

MINUTES -

Nashua and Manchester Regional Stormwater Coalition Meeting

Nashua Regional Planning Commission Office

9 Executive Park Dr. #201, Merrimack, New Hampshire

Thursday, December 13, 1:00 to 3:00 p.m.

Present:

<i>Gordon Leedy, Chair</i>	<i>Amherst</i>	<i>Deb Chisholm</i>	<i>Nashua</i>
<i>Jeremy Bouvier, Chair</i>	<i>Manchester</i>	<i>Jay Mink</i>	<i>Nashua RPC</i>
<i>Simon Corson</i>	<i>Amherst</i>	<i>Sara Siskavich</i>	<i>Nashua RPC</i>
<i>Eric Hahn</i>	<i>Amherst</i>	<i>Andrew Smeltz</i>	<i>Nashua RPC</i>
<i>Michael McLaughlin</i>	<i>Bedford</i>	<i>Mason Twombly</i>	<i>Nashua RPC</i>
<i>Jeanne Walker</i>	<i>Bedford</i>	<i>Deb Loiselle</i>	<i>NHDES</i>
<i>Craig Durrett</i>	<i>Derry</i>	<i>Barb McMillan</i>	<i>NHDES</i>
<i>Todd Croteau</i>	<i>Hollis</i>	<i>Kate Politano</i>	<i>NHDES</i>
<i>Joan Cudworth</i>	<i>Hollis</i>	<i>Katie Zink</i>	<i>NHDES</i>
<i>Thomas Bartula</i>	<i>Hooksett</i>	<i>Zach Swick</i>	<i>Southern NHRPC</i>
<i>Earl Labonte</i>	<i>Hooksett</i>	<i>Slyvia von Aulock</i>	<i>Southern NHRPC</i>
<i>Heidi Marshall</i>	<i>Hoyle Tanner</i>	<i>Michele Decoteau</i>	<i>Wilton</i>
<i>Krista Larsen</i>	<i>Laconia</i>	<i>Jamie Houle</i>	<i>UNHSC</i>
<i>Dawn Tuomala</i>	<i>Merrimack</i>	<i>Glenn Davison</i>	<i>NHDOT</i>
<i>Lincoln Daley</i>	<i>Milford</i>	<i>Mark Hemmerlein</i>	<i>NHDOT</i>

1. Introductions: Those in attendance are listed above.

2. Meeting Minutes:

- September and November meeting minutes were approved.
- There will be no May meeting minutes.

3. NHDOT SADES Culvert & Closed Drainage Systems (CCDS):

- SADES is a cloud based solution for asset management and data collection. It provides specifications, methods, training and data exchange.
- SADES is a collaboration between the state, RPCs, municipalities and T2. It is owned and managed by DOT.
- It covers guardrails, road service management, sidewalks- cross walks, closed drainage, etc.
- It covers the common needs of agencies.
- Provides uniform training and process.
- More efficient to collect and share the same data.
- Uses ArcCollector on an iPad.

- To be part of the Cloud you have to be formally trained and then can be in the user group. You can Google the data if you are looking for read only access but cannot add or manipulate data without training.
- Training is done through UNHT2
- There are four feature layers; inlets, outlets, pipes, and drainage structures.
- Each asset is assigned a unique ID which is used statewide.
- Q- When you say drainage structure what do you mean?
 - A- Catch basin, BMPs have been put aside for now. NHDOT is currently in phase I.
- Q- Would it be helpful to trace the source of the data? Errors have been found in the data for Amherst. There is a drainage ditch with culverts that show up as stream crossings. There should be a review process.
 - A- NHDOT plans to ask those who want to use the data to work with the RPCs to QC the data. If you catch mistakes let someone know.
 - SNPC uses SADES and lets Shane Csiki (NHDES) know about changes.
- Training will be posted online. *Note: The UNH T2 training schedule for SADES CCDS is currently not available. This information will be posted when available.*
- System mapping started in 1993- inlets, outlets and drainage structures.
- Things not in CCDS include BMPs, Flow and Catchment.
- IDDE includes system mapping, outfall rankings, dry weather sampling.
- It is done on regulated outfalls and interconnections.
- Classifications of regulated outfalls exclude outfalls to single catchments, catchment within limited access of ROW, no structures within 100 feet (doesn't have sewer layers).
- High priority – beaches, shellfish beds, etc.
- Low priority- everything else.
- Q- Are you prioritizing pipes that aren't outfalls?
 - A- Yes, it says right in the permit outfalls and interconnections.
- If an outfall doesn't connect to waters of the US (i.e. standing on the headwall and see Red Oaks and Pines then it is not a water quality issue) it's not regulated. If there is conveyance to a swamp then it is.
- Q- If a municipality participates in SADES should they make updates once a year?
 - A- They should update every day. If you've had the training then you can make changes.
- Q- How does that stop people from messing up the data?
 - A- You have the training so it shouldn't be an issue. This is the reason training is required.
- Q- At this point is DOT committed to keeping this data?
 - A- Yes, DOT is the host, QC is system wide.

- How do you get an ArcGIS username?
 - A- If you have one then you are added to the list. If not, they have some that can be shared and they will assign one.
- Q- Can you delete a feature?
 - A- Yes, but it will have your name on it.
- Q- How long do you keep versions?
 - A- There is a daily version so it's synced as soon as it's submitted. DoIT (Department of Information Technology) backs the system up every evening.
- The NHDOT SADES CCDS Presentation and SADES CCDS Protocol document are posted on the Stormwater Blog with the December 13, 2018 meeting information.

