

Meeting Minutes

Seacoast Stormwater Coalition Meeting

Zoom

Wednesday, June 21, 2023, 1:00 – 3:00 p.m.

Present:

| | | | |
|-----------------|---------------------------|--------------------|---------------|
| Gretchen Young | Dover- Chair | Jamie McCarty | Portsmouth |
| April Talon | Durham | Daniel Okuniewicz | Portsmouth |
| Sarah Large | FB Environmental | Abigail Lyon | PREP |
| Paul Sanderson | Greenland | Renee Mclsaac | Rochester |
| Eric Sunderlin | Hampton | Cary Boyle | Rollinsford |
| Joe Lynch | Hampton | Jason Rucker | Rye |
| Michael Trinqu | Hoyle-Tanner/SWA/Chester | Mike Bobinsky | Somersworth |
| Lisa Perreault | Kingston | Amber Hall | Somersworth |
| Sam Ashbrook | Kingston/Milton/Verdantas | Autumn Scott | SRPC |
| Chris Jacobs | Milton | Nate Mears | Stratham |
| Chris Robillard | New Castle | Megan Cramton | TEC/Seabrook |
| Lindsay Butler | Newmarket | Amber Hall | Somersworth |
| Andrea Bejtlich | NHDES | Jamie Houle | UNH SC |
| Sally Soule | NHDES | Bill Arcieri | VHB |
| Tom Swenson | NHDES | Christine Rinehart | Wright-Pierce |

1. Introductions

- Tom conducted roll call alphabetically by municipality or affiliation.

2. Approve meeting minutes

- There were no comments on the May 17, 2023 meeting minutes.

3. State of Our Estuaries Website – PREP Staff

- Abigail Lyon presented.
- Every 5 years, the [State of the Estuaries Report](#) is released. It reports on the status and trends for [21 indicators](#) on the health of the Piscataqua Region Watershed. The last report was published in 2018.
- Jaime shared his favorite quote from the report. "We must improve water and habitat quality using everything we can control to compensate for factors that we cannot control."
 - Indicators we can control:
 - There is a goal for less than ten percent of impervious cover in each community. There has been an increase in impervious area since the last report.
 - There is a concern about the amount of total suspended solids in the watershed. The Great Bay is turbid which reduces the light penetrating the water column to eelgrass which is very important for sediment stabilization, nutrient uptake, and habitat for wildlife.
 - Nitrogen loading has improved since the last report. For point source pollution, it's the lowest it has been since consistent monitoring began in 2003. Non-point sources have increased 15% since the 2018 report.
 - Indicators we can't control:
 - Precipitation
 - Temperature
- There have been trends showing positive impacts on the estuaries since the last report.
 - Conservation land has increased by 2.6% in new land area. The Conservation Focus Areas (CFA) in the watershed is now 29.3%.

- There has been a dramatic increase in oyster aquaculture which is great for water filtration and clarity.
- The State of the Estuaries website has a [report for municipalities](#) to see what they can do to help improve these indicators.
- PREP partnered with NHDES to create the [Piscataqua Watershed Data Explorer](#). You can look at the sampling sites and data analyzed for the State of the Estuaries Report. It's in beta mode, please poke around and use it. There is a feedback form on the Data Explorer. Trevor Mattera is heading this project. Contact [Trevor](#) if you have any questions/comments/concerns.
- Outreach:
 - The folks at PREP are willing to speak to conservation commissions and any interested groups.
 - They are working on slides and talking points available for "why this matters" for you to present to groups as well.
- If you're interested in having hardcopies of this report for your communities, please contact [Abigail](#).
 - Rene McIsaac of Rochester would like some copies.

4. Street Sweeping and Catch Basin Regulations Discussion Follow-Up

- Gretchen presented.
- Ted Diers is bringing the comments and questions from both Stormwater Coalitions to the NHDES Waste Division.
- There was a very preliminary meeting held by the NHDES Waste Division to provide information on the new Solid Waste rules.
 - Today is the deadline to submit comments to the Waste Division on the rules.
 - Gretchen provided the questions from both Stormwater Coalitions to the Waste Division as a response to the rules.

5. [Existing/Old Permittees Year 5 Requirements](#) Review

- Tom presented.
- Appendix F
 - Chloride TMDL
 - Winter Maintenance Plan must be fully implemented.
 - Phosphorus TMDL
 - A description of planned nonstructural and structural best management practices (BMPs).
 - A description of the Operation and Maintenance (O&M) Program for BMPs.
 - A BMP implementation schedule.
 - A cost and funding source assessment for BMPs.
 - Complete written Lake Phosphorus Control Plan.
 - Bacteria TMDL or impairment (Appendix F and H requirements)
 - The permittee must conduct annual outreach on:
 1. Pet waste
 2. Septic systems (as applicable)
 - All catchments draining to a waterbody with a bacteria TMDL or impairment must be designated either Problem Catchments or HIGH priority.
- Appendix H
 - Nitrogen and phosphorus impairments have the same requirements.
 - Outreach on:
 1. Fertilizer use and lawn clippings
 2. Pet waste
 3. Leaf litter disposal

