



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 || soc@wlwca.org || socwisconsin.org

590 Nutrient Management Standard Team

DRAFT MEETING NOTES

Tuesday, August 12, 2014 || 9:00am – 3:00pm

Hancock Ag Research Station

Attendees: Todd Schaumberg, Tony Smith, Laura Chern, Pat Murphy, Andrew Craig, Joe Baeten, Joe Bragger, Matt Zoschke, Sue Porter, Terry Kelly, John Koepke, Carrie Laboski

Welcome/Updates

- 590 Tech Note Review. A smaller work group met to begin the looking at the current version. The following list includes topics that need revision:
 - UW recommendations to be consistent with A2809; mainly manure credit tables (Sue, Carrie)
 - Guidance for the winter spreading risk assessment (Pat, Andrew, Matt, Joe)
 - Maps documenting a new soils group: K soils – less than 20" to bedrock over Silurian Dolomite (Pat working with NRCS staff on maps)
 - Information on the N Leaching Index (Terry)
 - Greater explanation of the P Index (Sue working with Laura Ward Good)
 - References for N inhibitors (Carrie)
 - Add grazing references from SnapPlus
 - Update DNR contacts (Andrew)

Review draft Criteria beginning with V.A.3.

There will be inconsistencies with A2809, standard, and code regarding description of solid vs. liquid manure (11.0% or less vs. less than 12%). Pat and Sara will discuss implications. The standard and code will most likely need to comply with A2809, so conversion to 11.0% or less is needed.

Matt and Andrew drafted a consideration that discourages nutrient spreading on flood prone soils.

The team decided to wait to discuss Criteria B at the next meeting.

Criteria C was reformatted slightly for clarification. Criteria D for air quality in the national standard was preferred to the WI standard.

Recap of proposal for V.A.2.b. Winter Spreading Discussion Continues.

A smaller group convened between meetings to further address winter spreading. The team discussed how to encourage more environmental protection while not discouraging farmers to comply with the standard. Having

a more developed process with the winter spreading risk assessment could encourage better planning and a more consistent approach from CCAs for NM planning. The group suggested using a performance schedule and process similar to ATCP 50 for a transition evaluation period.

Farms with steep slopes and fields located in SWQMAs have limited options for winter spreading. The team did not approve the variance language suggestions. A finalized winter spreading risk assessment, a more qualitative tool, will be included in the Tech Note. Some additional information will be added in the Plans & Specifications section. Language suggesting no winter spreading will be added to the considerations. The group was interested in seeing example plans, 1) Daily Haul guy that does a good job of planning (Sue) and 2) example plans that do not have a winter spreading plan (Matt, Terry).

The team discussed the proposal of using a new soil category, K soils, for soils less than 20" to bedrock and over Silurian Dolomite as those areas that have karst features and high risk for runoff. Another option discussed would be using locations of well known to be contaminated. DNR has 21 designated areas where special well casings are needed due to manure contamination of private wells.

Initial review process.

The group reviewed the initial review process, planned for October 17 – Nov 7th. We plan to schedule a conference call or live meeting between Oct 21 – 29 to summarize the major proposed changes for the initial reviewers. We'll request their comments by Nov 7th.

- Tentative 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 – Jill Jonas will assign; Pam Biersach – Bureau directors
 10. WI Rural Water Association – Andrew Asleson
 11. Michael Fields Ag Institute – Margaret Krome
- Send a letter or invite after September meeting so they can prepare and respond if willing to participate or suggest someone else if not willing to participate.
- Provide a cover letter with directions on how to submit comments in one document. They can request feedback from their colleagues, but comments are funneled specifically through them in one document.
- Consider providing a conference call/live meeting.

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 Natural Resources Conservation Service • University of WI Extension • WI Land & Water Conservation Association

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

Next Meeting – Wed., Sep 17th at Hancock Ag Research Station

Timeline

- Sep 17 – Review Criteria B, Considerations, Plans & Specs, Operation & Management. Prepare draft for initial review and finalize process.
- Oct 15 – Review Tech Note. Final preparations for initial review. Initial review occurs in October/November.
- Nov 13 – 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/Jun – Release of final standard

Action Items:

- Pat will check in with Dane County LCD for winter spreading planning.
- Sue will begin revising the Tech Note with A2809 tables, etc.
- Sue, Matt, and Terry to bring a couple of plans that show good examples and bad examples of winter spreading planning.
- Terry develop language for N Leaching Index for Tech Note.
- Sue will work with Laura Ward Good on information to include for P Index in Tech Note.
- Sara will bring ATCP 50 language to include for performance schedule for winter spreading.
- Check in with Laura Ward Good about the effectiveness of in-field vs. edge of field buffers.
- Define ephemeral erosion. Add photo of erosion types (sheet rill, gullies, ephemeral erosion) in the Tech Note.
- Winter Spreading Group to review Plans & Specs and propose any changes. Winter Spreading group to also review Risk Assessment for inclusion into the Tech Note.
- Laura will create a single map with the 21 special casing areas for known manure contamination.

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