consumption Assessment

Integrated Report Assessment Category: 5 Priority: 4 Scheduled Monitoring: 2011

A TMDL is in progress for the Big Darby Creek basin. Monitoring in support of the TMDL was conducted in 2001 and 2002.