

Urban Stormwater Workgroup Meeting
Meeting Minutes
Tuesday, February 21, 2023
10:00 AM to 10:45 AM
[Meeting Materials](#)

Summary of Actions and Decisions

Decision: The USWG approved the January 2023 meeting minutes.

Action: Some localities in Hampton Roads are looking at updating the wet pond BMP to incorporate chemical enhancements for additional pollutant reductions. If anyone is interested in helping with this effort, please contact KC Filippino (kfilippino@hrpdca.gov).

Action: Virginia will work with CBPO/CAST team and the ad-hoc fertilizer group to investigate the potential issues raised about Virginia's non-farm raw fertilizer data. The raw data will be posted to the calendar page following the meeting for the group to review.

Decision postponed to March meeting: The USWG will be asked to approve a method for smoothing fertilizer application data to inform turfgrass loading rates in CAST-21. This decision will only be applied to CAST-21 and will be revisited for the Phase 7 Model.

Meeting Minutes

10:00 Welcome and Review of January Meeting Minutes.
Norm Goulet, Chair. Attach A.

10:05 Announcements and Updates

- 2023 BUBBAs are closing soon: deadline is March 3rd
- Protocol 3 Stream Restoration Fix Update
 - Still working on memo to distribute to the group
- Enhancements to wet pond BMP
 - **Action:** Some localities in Hampton Roads are looking at updating the wet pond BMP to incorporate chemical enhancements for additional pollutant reductions. If anyone is interested in helping with this effort, please contact KC Filippino (kfilippino@hrpdca.gov).
- Others

10:15 Turfgrass Fertilizer Application Method for CAST-21. David Wood, CSN

At the January USWG meeting, Jeff presented a recommended method for smoothing the raw fertilizer data received from AAPFCO prior to applying it to turfgrass acres in the watershed.

Following the meeting, outreach was conducted to members of the Ad-Hoc Task Force, who agreed to seek a decision.

Virginia identified a potential issue with their non-farm raw fertilizer data last week that led to postponing this agenda item to the March USWG meeting. Virginia reps will work with CBPO and the ad-hoc fertilizer group to investigate the potential issue over the next few weeks. The decision item will be brought back to the USWG for an official vote at a future meeting.

Discussion

Allan B: Do you want to run through what appeared to be the issues that we're still trying to figure out?

Norm Goulet: I don't want to get into details on it, but I'll give an overview. VA has been working on making changes to the Virginia Runoff Reduction Methodology (VRRM). Fertilizer inputs are part of the equation for turfgrass application. Virginia Tech contractor pulled some data from the state reporting agency and AAPFCO, which was supposed to be the same thing, but during the calculations, questions were raised as to whether or not a conversion rate should have been used. still figuring it out. Olivia and Jeff will work to put these pieces together.

Olivia Devereux: My role is helping with some analyses with Virginia Tech, looking at raw fertilizer data and determining what units are used. Happy to work with Jeff to clarify any issues there.

Christina Lyerly: Will there be a vote in March?

Norm Goulet: Yes, tentative vote in March. We'll decide if it's in March or later after the ad-hoc group takes a look at everything.

KC Filippino: I don't have access to raw data cause I'm not a state rep. Can we figure out a way to look at that?

Jackie Pickford: I'll post it on the meeting page.

Dave Montali: Can you help me understand the basic issue here and why we have a stop?

Norm Goulet: It's related to the raw data itself and how it was used - whether it was TP, PT05, converted or not converted data. Various data sources were used over the years and there are questions about whether or not conversions needed to occur or not to keep everything on the same level.

Dave Montali: If we identified a mistake in the conversion, do we have the ability within Phase 6 to change stuff from 1985 to 2012?

Norm Goulet: No ability to change calibration but post calibration it can be handled within CAST.

Olivia Devereux: We don't change anything before the critical period (1993) because it helped determine the planning targets, but we can change post-1993.

Samuel Canfield: I'd like to be in the ad-hoc meeting. Can I get put on that list?

Norm Goulet: Yeah, David will take care of it.

Action: Virginia will work with CBPO/CAST team and the ad-hoc fertilizer group to investigate the potential issues raised about Virginia's non-farm raw fertilizer data. The raw data will be posted to the calendar page following the meeting for the group to review.

Decision postponed to March meeting: The USWG will be asked to approve a method for smoothing fertilizer application data to inform turfgrass loading rates in CAST-21. This decision will only be applied to CAST-21 and will be revisited for the Phase 7 Model.

10:45 Adjourn.

Participants

Jackie Pickford, CRC
David Wood, CSN
Norm Goulet, NVRC
Dave Montali, Tetra Tech WV
KC Filippino, HRPDC
Cassie Davis, NYSDEC
Cecilia Lane, DOEE
Christina Lyerly, MDE
Elaine Webb, DNREC
Eugenia Hart, Tetra Tech
Ho-Ching Fong, MCDEP
James Dunbar, DOEE
Jamie Eberl, PA DEP
Jeff Sweeney, EPA
Karl Berger, MWCOG
Mark Hoffman, CBC
Marty Hurd, Fairfax Co
Samuel Canfield, WVDEP
Chris Bryk
Alana Hartman, WVDEP
Heather Gewandter

Monique Dykman
Sushanth Gupta, MD DNR
Sophia Grossweiler, MDE
Ted Brown
Alison Santoro, MD DNR
Lisa Ochsenhirt
Aileen Craig, TNC
Fernando Pasquel
Olivia Devereux, Devereux Consulting
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Scott Crafton
Brenda Morgan
Allie Wagner, NVRC
Kyndal Gehlbach, M-NCPP
Helen Golimowski, Devereux Consulting
Camille Liebnitzky
Jesse Maines
Sadie Drescher
Ellis Ginger
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Acronym List

AAPFCO: Association of American Plant Food Control Officials
BUBBA: Best Urban BMP in the Bay Area Award
CAST: Chesapeake Assessment Scenario Tool
CBPO: Chesapeake Bay Program Office
CSN: Chesapeake Stormwater Network
NVRC: Northern Virginia Regional Commission
USWG: Urban Stormwater Workgroup