

**Ohio EPA 2008 Integrated Report Section M2
Watershed Assessment Unit (WAU) Results**

HUC11

WAU Description

WAU Size (mi²): 193.9

05040004 040

Jonathan Creek

Integrated Report Assessment Category: 3

Priority Points:

Next Scheduled Monitoring: 2008

Aquatic Life Use Assessment

Subcategories of ALU: EWH,WWH,LRW,LWH

Sampling Year(s):

Impairment: Unknown (3)

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Secondary Tributaries								
< 5 mi ²	Site(s)	Site(s)						
Primary Tributaries								
5-20 mi ²	Site(s)	Site(s)						
20-50 mi ²	Site(s)	Site(s)						
Principal Streams								
50-500 mi ²	Site(s)							
	Miles	Miles						

High Magnitude Causes

High Magnitude Sources

Recreation Use Assessment

Subcategory of Use: Primary Contact

Impairment: Unknown (3)

Cause:

Geometric Mean:

No. Ambient Sites:

No. Ambient Sampling Records:

75th %ile:

No. of NPDES MOR Sites:

No. of NPDES MOR Records:

90th %ile:

Other:

Public Drinking Water Supply Assessment

Location(s): Frazier's Run; Kent Run @RM 1.3 [Maysville]

Impairment: Unknown (3-Insufficient Data)

Nitrate Indicator: Insufficient Data

Cause:

Pesticide Indicator: Insufficient Data

Fish Tissue Assessment

Waters Sampled: Yes Impairment: Unknown (3-Historical Data)

Stream Miles Monitored: 0.00 Stream Miles Impaired: Pollutants (Waterbody):

Lake Acres Monitored: 0.0 Lake Acres Impaired:

WAU Comments

Virtually no biological sampling has been done in the Moxahala Creek watershed due to severe mining impacts and lack of WWTPs in the basin. Only one biological reference site on Jonathan Creek has been sampled recently. Fish tissue sampling was conducted in Moxahala Creek in 2000. Comprehensive chemical, physical, and biological monitoring is scheduled in this assessment unit in 2008 to identify pollutants impairing beneficial uses and to support the development of TMDLs for those pollutants.

**Ohio EPA 2008 Integrated Report Section M2
Watershed Assessment Unit (WAU) Results**

HUC11

WAU Description

WAU Size (mi²): 108.4

05040004 050

Moxahala Creek (excluding Jonathan Creek)

Integrated Report Assessment Category: 5

Priority Points: 1

Next Scheduled Monitoring: 2008

Aquatic Life Use Assessment

Subcategories of ALU: WWH,LRW,LWH

Sampling Year(s): 1997, 1998, 1999

Impairment: Yes (5)

Stream Size Category	Raw Data		% Attainment			WAU Score		
	Data Available	No. Attaining	Full	Partial	Non	Full	Partial	Non
Secondary Tributaries								
< 5 mi ²	2 Site(s)	1 Site(s)						
Primary Tributaries								
5-20 mi ²	3 Site(s)	0 Site(s)	25.0	16.7	58.3			
20-50 mi ²	Site(s)	Site(s)				25	17	58
Principal Streams								
50-500 mi ²	Site(s)							
	Miles	Miles						

High Magnitude Causes

High Magnitude Sources

pH
Siltation
Flow Alteration
Direct Habitat Alterations

Surface Mining
Subsurface Mining
Channelization - Development
Natural

Recreation Use Assessment

Subcategory of Use: Primary Contact

Impairment: Unknown (3-Indeterminate Data) Cause:

Geometric Mean: 14

No. Ambient Sites: 0

No. Ambient Sampling Records: 0

75th %ile: 100

No. of NPDES MOR Sites: 1

No. of NPDES MOR Records: 20

90th %ile: 100

Other:

Public Drinking Water Supply Assessment

Location(s): Dry Run @RM 2.23 (Resv 1 and 2), Black Fork @RM 4.69 (Resv. 3,4,5) [Crooksville]

Impairment: No (1)

Nitrate Indicator: Full Support

Cause:

Pesticide Indicator: Insufficient Data

Fish Tissue Assessment

Waters Sampled: Yes Impairment: Unknown (3-Indeterminate Data)

Stream Miles Monitored: 2.00 Stream Miles Impaired: Pollutants (Waterbody):

Lake Acres Monitored: 0.0 Lake Acres Impaired:

WAU Comments

Comprehensive chemical, physical, and biological monitoring is scheduled in this assessment unit in 2008 to identify pollutants impairing beneficial uses and to support the development of TMDLs for those pollutants.