Schaben, Darlene

From: Stacy Arnold <stacyarnold81@hotmail.com>
Sent: Tuesday, September 17, 2013 4:58 PM
To: Hoke, John
Subject: Comment on Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on and express my support of the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I have been a volunteer with the Missouri Stream Team since 2006. Over the years, I have conducted water quality monitoring and litter pick-ups on numerous Missouri streams. I grew up swimming in and enjoying the multitude of waterways this state has to offer, and now as an adult, I work to protect them.

As a lifelong resident of Missouri and advocate for clean streams, I ask that you PLEASE APPROVE this Proposed Rule that would take steps to classify and protect a portion of the currently unclassified waters in Missouri. And, in addition, I request that you please consider protections for all waters in the state.

Thank you for this opportunity to comment and for your time and consideration.

Sincerely,

Stacy

Stacy Arnold

672 Bellsworth Dr.

St. Louis, MO 63125

Phone: (314) 667-9554

Stream Team # 2926

Hoke, John

From: Jean Blackwood <blackwoodjean@gmail.com>
Sent: Friday, August 30, 2013 10:28 AM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a long-time resident of Missouri and I care deeply about our state's waters.

The Proposed Rule is a positive step, however, it still fails to provide fishable and swimmable designations to all waters of the state in Missouri *as required by state law*. Fishable/swimmable use designations enable the application of science-based water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule unfortunately omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters and Missouri residents deserve adequate protections to safeguard their health and our heritage - that is why we pay our taxes to support the DNR, and one of the jobs we expect you to perform in a timely fashion.

Thank you for the opportunity to comment. I look forward to cleaner streams and wetlands in Missouri.

Yours truly,

Jean A. Blackwood

2012 West Ash Street

Columbia, MO 65203

573-228-6000

Hoke, John

From: Leona's Yahoo Mail <lbochantin88@yahoo.com>
Sent: Monday, September 02, 2013 9:22 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sent from my iPad

Schaben, Darlene

From: Gerald Boehm <boomerboehm@gmail.com>
Sent: Friday, September 13, 2013 12:35 PM
To: Hoke, John
Subject: Missouri Streams

Mr. John Hoke,
I have not had the pleasure of meeting you but I wanted to send a small note to you concerning the classification of streams in Missouri. I have worked with the MDC and MDNR since the early 90's. I am a retired environmental biology teacher. I represent Stream Team 396 and helped co-ordinate a number of EPA grants that were used to form the St. Charles County Rivers and Stream Project. Once I retired from teaching this organization broke up but the schools in St. Charles County still are very active in water quality monitoring. I have a very strong interest in Missouri Streams and I see the necessity for the classifications of Missouri Streams.

I look at the Classification of streams and lakes as a real opportunity to enhance and reenergize the public awareness for clean streams for Missouri. If organized well it would give local citizens some means of real ownership by providing them opportunities to help in the classification and even maybe naming the streams that have not been designated with some nomenclature.

Since the influence of developers is somewhat subdued by the recession, this is a perfect time to pursue a project of classification and protection. In the 90's when development was running rampant the HBA had such influence politically that it hindered a lot of my efforts in developing local ordinances and protection for our streams.

Developers were so powerful that they demanded that the Great River Greenway not use the term watershed in the Greenway Plan. Watersheds are referred to now as greenways.

I think this protection and reclassification is way over due and I applaud the MDNR for providing an opportunity to consider this project.

I am retired and not as active in clean water issues as I once was but I hope we have the opportunity to meet in the near future.

Sincerely,

Gerald Boehm, CISEC
Brookside Environmental Services, LLC

Gerry Boehm
6 Brook Lane
O'Fallon MO 63368-8119

Schaben, Darlene

From: Madeline Buthod <madmonkeybutler@aol.com>
Sent: Tuesday, September 17, 2013 12:09 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Madeline Buthod

Hoke, John

From: Andrew Canham <canham.andrew@gmail.com>
Sent: Friday, September 06, 2013 6:35 AM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,
Andrew S. Canham
St. Louis, MO

Hoke, John

From: Stuart Caswell <scaswell3@yahoo.com>
Sent: Saturday, September 07, 2013 8:49 AM
To: Hoke, John
Subject: Fw: Issue Alert: Show your SUPPORT for Missouri Waters

Dear Mr. Hoke,

I am very much in support of this proposed rule for Clean Water Standards.

Stuart Caswell
Stream team leader for teams 2264, 3949, and 4503

----- Forwarded Message -----
From: Missouri Stream Team Watershed Coalition <hollyneill@mstwc.org>
To: scaswell3@yahoo.com
Sent: Friday, September 6, 2013 5:06 PM
Subject: Issue Alert: Show your SUPPORT for Missouri Waters

MISSOURI STREAM TEAM
WATERSHED COALITION

Show Your Support for Missouri Waters

Showing your Support

Your presence can help show the Missouri Department of Natural Resources and the Clean Water Commission that you support our state's waters. Currently, more than 150,000 miles of waters, as well as lakes, ponds, and wetlands remain without scientific standards to prevent potential pollution because they are considered 'unclassified waters'. These unclassified streams lack legal recognition that their waters should be healthy enough to support aquatic life and clean enough for swimming (described as "fishable/swimmable").

The Missouri Department of Natural Resources is proposing a rule that would take steps to classify a portion of the currently unclassified waters. Although the proposed rule will leave some waters without protection, it is still a step in the right direction.

Missouri is the last state that leaves more than 80% of our waters as unclassified.

It is important that the Missouri Department of Natural Resources and the Clean Water Commission know citizens support our water resources.

You can take action by:

- Wearing your favorite shade of blue and attending the Clean Water Commission public hearing on the proposed rule **Wednesday, Sept. 11, 2013 9 a.m. - 3 p.m., Lewis and Clark State Office Building, 1101 Riverside Dr., Jefferson City, MO 65101**

- Sending comments by September 17 to:

John Hoke, Missouri Department of Natural Resources, Water Protection Program
P.O. Box 176, Jefferson City, MO 65102-0176
Or email: john.hoke@dnr.mo.gov

Learn More

- **Water Quality Standards Proposed Rule**
- **Interactive Maps**

Missouri Department of Natural Resources

Missouri Department of Natural Resource GIS Data Guide

Missouri Coalition for the Environment

Quick Facts

Proposed Rule:

- lists 115,000 total miles of streams/rivers (currently there are only 25,000 miles listed
- lists 2,120 Lakes/Reservoirs
- designates fishable/swimable uses for listed waters, which makes them subject to scientific water quality

Missouri Stream Team Watershed Coalition

One goal of the Missouri Stream Team Watershed Coalition is to encourage advocacy amongst the Stream Team Community. One way we do this is by sending out Issue Alerts that will give your Team the opportunity to voice an opinion regarding issues related to protection of our water resources.

standards to
protect aquatic life
and recreational
use

www.mstwc.org

Forward this email

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This email was sent to scaswell3@yahoo.com by hollyneill@mstwc.org |
Instant removal with SafeUnsubscribe™ | Privacy Policy.
Missouri Stream Team Watershed Coalition | PO Box 2132 | Ozark | MO | 65721

Schaben, Darlene

From: Melanie Cheney <bigmuddygirl@gmail.com>
Sent: Tuesday, September 17, 2013 2:56 PM
To: Hoke, John
Cc: Moenviron Board
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

Missouri is the last state that leaves more than 80% of our waters unclassified. Currently, more than 150,000 miles of waters, as well as lakes, ponds, and wetlands remain without scientific standards to prevent potential pollution because they are considered 'unclassified waters'. These unclassified streams lack legal recognition that their waters should be healthy enough to support aquatic life and clean enough for swimming (described as "fishable/swimmable").

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to *all waters of the state in Missouri* as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Melanie Cheney

RECEIVED

SEP - 5 2013

WATER PROTECTION PROGRAM

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

Christina Vodicka
21155 St. Rt. NN
Cook Station, MO 65449

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke,

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. As a rural property owner in Missouri who spends a lot of time on our waters I care that our streams are safe and protected now and for my daughter's generation and beyond.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule advancing water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I am proud to live in Missouri and believe it is an amazingly beautiful state. I look forward to clean streams and protected waters.

