



Standards Oversight Council (SOC)

Developing effective technical standards that protect Wisconsin's natural resources

131 W. Wilson St., Suite #601, Madison, Wisconsin 53703
(608) 441-2677 || Fax (608) 441-2676 || socwisconsin.org

1010 Proprietary Filtration Devices Standard Team

MEETING NOTES

Wednesday, December 18, 2019 ▲ 1:00pm – 3:00pm ▲

1:00 Introduction, Notes Approval (Kate)

Goal: Welcome, adjust 9/11/19 notes as necessary and approve.

Attendance on phone: Jim, Adrienne, Jake, Chris, Nick, Judy

Attendance in person: Kate, Eric, John

We'll focus on substantive comments today. We'd appreciate suggestions for consistency and editorial items, but ask that you send those via email, not on phone today. Team can send those to Eric and Kate to be addressed after this call.

9/11 draft notes – no questions or changes noted; Kate will finalize and post online.

Initial Review Comments and Responses (Eric)

Goal: Discuss the Initial Review Comments on the *Draft Technical Standard* and associated documents. Finalize written responses to comments.

Review was for all 3 team documents: Technical Standard, Technical Note, and Adjustment Spreadsheet. Team reviews these on-screen together via GoToMeeting and finalizes responses.

Documents show some draft responses, the team discusses the following key areas:

- Emulsified oil treatment – emulsification more common when there isn't much oil; baffles work for larger oil. Specific type of pretreatment would be related to site-specific design. Team discusses adding a consideration that more robust pretreatment for oil and grease may be warranted in areas with greater risk (like auto repair).
- Access for Maintenance – Cartridges aren't necessarily removeable by hand; weight restriction not appropriate for the standard.
- Filtration Design Life Before Maintenance – Team had looked into hydrology and WI and NJ were similar. NJDEP maintenance sizing for WinSLAMM modeling uses similar numbers: loading for different rainfall files across WI are consistent with 600 lbs/ac/yr. Because it's comparable, NJDEP sizing is adaptable to WI.
- Methodology to Predict TSS Filter Efficiency, Data for Evaluation – Alternative monitoring data for devices that don't have TAPE GULD approval. Team reviews some of discussions at previous meeting, like potentially using data from ETV or other programs since there may be devices that don't have TAPE approval but still have data.

Sideboard for this team is not to approve specific devices. Language will be revised to tighten up this option.

If a nationwide program (like STEPP) develops in the future, then this would be considered though the standard would likely be revised.

- Confirmation of TP default credit of 35% - Team discusses options for shifting the credit lower. The 35% came from other tech standards that provide credit for just sand, different from these devices. Team decides to lower this default credit to 25%. Back of the envelope calculations made to support 25% as a more statistically supported number.
- Minimum sediment cleanout every 12 months – Good practice to clean out what’s there annually even if it’s not full. Sediment left in place can get cemented. Team agrees it’s good practice to not leave a device for 2 year period, though some sites may show lower accumulation than designed.
- Spreadsheet – Discuss potential alternative TSS filter efficiency determination. Team discusses variations in resulting efficiency percentage when PSDs differ from NURP. Team will look at options for formula changes. **Team** should get in touch with Eric with any further edits to spreadsheet.

Based on our discussions, **Eric** will make comparable edits to the text and responses to Initial Review comments, then forward revised text around to the team for one final review. **Team** should get in touch with Eric with any further edits—send them now if you have them.

Plan of Action (Kate/Eric)

Goal: Review Action Items. Identify steps toward public Broad Review and remaining timeline to completing standard.

Next Steps and Action Items:

- **Team** should get in touch with Eric with any further edits in response to the Initial Review comments received, with particular focus on the adjustment spreadsheet. Please submit these ASAP.
- **Eric** will make edits based on our discussion today and any subsequent edits from the team. He will forward revised text around to the team by January 3 for one final review before we move to Broad Review steps. **Team** will review this as final draft before public review.
- After this Comment-Response version is finalized, **Kate** will email each of the reviewers these documents. **Kate** also prepares a clean (without the Comment-Response text) for the public review step, which SOC calls Broad Review.
- **Eric** submits to DNR for final approval for release to public. DNR has an internal approval process before release for Broad Review. We’ll target this for January with DNR approval in February, though could be later depending on sequencing of DNR steps.

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- Broad Review is typically 21 days long, and is announced through DNR, SOC and WI Land and Water listservs. This would likely be in February or March, depending on timing of lead-up steps. **Kate** will receive all the comments and compile into one document for team response, much like for the Broad Review. The team may meet to address these comments, though the need for in-person vs remote meeting and timing will be worked out with **Eric** after we know the breadth of comments coming in.
- **Kate** – draft meeting notes for 12/18 and finalize meeting notes for 9/11.

3:00 *End*