



SP CURE Monitoring Committee Meeting Minutes

Thursday February 9, 2023 – 10:00 a.m.

Meeting Location: Virtual

High Level Take-Aways

- The group discussed ongoing developments in the Lakes Nutrients Rulemaking Hearing and potential implications for members.
- SP CURE will be updating the informational White Paper to be able to share with potential partners. The group brainstormed case studies that illustrate the benefit of SP CURE membership.
- City of Thornton provided an overview of the Round Robin Results that evaluated iron and sodium.
- The group reviewed the arsenic study and decided to table this for later in the year due to workloads.

Action Items

- The group to brainstorm potential Confluence at the Confluence topics for this year, to be discussed at a joint meeting with the Board on March 21st.
- Jordan, Erin, and Curt to update the SP CURE educational White Paper.

1. Introductions

2. Discuss/Approve October and December Meeting Minutes

Approved

3. Water Quality Workgroup Updates

a. Water Quality Workgroups

10-Year Roadmap: Focused on the April 10th Reg 85/31 lakes nutrients rulemaking hearing

- Minor changes to Reg 85 nonpoint source and Voluntary Incentive Program
 - 125 facilities; over 30 facilities have made improvements since 2018 (25% have made TIN improvements while 15% have made TP improvements)
 - Loading reductions for TP ~1,708 lbs/day and TIN ~7901 lbs/day

- Other benefits include early adoption of biological nutrient removal and enhanced BNR; provides treatment costs and optimization and encourages early investment.
- TMDLs: only water bodies identified as impaired in 2023 will be considered for TMDL development between 2023-2032.
 - January-May 2023 seeking input on screening factors.
 - May 2023: 303(d) rulemaking hearing
 - June-October TMDL screening process
 - Nov 2023: draft prioritization results for public comment
- The Division is starting the stakeholder process for ammonia standards update (slated to be adopted in 2027)
 - New criteria will be driven by freshwater mussels (2013 EPA criteria)
 - Partnering with Utah DEQ and Utah State University to identify ammonia-sensitive mussels and snails – looks like they are located mostly in the South Platte and Ark Basins.
 - Looking for technical advisory committee (TAC) members to start this year (mussel experts are a plus!).

Water Quality Forum:

- The new permits manager is Andrew Sayer
- Change in schedule: Reg 32/36 delayed to June 2024 - along with Reg 33/37. New issues formulation hearing (IFH) date for Nov 2023 for 32/36. Reg 31/33 - Climax Molybdenum moved to June 2024.
- PFAS biosolids communication brainstorm – Colorado Monitoring Framework is co-developing this with the Division.
- Interesting presentation of how water quality standards translate into capital projects from a handful of domestic dischargers.

b. Colorado Monitoring Framework

All-member meeting is scheduled for February 23 with PFAS and Nutrients as the main agenda items.

c. Other Updates

Jim noted that the aluminum workgroup is moving forward and continuing to as for data submissions. Good discussion topics coming up as far as workgroups including a Tribal group from the SW portion of the state.

Urban Water Partnerships: Jordan noted that updates were finalized for the [Water Quality Assessment Tool](#) (pools data from the Colorado Data Sharing Network with Portal data) including an updated storyline. LRE supported this effort. Most organizations are not adding data on a continual basis, and as a result they are findings that there are different datasets. The group is looking for new projects. They are supporting geomorphological studies on Segment 14 as a baseline in conjunction with the USGS.

4. Water Quality Control Commission Hearings

a. Regulations 38 and 31/85 Summary

The Water Quality Control Commission (Commission) Lake Nutrients Rulemaking Hearing will occur on April 10, 2023. Responsive Prehearing Statements (RPHS) were due on December 21, 2022. Rebuttal Statements are due on February 15, 2023. Additional Water Quality Control Division (Division)- led stakeholder processes since the release of the Division's supplemental prehearing statement in October 2022 include the following:

- A meeting was held on November 29, 2022 between the State Engineer's Office, Commission and Division staff, and parties to the rulemaking hearing to discuss potential water rights implications of the proposed regulation. This conversation is ongoing.
- An additional Lakes Nutrients Technical Advisory Committee (TAC) meeting was held on December 9, 2023 to address significant stakeholder concerns with the methodology presented in the Division's prehearing statement.
- An extended Division question/answer session was held on December 15, 2022 to help answer any final questions before the RPHS deadline.

Lakes Nutrients Rulemaking Documents can be found here:

https://drive.google.com/drive/folders/1_Oo-vaBFDRXd0rWizrtGZt3yY9xTzRZz

Lakes Nutrients Technical Advisory Committee documents can be found here:

https://drive.google.com/drive/folders/1z6ZzEqnx3fPM1eMAM75dFfu3Ew_Ep4jM

b. 303(d) hearing May 2023

Discussed previously under 10-year roadmap

5. Round Robin Results

Iron (total and dissolved)

Dissolved iron: Santiago noted that significant variation in results were observed. Non detect limits (below MDLs). Accuracy and precision generally decrease at lower concentrations such as this case. Results for sample A ranged from 0 to 0.24 ug/L. Could be a filter issue. Range for Sample B was 0-0.1 ug/L.

Total iron: more agreement but variation still present.

Sodium (dissolved and total)

Good agreement on dissolved and total sodium.

6. Discuss Action Items from Board Meeting

a. Update White Paper

The group reviewed the existing white paper and noted where to refine and enhance to include benefits of SP CURE. Jordan volunteered to update the map, Erin will add language on the nutrient joint study with USGS, and Curt will provide QC.

b. Brainstorm Confluence at the Confluence Topics

Potential venues include the Northern Treatment Plant and SPUR campus.

7. Discuss Next Steps for Arsenic Analyses

Erin summarized the action items from last discussion: 1. Research loading studies, such as what would a GW contribution look like? 2. Look into geologic map and touch base with Jon Novick; 3. Need volunteer to calculate overall loading to South Platte, perhaps at the top of Segment 14, 15, and 1a.

Given the work needed to complete the White Paper, the group decided to table this for middle of the year.

8. Check-Ins

a. Colorado Data Sharing Network – Jordan

Jordan reminded folks to let Lynn Padgett know about Regulation 85 as she needs to get a general sense of workload. All data needs to be updated by March 1. South Platte Basin data calls in Fall 2023.

b. Water Connection/Greenway Foundation Updates

Brian noted that they are continuing to focus on education and outreach via Cross Currents.

9. New Business

Rocky Mountain Water Environment Association (RMWEA) quarterly regulatory updates are a good resource: https://www.rmwea.org/government_affairs_committee.php

Water Quality Bill moving through state legislature to require more participation from the Division.

10. Next Meeting Date

March 21, 2023 – joint meeting with the Board

Meeting Attendees		
Present	Name	Organization
	Juliana Archuleta	Adams County
	Zach Trabold	City of Aurora
	Nick Tino	Centennial Water and Sanitation District
X	Brian Tietze	Denver Environmental Health
	Al Polonsky	Denver Environmental Health
X	Curt Bauers	FRICO
X	Jim Dorsch	Metro District
X	Jordan Parman	Metro District
X	Santiago Ramirez	City of Thornton
X	Caleb Owen	City of Thornton
	Christine Johnston	Xcel Energy
X	Eric Marler	Suncor Energy
	Ben Wise	South Platte Water Renewal Partners
X	Erin Donnelly	Coordinator - Brown and Caldwell

Minutes prepared by Erin Donnelly