Respectfully,

Hoke, John

From: Brian Connor <bconnor@jburroughs.org>
Sent: Friday, August 30, 2013 10:49 AM
To: Hoke, John
Cc: jwagner@jburroughs.org
Subject: Water Quality Standards

Dear Mr. Hoke:

I am increasingly alarmed by the developments regarding water safety in the U.S. in general, and in Missouri specifically. With increased Fracking operations with poor environmental regulation and accountability, our aquifers are in serious peril. We need to take stronger measures to protect the water supplies on which we all depend.

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same. Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness. The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

I hope that you will do the right thing for future Missourians. I have lived in this great state all of my life, and I know that the steps our forbears took to protect wildlife for hunters and nature lovers alike have benefitted all of us. Please know that even though there are monetary costs involved, that expenditure is worthwhile. Future generations will thank us for our foresight in protecting our waters. Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

Brian Connor
Glendale, MO

Hoke, John

From: Shirley Crenshaw <srcrenshaw@charter.net>
Sent: Friday, August 30, 2013 3:11 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Shirley
Shirley Crenshaw, MSW, LCSW
www.attachmenttrauma.com
Crenshaw Inc.
1411 Willow Brook Cove #10
St. Louis, MO 63146-4972
(314)374-4753 (F)(314)994-2181
srcrenshaw@charter.net

Schaben, Darlene

From: Bob Criss <criss@wustl.edu>
Sent: Tuesday, September 17, 2013 4:31 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

Please support the Proposed Rule for 10 CSR 20-7.031 regarding Water Quality Standards in Missouri. I understand what is at stake because our laboratory at Washington University has made thousands of water quality analyses of Missouri waters, and we have published numerous papers on the results. Either I or other members of our research group collected all of these samples, so we have detailed, first hand knowledge about the unacceptable character of our unprotected stream reaches. The proposed rule is a positive step.

Many thanks,

Bob Criss
Professor, Washington University

Hoke, John

From: Steve <stevecrock23@gmail.com>
Sent: Monday, September 23, 2013 12:50 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,
Steve Crock
4 Forrester Dr
Manchester, MO 63011

Hoke, John

From: Sandra Delcoure <sdelcoure@sbcglobal.net>
Sent: Sunday, September 08, 2013 1:51 PM
To: Hoke, John
Subject: clean streams

Dear Mr. Hoke,

I support our water resources with the Water Protection Program. If you are in St. Louis there will be a meeting you may attend on the cleanup of Coldwater Creek on October 24 at 1:00 P.M. at Black Jack City Hall in the city of Black Jack, MO. This creek has a long way to go for a complete cleanup but efforts are being taken for this at present.

Sincerely,
Sandy Delcoure
Missouri Stream Team Member
Team #30

Hoke, John

From: David Dempsey <dave@partaxteam.com>
Sent: Wednesday, September 04, 2013 10:51 AM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

DO THE RIGHT THING MR. HOKE.

Sincerely,

David G. Dempsey, tax payer for a better world

Schaben, Darlene

From: Lauran DeRigne <lederigne@hotmail.com>
Sent: Monday, September 16, 2013 9:29 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Lauran DeRigne

Sent from my iPhone

Hoke, John

From: Kathy Dolson <kdolson1@aol.com>
Sent: Friday, August 30, 2013 3:35 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Kathleen Dolson
St. Louis, MO

Hoke, John

From: Sara Edgar <sara.edgar@sierraclub.org>
Sent: Friday, August 30, 2013 10:34 AM
To: Hoke, John
Cc: moenviron@moenviron.org
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Clean water is one of the most valuable assets we have. Not only is it the source of all life, but it is crucial to our economy and our health. The residents of Missouri depend on decision makers such as yourself to do all that you can to protect us from pollution that puts us all at risk.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,
Sara Edgar

--
Sara Edgar, MSW
Sierra Club
sara.edgar@sierraclub.org
(314) 644-0890 (o)
(314) 497-8757 (c)

http://content.sierraclub.org/coal/missouri
www.facebook.com/MOBeyondCoal
twitter.com/MOBeyondCoal

Hoke, John

From: Marypat Ehlmann <mtemann@sbcglobal.net>
Sent: Sunday, September 08, 2013 12:44 PM
To: Hoke, John
Subject: proposal

September 8, 2013

John Hoke
Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Mr. Hoke,

Clean water for all living creatures, be they human or otherwise aquatic related, is important to me. Therefore, I strongly urge you to do what's possible to make all of Missouri's waterways classified and protected.

Currently, with the more than 150,000 miles of waters, as well as lakes, ponds, and wetlands remaining without scientific standards to prevent potential pollution, Missouri is the last state that leaves more than 80% of our waters as unclassified. These unclassified streams lack legal recognition that their waters should be healthy enough to support aquatic life and clean enough for swimming (described as "fishable or swimmable").

As a Missouri citizen I support classified waterways and protected water resources.

Sincerely,

Marypat Ehlmann
7330 Richmond Pl.
Maplewood, MO 63143

Schaben, Darlene

From: John Fish Kurmann <willowjohn@gmail.com>
Sent: Monday, September 16, 2013 8:25 PM
To: Hoke, John
Subject: Proposed amendments to water quality standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

VIA email john.hoke@dnr.mo.gov

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters and all the beings that live in and rely on them.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act. As a Missourian, I think this is embarrassing.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

regards,
John Fish
3955 Wyoming St.
Kansas City, MO 64111

--
"You can never get enough of what you do not really want." - Huston Smith, scholar of religious studies

"You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete." - R. Buckminster Fuller, architect, designer, inventor

“We have an economy where we steal the future, sell it in the present, and call it GDP [gross domestic product].” - Paul Hawken, author and entrepreneur

USA 33

Save our Streams
for our grandchildrens to
grand children

MK
9,16,2013

John Hoke
mo Department
of Natural Resources
water protection
program
PO Box 176
Jefferson City
mo
65102

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De Soto, MO USA

Robert Foster
4106 Old State Road
De Soto, MO 63020

USA 33

Hi, as a Citisan
& member of the
Stream team 956 21 yrs
I Support Clasification
of our water ways
For our Kids grand Kids
& our Grand Kid
Grand Kids.
we have come a lors way
since the 60's

Valles Mines
Bob Foster

SEP 17 2013

John Hoke
mo Department
of Natural Resourses
water protection
Program
PO Box 176
Jefferson City
Mo 65102

Schaben, Darlene

From: Joann Franklin <franklindnp@gmail.com>
Sent: Monday, September 16, 2013 6:12 PM
To: Hoke, John
Subject: Clean water in Missouri

Please protect the streams of Missouri. Water is an important resource needed for life. It is mandatory that we treat our streams as valuable and precious. I know first hand how a stream can be ruined because I live on the East Fork of the Black River which went from the clearest stream in the Ozarks to a damaged stream from deliberate Ameren corporate neglect. This stream may take sixty years to heal because of continual colloidal particles being deposited Because of the Taum Sauk Dam. We should keep all our streams healthy for fish, crawdads, wildlife and swimming and recreation.

Dr. JoAnn Franklin APRN
Family, Geriatric and Psychiatric Nurse Practitioner Clinical Instructor Missouri Quality Initiative for Nursing Homes (MOQI) University of Missouri Sinclair School of Nursing

Hoke, John

From: Karen Glaub <ksglaub3@gmail.com>
Sent: Friday, August 30, 2013 12:29 PM
To: Hoke, John
Cc: moenviron@moenviron.org
Subject: Proposed Rules

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176
VIA email john.hoke@dnr.mo.gov

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by

2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

MORE AND MORE SCIENTISTS HAVE BEEN SAYING THAT CLEAN DRINKING WATER FOR THE PLANET WILL BECOME MORE SCARCE IN THE COMING DECADES. IT IS ONE OF THE MOST IMPORTANT THINGS WE NEED TO PROTECT, TO ENSURE THE SURVIVAL AND HEALTH OF THE GENERATIONS TO COME. I URGE YOU TO CONSIDER OUR CHILDREN AND GRANDCHILDREN'S-WELL BEING AND FUTURE.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.
Thank you for the opportunity to comment. I look forward to clean streams in Missouri.
Yours truly,
Karen S. Glaub
Perryville, Missouri
573 517 7292

Schaben, Darlene

From: Lynn Goode <lynn_goode@hotmail.com>
Sent: Tuesday, September 17, 2013 1:40 AM
To: Hoke, John
Subject: Clean Waters in Missouri

Dear Mr. Hoke,

I live in Missouri and care very much about clean water for all. I'd like to see our state apply default fishable/swimmable use designations to our waters. We are far overdue for this positive move.

