



Standards Oversight Council (SOC)

Supporting Technical Standards for Urban and Rural Soil and Water Conservation

702 E. Johnson Street, Madison, Wisconsin 53703
(608) 441-2677 || Fax (608) 441-2676 || soc@wlwca.org || socwisconsin.org

590 Nutrient Management Standard Team

DRAFT MEETING NOTES

Thursday, February 13, 2014 || 9:00am – 3:00pm || Hancock Agriculture Research Station

Attendees: Sara, Sue, Nikki, Pat, Terry, Tony, Matt, Todd; Kevin and Laura arrived at 11:30am.

Welcome/Updates

- We now have a Farm Bill that secures funding for NRCS conservation programs.

Breakout group work

- Winter Spreading Risk Assessment (Matt, Pat, Tony)
 - Reviewed answers from Laura Ward Good regarding Acute PI in SnapPlus
 - Decided to meeting again before March 25th meeting; likely to occur on Friday, Mar 7th in Madison
- Nitrogen Management & Tile Drainage (Sue, Sara, Nikki, Todd, Terry)
 - Reviewed tile drainage recommendations. Included monitoring in O & M, documentation of lines in Plans & Specs. Most risk of nutrient loss through tile should be address with the restrictions on W soils.
 - Group discussed W soils remaining classified as W soils once they are drained. What is the impact with tilled fields are moved to a higher yield potential category, and therefore that available rates increase. How does patterned tile or a grid lock tile system impact risk of nutrient loss?
 - The group suggested that we delete all or most of Consideration D, since the concern is now covered in Criteria B for nitrogen management.
 - The group will need to look at Table 1 for revisions.

Review of Criteria B and associated language for Nitrogen Management

The team reviewed and made additional revisions to another draft of criteria B. A draft table was presented to more easily understand Criteria B. Nikki will revise the table with revisions from today's meeting. A few ongoing questions or concerns that need to be addressed are as follows:

- Considering if we should define what 'majority' of crop N requirement means. Should we be more strict with 60% or more, or be more flexible with just using the word 'majority', meaning 51% or more? Todd will consider this more.
- Consider options for late summer/early fall manure application on cover crops
- Waiting for research and potential temperature maps to potentially push back the Sept 15 date
- Review N application rate for manure application after 50F on P & R soils

Karst Update

The karst group presented its current recommendations on minimizing risk of groundwater contamination through karst features. Minor revisions were suggested to Criteria A with setbacks to wells and direct conduits

to groundwater. This group suggested that local areas have a process for designating sensitive features, reconsidering the effectiveness of the 'conservation plan'. Pat will look into the definition of a 'conservation plan', and how to make it more accountable. This group is also looking into an appropriate soil data layer to define 5' to bedrock or another designation. We may be asking Ken Bradbury, Kevin Erb, or other experts to come to talk with the group about the soil data layers, how the layers are defined, and the karst report.

Wrap up & next meeting agenda

- Review a revised Criteria B and new table review. Carrie may have an update on the temperature maps.
- Review recommendations to address risk of nutrients to surface waters through tile drainage
- Discussion with experts on Karst Report, soil data layers, etc
- Winter Spreading Risk Assessment update
- We may start tackling a new topic in the afternoon at the next meeting...
 - Adaptive N management with
 - Manure Land Base

Next Meetings: Mar 25 at Wilderness Center in Wisconsin Dells

Action Items

- Todd will consider further defining of 'majority' of crop requirement and bring thoughts to the next meeting.
- Nikki will revise the Criteria B table.
- Andrew, Carrie, Joe, and John should review Criteria B documents and provide feedback.
- Pat will review tile drainage recommendations.
- Pat will look into better defining 'conservation plan' or determine if another system could be used to identify and delineate local areas of concern.
- Pat, Matt, & Tony to relay progress to the rest of the winter spreading group.
- Laura will provide list of groundwater features that DNR funded.
- Winter Spreading group will meet before the Mar 25 meeting.
- Everyone should provide meeting materials to Gini by March 14th for March 25 meeting.

WI Department of Agriculture, Trade and Consumer Protection • WI Department of Natural Resources •
Natural Resources Conservation Service • University of WI Extension • WI Land & Water Conservation Association

DATCP
Richard
Castelnuovo
(608) 224-4608

WDNR
Gretchen Wheat
& Mary Anne
Lowndes
(608) 264-6273

NRCS
Pat Murphy &
John Ramsden
(608) 662-4422

UWEX
Ken Genskow
(608) 262-8756

WLWCA Reps
Perry Lindquist
(262) 548-7867
& Bruce Olson
(608) 785-9867

WLWCA
Jim
VandenBrook
(608) 441-2677