

CHESAPEAKE BAY PROGRAM
URBAN STORMWATER WORKGROUP
LOG OF ACTIONS & DECISIONS
Last Updated: 09.02.26

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June 16th, 2026

Meeting Materials

Decision: The USWG approved the [April meeting minutes](#).

Action: A call for nominations for one at-large member position on the USWG is now open. The call for nominations with a position description and further details is [posted here](#). Please submit all nominations to David Wood (david@chesapeakestormwater.org) and Petra Baldwin (Baldwin.Petra@epa.gov) by **COB Tuesday, July 21st**.

Action: The [update](#) presented to the USWG for Phase 7 Loading Rate Ratios for Tree Canopy over Impervious and Compacted Pervious will be utilized, with opportunity to give feedback during the year of review.

Action: Long term, USWG and FWG will gather more up-to-date information on leaf litter collection programs and the characteristics of those organics for a better understanding of how they contribute to the overall loads. If you have any leaf litter management programs in your jurisdiction to inform this, please reach out to USWG leadership.

Decision: USWG members reached consensus to conditionally approve the Phase 7 E3 Scenario for the Developed Sector, contingent upon follow-up with absent members via email. An updated memo is [posted](#).

- There was a request that USWG leadership reach out to VIMS to establish whether there were data to support defining a length of “non-eroding shoreline” to further refine the Shoreline Management E3. If a portion of non-protected shoreline were also designated as “non-eroding”, then the percentage of total shoreline covered by the Living Shoreline BMP will be reduced accordingly.

Action: Discussion on the scenario base year will continue at the Goal Team-level, so please share any thoughts on this with your Goal Team member. USWG can provide our considerations on base year during the presentation of developed sector E3 scenario inputs at the August 24th CWGT meeting.

Action: USWG received an introduction on the land change forecasts for the Phase 7 model. USWG is asked to review and approve the utility-scale solar forecasts. USWG will receive a follow-up presentation in August with a revised forecast and more information on validation, with approval sought at the September USWG meeting.

- The Land Use Workgroup is holding office hours [July 15th](#) from 3-4pm for further briefing on the Land Change Forecasts if you are interested in attending.

Action: Management Strategy development is continuing at the Goal Team-level with input from workgroups. If you are interested in being more involved in the development of the Reducing Excess Nitrogen, Phosphorus and Sediment (RENPS) Outcome part of the CWGT Management Strategy, please reach out to USWG leadership.

April 21st, 2026

Meeting Materials

Decision: The USWG approved the March meeting minutes.

Action: If you're interested in being a case study partner for the Climate Decision Support Tool, please [submit this form](#) or reach out to Michelle Miro (mmiro@rand.org) and Krista Romita-Grocholski (kristarg@rand.org). This includes opportunities for those who have used the tool in the past and those who have not used the tool before.

Action: Please provide any additional comments or feedback on the [draft Phase 7 E3 Scenario](#) via email to David Wood (david@chesapeakestormwater.org) by EOD **Friday, May 8**. This includes changes to specific BMP treatment assumptions in the table as well as general questions about how to deal with fertilizer, what base year to recommend, etc.

Action: USWG Leadership will work on an updated version of the Phase 7 E3 Scenario based on feedback received and other additions like the shoreline management BMP. This will be presented to the USWG at an upcoming meeting, likely in June, to begin working towards approval/recommendation to the CWGT.

Action: Please review [this spreadsheet](#) and share any initial thoughts on the opportunity for using remote sensing to track and/or verify different developed sector BMPs via email to USWG Leadership and Eric Hughes, EPA (Hughes.Eric@epa.gov). Please also share any feedback or ideas on applications of remote sensing in the urban sector beyond BMP tracking/verification.

Action: USWG Leadership will make a revised assessment of the remote sensing BMP spreadsheet for the workgroup to discuss at an upcoming meeting.

March 17th, 2026

Meeting Materials

Decision: The USWG approved the February meeting minutes.