Please do what you can to establish protections for all state waters and achieve compliance with state law and with the Clean Water Act.

Thank you!

Lynn Goode
8783 Brentwood Pl.
St. Louis, MO 63144

Schaben, Darlene

From: Kent Graves <ozarkslandman@yahoo.com>
Sent: Monday, September 16, 2013 7:41 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Kent Graves
6365 E. Ridgeline Dr.
Springfield, MO. 65809

Kent Graves
Shamrock Realty, Inc.
6365 E. Ridgeline Dr.
Springfield, Mo. 65809
417-849-2213
417-887-9241 fax
http://www.YourRealtyBroker.com

Hoke, John

From: Hope Gribble <hope.gribble@mobot.org>
Sent: Wednesday, September 04, 2013 1:37 PM
To: Hoke, John
Subject: RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

VIA email john.hoke@dnr.mo.gov

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Hope Gribble

Hope Gribble, LEED Green Associate | U.S. Green Building Council - Missouri Gateway Chapter | Education & Green Schools Coordinator
4651 Shaw Blvd. | St. Louis, MO 63110 | 314.577.0225 | (f) 314.577.0847 | hope.gribble@mobot.org | www.usgbc-mogateway.org

Participate in the Green Schools Quest: A Project Based Challenge to devise and implement, with the help of Green Mentors, the most creative, effective and no or low cost sustainable practices for schools in Missouri & southern Illinois.

RECEIVED

SEP 23 2013

WATER PROTECTION PROGRAM

SEPT 18, 2013

JOHN HOKE MO DEPT OF NATURAL RESOURCES

Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri. Sincerely,

Sarah Giesedieck

Schaben, Darlene

From: Paul & Cindy Gross <pagross@swbell.net>
Sent: Tuesday, September 17, 2013 9:40 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

Cindy Gross

September 18, 2013

Mr. John Hoke
Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

RE: Proposed Amendment to 10 CSR 20-7.031 - Water Quality Standards

Dear Mr. Hoke:

I am sending this letter to comment on the Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards published in the *Missouri Register* on June 17, 2013. I was pleased to provide oral testimony at the Clean Water Commission meeting of September 11, 2013, and am equally pleased to provide additional comments in writing.

I am an aquatic ecologist by trade. My current position involves the ecological restoration of both aquatic and terrestrial habitats. In the past, I helped to write total maximum daily loads (TMDLs) for the Iowa Department of Natural Resources, particularly focusing on waters that were listed for an aquatic life impairment with unknown causes. Many of the comments I would make as a professional have already been made, either in my oral testimony, or by organizations of which I am and active participant: the River des Peres Watershed Coalition and the Missouri Stream Team Watershed Coalition. However, I would like to express one concern that I have not seen raised before. I am disturbed by the language in the amended rules that is designating uses as types of "aquatic habitat." While the support of aquatic life in stream is dependant in part on the availability of appropriate habitat, the water chemistry and riparian characteristics of a waterbody are also important to the support of the aquatic life use. I believe that the use of the term "aquatic habitat" in this context is misleading and should be changed to "aquatic life."

My family and I spend many of our leisure hours in, on, and around the lakes, rivers, and streams of the St. Louis area. We have paddled many lakes and rivers, most commonly Simpson Lake, Creve Coeur Lake, the Mississippi River, the Missouri River, the Meramec River, and the River des Peres. We have hauled trash out of many small streams. We have tested water chemistry and used kick nets to collect and identify the aquatic invertebrates living in the streams.

People, especially children, are drawn to water. When we go anywhere with a lake, pond, river, or stream, the first thing my kids want to do is explore it with reckless abandon. They want to find the fish. They want to skip stones. They want to see how cold it is. They want to wade in the water. They want to splash around and see who can make the biggest wave.

I ask you to keep my children, your children, your neighbor's children, and all of Missouri's children, in your thoughts as you carry out your important mandate to protect the water resources of the State of Missouri. The health and safety of this generation and of future generations can be impacted by your decisions. Our streams, rivers, lakes, and wetlands are going to be a legacy we leave to future generations; it is up to you to shape the legacy we leave behind.

Thank you for considering my comments, and for your service to the State of Missouri.

Sincerely,

Danelle and Hogan Haake
Webster Groves, Missouri 63119
Stream Team 2760

Schaben, Darlene

From: Dave Haessig <dghaessig@yahoo.com>
Sent: Monday, September 16, 2013 5:57 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

As a Missourian who have been ended up with a severe case of cellutitis from paddling on Missouri water I feel that action is needed to prevent others from getting ill by being exposed to Missouri streams.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Schaben, Darlene

From: Margaret Hermes <hermes.margaret@gmail.com>
Sent: Saturday, September 14, 2013 10:08 AM
To: Hoke, John
Cc: Heather Navarro
Subject: Water Quality Standards

John Hoke, Missouri Department of Natural Resources Water Protection Program ☐

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I have been a resident of Missouri for 36 years.

As one who has enjoyed many days of floating on breathtaking Missouri rivers, I seek the implementation of Clean Water Act standards upon all Missouri streams, lakes, and wetlands to restore and preserve our state's most important – and most inspiring – natural resource.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards should be the next – but not final – step. It falls short of providing default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Nearly every other state applies default fishable and recreational uses to its waters. With its amazing system of waterways, Missouri should be a leader in this area.

The Deptartment of Natural Resources had promised to have default fishable/swimmable use designations for Missouri waters established by 2003. Ten years have passed. I know I don't have another 36 years at my disposal to wait to see the full implementation of the Clean Water Act.

We need to ensure the quality of our waters to safeguard the habitat of myriad species, like the endangered Missouri hellbender, to promote tourism, to safeguard the health of residents and visitors alike, and to secure this vital heritage for coming generations.

Please approve this Proposed Rule. And then please resolve to implement protections for all Missouri waters. Our state's greatest treasure is its system of once pristine waterways.

Thank you for your consideration.

Sincerely yours,

MargaretHermes

hermes.margaret@gmail.com

6107 Kingsbury Ave

St. Louis, MO 63112

Schaben, Darlene

From: Suzanne Hunt <suzandy1@sbcglobal.net>
Sent: Monday, September 16, 2013 9:39 PM
To: Hoke, John
Subject: 10 CSR 20-7.031 Water Quality Standards

To the Clean Water Commission

RE: 10 CSR 20-7.031 Water Quality Standards

I am a founding member of Stream Team 4018, the Pleasant Valley Crew. My team monitors water quality on an Ozark stream. The quality of our aquatic resources directly impacts flora and fauna in our state as well as public health. We are a part of Missouri Stream Team Watershed Coalition and urge you to move forward with the proposed Water Quality Standards.

The Missouri Stream Team Watershed Coalition (MSTWC) is a 501c3 non-profit organization that works to support the Missouri Stream Team Program and our Stream Team Associations. Associations are groups of Stream Teams within watersheds who work together. MSTWC is made up of representatives from Stream Team Associations throughout the state. The Missouri Stream Team Program has over 80,000 citizen volunteers, over 4,000 Teams, and 18 Associations all working across the state to protect and improve our waterways.

MSTWC would first like to commend the Missouri Department of Natural Resources for carrying out a stakeholder process to produce the proposed ruling in the 10 CSR 20-7.031 Water Quality Standards. We understand the need to balance interest such as water users, agriculture, recreation, and the resources when creating rulings to protect our water resources or any natural resource. We feel the proposed ruling does reach a type of compromise when considering a variety of interest and the economic impact.

MSTWC speaks on behalf of the resource; our waters. We support the proposed ruling and realize this is a huge step in the right direction. We also understand improvements can be made to the proposed ruling in the future and we look forward to being part of that process.

We hope you as members of the Clean Water Commission understand the importance of approving this ruling. MSTWC hopes Missouri can finally join the rest of our nation by classifying more of our waters leading to better protection and improvement of this precious resource.