- Increased street sweeping during the spring and fall. Alternatively, street sweeping in the spring and municipal leaf pickup in fall.
- The following requirements will be discussed in further detail under agenda item # 8 which is the Nitrogen Source Identification Report (NSIR) and Phosphorus Source Identification Report (PSIR) update:
 1. Evaluate all permittee-owned properties identified as presenting retrofit opportunities or areas for structural BMP installation for:
 1. The next planned infrastructure, resurfacing or redevelopment activity planned for the property OR planned retrofit date.
 2. The estimated cost.
 3. The engineering and regulatory feasibility of redevelopment or retrofit BMPs.
 2. Provide a list of planned structural BMPs as well as a plan and schedule for implementation.
 - A minimum of one structural BMP within the drainage area of the water quality limited water or its tributaries must be installed by permit Year 6.
- Chloride impairment
 - The Salt Reduction Plan must be fully implemented.
- Solids, oil and grease, or metals impairments
 - Increased street sweeping with schedule for areas with high pollutant loads.
- Please reach out to the chairs, Tom, or Deb with any questions regarding these requirements.

6. New Permittee Year 5 Requirements Review

- Appendix F and H
 - Bacteria TMDL or impairment (Appendix F and H requirements)
 - The permittee must conduct their annual outreach on:
 1. Pet waste
 2. Septic systems (as applicable)
 - All catchments draining to a waterbody with a bacteria TMDL or impairment must be designated either Problem Catchments or HIGH priority in implementation of the IDDE program.
 - Nitrogen and phosphorus impairments have the same requirements.
 - Outreach on:
 1. Fertilizer use and lawn clippings
 2. Pet waste
 3. Leaf litter disposal
 - Increased street sweeping during the spring and fall. Alternatively, street sweeping in the spring and municipal leaf pickup in fall.
 - Adoption of or amendment to ordinances or other regulatory mechanism for new development or redevelopment to include a requirement that new development and redevelopment stormwater management BMPs be optimized for nitrogen removal.
 - Solids, oil and grease, or metals impairments
 - Increased street sweeping with schedule for areas with high pollutant loads.
 - Part 2.3.6, Stormwater Management in New Development and Redevelopment: All stormwater management systems on commercial or industrial land use areas draining to the water quality limited waterbody shall have an emergency turn off and containment to isolate the system in the event of an emergency.

7. IDDE Wet Weather Sampling Clarification

- Jaime presented.

- You have seven years after the completion of dry weather sampling. This makes wet weather sampling due in permit Year 10. However, if you have a problem area or a catchment that is labeled as high priority, wet weather sampling for these would be due in Year 7.
- Q- With it being so difficult to collect and process the samples, how firm should the hold time be?
A- The instructions say eight hours from rainfall. If you're not following a QAAP, the holding time doesn't change much. So, a screening level should be ok if they're on ice (at holding temp).
 - Your exceedances might be high with an increased holding time. Note: samples should always be on ice at 4°C, regardless of if the holding time is extended. Keep in mind that the permit only considers something an exceedance if you are above threshold for Ammonia, Surfactants, Bacteria, or Chlorine.

8. Appendix H Nitrogen and Phosphorus Year 5 Requirements

- Tom presented.
- Communities with nitrogen impairments:

| | |
|--------------|-----------------|
| ○ Danville | ○ Newmarket |
| ○ Dover | ○ North Hampton |
| ○ Durham | ○ Portsmouth |
| ○ Exeter | ○ Raymond |
| ○ Greenland | ○ Rochester |
| ○ Hampstead | ○ Rollinsford |
| ○ Hampton | ○ Rye |
| ○ Kingston | ○ Sandown |
| ○ Milton | ○ Somersworth |
| ○ New Castle | ○ Stratham |
- Communities with phosphorus impairments:

| | |
|-------------|---------------|
| ○ Dover | ○ Raymond |
| ○ Hampstead | ○ Rollinsford |
| ○ Kingston | ○ Somersworth |
| ○ Newton | |
- The requirements are the same for both nitrogen and phosphorus impairments:
- The [Nitrogen Source Identification Report](#) (NSIR) and [Phosphorus Source Identification Report](#) (PSIR) templates have been updated to meet the Year 5 requirements.
 - Section 1: Nitrogen/Phosphorus Identification Report (Year 4)
 - The only differences to the original content of the reports from Year 4 are on the title page and the original report has been labeled as "Section 1: Nitrogen/Phosphorus Source Identification Report (Year 4)". You should be able to copy and paste the information from your Year 4 NSIR/PSIR into the updated NSIR/PSIR templates.
 - Section 2: Potential Structural BMPs Report (Year 5):
 - The Year 5 requirements use a lot of information we created in the Year 4 NSIR/PSIR.
 - You can find the needed information for section 2.1 in one of two places depending on how you completed section 1.5 of the NSIR/PSIR:
 - Use the NSIR/PSIR Attachment D "Identification of Potential Retrofit" that you submitted with your NSIR/PSIR for Year 4.
 - **OR** the Engineering Feasibility Assessment Report included in section 1.5 of the NSIR/PSIR from Year 4.
 - BMP tracking information can be found within the PTAP database if permittees have been using it or information can be entered manually into the table in section 2.3.

