



# Standards Oversight Council (SOC)

Developing effective technical standards that protect Wisconsin's natural resources

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## 590 Nutrient Management Standard Team

### DRAFT MEETING NOTES

Wednesday, September 17, 2014 || 9:00am – 3:00pm

Hancock Ag Research Station

Attendees: Andrew, Tony, Pat, Laura, Todd, Nikki, Sara, Sue, Carrie, Kevin, Gini, Matt. Joe on phone.

#### Welcome/Updates

- Richfield Dairy decision. Judge affirmed the DNR decisions that 243 and 590 are sufficient protection of groundwater. Joe Baeten will be attending 590 meetings in the future.
- The proposed Kewaunee County ordinance for winter spreading is moving forward. The ordinance prohibits winter spreading of all forms of waste during winter. It will be voted on by township in the spring.
- NRCS is wrapping up their fiscal year. The first EQIP review date has been moved up to October 3<sup>rd</sup>. The response to sign up for cover crop program assistance is struggling due to late planting and now harvest.
- Todd & Nikke are taking soil samples and preparing for the manure hauling season to start. There's already a frost up north, so may have a limited window for soil sampling.
- The DATCP quality assurance team occurred last week. It's getting better and easier to review each year. The acreage having NM plans is already up to 100,000 acres. Largest amount is due to Farmland Preservation Act, DATCP program funds.
- A record yield of corn is proposed this year, with more land in production this year. The price will probably decrease. New production land is often occurring in places without zoning and nutrient management plans.
- Soil, water and NM meetings will be held in December.
- Kevin was at Farm Technology Days during the last meeting, which seemed to have low attendance. Kevin and his colleagues worked on a summary of the results from monthly groundwater sampling of 10 wells. Some tests may give a false sense of safety because bacteria might not be detected, but several other human and bovine viruses could be there. Groundwater is susceptible to disease – related contaminants. This might be helpful in encouraging more public health related engagement.

#### Review Criteria V. B.

- The team decided to organize this section by season and then soil restrictions for clarification. The team discussed the implications of prohibiting commercial N applications in the fall, with the limited exceptions. N application in the fall has limited agronomic impact and significant environmental risk. Commercial N application in the fall is not a common practice for WI growers.

**Review Considerations.**

The team reviewed the current considerations and approved minor edits. Carrie will continue to work on Consideration B. Pat will work on drafting Considerations for soil health and variable rate technology to meet requirements of national standard.

**Review Plans & Specifications.**

The Plans & Specs were reviewed. The Winter Spreading group will continue to work on language for the Winter Spreading Risk Assessment, to be referenced here and detailed in the Tech Note.

**Finalize initial review process.**

**Suggested Initial Reviewers**

1. UWEX - Kim Meyer
2. Manure hauler – Dana Cook
3. Farm Bureau – Paul Zimmerman
4. WAPAC – Steve Hoffman & Eric Birschbach on Ag Coalition, WLCB
5. CCA/Coop Plan writers – Randy Busch, Rock River
6. Farmers - Todd Miller, Milksource
7. Potato & Veg Growers Association – Andy Dierkes
8. Counties - Matt Hanewall – La Crosse; Nick Peltier – Brown County; Steve Bradley – Portage County
9. DNR staff – Bureau directors will assign. Jill Jonas/Pam Biersach
10. WI Rural Water Association – Andrew Asleson
11. Michael Fields Ag Institute – Margaret Krome
12. WI Farmer’s Union – Kara O’Connor
13. Laura Ward Good

We will begin contacting initial reviewers to invite them to submit comments on the proposed revisions. In the invitation letter, we will ask that if they do not qualified or have time to review the document themselves, then they can suggest one other proxy. We will emphasize that this is the first full draft and that a revised draft will go out for broad review in the winter. Draft to reviewers by late October, comments back by November 18<sup>th</sup>.

The team decided to develop a summary document explaining the proposed revisions to provide with the draft standard. This document will facilitate their review and give everyone the same information. The team is proposing to provide the summary document and a hard copy of the revised standard.

**Next Meeting:** Reschedule next meeting to Oct 7, 23, or 24<sup>th</sup>.

**Agenda topics:**

- Review O & M, Definitions, and any unresolved issues in standard.
- Review Tech Note.
- Refine Initial Review process.

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<b>DATCP</b> Richard Castelnuovo (608) 224-4608	<b>WDNR</b> Gretchen Wheat & Mary Anne Lowndes (608) 264-6273	<b>NRCS</b> Pat Murphy & John Ramsden (608) 662-4422	<b>UWEX</b> Ken Genskow (608) 262-8756	<b>County LCDs</b> Perry Lindquist (262) 548-7867 & Bruce Olson (608) 785-9867	<b>WI Land+Water</b> Jim VandenBrook (608) 441-2677
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## Timeline

- Oct 15 reschedule, Oct 7, 23, 24? – Finalize draft and Tech Note for initial review. Initial review tentatively scheduled to occur in Oct 28 – Nov 11 or 18.
- Nov 13, 24, 25, 26? – Review results of initial review. Consider revisions.
- Dec 17 – Review results of initial review. Consider revisions.
- Jan/Feb – Release for broad review. Develop training and outreach plan.
- Mar/Apr – Final drafting
- May/June – Release of final standard

## Current Action Items

- ✓ Doodle poll for Jan –Jun meetings, <http://doodle.com/rfcmudhcnknmm8pb>
- ✓ Create Doodle poll to reschedule Oct/Nov meetings, <http://doodle.com/awch6f2mn2k6h4wc>
- Kevin will provide article, research sources for basis of excluding fall commercial N application.
- ✓ Carrie to check with Francisco Arriaga to craft a statement about gypsum or additional soil amendments.
- ✓ Carrie will send comments regarding Criteria A to Gini.
- Carrie to create a definition for artificial drainage (maybe not necessary now, check V.A.3.a.), nitrification inhibitors, slow and controlled release.
- Carrie will work on Consideration B.
- Pat to draft a consideration regarding soil health.
- Pat will consider including variable rate technology language in Plans & Specs
- Pat will check in with Dane County LCD for winter spreading planning.
- Winter Spreading Group (Joe, John, Matt, Andrew, Pat) will meet on Friday, 9/26 – Pat, Andrew, Matt. Gini will reserve space at Hancock, downstairs. 9:30 to 3pm.
- Pat/Terry will decide if N Leaching Index will be included for initial review.
- Terry to provide a definition of Filter Strip and Grassed Waterway in the standard, and a definition and photos for ephemeral erosion in the Tech Note. Include photos of erosion types (sheet rill, gullies, ephemeral erosion) in the Tech Note.
- Terry will develop language for N Leaching Index for Tech Note.
- ✓ Gini will add in Sue’s editorial comments to the main draft.
- Create definition for Areas Contributing Runoff (V.A.2.a.4.) – all soils except P and combination P soils
- Define K soils?
- Develop a landbase analysis for Tech Note.
- Sara, Pat, Carrie, and Sue will work on a summary document that will explain the proposed revisions to the 590 standard.
- DNR staff, Andrew and Laura, will ask their Bureau directors to select a reviewer.

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- Sue will check in with Laura Ward Good about the effectiveness of in-field vs. edge of field buffers. Definitions were put in the Tech Note.
- Laura will create a single map with the 21 special casing areas for known manure contamination. Used for winter spreading prohibition areas.
- All team members let Gini know if there is an initial reviewer that you would prefer to be the contact for.

Next meeting:

O & M, Definitions. Tech Note.

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