Sincerely,
Suzanne Hunt
Stream Team 4018

6150 Cherry Street
Kansas City, MO 64110

Schaben, Darlene

From: plasma@brick.net
Sent: Tuesday, September 17, 2013 12:08 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

Like the blood that flows through our bodies, OUR STREAMS' WATER FLOWS through the state and through the US, and circulates eventually throughout the WORLD. (I won't bother you with the details of plant transpiration, evaporation, capillary action, and so on. Just know that everything is connected to everything else.)

And like it is said simply and succinctly, "what goes around, comes around." (This also applies to air... etc.)

THEREFORE, ALL WATERS THAT BATHE OUR WORLD and CLEANSE our WORLD should be covered by the rules you and the DNR are proposing.

It is UNACCEPTABLE that any powerful individual, corporation, business, agri-conglomerate, etc., be allowed to pollute and degrade what belongs, in truth, to all of us and all futures of all our people, creatures, plants, fish, birds, bees and other denizens of the Natural Kingdoms here on Earth.

Your God, for I'm sure you're a believing sort of person, would expect you to honor your God-In-Action. Do it!

Rose Jenkins, St. Louis county, Mo. 63130

Schaben, Darlene

From: Eric Karch <ericjkarch@gmail.com>
Sent: Wednesday, September 18, 2013 7:49 AM
To: Hoke, John
Cc: Danelle Haake (RDPWC); Steve Nagle; Susan Mintz; Theodore Smith; Matthew Hannon
Subject: Comment Letter - Proposed Rulemaking for 10 CSR 20-7.031 WQS
Attachments: 130918_RdPWC_CommentLetter_10CSR20_7_031_WQS.pdf

Mr. Hoke,
Please accept this digital copy of our comment letter on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I am also mailing a hard copy.

Thank you,
River des Peres Watershed Coalition
Eric Karch, Chair

September 17, 2013

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Mr. Hoke,

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters. Please approve this Proposed Rule which advances water quality protections in Missouri, however, I have significant concerns that we want to see addressed as the state implements the rule.

The proposed rule does not provide a clear pathway for improvement for many of our streams, specifically many of our urban streams. I'm concerned that the proposed rules make it too easy to designate the use of urban waterways as either "modified aquatic habitat," which has very little protection, or as "man-made systems constructed solely to treat or convey stormwater," which has no protection. In my region, the Metropolitan St. Louis Sewer District defines any stream to which anthropegenic features have been added as an "improved channel." In MSD parlance, improved channels includes heavily impacted concrete lined channels that receive sewer overflows, but also includes minimally impacted channels that have received a rock revetment to address bank erosion. I worry that the classification language is not well defined and even a minor amount of "improvement" to the channel might invite the designated use of "stormwater conveyance."

Once assigned a lesser designated use, it appears that the proposed rule does not provide for a pathway for improvement. The spirit of the Clean Water Act is to strive toward making all waters fish-able and swimmable. I understand that budgetary constraints are such that the State of Missouri cannot implement improvement strategies on all creeks simultaneously, and some outliers at the bottom of the list may wait a long time to see any improvement. However, the budget is a separate issue to the goal, and we should not codify lack of attainment with a classification system that will put many of our urban waters into an untouchable class. This is counter to the Clean Water Act.

The second point I want to make pertains to the 100K mapping which segments streams into multiple classifications. Two tributaries nearby my home are oddly segmented. Unclassified portions of Deer Creek and Gravois Creeks are surrounded by classified portions. The unclassified stretch of Gravois Creek includes Grant's Farm that might be a National Park someday. Scientists and policy makers are increasingly approaching the health of our aquatic ecosystems on a watershed basis and not a segmented basis as presented in the proposed rule. In fact, the discussion of use attainability states that use attainability "demonstrations will not cause segmentation of a water body, unless the demonstration provides sound data that the designated use is not representative of the water body as a whole." This segmented system presents

conflicting goals where lesser designated use streams flow into higher designated use streams. This complicates the improvement potential of the stream.

I cannot comment on the Use Attainability Assessment (UAA) because it has not yet been developed, but I trust it will require presenting a robust and rigorous argument whether one aims to "upgrade" or "downgrade" a designated use. The RdPWC will work to "upgrade" the designated use for segments of Deer Creek and Gravois Creek, for example, to higher uses than "stormwater conveyance" or "modified aquatic habitat" where appropriate. I urge you to consider the fact that the spirit of the Clean Water Act is default fishable/swimmable use, and therefore the greater burden of proof should fall on those who would downgrade the designation.

In summary, please approve this Proposed Rule which advances water quality protections in Missouri. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

Eric Karch
7310 Shaftesbury Ave
University City, MO 63130

Schaben, Darlene

From: Rosalie Knight <rosethebrave@yahoo.com>
Sent: Tuesday, September 17, 2013 6:33 PM
To: Hoke, John
Subject: Rosalie Knight

September 17, 2013

Dear Mr. Hoke,

Please do everything possible to ensure clean water and streams in Missouri. Water is life,and we must protect this precious resource. Stop by any one of our beautiful lakes and streams and see , really see the water and wildlife. Thanks very much.

Sincerely,
Rosalie Knight
St. Louis, Missouri
e-mail:rosethebrave@yahoo.com

Hoke, John

From: Joseph M. Krutzsch <joseph.krutzsch@gmail.com>
Sent: Wednesday, September 04, 2013 10:22 AM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

VIA email john.hoke@dnr.mo.gov

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

Please make the default protection for our waters that they be put in condition for fishable and recreational use.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

Joe Krutzsch

Schaben, Darlene

From: Thomas Leb <leb.tom@gmail.com>
Sent: Monday, September 16, 2013 9:57 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Importance: High

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

VIA email john.hoke@dnr.mo.gov

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Thomas Leb

Schaben, Darlene

From: Bill Leslie <w.leslie@sbcglobal.net>
Sent: Monday, September 16, 2013 7:07 PM
To: Hoke, John
Subject: RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. As well as being a resident of Missouri, I am writing on behalf of the Ozark Fly Fishers, Inc, a club with 250 members that is concerned with the quality of our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

William F. Leslie, President

Ozark Fly Fishers, Inc

St. Louis, MO

http://www.ozarkflyfishers.org/

Schaben, Darlene

From: Adam Long <along@mail.win.org>
Sent: Monday, September 16, 2013 6:10 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and my family spends time enjoying Missouri's waterways large and small. I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

<u>Adam Long</u>

Schaben, Darlene

From: Suzanne Loui <suzanne.loui@gmail.com>
Sent: Tuesday, September 17, 2013 8:31 AM
To: Hoke, John
Cc: Heather Navarro
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Suzanne Loui, Phd

Washington University

Schaben, Darlene

From: Dudley McCarter <dmccarter@bmplaw.com>
Sent: Monday, September 16, 2013 9:02 AM
To: Hoke, John
Subject: FW: Missouri's Streams

W. Dudley McCarter
Behr, McCarter & Potter, P. C.
7777 Bonhomme, Suite 1400
Clayton, MO 63105
314-862-3800
314-862-3953
Please visit our web site at: www.behrmccarterpotter.com

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-----Original Message-----
From: Dudley McCarter
Sent: Saturday, September 14, 2013 1:20 PM
To: john.hoke@dnr.com
Subject: Missouri's Streams

Mr. Hoke, I have been floating and fishing on Missouri streams for over 50 years. Each year they seem to be at greater risk of being polluted. They are certainly not as clear, clean and beautiful as they were when I first started floating on them as a young boy. As the great conservationist Leonard Hall said in his book Stars Upstream, "the need to preserve areas that are wild and natural increases in America each day that goes by; for it has been truly said that wilderness is a resource that can shrink but never grow" . He believed, as I do, that we are stewards of these streams with the duty to preserve them inviolate from the increased economic demands of our society, which take no account of the natural values of clean streams.
I hope that DNR will substantially improve and enforce the regulations that protect these assets of our state. Thank you.
Dudley McCarter 314-862-3800

Sent from my iPad

Schaben, Darlene

From: Kimberlie McClain <washmomommy@yahoo.com>
Sent: Tuesday, September 17, 2013 2:41 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Kimberlie McClain

