



Chesapeake Bay Program  
A Watershed Partnership

## Urban Stormwater Workgroup Meeting

### Meeting Minutes

Tuesday, July 19, 2022

10:00 AM to 12:00 PM

Calendar Page: [Link](#)

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### Summary of Actions and Decisions

**Decision:** The USWG approved the May meeting minutes.

**Action:** Tom Butler will incorporate feedback received from the USWG into his efforts to improve urban fertilizer data. He will also include Federal Facilities and DC in these conversations moving forwards.

**Action:** USWG members who are interested in listening to the “Maintaining Forest in Stream Corridor Restorations and Sharing Lessons Learned” presentation are encouraged to reach out to Hilary Swartwood ([swartwood.hilary@epa.gov](mailto:swartwood.hilary@epa.gov)). All recordings cannot be disseminated and are for personal use only.

### Meeting Minutes

#### 10:00 Welcome and Review of May Meeting Minutes.

Norm Goulet, Chair. Attach A.

**Decision:** The USWG approved the May meeting minutes.

#### 10:05 Announcements and Updates

- Chesapeake Urban Stormwater Professional Program
  - <https://chesapeakestormwater.net/chesapeake-urban-stormwater-professionals-cusp/>
  - *Currently, this program is at capacity. They will offer it again at some point in the future.*
  - *Ted Brown:* David, do you have demographics on the 500 that have signed up?
  - *David Wood:* Yes, we have sector affiliation (local gov, private, NGO, etc.), years of experience, and the state folks are from. I haven't parsed through it yet but email me if you're interested. We plan to collect some additional demographic information via a post-course survey
- Others

#### 10:15 Improving Urban Fertilizer Data. Tom Butler, EPA

Following discussions at the USWG and WQGIT earlier this year, CBPO has begun an effort to identify new sources of both farm and non-farm fertilizer data used in CAST. Tom will introduce the workgroup to this effort and ask for feedback on how to refine the scope and ensure that the outcomes will be useful.

#### Discussion:

*Jessica Rodriguez:* How do Federal Lands fit in here? Federal Lands don't apply fertilizer in the same manner as private property. Would it make sense to reach out to the Federal facilities workgroup to talk to them about how the Feds fit in?

*Tom Butler:* I haven't put much thought into this yet.

*Jessica Rodriguez:* I think it would be helpful to reach out to federal facilities because they have contacts within in each jurisdiction. There may be different ways to look at federal lands since they don't apply fertilizer in the same manner as private property.

*Cecilia Lane:* We (DC) don't really have a UNM program. but I think it would make sense if a land manager from DC participated in these conversations - likely a Department of Parks and Rec POC who manages their athletic (primarily) fields portfolio. I'd like to connect with you Tom on DC's representation in this effort. Please reach out to me: [Cecilia.lane@dc.gov](mailto:Cecilia.lane@dc.gov). A blurb about your efforts, the ask, and the timeline would be useful!

*Norm Goulet:* Can you give us any common themes from meetings you've had so far?

*Tom Butler:* some common themes are that not every has the same thing and those that do usually have it in different formats. For the bulk of jurisdictions, it looks like there is a differential between urban and ag. Everyone provides tonnage data, but very few provide application data.

*Norm Goulet:* nothing new there and it's one of the reasons we decided to use state level data instead of county level data.

*Karl Berger:* Couple suggestions: missing so far from your outreach are two sources:

- 1) industry (the manufacture and selling of turf fertilizer). Scotts (50% total market) was sold to Kemlon, and Scotts also owns Vigaro. Gary Felton was going to see if he had any contacts that could help us. I think AAPFCO will always have limitations. Jeff Sweeney does the best he can with the data he was given. If you compare the trends from Jeff (which is AAPFCO data) and Scotts, they were different.
- 2) there should be other places around the country that are trying to track this effort too. So, is there any other state or locality that has come up with a system for tracking this data?

*Joe Wood:* is there a budget associated with improving this data and if there is, would that change things? Can money help fix this problem and if so, how much?

*Tom Butler:* I can't speak too much to that. The budget is mostly just me doing this project. I do know there is a budget to purchase AAPFCO data. I don't know if adding more money to pay for different sources, but Karl Berger's solutions.

*Norm Goulet:* I agree with Karl that there must be another source of fertilizer in the US, and we should try to find that and look at it,

*Tom Butler:* I know Cornell uses a source and USGS uses SPARROW but those both rely on AAPFCO.

*Heather Gewandter:* I also agree with Karl. If anyone knows the county level rates, it would be the manufacturers. I also think it would be good to know the quality of data that is being received. I think part of the process is recognizing if we don't have a good source of data, what are our next steps? What regulatory changes or reporting changes need to be made to make this better? I think those recommendations would be super helpful.

*Dave Montali:* in our state, throwing more money to WV to solve the problem isn't going to work. It would be a mountain to get regulatory changes through. All the information they receive is primarily from big manufacturers and receivers. If we fall back to AAPFCO, we could use state level data as a scaler on top of some base condition to account for change.

*KC Filippino:* I echo what Heather said, I don't think the status quo should be included in the timeline or considered as an option unless it is improved upon.

*Norm Goulet:* to echo Karl, I think in these other large scale modeling efforts we need to know not only what they use but how they use it.