4. NHDES Salt Certification Program:

- Kate Politano's contact information is: Phone: 271-5329, Email: Kate.Politano@des.nh.gov. Kate is the NHDES Salt Reduction Coordinator.
- Tracking salt usage- there are two methods: 1.) Online through UNHT2. The database can be accessed at: <http://www.roadsalt.unh.edu/Salt/> 2.) NHDES paper copy. The paper copy can be found online at: <https://www.des.nh.gov/organization/divisions/water/wmb/was/salt-reduction-initiative/documents/nhdes-w-07-071.docx>
- Private companies that are Green SnowPro certified are required to track salt usage.
- Municipalities with a chloride impairment are required to track their salt using the UNHT2 online tool starting Year 2. Please refer to Appendix H, pages 10-14, for all requirements pertaining to a chloride impairment.
- Municipalities with a chloride TMDL are also required to use the UNHT2 online tool to track their annual salt usage. Please refer to Appendix F, pages 1-3, for all requirements pertaining to a chloride TMDL.
- You will need to use and document BMPs including; pre-wetting, anti-icing, pavements sensors
 - Following is the link to the NH Certified Green SnowPro document titled, "Training Materials for Best Management Practices for Winter Road, Parking Lot, and Sidewalk Maintenance":
https://t2.unh.edu/sites/default/files/media/GSP/bmp_manual_and_training_program_2014.2018.pdf
- Equipment calibration has been found to provide large savings to both cost and time.
- Dover will have someone at the shed to help track salt usage.
- The purpose of the Green SnowPro certification is to reduce salt while still being safe. In order to become Green SnowPro certified, you are required to complete a 4-hour training with exam every 5 years, and a 2- hour refresher training every 2 years.
- Kate has fliers for salt certificates and homeowner reduction practices, which may help with the education and outreach portion of the MS4. Barb McMillan, with assistance from the Education and Outreach Subcommittee, will also be providing options for education and outreach

materials in the matrix. Barb will be presenting this information, and information on all education and outreach, at the January meeting.

- Salt should be stored properly on a non-porous surface and covered.

5. EPA Notification and/ or Permit Authorization:

- Hollis heard back from EPA. They wrote N/A for sanitary sewer and EPA wanted a responsible party contact so they put in Parks and Recreation. They also had to add in Witches Brook as an impaired waterbody.

6. IDDE Development and Implementation Plan:

- Gretchen from Dover has done a lot of work on an IDDE document , she took the Central Massachusetts Regional Coalition’s IDDE Plan (which is in the EPA toolkit) and tweaked it to meet the needs of the MS4 municipalities within the Seacoast Stormwater Coalition. This IDDE Plan can be found online at:
https://www.centralmastormwater.org/system/files/uploads/final_idde_template2016.pdf
- A copy of the Seacoast Stormwater Coalition IDDE Plan will be shared with the Manchester & Nashua Stormwater Coalition members at an upcoming meeting. Deb explained that the Seacoast Stormwater Coalition members just started working on this at their December meeting and will be the focus over the next few months. Deb suggested that this would be a good IDDE plan for the Manchester & Nashua Stormwater Coalition members to consider adopting. Jamie Houle also suggested this as it would provide consistency amongst the NH MS4 municipalities similar to how we all addressed the NH MS4 NOI.
- Deb passed out a 10 year timeline which provides a summary of the requirements for an IDDE plan.
- We will work through the Seacoast template next month.
- Q- What data needs to be collected?
 - A- There needs to be a discussion about that.
- Catchment Delineation- Simon from Amherst and Daniel from UNH will look into using Python in GIS. If this works it might be something that the RPCs can do.
- Water Quality maps from NHDES don’t work well for MS4 communities to do mapping.
- Q- Is there a tool for knowing what to treat i.e. nutrient reduction for Chlor-A?

7. Outreach and Education MCM #1:

- The outreach and education subcommittee met and reviewed the matrix, prioritized the first 3 sections and talked about a standardized message. There will be a presentation next month. Let Deb know if you would like to be involved with the subcommittee.

8. Manchester and Nashua Regional Stormwater Coalition Project Fund:

- NRPC invoiced 10 participating communities and all have paid \$2,000. \$20,000 is being held by the NRPC.

9. NH Stormwater Coalition Meeting:

- The 1st Annual NH Stormwater Coalition Meeting will be held on March 28th. The day will include a meeting, tour of the Manchester WWTP, and lunch. ***Please note that the meeting date has changed from March 28th to March 27th. This change occurred after the December 13th meeting and will be announced at the January 10th meeting.***

10. NRPC Offices- New Location:

- The office will be relocating to 30 Temple Street in Nashua in April 2019. Meetings will be held there starting in April 2019.

11. Upcoming meeting dates are as follows, please mark your calendars: Email Deb with potential agenda items. These dates may change due to a conflict with RPC monthly meeting and will be discussed at the January 10th meeting.

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| ○ January 10 th | ○ June 13 th |
| ○ February 14 th | ○ July 11 th |
| ○ March 27th *note this is an all-inclusive NH Stormwater Coalition meeting and will be hosted by the City of Manchester. See note above about change in date | ○ August 8 th |
| ○ April 11 th | ○ September 12 th |
| ○ May 9 th | ○ October 10 th |
| | ○ November 14 th |
| | ○ December 12 th |