Schaben, Darlene

From: Mary Ann Merz <merzma@prodigy.net>
Sent: Tuesday, September 17, 2013 12:26 PM
To: Hoke, John

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176
V
IA email john.hoke@dnr.mo.gov
RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:
I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

I have two young sons, ages 7 and 10, and we like to play in rivers and streams. Unfortunately, they always ask if the water is polluted. We need to clean up our waters so that their generation can play safely just as past generations did.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act. Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Mary Ann Merz, PhD. MPH
former Pike County resident
current University City resident in St. Louis County

Hoke, John

From: MITTENSOCK@aol.com
Sent: Saturday, August 31, 2013 8:50 AM
To: Hoke, John
Subject: Proposed amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. **Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.**

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

Rebecca Minogue

47 Lynnbrook Rd

Frontenac, MO 63131

Schaben, Darlene

From: Becky Erickson <beckyerick711@centurylink.net>
Sent: Friday, September 13, 2013 5:09 PM
To: Hoke, John
Cc: hollyneill@mstwc.org
Subject: support 10 CSR 20-7.031

To John Hoke and the Commission,

The Missouri Stream Team Watershed Coalition (MSTWC) is a 501c3 non-profit organization that works to support the Missouri Stream Team Program and our Stream Team Associations. Associations are groups of Stream Teams within watersheds who work together. MSTWC is made up of representatives from Stream Team Associations throughout the state. The Missouri Stream Team Program has over 80,000 citizen volunteers, over 4,000 Teams, and 18 Associations all working across the state to protect and improve our waterways.

MSTWC would first like to commend the Missouri Department of Natural Resources for carrying out a stakeholder process to produce the proposed ruling in the 10 CSR 20-7.031 Water Quality Standards. We understand the need to balance interest such as water users, agriculture, recreation, and the resources when creating rulings to protect our water resources or any natural resource. We feel the proposed ruling does reach a type of compromise when considering a variety of interest and the economic impact.

MSTWC speaks on behalf of the resource; our waters. We support the proposed ruling and realize this is a huge step in the right direction. We also understand improvements can be made to the proposed ruling in the future and we look forward to being part of that process.

We hope you as members of the Clean Water Commission understand the importance of approving this ruling. MSTWC hopes Missouri can finally join the rest of our nation by classifying more of our waters leading to better protection and improvement of this precious resource.

Respectfully,
Becky Erickson
Stream Team #3986

SEP - 6 2013

WATER PROTECTION PROGRAM

PETER AND LINDA CATALANO
26 DIETZ COURT
WENTZVILLE, MO 63385
PHONE (636) 398-4394

September 2, 2013

John Hoke
Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

RE: Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards.

Dear Mr. Hoke:

I'm writing to encourage you to support the Proposed Rule regarding Water Quality Standards.

As the father of two girls, I think it is important for waterways to be swimmable, open for wading, and containing a variety of wildlife.

Thanks for your cooperation in this matter.

Sincerely,

Peter Catalano

"Think not of yourselves, o Chiefs. Think about the impact of your decisions on the next generation and seven generations beyond."
Iroquois Bylaw

Schaben, Darlene

From: Hannah Reinhart <reinharthc@gmail.com>
Sent: Monday, September 16, 2013 5:16 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sent from my iPad

Schaben, Darlene

From: pilomania@aol.com
Sent: Monday, September 16, 2013 8:22 PM
To: Hoke, John
Cc: moenviron@moenviron.org
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Katy Robling

Schaben, Darlene

From: Yvonne <yrocco@charter.net>
Sent: Thursday, September 12, 2013 8:25 PM
To: Hoke, John
Subject: Clean water

Mr. hoke,
I request that you approve the proposed changes that will protect missouri water at the triennial review.

Yvonne Rocco
14633 Timberlake Manor ct.
63017

Schaben, Darlene

From: RARstl2@aol.com
Sent: Tuesday, September 17, 2013 7:24 AM
To: Hoke, John
Cc: RARstl2@aol.com
Subject: To Missouri DNR re: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Richard A. Rosen
210 North 17th St. # 1404
St. Louis, MO 63103
(314) 436-9155

Schaben, Darlene

From: Claire Schosser <slclaire@att.net>
Sent: Thursday, September 12, 2013 12:02 PM
To: Hoke, John
Subject: Water Quality Standards re proposed rulemaking for 10 CSR 20-7.031

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for
10 CSR 20-7.031 Water Quality Standards. I'm a resident of Spanish Lake, Missouri. From 2009 through 2012 I was the lead person for Missouri Stream Team 3553's CSI project to determine the amount and distribution of E. coli and chloride pollution in Watkins Creek, a small stream in northeastern St. Louis County which is 303(d) listed for those two pollutants. Only the lowest half mile of Watkins Creek is currently listed, however. Our Stream Team's results show that both pollutants are distributed throughout the watershed, in the tributaries to the main stem as well as in the main stem. Thus these tributaries, and the main stem up to its headwaters, should be placed within the fishable/swimmable designation so that they may be cleaned to that level.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, but it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure all waters, Watkins Creek included, stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri and in particular look forward to seeing my home stream, Watkins Creek, swimmable and fishable.

Sincerely,
Dr. Claire L. Schosser
Stream Team 3553
1519 Twillman Avenue
Spanish Lake, MO 63138

Schaben, Darlene

From: David Schwartz <dgschwartz11@yahoo.com>
Sent: Tuesday, September 17, 2013 3:41 PM
To: Hoke, John
Subject: Clean Streams.

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

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Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

David Schwartz
30 Misty Ridge Ct
Saint Charles, MO
63304

Schaben, Darlene

From: Janis Schweitzer <janis.schweitzer@gmail.com>
Sent: Friday, September 13, 2013 5:08 PM
To: Hoke, John
Subject: Missouri Streams

To the Commission,

The Missouri Stream Team Watershed Coalition (MSTWC) is a 501c3 non-profit organization that works to support the Missouri Stream Team Program and our Stream Team Associations. Associations are groups of Stream Teams within watersheds who work together. MSTWC is made up of representatives from Stream Team Associations throughout the state. The Missouri Stream Team Program has over 80,000 citizen volunteers, over 4,000 Teams, and 18 Associations all working across the state to protect and improve our waterways.

MSTWC would first like to commend the Missouri Department of Natural Resources for carrying out a stakeholder process to produce the proposed ruling in the 10 CSR 20-7.031 Water Quality Standards. We understand the need to balance interest such as water users, agriculture, recreation, and the resources when creating rulings to protect our water resources or any natural resource. We feel the proposed ruling does reach a type of compromise when considering a variety of interest and the economic impact.

MSTWC speaks on behalf of the resource; our waters. We support the proposed ruling and realize this is a huge step in the right direction. We also understand improvements can be made to the proposed ruling in the future and we look forward to being part of that process.

We hope you as members of the Clean Water Commission understand the importance of approving this ruling. MSTWC hopes Missouri can finally join the rest of our nation by classifying more of our waters leading to better protection and improvement of this precious resource.

Respectfully,

Janis Schweitzer
143 Hammel Avenue
St. Louis, Missouri
63119 USA
Phone: 314-961-0609

Schaben, Darlene

From: Dan Sherburne <dsherburne@gmail.com>
Sent: Wednesday, September 18, 2013 1:06 PM
To: Hoke, John
Subject: Comment about 10 CSR 20-7.031 - Water Quality Standards
Attachments: 2013-09-18 WQS revision comment - Sherburne.pdf

Hi John -

Attached our my comments on the WQS revisions.

Thanks much-
Dan Sherburne

September 18, 2013

John Hoke
Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Mr. Hoke:

I appreciate the opportunity to offer comments on the proposed amendments to the Missouri Water Quality Standards (10 CSR 20-7.031). I submit the following comments on behalf of myself and Stream Team 4679, of which I am a member.

I have been involved in the unclassified waters issue for several years as research director and later as consultant for the Missouri Coalition for the Environment (MCE). I had the pleasure of representing the Coalition in three separate stakeholder workgroups organized by the Missouri Department of Natural Resources (DNR), in 2006, 2007, and 2009-2010, each of which was given the task of crafting a revision to the Water Quality Standards to incorporate unclassified waters.