Action: If you have any research or data to contribute to the Clean Streets = Cleaner Water Initiative or are interested in being a Steering or Supporting Committee member, please reach out to Seth Brown, Greg McPartlin, and Andrew Sheerin (seth.brown@nationalstormwateralliance.org, greg@urbanquarriesus.com, asheerin@fashomsolutions.dev). They will share public-facing information once the initial phase of the initiative is completed.

Action: If you have any questions or comments on the USGS remote sensing of stormwater BMPs project, including what types of metrics would be useful to consider, please share them with Krissy Hopkins (khopkins@usgs.gov).

Action: If you plan to review and provide comments on the [Phase 7 land use time series](#), please share them with Sarah McDonald (smcdonald@usgs.gov) by **Friday, March 27**. When submitting feedback, please identify whether you are submitting (a) questions; (b) issues; or (c) errors. Please also share by March 27 if you need additional time and please indicate how much more time you need and for which jurisdiction. *Post meeting update: All 197 counties are now complete and available on the web viewer.*

Action: Sarah McDonald and the CBPO Land Data Team will fix the bugs on the web map and alert USWG members when it is ready.

February 17th, 2026

Meeting Materials

Decision: The USWG approved the December meeting minutes.

Action: USWG leadership will put together a draft initial E3 scenario that addresses new BMPs to share and discuss with USWG at an upcoming (likely April) meeting,

Action: Please reach out to USWG leadership and Auston Smith (Smith.Auston@epa.gov) with any questions about E3 Scenario development and whether there is interest or need for additional office hours on this topic.

Action: David will follow-up with Tyler Trostle, PADEP about their question on receiving baseline credit in Phase 7 for PA's urban Fertilizer Law.

Action: If you want to share more challenges and needs for funding and technical assistance, you can send them to USWG leadership and Travis Ostrom (Ostrom.Travis@epa.gov) or [submit them through this survey](#). The survey will remain open to field continued comments.

December 16th, 2025

Meeting Materials

Decision: The USWG approved the October meeting minutes.

Action: At-large members should email Petra (Baldwin.Petra@epa.gov) to confirm they are interested and able to continue serving in their position through June 2026 until CBP structure and governance changes are solidified.

Action: The deadline for additional data to be included in the final MS4 Data Layer for Phase 7 is **Friday Jan 23rd, 2026**. Please send data and comments to Rebecca Ransom (rransom@usgs.gov) and Petra (Baldwin.Petra@epa.gov) if you have not already done so. If no new data is received for your jurisdiction, the current draft layer in [this map viewer](#) will be used.

Decision: The USWG approved the division of Compacted Pervious into regulated (within MS4s) and non-regulated compacted pervious for the Phase 7 Load Sources.

Decision Requested: Voting members should review the provided [materials](#) and send your consensus vote (1-5 scale) to approve the mapping of developed sector BMP eligibility on Phase 7 Load Sources as shown in [this matrix](#) to Petra (Baldwin.Petra@epa.gov) by **Monday Dec 29th**. If you have any questions or comments for changes to the BMP eligibility, please send them ASAP to David (david@chesapeakestormwater.org) and Jess (jrigelman@j7llc.com) as well.

- **Post-meeting Decision:** The USWG approved the mapping of developed sector BMP eligibility on Phase 7 Load Sources via email following the December 2025 meeting.

Action: Please provide feedback and comments on the [Beyond Bean Counting draft report](#) to Norm, David and Petra by **Thursday Jan 8th, 2026**.

Action: USWG will discuss and explore how remote sensing and other innovative practices could be used to track BMPs, especially in non-regulated areas, for a watershed-wide approach.

October 21st, 2025

Meeting Materials

Decision: The USWG approved the [September USWG Meeting Minutes](#).

Action: Please continue to share approval or requested changes to your jurisdiction's boundary in the MS4 Data Layer to Petra (Baldwin.Petra@epa.gov) and Rebecca (rrandom@usgs.gov) by Friday October 31, if possible, for incorporation into a new draft of the preliminary layer by USGS upon their return to work. The deadline of Jan 23rd, 2026 for new data for the final version to be used in Phase 7 calibration still stands for now. USWG members will be notified if the timeline changes.

