

Seacoast Stormwater Coalition Meeting Minutes

Dover Community Services Building, 271 Mast Road
Dover, New Hampshire

Wednesday, December 18, 2019, 1:00 – 3:00 p.m.

Present:

Gretchen Young, Dover

Daniel Lewis, Exeter

Jen Mates, Exeter

James Hafey, Hampton

Heidi Marshall, Hoyle-Tanner

Megan Dalton, Kingston (Geoinsight)

Deb Loiselle, NHDES

Ben Sweeney, NHDES

Katie Zink, NHDES

Phoebe Rafferty, Portsmouth

Paul Cazeault, Rollinsford

Dennis McCarthy, Rye

Gary Lemay, Somersworth

Jackson Rand, SRPC

Phelps Fullerton, Strafford

Tavis Austin, Stratham

Stefen Nguyen TEC

Chris Raymond, TEC/ Seabrook

Jamie Houle, UNH SC

Britt Eckstrom, Wright-Pierce

1. Introductions: All in attendance are listed above.

2. October 16, 2019 and November 20, 2019 meeting minutes: Approved.

3. Year 2 Requirements:

- Deb presented.
- Summary table is not complete. Will be done for January meeting.

4. Written Catchment Investigation Procedures:

- Jamie presented- there were two handouts.
- They are ready to purchase kits and start testing them out when the kids get back from break.
- Jamie was at the Maine SW Conference and that is where the second handout comes from.
- One topic that was discussed was surfactants. The test kit that has an ampule that is a hazardous waste.
- Dry weather sampling was due year one. This will update what was in the IDDE.
- The written procedures for catchment investigations are due at 18 months.
- UNH has been seeing 10-20% of outfalls flowing during dry weather.
- There is a list of sample requirements in the handout.
- There is a YSI probe that costs a couple thousand dollars but can sample most of what is required. This is a screening so it is presence/ absent for the most part.
- Chlorine can't be measured with this probe, but there are easy, cheap kits for that.
- Phosphate, surfactants and E. coli are harder to measure.
- EPA commented that they are not just looking for human sources. The UNH study is focused on human sources.
- For bacteria-the two main kits are Enterolert and Colisure. They are both known to have false positives and they are for presence/absence. The set-up is expensive, about \$5,000. You might be better off finding a lab. It is about \$12 at the NH Health and Human Services (DHHS) lab. The biggest struggle would be meeting the 6 hour holding time needed to get the samples to the lab.
- Q- What is the cost for reagent?

- A- About \$100 for 20 tests.
- Q- Did you look into renting the YSI?
 - No, it was just under \$3,000 to buy. We could potentially buy some as a group and share them.
- Q- When is the first round of testing due?
 - A- you need to have it done by year 3. This summer would be a good time to experiment with the kits and to make sure you have the manpower.
- If you are inland you look for E. coli, tidal would look for Enterococci.
- Q- How many times do you have to do dry weather sampling?
 - A- Page 39 says you have to follow up within 7 years to create a plan, correct it and verify that it's been corrected. The plan must be created in 30 days.
 - That is for if you have a positive hit. There is nothing that says you have to redo dry weather sampling where there is no flow.
- If it looks like there has been flow you should follow up on that too.
- Deb presented on the Written Catchment Investigation Procedure.
- The NEMO (from UCONN) template mostly addressed our needs.
- This is an elaboration for the IDDE section 7.
- This is after you have identified an outfall that you believe has a problem- after your dry weather sampling.
- This recommends looking at maps and other sources of data.
- System vulnerability factors will need to be identified. There is a highlighted area that can be used as a picklist and you can remove all the others.
- You will need to insert your system vulnerability inventory.
- Section 1.3 is dry weather sampling in manholes. This is different from outfalls.
- There is a form that needs to be created. That will be worked on next.
- Section 1.4 goes into wet weather sampling.
- You're only doing wet weather sampling if you have dry weather flow or system vulnerability factors.
- 1.5 is Source Isolation and Confirmation. This goes into types of investigations.
- 1.6 is Illicit Discharge removal. This includes confirmation sampling
- 1.7 is Follow- up. Follow-up needs to be done within five years.
- 1.8 IDDE training. This might be where UNH T2 comes into play.
- There is a Drain Manhole Inspection Log that was handed out.
- Q- Do catch basins need to have cement bottoms?
 - A- No one is aware of that requirement.

5. MCM #6 Good Housekeeping and Pollution Prevention for Municipal Operations

- Deb presented.
- April and Tavis provided QC on the pollution prevention plan, Gary will talk about the SWPPP.
- An instruction box was added and the yellow highlighted sections were removed.
- Anything above the box is necessary, anything below can be used as a picklist for things that your municipality is doing or would like to do.
- This is in good order and meets all of the requirements for year one and two.
- Q-On page 11 there is a question on vehicle washing, outdoor washing. Was it optional?
 - A- Yes, that is optional.
- The idea is to bring this into your SWMP.
- This will be going on the Blog soon.
- Q- Do we need a SWMP in addition to good housekeeping and pollution prevention
 - A- Yes.
- Q- Is that only required if it is in the MS4?

- A- Yes.
- Gary Lemay talked about the SWPPP. There was a handout.
- This is made to be a template for any of the three areas you need a SWPPP for. Your municipality might not have all of these facilities. Wastewater plants already have a SWPPP.
- There were a couple of templates that this was pulled from, one was from Maine and one from the wastewater plant.
- The clean document will be posted and the version with Gary's comments.
- Gary tried to take out information that wouldn't be needed in the SWPPP. If you have questions on what is required, you can refer back to the permit.
- Section three does not have inventories included. It does include the facilities and types of pollutants.
- Sketching a map is acceptable.
- Q- Can we use a Google map.
 - A- Yes, make sure you label what is important.
- Q- How in depth do we need to get with pollutants?
 - A- Oil, grease, metals. You don't have to get into the ingredients. List it the same way impairments are listed.
 - In general, you are talking about things that may be exposed to Stormwater whether that is outside or could get into floor drains.
- For vehicle wash you could refer to MCM #6. Also section 4.8 Employee Training.
- Q- Do we need a standard site inspection report?
 - A- Yes, there is an example on the last page of the handout.
- Q- What is a stormwater event?
 - A- It's a little vague, it would probably be any rain event that causes flow from outfalls.
- Q- What are our next steps?
 - A- Try to create your SWMP and SWPPP and bring back comments to the group if you are having any difficulties.

6. Updates and Other Business:

- Nashua received an email letting them know that EPA did dry weather outfall sampling. The results were sent. The City was never notified that EPA would be sampling.
- There was an email from Dick Snow regarding a \$200 sustaining membership fee. There shouldn't be fees per the _____ minutes. We can ignore this and see what happens. What does membership mean? Letting them hold the funds for us or some other capacity. The group decided that that was separate from this groups membership.
- Did anyone hear back on their first annual report?
 - The EPA doesn't intend to respond to each individual municipality. No one has heard anything.

7. Upcoming Meeting Dates and Agenda Focus for 2020 – *Mark your calendars!*

Meetings will occur on the 3rd Wednesday of each month. We will start work on elements necessary for year 2 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.

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