



## Wisconsin Land+Water Conservation Association

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### Technical Committee Meeting Notes

**Date:** March 31, 2023    **Time:** 9:00am-12:00 pm    **Location:** Zoom Only

**PC/Laptop/Tablet/Smart Phone:**

<https://us02web.zoom.us/j/85744622720>

**Phone Dial-in:** 312-626-6799; **Meeting ID:** 857 4462 2720

**Mission:** Lead WI Land+Water technical assistance activities related to the innovation, evaluation and implementation of conservation practices, standards, services, and the associated programs and policies.

#### Committee Members

- |  |   |   |   |
|--|---|---|---|
| <input checked="" type="checkbox"/> Matt Hanewall, Chair | <input checked="" type="checkbox"/> Shawn Esser, Vice Chair | <input checked="" type="checkbox"/> Tina Barone, Sec. |   |
| <input checked="" type="checkbox"/> Ketty Clow           | <input type="checkbox"/> Ben Dufford                        | <input checked="" type="checkbox"/> Paul Fredrich     | <input checked="" type="checkbox"/> Brian Goepfert  |
| <input checked="" type="checkbox"/> Erik Heagle          | <input checked="" type="checkbox"/> Paul Klose              | <input checked="" type="checkbox"/> Zach Mohr         | <input checked="" type="checkbox"/> Jonathon Lisowe |
| <input checked="" type="checkbox"/> Dan O'Connell        | <input checked="" type="checkbox"/> Ken Pozorski            | <input checked="" type="checkbox"/> Brian Smetana     | <input checked="" type="checkbox"/> Chad Trudell    |

#### Non-Voting Advisors

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Matthew Woodrow – DATCP | <input checked="" type="checkbox"/> Mike Gilbertson – DNR | <input checked="" type="checkbox"/> Eric Hurley - NRCS |
|---|---|--|

#### WI Land+Water Staff Liaison *(non-voting)*

- Kate Brunner  
Isabelle Paulsen filling in for  
Kate. Matt Krueger joined  
part way through.

#### Guests

- Tracy Arnold – Portage  
Hunter Lemler – Clark  
Max Blackbourn – Lafayette  
Tom Boisvert-Lincoln

*WI Land+Water meetings are open meetings. Individuals may observe in person, via conference phone, or via web conference if desired. Order and time allowed for agenda items may be changed due to pace of meeting or at the discretion of the committee chair. Please inform your chair if you cannot attend.*

## **ALL AGENDA ITEMS ARE ACTIONABLE**

- I. Call to order: 9:06 am
  - a. Roll Call - adopt agenda. Motion to adopt agenda made by Heagle 2<sup>nd</sup> O'Connell. Motion passed.
  - b. Approve previous meeting minutes. Motion to approve minutes by Esser 2<sup>nd</sup> Smetana. Motion passed.
- II. WI Land+ Water Annual Conference Review (All)
  - a. Good to see everyone in person
  - b. When good projects go bad was best roundtable
  - c. Good cross section of topics
  - d. New staff really enjoyed
  - e. Complaints about online only silent auction
    - i. logistics made it impossible to go back and forth between online and in-person
    - ii. not sure if will do all online again
    - iii. record funds raised
    - iv. staff not attending conference could still see and bid on items
  - f. Paulsen said from surveys most people enjoyed
    - i. 24% listed Alonzo Kelly's presentation as most enjoyed
    - ii. Second most appreciated was the technical roundtables
- III. External Committee Representation Appointment: Nonmetallic Mining Advisory Committee (All)
  - a. Bryce Richardson, Monroe Co, was serving on this Committee but is retiring
  - b. Plays role in advising DNR on Nonmetallic Mining
  - c. One application for Appointment was received from Tracy Arnold
    - i. Nonmetallic mining work for 15 years
    - ii. Willing to helping others with questions
  - d. Heagle made nomination to appoint Arnold. 2<sup>nd</sup> by O'Connell. Motion passed.
  - e. Hanewall will send a short email recommendation that Arnold be appointed to Committee
- IV. WI Land and Water News (Paulson)
  - a. Thank you to Technical Committee at the conference
  - b. Krueger has had a lot of legislative meetings on budget priorities
  - c. Survey for SITCOM needs assessment closes today so results will be coming
- V. SOC Update (Brunner)
  - a. CPS 328 Conservation Crop Rotation review period ends today but can send comments until April 3