Action: USWG voting members are asked to review the Urban Nutrient Management Panel Report and provide your vote via email to Petra (Baldwin.Petra@epa.gov) by **EOD Wednesday, November 12th**. If you have any questions, please contact David (david@chesapeakestormwater.org). Materials will also be shared with WTWG and WQGIT for their review ahead of approval at their November meetings.

- **Post-meeting Decision:** The USWG approved the Urban Nutrient Management Panel Report via email following the October 2025 meeting.

Action: USWG leadership will follow up with CBP about the timeline for when the UNM BMP could be incorporated into the model and for use as a planning BMP in CAST.

Action: PA DEP will make updates based on feedback to their presentation and proposal for a Post-Construction Stormwater Management BMP to be put up for a vote at a subsequent USWG meeting. PA DEP may begin work to prepare a white paper, as would potentially be required for approval of this BMP. If you have any questions or further comment, please contact Tyler Trostle, PA DEP (tytrostle@pa.gov).

Action: USWG leadership will follow up with CBP to clarify when PA DEP's proposed Post-Construction Stormwater Management BMP could be implemented, if approved by the workgroup.

Action: USWG leadership will contact jurisdictions to find out where they stand with tracking, reporting, verifying, and maintaining BMPs in unregulated areas to determine a path forward for addressing this issue as a workgroup.

Action: If you have any further comments on CBP Structure, please reach out to USWG leadership. We will continue to follow up with the group as CBP structure, particularly workgroup structure, is discussed further.

September 16th, 2025

Meeting Materials

Decision: The USWG approved the [July 2025 USWG Meeting Minutes](#)

Action: The Urban Nutrient Management Expert Panel is finalizing their report and recommendations to be presented to the USWG at the October 21st meeting. Approval will be sought by email following the meeting by October 24th. If you have any questions or comments from the initial recommendations presented, please contact David Wood (david@chesapeakestormwater.org).

Action: USWG did not approve the MS4 Data Layer during the meeting. Rebecca Ransom will provide an updated data layer to members aiming for approval via email by November 1, 2025 to be used for model development. If you have any comments on the current draft data layer, please email Rebecca (rransom@usgs.gov) ASAP.

Action: Additional MS4 data may be included for a second-round update of the MS4 Data Layer for Phase 7, recognizing expected data from Virginia. Any data must be received by January 23rd, 2026 in order to be used in calibrating the Phase 7 watershed model. If no new data is received, the layer approved on Nov 1, will be used.

Action: If you have any questions about the Vulnerability Assessment Guidance tool, please reach out to Michelle Miro (mmiro@rand.org). The toolkit is expected to be released in mid-November 2025.

July 15th, 2025

Meeting Materials

Decision: The USWG approved the [May USWG Meeting Minutes](#)

Action: If you have any questions about the Phase 7 timeline, please reach out to Jeremy, Norm, and Petra. You can view slides from previous presentations of the Phase 7 timeline to [WQGIT](#), [MB](#), and [Modeling WG](#). A draft list of WQGIT decisions to be completed before Sept 30th is linked [here](#), which the WQGIT will be refining at their [July 28th meeting](#).

Action: The approach to reconcile reported and mapped construction acres will be decided at the [WTWG](#) August meeting. If you have not provided any feedback on construction to your representatives on WTWG, please do so.

Action: If you have any data or contacts to share with Rebecca as she is updating the MS4 and CSS layer for the Phase 7 model, please email her (rransom@usgs.gov).

May 20th, 2025

Meeting Materials | *Note: This was a joint meeting with the Wastewater Treatment Workgroup.*

Decision: The USWG approved the [March USWG Meeting Minutes](#).

Action: If you're interested in being more involved with the exfiltration estimation method, or the SSO load method, email Joseph Delesantro (jdelesantro@chesapeakebay.net) and Petra Baldwin (Baldwin.Petra@epa.gov) or attend upcoming [WWTWG](#) meetings if you want to give input before it is presented to the WQGIT.

