

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

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**LRAU Description**

Mad River Mainstem (downstream Donnels Creek to mouth)

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

657.0

**Integrated Report Assessment Category: 5**

**Priority Points: 8**

**Next Scheduled Monitoring: 2018**

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**Aquatic Life Use (ALU) Assessment**

Subcategories of ALU: WWH

Sampling Year(s): 2003

Impairment: Yes (5)

LRAU Total Length (miles): 18.38

No. Miles Full Attainment: 15.40

LRAU Monitored Miles: 18.38

No. Miles Partial Attainment: 2.98

No. Sites Sampled: 8

No. Miles Non-Attainment: 0.00

% LRAU Attainment (Monitored Miles)

Full	Partial	Non
83.7	16.3	0.0

High Magnitude Causes

Flow Alteration

High Magnitude Sources

Channelization - Agriculture

**Recreation Use Assessment**

Subcategory of Use: Primary Contact

Impairment: Yes (5)

Geometric Mean: 463

No. of Ambient Sites: 5

No. of Ambient Sampling Records: 25

75<sup>th</sup> %ile: 2300

No. of NPDES MOR Sites: 3

No. of NPDES MOR Records: 192

90<sup>th</sup> %ile: 7280

Other:

**Public Drinking Water Supply Assessment**

Location(s): Mad River @RMs 5.2 and 5.6 [Dayton]

Impairment: Unknown (3-Insufficient Data)

Nitrate Indicator: Insufficient Data

Cause:

Pesticide Indicator: Insufficient Data

**Fish Tissue Assessment**

Large River Sampled: Yes      Impairment: Yes (5)

Miles Monitored: 18.38      Miles Impaired: 18.38

Pollutant(s): PCBs

**Comments**

Development of TMDLs for pollutants impairing beneficial uses is underway in the Mad River basin. Biological and water quality monitoring in support of the TMDLs was conducted in 2003 and included the Mad River mainstem assessment unit from Donnels Creek to the mouth. A report on the findings of the biological and water quality survey can be found at: [www.epa.state.oh.us/dsw/document\\_index/psdindx.html](http://www.epa.state.oh.us/dsw/document_index/psdindx.html).