



Urban Stormwater Workgroup Meeting
Tuesday, October 20, 2020
10:00 AM to 11:15 AM
Meeting Minutes

Summary of Actions and Decisions

Action: Send comments to changes in ICR to David Wood and Norm Goulet by October 27th. If no comments are received this will be considered approved by the USWG and will be presented to the WTWG.

Action: Reviewers and Bidders for the RFP should be submitted to Scott and Emily in the next 10 days. Please send to Norm Goulet and cc Hilary. We will forward to Scott and Emily.

Action: Hilary Swartwood will send the RFP to the USWG, highlighting the areas where support is needed.

Meeting Minutes

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

10:05 Announcements and Updates

- ICR Update
 - **Action:** Send comments to changes in ICR to David Wood and Norm Goulet by October 27th. If no comments are received this will be considered approved by the USWG and will be presented to the WTWG.
- December Joint Meeting with MWG
 - December 9th from 11:00 – 4:00 PM. Discussing ongoing climate work in regard to IDF curves.
- Verification Committee Updates
 - Biggest subject matter in respect to USWG to date is stream restoration for USWG and AgWG.
- Other Announcements:
 - Stream Restoration Group 4 Memo is going to WQGIT for final approval on Monday, October 26th
 - Comments were received on Climate Resiliency Memo and are being looked at.

10:20 Accounting for Climate Change in the WIP Allocations. Gary Shenk, USGS

In August, the WQGIT made a decision regarding how to account for projected additional loads associated with climate change. Gary will review the background on the issue and final decision.

Discussion:

Jason Papacosma: Can clarification be provided of what return to 2017 non- attainment level means?

Gary Shenk: 6% of CB4 can have these unallowable levels of DO. When we include climate change it goes up to 7.5%. So we need to bring it back down to 6%. Climate change affects different section of the Bay differently. On average the living resources receive the same level of water quality.

Norm Goulet: One of the things GIT decided was to ignore shallow water effects. While understand the GIT's motivation in terms of the Bay TMDL. There are people dealing with local TMDLs.

Gary Shenk: Open water is the surface mix area. The Shallow water is all the small tributaries. This also the area where houses, spawning etc. exist and there are many reasons to protect them. The Bay TMDL is based on oxygen on main part of the bay partly because it's easiest to model compared to the small tributaries (difficult and beyond grasp currently). Not able to say how climate change is going to affect these/ make calculations. There needs to be a better model and the technology is starting to be developed. I think it should be written into science needs so we can model this. How is climate change likely to affect these small areas? Very sensitive to temperature, expect them to intensify due to climate change. In order to understand what is happening we have to start with observational science and then generalize. Understood that those places are important, but we aren't there yet.

10:40 Delaware Afforestation BMP Spec. Randy Greer, DE DNREC

In 2019 Delaware updated their stormwater standards and specs. As part of the update, they added a new Afforestation BMP. Randy will talk about the background and goals for the new spec and potential impacts on future implementation.

Discussion:

Norm Goulet: Was there any concerns about the differential in hydrology effects before that 15-year period, in other words, a site that is forested as a stormwater BMP theoretically you won't see those hydrology effect for man years.

Randy Greer: It was, and we felt if we didn't relax the requirements for short term ot achieve those long-term goals. That was the group decision at the time.

Jason Papacosma: is the 1" standard a retention standard?

Randy Greer: That was another concern too, when the changes we were required to make was for detention. We did have one small concession was 48hrs. The goal was to get as close to base conditions as possible.

Dave Montali: I heard our folks dwindling their forest buffers. As you evaluate that

Randy Greer: I have this same concern we are coming up on a review. The one advantage is they are adjacent to established forests. Relying on natural afforestation you will have an invasive mess.

Karl Berger: given the survival rates, what are the numbers of trees planted/ acre to achieve the long-term tree density goal?

Randy Greer: I forget what our rate is for seedlings, but our goal is 200 planted per acre at the 2-year mark.