Action: If you are interested in following the decisions on land use aggregations and loading rates more closely, attend upcoming [Land Use Workgroup](#) and [Watershed Technical Workgroup](#) meetings.

Action: If you are interested in serving as a pilot for the draft vulnerability assessment, reach out to Krista Romita-Grocholski (kristarg@rand.org) and Michelle Miro (michelle_miro@rand.org). You can also help

them by providing feedback on existing tools they have built (e.g. IDF Curve Tool and Climate Summaries). Please fill out their feedback survey [here](#).

Action: If you would like to support an effort to obtain dedicated funding for updates to MARISA tools, given the indefinite pause on Atlas 14 Vol 2, reach out to Krista Romita-Grocholski (kristarg@rand.org) and Norm Goulet (NGoulet@novaregion.org).

Action: CWP will continue to refine results from the SWMM model and incorporate feedback from the external review into the BMP Interpretation White Paper for Biochar as an Amendment to Existing Runoff Reduction Practices. The USWG will plan to vote on it in Fall 2025.

March 18th, 2025

Meeting Materials

Decision: The USWG approved the [December USWG Meeting Minutes](#).

Action: USWG Members with additional urban BMPs the workgroup should consider, please email Norm Goulet (ngoulet@novaregion.org), KC Filippino (kfilippino@hrpdcva.gov), and David Wood (Wood.csn@outlook.com)

Action: USWG members should review the draft white paper and provide any comments, questions, or concerns to David Wood (Wood.csn@outlook.com) by **Tuesday, April 15th**. David Wood proposes that the USWG review final recommendations of the white paper after its review by CSN and make an approval decision at a future workgroup meeting. The targeted completion date is May-June 2025.

Action: If you have further feedback or comments on the sanitary sewer exfiltration or developed sector nutrient sensitivities, please reach out to Joseph Delesantro (jdelesantro@chesapeakebay.net).

December 17th, 2024

Meeting Materials

Decision: The USWG approved the [November USWG Meeting Minutes](#).

Decision: The USWG approved the following recommendation:

- The USWG recommends that the Solar Impervious relative land use loading rate be set equal to the relative loading rate of the Buildings and Other land use category. The USWG recommends that the Solar Pervious relative land use loading rate be set equal to the relative loading rate of the Turfgrass land use category. The USWG recommends that this decision be revisited 1) when new water quality data become available from active solar development sites such as the ongoing Virginia Tech study, and/or 2) if the current Urban Nutrient Management Expert Panel establishes a new land use category and loading rate for non-fertilized turfgrass.
- The USWG will take another look at this decision as further research and numbers for other land uses become available.

Action: USWG Members with questions for Tyler and Jamie about their presentation on capturing PCSM BMPs should email them (tytrostle@pa.gov and jeberl@pa.gov). The USWG will consider a decision on this topic at the January meeting.

November 19th, 2024

Meeting Materials

Decision: The USWG approved the [May USWG Meeting Minutes](#).

Action: If jurisdictions have septic data for their states or localities, they should mail Jackie Pickford, USGS (jpickford@chesapeakebay.net). These data will be used to validate the model results and/or refine methods.

Action: Jackie will notify the WWTWG and the USWG when the sewer service area data is posted on the web viewer for review and feedback.

Action: David will follow up with jurisdictions that weren't present to finalize the vote on the Biochar BMP interpretation request.

Action: Jurisdictional members will run the decision up their flagpoles and the USWG will vote at next meeting in December.

Action: David will follow up with Olivia regarding the National Water Quality dataset.

October 15th, 2024

Meeting Materials

Action: If USWG Members are interested in being proposal reviewers they should email David Wood, CSN (wood.csn@outlook.com).

Action: At the November USWG meeting, the workgroup will be asked to decide whether, and how, to move forward with the proposal for crediting biochar as soil media amendment in existing runoff reduction practices.

May 21st, 2024

Meeting Materials

Decision: The USWG approved the [April USWG Meeting Minutes](#).

Action: USWG Members with suggestions for Isabella Bertani regarding potential factors to test in CalCAST should email her (ibertani@chesapeakebay.net).

