

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

LRAU Description Raccoon Creek Mainstem (downstream Little Raccoon Creek to mouth)	LRAU Size (mi²) 681.0
Integrated Report Assessment Category: 3 Next Scheduled Monitoring: 2014	Priority Points:

Aquatic Life Use (ALU) Assessment

Subcategories of ALU: WWH Sampling Year(s): 1993, 1994, 1995

Impairment: No (1-Historical Data)

LRAU Total Length (miles): 37.55	No. Miles Full Attainment: 22.37
LRAU Monitored Miles: 22.37	No. Miles Partial Attainment: 0.00
No. Sites Sampled: 6	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-Historical Data)

No. of Ambient Sites: 1

No. of Ambient Sampling Records: 22

Geometric Mean: 419

75th %ile: 1753

No. of NPDES MOR Sites: 0

No. of NPDES MOR Records: 0

90th %ile: 2680

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: Unknown (3-Insufficient Data)

Miles Monitored: 37.55

Miles Impaired:

Pollutant(s):

Comments

Full attainment of the designated WWH aquatic life use based on biological criteria was achieved at all sampling locations monitored in the Raccoon Creek mainstem assessment unit in 1995. Despite extensive mining activities in the upper portion of the basin, the lower Raccoon mainstem reflected no major adverse effects. Monitoring to assess the recreation beneficial use also revealed no problems but all aquatic life and recreation data are now historical. A report developing TMDLs for pollutants impairing beneficial uses (aquatic life) in the upper Raccoon Creek watershed was approved by U.S. EPA on March 20, 2003. Monitoring in support of these TMDLs was conducted in 1995 and 1999. The TMDL report is available at (www.epa.state.oh.us/dsw/tmdl/index.html).