All three of these workgroup processes were serious efforts to address this longstanding failure of the state to extend fundamental Clean Water Act (CWA) protections to all of its waters. Each included representatives from watershed organizations, stream teams, sporting interests, environmental groups, stream ecologists, and aquatic biologists—people who were knowledgeable about and who cared about Missouri's streams and who were committed to bringing them under the full protection of the CWA. Of course, lobbyists for the regulated community—municipal and regional sewer districts, industries, and agribusiness—also participated in the workgroups. What made these workgroups different from the many DNR workgroups on other water issues in which I had been involved was that these lobbyists were not the <u>only</u> ones there, apart from agency staff and one or two environmentalists from the Coalition or the Sierra Club. For once, in these unclassified waters workgroups, the regulated community was not able to effectively write their own self-serving regulations.

The last of these three workgroups, in 2009 and 2010, made the most progress toward a revised WQS rule, producing several drafts along the way. When DNR, early in that workgroup process, proposed limiting protections to waters on the USGS 1:100,000 map (also known as the 100K map, the basis for the 1:100,000 National Hydrography Dataset (100K NHD)), the workgroup quickly dismissed the idea. It plainly did not meet Clean Water Act requirements, it became obvious that it would protect only a small portion of the state's unclassified waters that support aquatic life, and DNR acknowledged that nearly every other state had default protections for all

their waters[1]. The group concluded that all of Missouri's waters should be entitled to the same default protections afforded by other states, and the workgroup's rule drafts thereafter all included default fishable/swimmable uses. The workgroup spent most of its time refining the rule language, trying to make sure that the use designations were scientifically valid and properly protective.

Ultimately, this workgroup met the same fate as its 2006 and 2007 predecessors. As with the earlier workgroups, the regulated community eventually made it clear to DNR that they were not happy with the extent of protections being considered, and as it had earlier, DNR compliantly pulled the plug on the workgroup. At the May 5, 2010, Clean Water Commission meeting, DNR abruptly withdrew its request for a Finding of Necessity for a revision to the WQS, citing "universal displeasure with the current drafting of the rule language" on the part of stakeholders. In fact, the "displeasure" was solely on the part of regulated community. The Coalition had expressed concern that DNR was refusing to incorporate language that the workgroup had agreed to but was still, as were other workgroup participants, quite willing to continue to work on a rule that was then still far from finished. At that CWC meeting, DNR indicated that they would "reconvene our stakeholders and see if we can hammer out something that we can move forward on." Indeed, DNR reconvened the stakeholders—but only the regulated community—and over the next year hammered out a proposed WQS rule that restricted protections to waters on the 100K NHD.

The new proposed WQS revisions was presented to the Commission at its May 4, 2011, meeting along with the Regulatory Impact Report on the proposed standards. The rulemaking process continued until, at the March 9, 2012, CWC meeting at which the Commission would have voted on the proposed revision, DNR pulled the rule once again. There, DNR indicated that it had been crafting the rule with "stakeholders represent[ing] a diverse cross-section of the regulated community, from municipalities to business and industry to agriculture," but obviously not with stakeholders representing the rather more diverse interests concerned with protecting water quality, aquatic ecosystems, and recreational opportunities in Missouri. Still, "negative comments greatly outnumbered positive comments" about the rule from the regulated community stakeholders and, with the Coalition's lawsuit against EPA no longer looming, DNR decided to take the time to allow those stakeholders to resolve whatever issues still had with the rule language.

In May 2012, the stakeholders, still virtually all from the regulated community (save for a couple of participants representing the Coalition and a few others from state and federal agencies), resumed their work on the rule. With the extent of the rule's coverage limited to waters on the 100K NHD (the least the regulated community could hope to receive EPA approval) and ignoring wetlands entirely, the workgroup set to work weakening the language of the rule and creating loopholes and what the regulated community amusingly refer to as "off-ramps." These are provisions that would allow members of the regulated community to avoid Clean Water Act

[1] This was demonstrated in a presentation that DNR made to the workgroup, based on research that the department conducted at the workgroup's request, at the April 16, 2009, meeting—a presentation that is unaccountably missing from DNR's Water Classification Group webpage (http://www.dnr.mo.gov/env/wpp/cwforum/adv-uncl-waters-wetlands.htm. There is also no other information about that meeting or the October 28, 2009, meeting, including rule drafts, on the webpage.

requirements by easily getting fishable and/or swimmable uses diminished or removed entirely from waters into which they discharge. The result is the proposed WQS revision now before the CWC, one which bears little resemblance to any of those produced by the previous workgroups which put forth a great deal of time and good faith effort to bring Clean Water Act protections to all of Missouri's waters.

One way to evaluate the proposed WQS is to compare its coverage and language with rule drafts produced by the 2009-2010 workgroup, which had a much broader, more representative set of stakeholders. Since some of the rule language of that workgroup persisted into, but not beyond, the 2011 version, the latter, too, proves to be a useful point of reference to assess what the 2012 regulated community wanted to remove or alter and to infer the purposes toward which those changes were intended.

<u>All waters vs 100K NHD</u>

As noted above, DNR's initial "strawman" draft rule, meant to provoke discussion, to the 2009-2010 stakeholder workgroup proposed restricting the coverage of the "fishable/swimmable" protections required by the CWA to waters included in the 100K NHD. It was clear to participants from the outset, however, that such a restriction did not comport with the basic goal of the CWA that all waters (of the US) meet fishable/swimmable standards. A presentation by the Coalition based on field research in the St. Louis area showed that the 100K NHD was by no means inclusive of waters of the US (or of the state). Streams displayed on the higher-resolution 1:24,000 maps (or 24K maps), but not appearing on the 100K maps, were easily located in the St. Louis region that were clearly perennial and supportive of aquatic life. In addition, streams were found that appeared at neither 100K nor 24K map resolution but were visible on finer-grained topographic Geographic Information Systems (GIS) digital elevation model (DEM) layers. Many of these were streams with rocky substrates that flowed much of the year but were dry during the summer months. These, according to aquatic biologists, would support aquatic life that resided in the substrate or migrated downstream during dry periods or were relied upon by amphibians for part of their life cycle during the months in which the streams flowed. In other words, these streams, of which there are at least tens and likely hundreds of thousands of miles in Missouri, but which appear on neither the 100K or 24K maps, are also waters of the US (and state) and support aquatic life. With over 70% of permitted pollution (NPDES) discharges in Missouri occurring on unclassified waters, it was clear to the workgroup that these waters, regardless of size or map resolution, required protection.

The workgroup then asked DNR to look at how other states provided fishable/swimmable protections, with a particular focus on how many gave those protections on a default basis to all waters in the state. As indicated above, DNR provided that information in a presentation at the April 16, 2009, workgroup meeting. The thrust of the presentation was that the great majority of states do indeed assign default uses to all waters in their states. Given the legal requirement for such default protections, the evident scientific basis for doing so, and the obvious ability of states to implement such policies, the workgroup determined—and DNR concurred—that default fishable/swimmable protections should be included in any WQS rule revision. Every subsequent rule draft included those protections.

That is, every draft included default protections until DNR gave into pressure from the regulated community, which found it easier to apply that pressure in private meetings with DNR than in the workgroup meetings, and terminated the 2009-2010 workgroup. The next draft to emerge, in 2011, was the product of DNR working solely with the regulated community, and it reinstated the 100K NHD restriction, without legal, scientific, or policy basis. Rather laughable logistical rationalizations were given by DNR, but the real reason was the fear of the regulated community of additional treatment costs and the prospect of impaired waters (303(d)) listings on the smaller, unclassified waters into which most facilities discharged.

Some hopeful commenters at the September 11, 2013 CWC hearing suggested that the extending protections to the 100K NHD was a good start and that broadening those protections to more and perhaps all waters was on the horizon. I see no such path forward. If the CWC votes in favor of the proposed rule in its present form and EPA approves that 100K NHD limitation, there is no reasonable prospect for extending protections to uncovered unclassified waters in the foreseeable future. With no further EPA pressure to do so, DNR and the Commission would have no incentive to act on the hundreds of thousands of miles of unprotected waters. Should they attempt to do so, for whatever reason, they would face enormous opposition from the regulated community, the considerable power of which in Jefferson City, and with DNR in particular, has been evident over the years. There was no testimony from any of their lobbyists at the September 11 CWC meeting to suggest that they see the 100K NHD as anything other than an upper end to the waters to be protected. Indeed, their efforts in crafting the rule language indicate that they are more focused on removing waters from fishable/swimmable protections, not adding them.