11:00 Methods to integrate co-benefits of toxic contaminant reduction into decision tools.
Emily Majcher and Scott Phillips, USGS and Toxic Contaminant WG

Scott and Emily will introduce the USWG to a project selected to move forward in the 2020 GIT funding process. They will bring the WG up to date on the scope of the RFP topic, next steps on preparing materials, and opportunities to be involved in the steering committee.

Discussion:

Cecilia Lane: Please share the matrix.

Olivia Devereux: How is toxics being defined?

Scott Phillips: Defined narrowly- PCBs will be one group.

Emil Majcher: The focus is intended to be PCBs. There are a lot of papers and articles being published that are not all PCBs, so we didn't want to exclude other contaminants. The focus will be PCBs.

Olivia: I would love for this to be incorporated into the modeling tools and I am happy to serve as a reviewer and help craft language for the RFP to ensure that this one can be used in a quantitative fashion.

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11:15 Managing Water from the Front Lines Under a Changing Climate: A Local Government Perspective. Jason Papacosma, Arlington County

Jason will provide the local government perspective on managing water under a changing climate.

Discussion:

Norm Goulet: I asked Jason to do this because it's an ice breaker because it's the subject of the future- how are local governments going to deal with stormwater, water quality and climate change? An integrated approach is the way that we are going to need to go. Is this even being discussed at local levels or not at all?

Randy Greer: We have a group to discuss these issues.

Norm Goulet: Are they even talking about MS4 permits and has the emphasis only been water quality?

Randy Greer: We raised the issues of water quality and physical impacts on BMPs

Jeff White: In MD our new MS4 permits although not final still draft we are giving credit for water quantity captured above and beyond the water quality captured.

Jeff: In VA we have a group looking at this, but I am not sure exactly what they are looking at.

Cecilia Lane: DC is talking internally but getting different agencies to work together is challenging.

Norm Goulet: We probably need to start sitting down as a workgroup and pulling out pieces here and there to address this issue.

Alana Hartman: The recent local government edition of Bay Journal had a lot of information about these topics in it.

Katherine Filippino: competing funding sources is also an issue.

Jessica Rodriguez: The DoD has participated in a few joint land use studies with our neighboring local governments which have included analyses on future flooding impacts and identifying and prioritizing projects to address the flooding issues.

12:00 Adjourn

Call Participants:

Jamie Eberl, PA DEP

Jessica Rodriguez, DoD

Justin Doyle, James River Association

Alana Hartman, WV DEP

Dave Montali, WV Tetra Tech

Jeff White, MDE

Elaine Web, Sediment Stormwater Program

Cecilia Lane, DOEE

James Dunbar, DOEE

Alan Brockenbrough, VA DEQ

Scot Crampton, VDOT

Ruth Minich Hobson, VA DEQ

Olivia Devereux, Devereux Consulting

Gary Shenk, USGS

Jeremy Hanson, VT

Kate Bennet, Montgomery County

Heather Ambrose, City of Rockville

Scott Phillips, USGS

Emily Majcher, USGS

Matt City of Suffix

Ginny Snead, AMT

Mary Gattis, Bay Journal

David Wood, CSN

Norm Goulet, NOVA

Hilary Swartwood, CRC

Shannon McKenrick, MDE

Karl Berger, MWCOG

Katherine Filippino, HRPDC

Allie Wagner, NOVA

Adrienne Kotula, CBC

Doug Austin, EPA
Jason Papacosma, Arlington County
Randy Greer, DE Stormwater and Sediment Program
Marty Hurd, Fairfax County
Jordan Gochenaur, Alliance for the Bay
Brenda Morgan, AA County
Chris Swanson, VDOT
Ginger Ellis, MDNR
Mark Symborski, Montgomery County Planning
Lena Easton- Calabria, Urban Conservation
Charles Hegberg, reGENESIS
Alex Foraste, VA DOT

Affiliation?

Chris Clark,
Jeff, VA DEQ