



# Standards Oversight Council (SOC)

Developing effective technical standards that protect Wisconsin's natural resources

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## 1010 Proprietary Filtration Devices Standard Team

### MEETING NOTES

Wednesday, August 14, 2019 ▲ 9:00am – 3:00pm ▲

DNR Service Center, 3911 Fish Hatchery Road, Glacier's Edge Room, Fitchburg, WI

#### 9:00 Introduction, Notes Approval, Action Items Review (Kate)

Goal: Welcome, adjust 7/10/19 notes as necessary and approve, and review action items from 7/10/19 meeting

*Goal for today – continue refining the draft standard text.*

*We've followed team rules thus far. Let's continue to remember to give all team members a chance to speak and not interrupt. Use name cards turned on their side to show you'd like to speak.*

*Kate emailed draft notes from 7/10 meeting to the team. No changes to draft were raised. Kate will finalize after a week and post to website.*

#### PSD Adjustment Formula (Eric)

Goal: Team to review and discuss new adjustments to the PSD adjustment formula.

*Pitt paper circulated to team had curves of % rainfall filtered to flow rate that were a different approach than what we've looked at. Eric reviewed this approach and further tweaked the PSD adjustment curve.*

- *Team focuses some attention on use of both inf and eff samples with PSD data, with a stepped safety factor based on # samples.*
- *Team agrees to a "floor" % reduction at a 50% minimum for a GULD-approved device (also discussed at July meeting).*
- *Team discusses including a "how to do this" example for the efficiency adjustment process.*
- *Team discusses providing an equation to simplify and automate the adjustment. **Judy** will review PSD adjustment calculation and develop a best-fit line and equation.*

### **Inspection & Maintenance Comparison across Technical Standards**

*Team reviews a comparison of a variety of inspection and maintenance issues in other DNR standards. Some are not comparable or not applicable though team identifies some areas of adjustment on 1010 standard:*

- **Eric** will add new language to the 1010 standard related to access for future maintenance.
- **Nick** is re-drafting language for "Location" section to address construction of the system so groundwater won't affect the device or media.

### **Proprietary Media, Filterra, TreePods – Standard 1004 or 1010 (Jay)**

*Jay looked at bioretention standard (DNR Standard 1004 Bioretention for Infiltration) and determined this wouldn't be the right standard for this. 1004 is for systems not designed to be in a structure. There would be a lot of changes since it doesn't parallel these devices.*

*The 1010 standard is probably better suited to include these devices.*

**Chris** will review 1010 for a high-level review of what would need to be changed to incorporate Filterra and other products like it.

### **Phosphorus Design Criteria (Eric)**

Goal: Team to review and discuss draft language for phosphorus criteria.

- *A safety factor approach isn't applicable for P as it is with TSS.*
- *Criteria for allowing P removal credit if TAPE approval is just TSS –team agrees to 35% reduction P (same as for sand in biofiltration standard).*

### **Focus on Specific Areas of the Standard for Clarification (Eric/Team)**

Goals: Discuss areas identified by team in comments received before meeting.

*Team goes through the draft technical standard and works through edits together on-screen.*

**Eric** will perform a full read-through of standard and technical note text for language tweak and consistency check. He will send revised draft to full team by September 5. Team will review and comment in preparation for 9/11 conference call.

### **Initial Reviewer Options (Kate/Eric)**

Goal: Team to develop options for initial expert review of this text.

- *Initial Review is not the open public review (which comes later on). These are a small, invited group of experts who should represent a broad group of stakeholders.*

- *We have a draft list of names to consider, developed in part from applicants and SOC advisory committee.*
- *Team identifies some additional stakeholders and we refine list. Kate will reach out and confirm interest and availability.*
- *Team discusses the timeline. Website says Summer/Fall 2019 for the Initial Review period. We agree this is feasible and we are close to initial review--probably after next meeting.*

**Next Meeting Topics and Plan of Action (Kate/Eric)**

Goal: Identify topics, concerns, and goals for next meeting. Review Action Items, timeline and prepare agenda items for next meeting.

- *Next meeting is scheduled for September 11. Meeting will be to go through the tech standard one more time and possibly have it ready for the initial review.*
- *Since we don't have much to discuss, rather than a full meeting, team agrees to a conference call to discuss final edits to standard. Meeting Sept. 11 is now conference call, from 1 to 3:00 pm.*
- *Team could get work done in the interim to get the standard finalized, reviewing the revised draft in advance.*

Action Items from this meeting:

- **Judy** – review PSD adjustment calculation and come up with best-fit line.
- **Eric** – Add criteria related to access for O&M; Perform full read-through of text for language tweak and consistency check. Send revised draft to full team by September 5.
- **Chris** – review 1010 and develop high-level list for what changes would be needed to include Filterra/Treebox type of system. Send list to full team for consideration by Sept. 5.
- **Kate** – finalize 7/10 meeting notes and post online; draft 8/14 meeting notes and send to team for review.
- **Nick** (previous assignment carry-over) – Re-draft language for “Location” section to address construction of the system so groundwater won't affect the device or media.
- **FULL TEAM** – review the revised drafts of the standard and technical note, including Chris' list of impact of adding Treebox/Filterra type of system. Be prepared with questions and comments for discussion at the Sept. 11 conference call.

**3:00 End**