Use designations

The key to strong Clean Water Act protections is the designation of uses. It defines the water quality goals to be set for waterways, goals that generally reflects their natural condition, were there no man-made pollution or other damage. It does not matter what the current conditions of the waterways are or whether the uses, recreation or aquatic life, are now being met. The presumption is that the goals are attainable with adequate protection. The goals in turn determine the limits to the pollution the waterways can accommodate and still meet that goal. If those limits are exceeded and those uses are not maintained, the water is then determined impaired and in need of remediation.

The 2009 workgroup built its "fishable" use designations toward the protection of "aquatic communities." It defined "aquatic community" as "a balanced, integrated, and adaptive assemblage of organisms that live at least part of their life cycle in water and having natural species composition, diversity and function and species introduced by state or federal wildlife management agencies." Note the emphasis the definition provides to a "balanced, integrated, and adaptive" community with "natural species composition." That represents a goal that a waterway should be able to meet if it is not damaged or polluted. Note also that "the aquatic community" includes organisms, such as amphibians, that do not live in the water year-round but that do rely on it for part of their life cycle. The "aquatic community" was the focus of each "fishable" use designation, whether warm-water, cool-water, cold-water in the draft rule. This concept, this goal, survived even into DNR's 2011 proposed WQS revision.

The regulated community, in the 2012 workgroup, however, stripped "aquatic communities" out of their proposed rule entirely, both in the definitions and in the use designations. Instead, it redefined the goal as protecting "habitat," with use designations now labeled "Warm-Water Habitat," etc. Habitat is certainly important, as a means of providing some of the conditions for aquatic life. But habitat itself is not the goal. The CWA goal is "the protection and propagation of fish, shellfish, and wildlife"[2]—in other words, protection of the aquatic community.

Most waters in Missouri would be covered by the warm-water use designation. The 2009-2010 workgroup produced the following language for warm-water aquatic community use designation: "Indigenous warm-water aquatic community in waters of the state that occur under natural water quality and habitat conditions."[3] It defines the goal as protecting the aquatic community that is native to those waters under naturally occurring conditions. Contrast this with the currently proposed warm-water habitat use designation: "Waters in which water quality and habitat conditions allow the maintenance of a wide variety of warm-water biota."[4] There is no requirement that the biota be native—it could be invasive for all we know—or that it that it be what would appear under natural conditions. Indeed, "a wide variety of warm-water biota" is so vague and encompassing as to be meaningless. It is hard to imagine a stream where one could not find at least a wide variety of pollution-insensitive and invasive species. It obviously does not meet the CWA standard that the use designation constitute the goal for what would be attainable in those waters absent anthropogenic impacts.

The reasons for the regulated community's weakening of the warm-water use designation, as well as the similar weakening of those for cool and cold water, are clear. While the much stronger language of the earlier workgroup would have required tight pollution controls to achieve use designation goals, the rather pitiful "goals" in the proposed rule would allow for much looser pollution standards and, hence, more pollution in the streams. And given that it is difficult to impair a stream that only needs to support "a wide variety of biota," one can expect that 303(d) impaired waters listings would be greatly reduced, producing cost savings for dischargers to those waters. Such use designations as those currently proposed, then, for warm, cool, and cold-water "habitat" in themselves constitute a significant "off-ramp" for the regulated community.

Should dischargers manage to damage a stream to the point that it could not support even some pollution-insensitive biota, they could still avoid 303(d) listing by taking an even better off-ramp. They could, rather easily, get it designated as a Modified Aquatic Habitat, a permanent dead-end for what would be treated as an irremediably damaged stream. No further pollutant limits of any consequence, no further concern for 303(d) listings, and no further treatment expenses. In the proposed rule, Modified Aquatic Habitat (MAH) is defined as "Waters in which water quality and habitat conditions prevent the maintenance of a wide variety or diversity of aquatic biota." This is essentially a "non-use" designation, clearly contrary to the intent of the CWA. There could be no criteria set for this use, as there would for warm, cool, and cold-water uses, because

[2] CWA, Section 101(a)(2)

[3] Identical language, with "cool" and "cold" replacing "warm," was used in the "cool-water aquatic community" and "cold-water aquatic community" use designations, respectively.

[4] Here, too, identical language, with "cool" and "cold" replacing "warm," was used in the "cool-water aquatic community" and "cold-water aquatic community" use designations, respectively.

the potential causes for the degradation of the waters are themselves diverse. Yet the definition makes no mention of setting site-specific criteria for waters downgraded to MAH, much less establishing a process for doing so. As such, the MAH use is, as written, simply a repository into which degraded waters could be dropped, with no indication that they would be provided any further protections. Note that the definition for MAH use is essentially the same as that for impairment, which would otherwise be used to address the source of impairment in a given water through a 303(d) listing and TMDL in order to restore that water to full use. The MAH use thus becomes a readily available substitute for 303(d) listing—one that would impose no cost on dischargers (beyond conducting a use attainability analysis) and that would remove the need for any action to restore waters so designated to full use.

DNR proposed a similar provision, then named "limited warm-water aquatic community," early in the 2009-2010 workgroup process. Although there was considerable, sustained stakeholder opposition to the provision, DNR doggedly refused to drop it, despite not being able to offer compelling reasons for it or assurances that it could not be (mis)used in the ways discussed above. It was clear then, and now, that the provision was meant to benefit those entities in the regulated community which discharge into heavily modified, predominantly urban streams. They fear that these streams, once given fishable/swimmable uses, would be considered impaired and placed on the 303(d) list. Even though it has quite often been those entities' actions that have caused the degradation, they would rather have those streams treated as permanently and irremediably damaged though a non-use designation like MAH than take the measures needed to restore those steams to health. Although the MAH designation offers a rather easy means for these entities to avoid having to take such actions, the regulated community in the 2012 workgroup came up with yet another off-ramp for dischargers on heavily modified urban waterways.

The 2009-2010 workgroup had crafted language early on to exempt certain manmade waste treatment systems from being considered waters of the state and thus susceptible to use designation. That language generally read: "the term 'waters of the state' does not include…manmade waste treatment systems <u>neither created in waters of the state nor resulting from the impoundment of waters of the state</u>" (my emphasis). The provision specifically did not allow this exemption to apply when the systems were inserted into waters of the state or impoundments therein. This language survived all the way through DNR's 2011 proposed WQS revision.

The 2012 workgroup completely changed this exemption for manmade waste systems, ridding it of this critical restriction. The current language in the proposed rule reads: "Designated uses shall not be assigned to the following structures: A. Man-made systems constructed solely to treat or convey wastewater or stormwater." With the restriction applied by the previous workgroup (and DNR) removed, such conveyances constructed in waters of the state—and effectively those waters as well—would now be exempted from use designations. It was made clear at the September 11, 2013, that the regulated community interprets this provision as applying to urban waters that have been heavily modified to convey stormwater, and they obviously altered the previous version expressly to allow such waters to be exempted from CWA fishable/swimmable protections.

This provision, as well as the MAH designated use, holds critical implications for urban waters that have typically been altered and used by municipal sewer districts to transport treated (and sometimes untreated) wastewater and stormwater. Though channeled, riprapped, concreted, and polluted, these waters, and aquatic life within them, continue to survive. As many cities have discovered, these seemingly irremediably-damaged waters can be reclaimed and restored, and those cities now benefit from the recreational use and economic value that those waters, now finally cared for, are once again providing. Watershed and conservation organizations as well as civic groups in cities across Missouri are working now on improvements to these urban arteries, with the goal, long-term as it may be, of restoring them to ecosystem health and turning them into vital economic and civic assets. These two proposed provisions would together fully undermine these efforts and sentence these urban waters to permanent degradation.