- b. CPS 635 Vegetated Treatment Area prior to getting going they sent out survey (ends today but can respond through end of April 3)
  - c. Teams are working on 3 different DNR standards
- VI. Feedlot Modelling: Common Strategies and Insufficiencies (Barone/Woodrow)
- a. Woodrow presented on assessment of each model. Issues with models
  - b. Discussion on what models are being used
    - i. Pozorski – use BARNY as an index to determine bad, moderately bad, and pretty good. P threshold 50 lbs or above will cost share barnyard practices
    - ii. Clow – use BERT for NR151 evals. APL lots is really difficult to get answers from because only edge of lot. Look at if channelized flow coming off lot. Proximity to streams, what’s coming off lot, how often cleaning it (maintenance). If APL lots had vegetative buffer would be good
    - iii. Smetana- uses BARNY at 5 lbs of P. Need to have P output for grant applications, etc. STEPL and Snap+ P modeling is all over the board. Have to use same model to get consistent numbers.
    - iv. Esser- Used APL Lots then tried to go to BARNY but to get same numbers in BARNY had to hugely inflate AU. If used 15 lbs as threshold every barnyard in county would be non-compliant.
    - v. Boisvert-have used numbers from ATCP 51.20 for P. That is what DNR recommended. Used code numbers because have something to backup
    - vi. Hurley said that NRCS requires BERT and BARNY is not mentioned. State Engineer may accept other tools and he will pass the comments onto him and will copy Woodrow.
    - vii. Wisconsin Administrative Code lists BARNY
    - viii. If it shows it’s a resource concern no matter what tools are used then that’s what important. Consistency within County most important
  - c. Future plans –
    - i. Do we need a new model?
    - ii. Would an MOU make it more clear?
    - iii. Can downstream vegetated area be worked into APL Lots since there is a lot of research? Need more research on this. Woodrow will followup with them on this.
    - iv. Working with BARNY and APL Lots together even though have to chase around AU a little may be the best option for what we have right now.
- VII. Direct Runoff from Feedlots Companion Document Subcommittee Update (Barone)
- a. Sites susceptible to groundwater contamination will not be specifically mentioned in the companion document but it may provide some assistance with these sites. At this time the team is unwilling to go farther.
  - b. Companion Document will be periodically updated as needed (the first revision will likely be after the new VTA standard is released). Still working on the appendices, specifically the modelling appendix but the information provided in

the previous agenda item should provide some assistance with this. We are to the point that we think we need different models or changes to the existing models.

- c. Timeline -Subcommittee meeting in April. Maybe release for Committee review prior to July meeting. Still working on but making progress. Trying to provide sound and sensible recommendations

VIII. Standardization of Navigability/Shoreland Zoning Data (Hanewall)

- a. La Crosse County is trying to develop a new plan
  - i. Goals
    - a. Simplify conservation practices in the shoreland zone
    - b. Compliance with NR151 urban or ag
    - c. Conflict of interest among County staff
    - d. Develop ArcGIS layer for navigability and shoreland zoning
  - b. Working with zoning, land conservation and DNR, local & regional DNR staff
  - c. Use models to create shapefile
    - i. Watershed models
    - ii. hydrology models
    - iii. Aerial photos
    - iv. Perennial waters
    - v. Soils
    - vi. Slopes
    - vii. Land use data
    - viii. Float a canoe
  - d. Will still require site checks to verify. DNR will be part of field verification process. If DNR approves they would develop this layer county wide. There would be some type of appeal process. DNR may approve methodology to be adopted statewide if this trial goes well.
  - e. Smetana – Our GIS website has the navigable stream marked with the shoreline boundary. When an individual requests a navigability determination from the DNR, the information is given to the county, but most of the navigability studies are point or spot studies, not from point A to point B so the county is unable to update the GIS layer. Any stream reach study will go through public hearing and updated on GIS layer. If a stream has a shoreland, we assume it is navigable.
  - f. Heagle said intermittent streams through cropland often not navigable so document and send to DNR for concurrence. They charge landowner \$250 for navigability determination. Usually they are dealing with on Zoning end not land conservation.
  - g. OHWM not possible to have a layer for since rivers and streams are ever changing.

