

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

HUC11	AU Description	AU Size (mi2)
05030204 010	Hocking River (headwaters to Enterprise); excluding Rush Creek and Clear Creek	132.0

Aquatic Life Use Assessment

Sampling Year(s): 1995

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,MWH-C

# Sites Sampled:	2	5	4	0
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Impairment? Yes

% Attainment

	<u>Full</u>	<u>Partial</u>	<u>Non</u>
Small Streams (sites w/<50 mi2 drainage):	90.0	5.0	5.0
Large Streams/Rivers (sites w/>50 mi2 drainage):	56.8	43.2	0.0

AU Score (relative amount of attainment)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
0.73	0.24	0.03

Weighted AU Score (relative amount of attainment weighted by AU size)		
<u>Full</u>	<u>Partial</u>	<u>Non</u>
96.9	31.8	3.3

High Magnitude Causes

Siltation
Organic Enrichment/DO

High Magnitude Sources

Major Municipal Point Source
Combined Sewer Overflows
Channelization - Development
Groundwater Loadings

Recreation Use Assessment

of Samples w/ an Ohio WQS Violation of the Secondary Contact Recreation Maximum Criterion

>5000 colonies/100 ml. fecal coliform bacteria: 11

>576 colonies/100 ml. E. coli bacteria):

Sites in AU w/ Bacteria Violations: 1

Total # Bacteria Sites in AU: 1

Other:

Impairment? Yes

Fish Consumption Assessment

A "One Meal per Month" Fish Consumption Advisory is in effect for the Hocking River (Carp). The area under the advisory includes the entire length of the river.

Integrated Report Assessment Category: 5 Priority: 12 Scheduled Monitoring: 2004

The Hocking River has shown dramatic improvement since the early 1980's due to upgrades at the Lancaster WWTP.