



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Total Maximum Daily Load Information Sheet

Woods Fork

Water Body ID: 2429

Water Body Segment at a Glance:

County: Christian
Nearby City: Saddlebrooke
Length: 5.5 miles
Pollutants: Unknown (Fish Bioassessment)
Source: Unknown



Schedule for TMDL development:

TMDL development schedules are subject to change.

The most current schedule for TMDL development is available on the department's website at dnr.mo.gov/env/wpp/tmdl/wpc-tmdl-progress.htm

Description of the Problem

A water body is considered impaired when it fails to meet applicable water quality standards. Water quality standards consist of designated uses, water quality criteria, an antidegradation policy and implementation procedures. Woods Fork is impaired due to exceedances of state water quality criteria that protect aquatic life.

Designated uses of Woods Fork*

- Warm Water Habitat (WWH)
- Whole Body Contact Recreation Category B (WBC-B)
- Secondary Contact Recreation (SCR)
- Human Health Protection (HHP)
- Irrigation (IRR)
- Livestock and Wildlife Protection (LWP)

*In addition to these specific uses, all waters of the state are protected by the general water quality criteria that are specified in the state's Water Quality Standards at 10 CSR 20-7.031(4).

Designated uses that are impaired

- Warm Water Habitat (WWH)

Criteria that apply

- Missouri streams are protected by the general criteria found at 10 CSR 20-7.031(4). The particular narrative criteria that have not been met, which has resulted in impairment are:
 - (D) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal, or aquatic life;
 - (G) Waters shall be free from physical, chemical, or hydrologic changes that would impair the natural biological community

Assessment and water quality data

Assessment of Woods Fork as impaired is based on fish community data collected by the Missouri Department of Conservation as part of their Resources Assessment and Monitoring (RAM) Program. This program calculates the number and diversity of fish species in a stream and provides an Index of Biotic Integrity (IBI) score, which can be used to determine if the fish community is impaired. For a fourth order stream such as Woods Fork, an IBI score of less than 29 is considered impaired. The average IBI score for Woods Fork was 26.3, thus the fish community was judged to be impaired.

Sampling Organization	Site Code	Site Name	Date	Stream Order	IBI Score
MDC	2429/3.2	Woods Fk. above Camp Cr.	7/1/2008	4	25
MDC	2429/2.9	Woods Fk. below Camp Cr.	6/27/2008	4	27
MDC	2429/0.2	Woods Fk. near mouth	7/8/2008	4	27
Average IBI Score =					26.3

TMDL for Woods Fork

The Woods Fork TMDL will calculate the maximum amount of each listed pollutant that the stream can receive and still meet water quality standards. The TMDL will also identify all potential or suspected pollutant sources in the watershed and distribute the allowable pollutant loads among those various sources. When developed, the Woods Fork TMDL will use the most current and available data. For this reason, the final TMDL may present information that differs from that contained in this information sheet.

For more information call or write:

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Map of the Woods Fork Watershed