*KC Filippino:* is this just to find the right data sources, or does it also address application?

*Tom Butler:* right now, we are asking if they have application data, and if they do that solves the application data. I would need to talk to other people and see how that could happen because it's not in the scope of what I am doing.

*Norm Goulet:* I think if we are going to be talking to these people, we should be getting as much information from them as possible.

*Tom Butler:* good point, we are asking these questions at these meetings.

*Jessica Rodriguez:* I will send you Federal Facilities POCs.

**Action:** Tom Butler will incorporate feedback received from the USWG into his efforts to improve urban fertilizer data. He will also include Federal Facilities and DC in these conversations moving forwards.

**10:55 Maintaining Forest in Stream Corridor Restorations and Sharing Lessons Learned.** Lisa Fraley-McNeal, CWP

Lisa will present the final draft findings from CWP's work on this 2020 Goal Implementation Team (GIT) funding proposal from the Forestry Workgroup. The project involved developing a guidance document for local governments on the best practices to minimize unintended adverse outcomes to riparian forests and identify opportunities for coupling riparian buffers and stream restoration projects to improve water quality and habitat improvements. The intention of the project is to help improve selection, permitting, and funding processes for stream restoration projects in the Chesapeake Bay watershed.

**Discussion:**

*Jamie Eberl:* are you going to have anything more specific on how to implement some of the recommendations?

*Lisa Fraley-McNeal:* In our best practices we lay out where more information can be found and where you can find additional examples. We didn't want to reinvent the wheel.

*Cecilia Lane:* Not a question, a request: can DC request a webinar or webinar access? I will follow-up offline.

*Ted Brown:* was there any effort on the front end that documents how significant this issue is to decide that this is a wide-spread problem? Similarly, any research done to document any great projects that were done for contrast?

*Lisa Fraley-McNeal:* we don't have an inventory or analysis that shows projects that were done incorrectly.

*Ted Brown:* in the preamble maybe make note that there are many good projects that have been completed and should be acknowledged.

*Norm Goulet:* Ted, for existing works there are several dashboards etc. that highlight some of that information. Lisa, if you could highlight some of those in the chat that would be great.

**Action:** USWG members who are interested in listening to the "Maintaining Forest in Stream Corridor Restorations and Sharing Lessons Learned" presentation are encouraged to reach out to Hilary Swartwood ([swartwood.hilary@epa.gov](mailto:swartwood.hilary@epa.gov)). All recordings cannot be disseminated and are for personal use only.

**11:25 NFWF and Federal Infrastructure Funding.** Jake Reilly, NFWF

As an action item from our May meeting, USWG members requested an update from NFWF to supplement our discussion of state stormwater program impacts from the new federal infrastructure funding. Jake will discuss upcoming NFWF programs, potential changes, and new opportunities because of the new federal infrastructure funding.

**Discussion:**

*KC Filippino:* is any of the infrastructure money going to be used for local monitoring?

*Norm Goulet:* I do know, at the federal level, they are trying to target some money for bay wide monitoring, but I am not aware of anything for local.

**11:45 Adjourn.**

**Call Participants**

Hilary Swartwood, CRC  
Norm Goulet, NRVA  
David Wood, CSN  
Arianna Johns, VA DEQ  
Caitlin Verdu, VDOF  
Cassie Davis, NYSDEC  
Christina Lyerly, MDE  
Dave Montali, Tetra Tech  
Elaine Webb, DNREC  
Jamie Eberl, PA DEP  
Rebecca Hanmer, FWG  
Rosey Santerre, WV Division of Forestry  
Salil Kharkar, DC Water  
Seth Charde, DC Water  
Joe Wood, CBF  
Lisa Fraley- McNeal, CWP  
Karl Berger, MWCOG  
KC Filippino, HRPDC  
Jessica Rodriguez, DoD  
Kevin McLean, VA DEQ  
Samuel Canfield, WV DEP  
Shannon McKenrick, MDE  
Ted Brown, Biohabitats  
Tom Butler, EPA  
Renee Thompson, USGS  
Carol Wong, CWP  
Emily Dekar, USC  
Sarah Koser, CBT  
Sophie Waterman, CRC  
Mark Symborski, M-NCPPC  
Aileen Craig, TNC  
Allie Wagner, NRVA  
Heather Gewandter, City of Rockville  
Steve Bieber, COG  
Cecilia Lane, DOEE  
Heidi Bonnaffon, COG  
Helen Golimowski, Devereux Consulting  
Jamie Shallenberger, SRBC  
Kristen Wolf, PA DEP  
Jeff Colella, WVSA  
Mike LaSala, Land Studies, Inc.  
Ginny Snead, AMT  
Marty Hurd, Fairfax County  
Derick Winn, VA DEQ

Eugenia Hart, Tetra Tech (DE)  
Patti Webb, DNREC  
Gabe Cohee, MDNR  
Ginger Ellis, Ann Arundel County  
Guido Yactayo, UMCES  
William Byrum, USDA  
Alison Santoro, MDNR  
Jeff Cornwell, UMCES  
Lena Easton- Calabria, MARISA- RAND  
Natalia Alba Sanchez, UMD  
Rob Schnabel, CBF

**Affiliation?**

Nathan Timm,  
Brendan Diener,