

**Ohio EPA 2008 Integrated Report Section M3  
Large River Assessment Unit (LRAU) Results**

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**LRAU Description**

Muskingum River Mainstem (entire length)

**LRAU Size (mi<sup>2</sup>)**

8051.0

**Integrated Report Assessment Category: 5**

**Priority Points: 2**

**Next Scheduled Monitoring: 2022**

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**Aquatic Life Use (ALU) Assessment**

Subcategories of ALU: WWH

Sampling Year(s): 2006

Impairment: No (1)

LRAU Total Length (miles): 111.14

No. Miles Full Attainment: 111.14

LRAU Monitored Miles: 111.14

No. Miles Partial Attainment: 0.00

No. Sites Sampled: 28

No. Miles Non-Attainment: 0.00

% LRAU Attainment (Monitored Miles)

Full	Partial	Non
100.0	0.0	0.0

High Magnitude Causes

High Magnitude Sources

**Recreation Use Assessment**

Subcategory of Use: Primary Contact

Impairment: No (1)

Geometric Mean: 279

No. of Ambient Sites: 15

No. of Ambient Sampling Records: 120

75<sup>th</sup> %ile: 598

No. of NPDES MOR Sites: 1

No. of NPDES MOR Records: 50

90<sup>th</sup> %ile: 1810

Other:

**Public Drinking Water Supply Assessment**

Location(s): No Public Drinking Water Supply Intakes

Impairment:

Nitrate Indicator:

Cause:

Pesticide Indicator:

**Fish Tissue Assessment**

Large River Sampled: Yes

Impairment: Yes (5)

Miles Monitored: 105.70

Miles Impaired: 105.70

Pollutant(s): PCBs

**Comments**

Intensive chemical, physical, and biological sampling was conducted in the assessment unit in 2006. The assessment unit includes the Muskingum River mainstem from the confluence of the Tuscarawas River and Walhonding River in Coshocton to the Ohio River at Marietta.