IX. Floodplain Zone A Conservation Practice No-Rise Checklist: Regional Trainings (All)

- a. State of Montana is looking at addressing this

- b. Partner at the state looking at how to expedite conservation practices in floodplain areas
- X. Livestock Facility Siting Technical Expert Committee Update (Hanewall/Woodrow)
  - a. Every 4 years they put together a committee to review ATCP 51 to look at how it is doing
  - b. Committee reviewing major standards as they impact ATCP 51
    - i. NMP
    - ii. waste storage
    - iii. runoff mgmt
  - c. Four meetings so far. Discuss pertinent topics. April 11<sup>th</sup> meeting will cover odor and setbacks. They are open to the public. Woodrow is an advisor. Producers, reps from Counties and different stakeholders. They are hybrid so virtual option. Committee puts together report. Scott Frank from Shawano Co represents us on the Committee
  - d. If review committee suggests revisions ATCP 51 may be opened for changes
- XI. Conservation Practice “Template” Designs and/or Checklists (Hanewall/Woodrow)
  - a. Example designs and design documentation
  - b. How will we deal with updates?
  - c. Boisvert would like construction plans posted with practice photos on WI Land+Water website
  - d. Post separate construction plans not connected to the practice photos
  - e. O’Connell will explain mentorship in SITCOM section
  - f. Woodrow said there is potential for possibly doing this but not everything applies across the board. The standard should be your guide. DATCP considering development workflows for typical design flows/checklists, companion document that lists things you need to do when working on design.
  - g. Bringing on newer staff around the state that may often not have experienced local staff to provide training/guidance on engineering.
  - h. Woodrow will talk to his staff and look into developing tools to capture knowledge of senior staff
- XII. ATCP 50 Rule Change Status: Silurian Bedrock & SWRM Programming (Woodrow)
  - a. ATCP 50 rule is open - Objectives were to update, clarify, details for SWRM, Bedrock performance standards.
  - b. Draft language is going through DATCP internal reviews. Going to ATCP board in May for review. If get approval to go on draft language in June timeframe. Deadline to complete is March 2024.
- XIII. SITCOM (AITCOM) Update (O’ Connell)
  - a. Fill out survey
  - b. Subteams/Subcommittees – mentorship program & online training access to build mentorship program and build photo gallery. Encourage younger members to speak up about questions they have. Hoping to get people involved. Who’s interested?

- c. Online training team – looking for volunteers, meet 2-3 times in next few months
  - i. Provide/create consistent file sharing between agencies and partners
  - ii. Improve awareness and access through conservation training activities
  - iii. How do we better serve the long-term development and training tools for events?
  - iv. What would make the conservation-training platform more accessible to all the partners?
  - v. Boisvert volunteered to be on team
  - vi. Woodrow plans to sit in on this team as well
- d. Posting Training outside of state or unique trainings
  - i. Can they expand to things being offered by surrounding states?
  - ii. WI Land+Water training lists do try to add conferences outside of state as well but they don't necessarily know what trainings are applicable. If you know of more opportunities send an email to Paulsen and she will try to get the resources up.
  - iii. WI Land+Water Training staff is reaching out to other states to find out what they are doing for training and may be adopting some new things.
  - iv. Hanewall asked if maybe a future filter could be added to the training website for state or local trainings?

XIV. 2023 Technical Tour (All)

- a. Thanks to Bayfield County for last year's tour!
- b. Looking for innovative stuff.
- c. Brunner and Tech Committee will help. There is funding for buses.
- d. Looking for volunteers
- e. Need to start thinking and planning for
- f. Hanewall suggested site in silurian bedrock area and tie to new investigative work
- g. Lisowe doesn't have anything but said may want to reach out to Door or Kewaunee Counties
- h. Woodrow suggested Travis Engels has been involved in checking depth with a hand probe so suggested someone reach out to him. Hanewall will reach out to Fredrich about this
- i. Electromagnetic flight- Woodrow said USGS is working with GHS on the data and he thinks they are getting close to being done
- j. Brown County maybe looking at installing P nutrient removal/monitor this year. Calumet doing sheet flow based and Brown is doing tile based. Tile will have a few tanks and pull P from tile line water.

XV. Training in Walworth County on 20<sup>th</sup> Field Conservation – sent out through Land+Water

XVI. Adjourn Motion to Adjourn at 11:45 AM by Esser 2<sup>nd</sup> Heagle. Motion passed.

Next Meeting will be July 13<sup>th</sup> at County Conservationist Meeting in person in Stevens Point