The preceding comparisons of the products of the 2009-2010 workgroup and those of the 2012 workgroup that constitute the current proposed WQS revisions make rather obvious the importance of including a broad range of stakeholders in workgroups assigned such significant tasks. The 2009-2010 workgroup had such broad representation and, with sustained good faith effort, was well along in crafting a rule revision that would have met CWA requirements in providing sound fishable/swimmable protections to all Missouri waters when the workgroup was disbanded and their work largely discarded. DNR opted instead to work with and on behalf of a workgroup dominated by the regulated community, whose narrow financial "stake" consistently leads it to subvert the intent of the CWA, evade its clear requirements, and deny to the people and waters of Missouri the protections against pollution that should be theirs. Their proposed WQS revisions would effectively preclude the prospect of ever expanding fishable/swimmable protections beyond the 100 NHD to all Missouri waters, reduce to the point of worthlessness the protections use designations should offer, and provide the regulated community a host of "off-ramps" that would benefit them financially but remove protections from the waters that most need them.

I humbly ask the Commission, therefore, to reject the proposed WQS revisions and direct DNR to constitute a new, broadly representative workgroup that would build upon the products of the 2009-2010 workgroup to craft a new rule revision that would offer meaningful, scientifically valid fishable/swimmable protections, without off-ramps, to all Missouri waters. With a good faith effort, that work could be completed in fairly short order.

Thank you again for the opportunity to offer these comments.

Sincerely,

Dan Sherburne
Stream Team 4679

Schaben, Darlene

From: Jen Sieradzki <jeolja@me.com>
Sent: Tuesday, September 17, 2013 7:34 PM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Jen Sieradzki
Columbia, Missouri

Sent from my iPhone

Schaben, Darlene

From: Helene Slavin <heleneslavin@hotmail.com>
Sent: Tuesday, September 17, 2013 1:22 PM
To: Hoke, John
Subject: Clean water

I urge you to protect all state waters, our wetlands, and include pathways for streams to recover. Helene Slavin

Sent from my iPad

Hoke, John

From: fancyfish42@yahoo.com
Sent: Friday, August 30, 2013 7:34 PM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

VIA **email** **john.hoke@dnr.mo.gov**

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

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Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

Stephanie Stuckey

Schaben, Darlene

From: Tornatore <tornatore_james@yahoo.com>
Sent: Tuesday, September 17, 2013 5:36 AM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

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Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Jim Tornatore
4881 Vermilion Dr
St. Louis, MO 63128

Schaben, Darlene

From: Matt Tucker <matt@ozarkchronicles.com>
Sent: Tuesday, September 17, 2013 7:57 AM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

VIA email john.hoke@dnr.mo.gov

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters. I am also President of the largest chapter of Trout Unlimited in the state of Missouri, with over 670 members. The Gateway Chapter Trout Unlimited is a coldwater conservation organization that believes in fighting for water quality.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Thank You,
Matt Tucker

Chapter President
Gateway Chapter of Trout Unlimited
www.GatewayTU.org

Hoke, John

From: Valko, Phillip <VALKO@wustl.edu>
Sent: Friday, August 30, 2013 9:59 AM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. **Missouri should do the same.**

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater stream

Sincereley,

Phil Valko

1210 North Market Street

St. Louis, MO 63106

Hoke, John

From: Jamie Wagner <jwagner@jburroughs.org>
Sent: Friday, August 30, 2013 10:40 AM
To: Hoke, John
Subject: Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

VIA **email** **john.hoke@dnr.mo.gov**

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

I find it unconscionable that scientific standards have not been established for so many Missouri waterways. I expect the Water Protection Program of the Missouri state government to have as its first and primary objective to protect the water purity of the state, not to kowtow to business interests that would like to pollute our water.

Are you protecting our interests or are you protecting business interests?

Yours truly,

James Wagner

Hoke, John

From: Gwyn Wahlmann <gwahlmann@sbcglobal.net>
Sent: Wednesday, September 04, 2013 10:00 AM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

thank you,

Gwyn Wahlmann
Kirkwood, Mo

Hoke, John

From: Denise W. <denisedomain@yahoo.com>
Sent: Wednesday, September 04, 2013 10:59 PM
To: Hoke, John
Cc: Missouri Coalition for the Environment
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I am a concerned stakeholder in the management of our beautiful state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for *all* waters of the state to protect our wetlands, lakes, and headwater streams, and to achieve compliance with state law and with the Clean Water Act. I believe Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for this opportunity to comment. I look forward to clean streams for my family's recreation in this wonderful state.

Sincerely,

Denise White
1346 Ticonderoga Dr.
St. Peters, MO 63376

Instrumental rationality - the calculation of the most efficient options for achieving a given desire - has overwhelmed Western thinking over the past 300 years, generating a cold, empirical, calculating mindset.
- Adbusters, Journal of the Mental Environment, May/June 2011

Schaben, Darlene

From: Jason White <jasonwhite74@hotmail.com>
Sent: Thursday, September 12, 2013 11:05 PM
To: Hoke, John
Subject: RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:
I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,
Jason White

Hoke, John

From: billjohn1@aol.com
Sent: Wednesday, September 11, 2013 8:31 AM
To: Hoke, John
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

John Hoke, Missouri Department of Natural Resources
Water Protection Program
P.O. Box 176
Jefferson City, MO 65102-0176

RE: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for <u>all</u> waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Yours truly,

William E. John
345 Chestnut Avenue
Webster Groves, MO 63119

Schaben, Darlene

From: rich williams <richw954@sbcglobal.net>
Sent: Monday, September 16, 2013 10:28 PM
To: Hoke, John
Subject: Please do all possible

To Keep Our Waters Clean, All of Them !

Thanks for Me, You and All of Us,
Richard Williams

Hoke, John

From: Zimmerman, Paulette <pzimmerman@ssndcp.org>
Sent: Friday, August 30, 2013 10:54 AM
To: Hoke, John
Subject: Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, however, it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy. These omissions, which are so harmful to other species, also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the Clean Water Act.

Please approve this Proposed Rule, which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for ALL waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters and the life forms that depend on them deserve adequate protections to safeguard their health and our heritage.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

Paulette Zimmerman, SSND

Hoke, John

From: Zimmerman, Paulette <pzimmerman@ssndcp.org>
Sent: Friday, September 06, 2013 3:25 PM
To: Hoke, John
Cc: moenviron@moenviron.org
Subject: Proposed Amendments to 10 CSR 20-7.031 Water Quality Standards

Dear Mr. Hoke:

I am submitting this letter to comment on the Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards. I'm a resident of Missouri and I care about our state's waters.

The Proposed Rulemaking for 10 CSR 20-7.031 Water Quality Standards is a positive step, but it still fails to provide default fishable and swimmable designations to all waters of the state in Missouri as required by state law. Fishable/swimmable use designations enable the application of scientific water quality standards to ensure the waters stay clean enough for fish, aquatic animals, and people. Nearly every other state applies default fishable and recreational uses to its waters. Missouri should do the same.

Because the Proposed Rule omits many of Missouri's headwater streams, lakes, and our wetlands, it would leave habitats of fish, crayfish, mussels, herons, turtles, frogs, salamanders, and other wildlife without sufficient protections to keep them healthy, which is surely a violation of our responsibility to other members of the Earth community. These omissions also put swimmers, waders, floaters and boaters at increased risk of illness.

The Dept. of Natural Resources first promised to have default fishable/swimmable use designations for Missouri waters in place by 2003. Another decade has passed and Missourians are still denied the benefits of the landmark Clean Water Act.

Please approve this Proposed Rule which advances water quality protections in Missouri. In addition, I request that you commit to establishing protections for all waters of the state to protect our wetlands, lakes, and headwater streams and to achieve compliance with state law and with the Clean Water Act. Missouri waters deserve adequate protections to safeguard their health and that of all species, including the human, that depend on them.

Thank you for the opportunity to comment. I look forward to clean streams in Missouri.

Sincerely,

Paulette Zimmerman

Shalom-Justice, Peace, Integrity of Creation
School Sisters of Notre Dame, Central Pacific Province
320 East Ripa Avenue
St. Louis, MO 63125
(314) 633-7009
pzimmerman@ssndcp.org

Shalom-Justice, Peace, Integrity of Creation Office, School Sisters of Notre Dame, Central Pacific Province: Tim Dewane, Jeanne Wingenter, Paulette Zimmerman