

MINUTES
NORTH CAROLINA SEDIMENTATION CONTROL COMMISSION
COMMISSION'S TECHNICAL COMMITTEE
AUGUST 17, 2023
ONLINE WEBEX MEETING

The North Carolina Sedimentation Control Commission's Commission Technical Committee met on August 17, 2023, at 3:00 p.m. in-person and online via WebEx. The following persons were in attendance for all or part of the meeting:

COMMITTEE MEMBERS

Mr. Mark Taylor (Chair)
Mr. Steve Albright
Mr. Donald Pearson
Mr. AJ Lang, PhD
Mr. John Parrish
Mr. Josh Lambert
Mr. Nash Hardy
Dr. Rich McLaughlin

OTHERS

Ms. Rebecca Coppa, Sediment Education Specialist, DEMLR, DEQ
Ms. Davy Conners, Environmental Program Consultant, DEMLR, DEQ
Mr. Graham Parrish, Assistant Sediment Specialist, DEMLR, DEQ
Ms. Julie Coco, Sediment Specialist, DEMLR, DEQ

Minutes:

The meeting began at 3:00 pm.

Mr. Taylor and Ms. Coppa provided a brief update on the nomination/recruitment status. Mr. Taylor, and Ms. Coppa confirmed, that they've sent out 6 appointments and 4 have accepted those appointments to date.

Draft meeting minutes from 7/20/23 were reviewed and approved by consensus. During the minutes review, Mr. Taylor also gave a brief overview of the processes of the Committee during the review of the minutes.

Mr. Pearson asked about the initial term of the existing members. Mr. Taylor addressed, and Ms. Coppa confirmed, that the appointments of the initial Committee members were February 2021 through February 2024. Mr. Taylor also added that the SCC Chair, Dr. White, intends to re-appoint the existing members unless they intend on stepping down at the end of this term. Dr. McLaughlin has expressed in the past that he intends on stepping down at the end of his term.

Members may serve any number of terms but may not serve more than two consecutive terms and may be re-appointed after a one-year break in service.

The new members in attendance briefly introduced themselves.

Mr. Taylor mentioned to new members that if they need help accessing the CTC SharePoint that Ms. Coppa of DEQ-DEMLR would be the best point of contact.

Moved on to review of practice standard 6.70 Temporary Stream Crossing led by Mr. Lang. A discussion ensued, and some minor edits were made throughout the text. Mr. Hardy enquired if this standard would impact silviculture BMPs. Mr. Lang addressed the question and said that the background he brings to the Committee is forestry. Mr. Taylor asked how fjords are used in temporary stream crossing in forestry. Mr. Lang addressed that fjords are viewed as more permanent crossings, and believes that the reference to it should be in the permanent crossing information. Further discussion of fjords ensued. Mr. Taylor made a related comment, that new members may want an opportunity to review the standards in progress, so the committee may want to wait to finalize and send standards to DEMLR until they have had a chance to do so. Mr. Pearson asked about the definition of temporary stream crossing, and if including temporary bridge in the definition it's including structures that don't intersect stream flow. He noted that in NCDOT they are referred to as temporary work trestles. Mr. Taylor proposed adding maximum height it can be used for, such as the high-water mark, or the 100-year flood line. Mr. Hardy pointed out that this definition may not work in coastal areas where everything is low. Mr. Taylor asked about the 5-year bankfull flow or 10-yr peak flow, and that the 5-year qualifier for bankfull flow is confusing for designers. Mr. Lang will coordinate with Ms. Pageau to address the comments and clarify. Mr. Hardy asked if use of a geotextile or membrane underneath or on top of the bridge decking is a requirement or a suggestion. He also commented that contractors in the field won't remove a bridge before a storm event if it has matting because they will then have to worry about the removal/replacement of the mats/fabric as well. Mr. Taylor and Ms. Coco addressed that this is a guidance document, but if it is included on an approved plan then inspectors can hold contractors to an approved plan. Mr. Taylor added that a comment may want to be included in planning considerations about what to do before a storm. Mr. Lambert commented that regular maintenance (scraping dirt off of the bridge) may help prevent sediment from washing into the creek in a storm. Mr. Lang said he'd add some language to clarify based on the discussion. Dr. McLaughlin asked that the specific reference to where pump around/stream diversions are in the manual be added if it exists.

Mr. Lang moved on to review of Section 6.54 Rock Doughnut Inlet Protection, or Rock Ring Inlet Protection. Mr. Lang added that including a picture of the fabric underneath would be useful, but they did not find one in other states' manuals. Mr. Pearson added that they may want to check that they are consistent with waste language that he and Mr. Albright included/updated in their standard. Dr. McLaughlin suggested that they add the reference to the NCDOT standard for it.

Mr. Pearson shared NCDOT Section 4.6 Rock Inlet Sediment Trap Types A, B, C:

https://connect.ncdot.gov/resources/roadside/SoilWaterDocuments/Erosion%20and%20Sediment%20Control%20Design%20and%20Construction%20Manual_Rev20220519.pdf

Mr. Pearson suggested that it wouldn't be too hard to revise the current diagram to call out that it should be protected earth. Mr. Parrish asked that if the committee would like to see specific updates to the drawings in the manual, to make note of that in the practice standard edits to call out that DEMLR need to address them.

Mr. Taylor deferred [6.17](#) and [6.52](#) until next meeting.

Moved on to open discussion. Mr. Lang requested that the links to the standards being reviewed be sent ahead of time so Committee members can be prepared with their comments. Ms. Coppa said she'd include them in the minutes of this meeting.

The next regularly scheduled meeting will be a hybrid meeting and is scheduled for 3:00pm – 5:00pm on September 21, 2032, and will be held as a WebEx meeting.

Mr. Taylor adjourned the meeting at 5:03 pm.