9. Year 5 Requirements Check-In

- Tom presented.

- The end of Year 5 is on June 30, 2023. Does anyone have any questions on any Year 5 requirements?
- No one had any questions or concerns. Tom encouraged anyone with questions to reach out to the chairs, Deb, or him for assistance.

10. Appendix F and H Chloride Impaired Waterbodies Parking Lots Lists

- Tom presented.
- We were contacted by a few communities after the lists containing 10 or more parking spaces were posted, saying that not every parcel with 10 or more parking spaces was listed in the spreadsheets.
- These lists are a starting point to meet these requirements. Please use these as a jumping off point.
- The spreadsheets are only as good as the GIS data provided, meaning that there are limitations.
- The number one goal would be to implement rules or regulations that require private parking lots and street owners to use certified Green SnowPro contractors.

11. Annual Salt Usage Reports Reminder

- Tom presented.
- Anyone with a chloride TMDL or impairment must submit their [Annual Salt Usage Report](#) by June 30th.

12. Clean Water State Revolving Fund Update

- Tom presented.
- The deadline to submit pre-applications was June 1st. There were 33 pre-applications submitted for stormwater. The pre-proposals are currently being ranked.
- The list of funded projects will be released in mid to late July for review.

13. Appendix F Lake Phosphorus Control Plan (LPCP) Year 5 Requirements

- Tom presented.
- Communities with a phosphorus TMDL:
 - Raymond
 - Kingston
- We created a template to meet the Year 5 requirement within the LPCP. However, there are a lot of different components to the LPCP requirements. The LPCP has requirements up to Year 15.
- We want to make sure the template isn't missing anything or going to create more work for permittees in the long term. We prefer these templates to be set up so they are ready to be used for subsequent years. The goal is to include Year 6 requirements as well.
- This all being said, the LPCP template will not be complete before the Year 5 Annual Report is due. We will still post the draft template on the NH MS4 website, but it will not be complete.
- Feel free to look at the draft of the template but we want to caution you that it will be changing and likely be different from the final version. We don't want you to complete the draft version, then have the final version come out and it be completely different than what the draft was.
- Additionally, we will create language to include in the Year 5 Annual Report to state that the permittee has many of the LPCP requirements already completed but they are not in the final LPCP form as of yet.
- We will be hosting a workshop to go over the finalized template in August to explain everything in detail and to answer any questions.
- A meeting invite will be sent out soon with the date and time of the workshop.
- LPCP requirements previously completed:
 - Legal analysis which was due in Year 2.
 - Funding source assessment which was due in Year 3.
 - Define the LPCP Scope area which was due in Year 4.

- Calculate the baseline phosphorus load, allowable phosphorus load, and phosphorus reduction requirement which was due in Year 4.
- LPCP requirements due in Year 5:
 - Planned nonstructural controls.
 - Planned structural controls.
 - Operations and maintenance (O&M) program for BMPs.
 - BMP implementation schedule.
 - Cost and funding source assessment.

14. Updates and Upcoming Events

- **UNH T2 has more trainings, check their website for more information!**
- **UNH T2 Winter Operations Strategy for Supervisors and Directors**
August 15th, August 16th, and September 19th
7:30-2:00 PM
[Registration and Details](#)
- **UNH T2 The Winter Road More Traveled**
August 22nd and 23rd
8:30-11:00 AM
[Registration and Details](#)
- **UNH T2 Calibrating Winter Operations**
September 7th
12:00-1:00 PM
[Registration and Details](#)
- **2023 NH Salt Symposium**
September 13th
NH Motor Speedway
1122 NH-106
Loudon, NH
Details and Registration Coming Soon
- **2023 Asset Management Conference for Water Infrastructure – POSTPONED to 2024**
~~November 2nd~~
~~8:00-3:30 (registration starts at 7:30 AM)~~
~~Edward Cross Training Center Complex~~
~~722 Riverwood Drive~~
~~Pembroke, NH~~
~~Post~~
Details and Registration Coming Soon
- **[NHDES Infrastructure Funding Webpage](#)**
Information on any available funding will be posted on this website.

Use the [email alerts page](#) to receive updates from NHDES pertaining to CWSRF/ARPA/Infrastructure funding opportunities.

All upcoming events and funding deadlines, that are currently known, can be found on the [important dates page](#).

15. Upcoming meeting dates for 2023 – Mark your calendars! Meetings will occur on the 3rd Wednesday of each month. We will continue working on the elements necessary for Year 5 requirements of the permit

and update the SWMP template as needed. Following are the topics that are planned for the monthly meetings. Please note that topics may change dependent on priorities identified during the year.

2023 Meeting Dates

July 19th: Prepare for Year 5 Annual Report

August 16th: Prepare for Year 5 Annual Report

September 20th: Prepare for Year 5 Annual Report

October 18th:

November 15th:

December 20th:

Please email potential agenda items and/or presentations to Deb Loiselle at deborah.s.loiselle@des.nh.gov. These will be considered for upcoming meetings and very helpful in the development of the monthly agendas.

16. Sign-in Sheet – Your names will be documented during roll call.