



Standards Oversight Council (SOC)

Developing effective technical standards that protect Wisconsin's natural resources

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NRCS 590 Nutrient Management Standard Team

MEETING AGENDA

Monday 09 June 2025 ▲ 11:00am – 1:00pm ▲

Virtual - click [here](#) to connect via zoom.

11:00 Brief welcome (Jamie & Carl)

11:05 Meeting Notes Review (Carl)

Review and approve 22 May 2025 meeting notes.

Notes:

- No complaints

11:10 Review outstanding items from May meeting (Jamie)

Notes:

- P vs P2O5 discussion – add to glossary
- Nitrate testing language for irrigation
 - AO - Hydrogeologist reviewed this language and current language is likely too prescriptive. Testing requirements do not have enough parameters.
 - Change language to something along the lines of – if you know you have high nitrate levels, you should account for them.
 - Could move this section to considerations
 - Geographic specificity needs to be accounted for – recommendations or guidelines for the Central Sands will be different than elsewhere (high background N in groundwater)
 - Solution: Keep broad language to begin with, move and rework the specifics and specify recommendations for sands or loams sands. Add the equation as well. Will continue to circulate draft language for this section & finally, move it to the considerations section.
 - TE shared extension work on this topic –
<https://agwater.extension.wisc.edu/articles/how-much-nitrogen-is-in-your-irrigation-water/>
- Changed language to reference manure testing lab approved by MN
- Silage / leachate language - use water methodologies and refer to ext pub A2890
- Rock soils vs shallow to bedrock soils
 - use 'shallow to bedrock' going forward to be more clear / specific
- RRAAF - Phone number option is possible, relaxing internet access as bottleneck
 - Or contact someone to check on status (county conservation office; etc.)
 - Budget questions - needs follow-up.
- Winter spreading - discouraged unless absolutely necessary.
 - also, move "winter spreading plan" to its own section

- Revisit pasturing and out-wintering language after Jamie has a chance to get feedback from Adam Abel
- Question about the source of the “14 day” figure for manure within winter spreading
- Adjusted language regarding spreading in subsections of fields
 - Can the language be sub-bulleted? Organization or formatting issue perhaps, but the specifics are well described.
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- Question regarding prohibition of fall tillage on >6% – manure spreading is allowed, why not fall tillage.
 - Using fall tillage on slopes >6% is OK if other conservation practices are also included
 - Contour question – is this too technically challenging?
 - Winter applications on > 6% slopes? Is this even feasible? Not too dangerous?
 - Solution - split into multiple bullets
- Ephemeral erosion question
 - What is the solution if a field has reoccurring ephemeral erosion?
 - Need to seed the field down with either a cover crop or alfalfa
 - Reoccurring vs recurring discussion
 - Cover crop establishment and characteristics - need a cover crop with more residue / roots in ground to improve erosion control.
- Flooding forecast question
 - Flood warning, watch?
 - Is it better to be more general, i.e. less prescriptive?
 - Agreement on language regarding surface application of manure in SWQMAs
- Remove additional SQWMA bullet points, and replace with new language
- Liquid vs solid manure question regarding SWQMAs
 - Pivot to all manure
 - Liquid was an artefact of previous language
- Commercial fertilizer in SWQMAs
 - can be applied so long as they are incorporated

11:45 Break

12:00 Resume line reading of tech standard at “Early Fall Application”

[The focus of the meeting pivoted to reviewing past discussion points, and resumption of the line reading of the tech standard at “Early Fall Application” will be the focus of the next meeting of this tech standard team on 26 June 2025.

12:55 Wrap up

1. Review action items

- JP will update language finalized today and circulate language that needs further review via email

2. Decide on next meeting venue

- Decided to meet in person as opposed to virtually on 26 June 2025

1:00 End

