

Ohio EPA 2002 Integrated Report Appendix C

Assessment Unit (AU) Summaries

HUC11	AU Description	AU Size (mi2)
05040004 050	Moxahala Creek (excluding Jonathan Creek)	108.4

Aquatic Life Use Assessment

Sampling Year(s): 1987, 1989, 1998, 1999

Sampling Site Size Distribution (mi2)

Aquatic Life Use(s): WWH,LRW,LWH

Sites Sampled:

<5	5-20	20-50	>50
2	6	0	0

Impairment? Yes

% Attainment

Small Streams (sites w/<50 mi2 drainage):

Large Streams/Rivers (sites w/>50 mi2 drainage):

Full	Partial	Non
25.0	8.3	66.7
0.0	0.0	0.0

AU Score
(relative amount of attainment)

Full	Partial	Non
0.25	0.08	0.67

High Magnitude Causes

pH
Siltation
Flow Alteration
Other Habitat Alterations

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

Full	Partial	Non
27.1	8.7	72.6

High Magnitude Sources

Surface Mining
Subsurface Mining
Channelization - Development
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: 1

Scheduled Monitoring: 2008

Black Fork and Ogg Creek were included on the 1998 303(d) list based on data from 1987. Since these data are no longer current (i.e., more than 10 years old), reassessment of current conditions is warranted. However, recognizing the continued pervasive impacts related to ongoing mining activities, retaining the Assessment Unit on the 303(d) list is appropriate. Additional data collected in 1989, 1998 and 1999 were used to supplement the assessment of this AU.