

MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Total Maximum Daily Load Information Sheet

Pomme de Terre River

Water Body ID: 1440

Water Body Segment at a Glance:

Counties: Dallas, Greene, Polk and Webster
Nearby City: Bolivar and Marshfield
Length: 69.1 miles
Pollutants: *Escherichia coli (E. coli)*
Source: Rural nonpoint sources



State Map Showing Location of Watershed

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. The Pomme de Terre River is impaired due to exceedances of state water quality criteria that protect the whole body contact recreation designated use.

Designated uses of Pomme de Terre River*

- Warm Water Habitat (WWH)
- Whole Body Contact Recreation Category B (WBC-A)
- 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

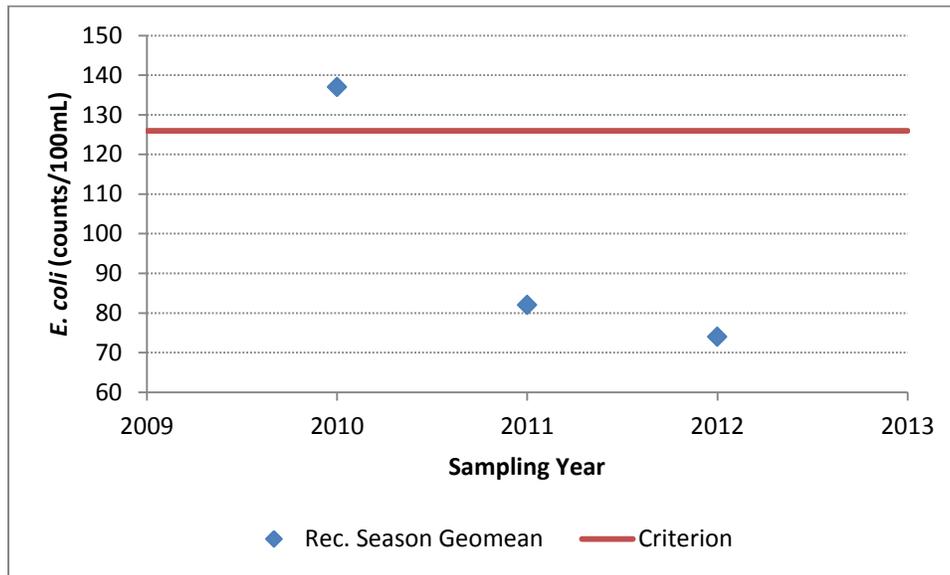
- Whole Body Contact Recreation Category B (WBC-A)

Criteria that apply

- Numeric bacteria criteria for the protection of recreational uses is found in 10 CSR 20-7.031(5)(C) and Table A. For category A waters, *E. coli* counts, measured as a geometric mean, shall not exceed 126 counts/100 mL of water “during the recreational season.” The state’s recreational season is defined in this section of the rule as being from April 1 to October 31.

Assessment and water quality data

The department judges a water to be impaired by *E. coli* if the criterion is exceeded in any of the last three years for which there is adequate data (at least 5 samples). For Pomme de Terre River, adequate recreational season *E. coli* data was available from 2010 to 2012. The whole body contact category A criterion was exceeded in 2010.



TMDL for Pomme de Terre River

The Pomme de Terre River 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 Pomme de Terre River 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 Pomme de Terre River Watershed

