

Ohio EPA 2002 Integrated Report Appendix C

Assessment Unit (AU) Summaries

| HUC11 | AU Description | AU Size (mi2) |
|--------------|----------------|---------------|
| 05060003 020 | Sugar Creek | 81.5 |

Aquatic Life Use Assessment

Sampling Year(s): 1997, 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH

| | <5 | 5-20 | 20-50 | >50 |
|------------------|----|------|-------|-----|
| # Sites Sampled: | 0 | 0 | 4 | 3 |

Impairment? Yes

% Attainment

| | Full | Partial | Non |
|--|------|---------|------|
| Small Streams (sites w/<50 mi2 drainage): | 0.0 | 25.0 | 75.0 |
| Large Streams/Rivers (sites w/>50 mi2 drainage): | 0.0 | 100.0 | 0.0 |

AU Score
(relative amount of attainment)

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

| Full | Partial | Non |
|------|---------|------|
| 0.00 | 0.62 | 0.38 |

| Full | Partial | Non |
|------|---------|------|
| 0.0 | 50.9 | 30.6 |

High Magnitude Causes

Cause Unknown
Nutrients
Other Habitat Alterations

High Magnitude Sources

Minor Municipal Point Source
Channelization - Agriculture
Source Unknown

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: 2006

A Watershed Management Plan prepared by a CWA Section 319 funded Watershed Coordinator under the direction of the Paint Creek watershed SWCDs (Ross, Fayette, Highland, Greene, Madison, and Clinton) is currently under development. Monitoring in support of the project was conducted in the upper Paint Creek watershed by the Ohio EPA in 1997.