

2018 WQS Rulemaking Status

July 30, 2019 Approval:

- Mixing Zones and ZIDs
- Water Hardness
- General Criteria Revisions
- Chronic Cadmium Criteria
- MUDD Update
- Antidegradation Implementation Procedure
- Losing Stream Reference and Table J
- Modify Site-Specific Criteria Table

2018 WQS Rulemaking Status

Items Awaiting EPA Approval:

- Waters of the State Definition
- pH (4-day average)
- Section 304(a) Water Quality Criteria
- WQS Variance - Kirksville
- MDV Framework

Remaining 304(a) Criteria

- Arsenic
- Chromium VI
- Mercury
- Methylmercury
- Nickel
- Polychlorinated Biphenyls (PCBs)
- Tributyltin (TBT)
- Alkalinity
- Chlorine, Total Residual
- Cyanide
- DDT
- Acrolein
- Aldrin
- Endosulfan
- Carbaryl
- Chlordane
- Chlorpyrifos
- Diazinon
- Dieldrin
- Endrin
- Lindane
- Heptachlor
- Heptachlor Epoxide
- Hexachlorocyclopentadiene
- Parathion
- Toxaphene
- 2,4-Dichlorophenol
- Nonylphenol
- Phenol
- Pentachlorophenol

WQS Workgroup

This workgroup will provide input and assistance to the Department in developing and refining appropriate water quality standards for the protection of Missouri's streams, lakes, and wetlands.



- Workgroup last met in 2015 while working on nutrient criteria
- Reconvening the workgroup for the 2019/2020 triennial review
- Will make plans for future meetings

2019/2020 Triennial Review Scope

- Aluminum
- Cadmium (acute)
- Copper BLM vs. WER
- Chloride plus sulfate
- DWS and IND use review
- MUDD WBID revision by watershed
- Variances
- Site-specific DO criteria (Blue Springs)
- Losing stream language moved to 7.015
- AIP revisions
- MDV Framework revisions
- Update MUDD with UAA and presumed use review results

Nutrient Trading Process Mapping Event



Gulf of Mexico Hypoxia Task Force Grant Opportunity

Funds will support HTF states as they undertake high-impact actions to accelerate reduction of excess nutrient loss from the Mississippi and Atchafalaya River Basin to the Gulf.

- 1.2 million dollars for FY2019
- Potentially offered in FY2020 also
- Non-competitive for 12 Hypoxia Task Force states
- Draft workplans for \$200,000 due August 26
- Missouri will gear this toward nutrient trading program development