Action: USWG leadership will discuss Question 2 about the April Land Use discussion (What level of involvement does the USWG want to have regarding the development of new land-to-water factors for different land uses?) and bring it back to the workgroup for discussion at a future meeting.

Action: USWG leadership will coordinate with the WWTWG on a joint meeting later this year.

Action: USWG leadership will bring Peter Claggett back to discuss changes for sewer service areas.

April 16th, 2024

Meeting Materials

Action: If members have nominations for the Urban Nutrient Management panel, please email David Wood, CSN (wood.csn@outlook.com) by **COB Friday, April 19th**.

Action: David will take a look at the Chesapeake Conservancy details on LiDAR res from the Swale Expert Panel.

Action: Members with questions on the Stormwater Storage Dataset Presentation should reach out to Krissy Hopkins, USGS (khopkins@usgs.gov).

April 4th, 2024

Meeting Materials | *Note: This was a joint meeting between the Climate Resiliency, Modeling, and Urban Storm Water Workgroup.*

Action: Neil Ganju offered to present research on incorporating sea level rise, vegetative cover and elevation to estimate marsh degradation and loss over time to the Modeling and Climate Resiliency Workgroups.

Action: Climate Resiliency Workgroup can coordinate with Modeling Workgroup on cross-workgroup efforts on marsh migration modeling.

Action: Modeling Workgroup can coordinate with Water Quality Goal Implementation Team to review and identify priority Best Management Practices list for project to focus on.

Action: Modeling Workgroup can coordinate with respective workgroups to identify potential modeling test beds for assessing shallow water systems and living resource connections.

March 19th, 2024

Meeting Materials

Action: USWG Jurisdictional Members should email Peter Claggett, USGS (pclagget@chesapeakebay.net) with information on when their MS4 permits are being updated and if those are including new spatial data for the MS4 footprints. They should also include points of contact (POCs) for each of the states that Peter can reach out to.

Action: USWG Members should email David Wood, CSN (wood.csn@outlook.com) with suggestions for potential Urban Nutrient Management Panel Members or Volunteers.

Decision: The USWG confirmed Camille Liebnitzky, City of Alexandria, as a VA local government representative.

January 16th, 2024

Meeting Materials

Decision: The USWG confirmed a new slate of at-large and local government members for a two-year term. This included Greg Hoffman, CWP, Ginny Snead, AMT Engineering, and Rebecca Winer-Skonovd, Biohabitats as at-large members, and Jeff Colella, WVSA, Monique Dykman, Londonderry Township, and Heather Gewandter, City of Rockville as local government representatives. Additionally, the USWG confirmed KC Filippino, HRPDC as the new Vice Chair of the USWG.

Action: USWG will take the list of areas in the Phase 7 model for USWG to examine and schedule each on the agenda one at a time and go from there. In the meantime, David Wood will begin diving into the sensitivity literature with Joseph Delesantro.

November 21st, 2023

Meeting Materials

Action: Those interested in the Vice Chair, At-Large or Government Implementer positions should send nominations to David Wood, CSN (wood.csn@outlook.com) and Norm Goulet, NVRC (ngoulet@novaregion.org) by **COB January 12th, 2024**.

Decision: The USWG unanimously approved the proposed changes to Stream Restoration Protocol 3 to address issues related to the scaling of credit.

Decision: The USWG approved the memo, “Coagulant Enhanced Stormwater Treatment for Use in the Chesapeake Bay Watershed” for use as a Stormwater BMP Interpretation.

October 17th, 2023

Meeting Materials

Action: Those interested in the Vice Chair, At-Large or Government Implementer positions should send nominations to David Wood, CSN (wood.csn@outlook.com) and Norm Goulet, NVRC (ngoulet@novaregion.org) by **COB January 12th, 2024**.

Action: Jurisdictions who look at the map and find discrepancies should report them to Olivia Devereux, Devereux Consulting (olivia@devereuxconsulting.com) and Norm Goulet, NVRC (ngoulet@novaregion.org) by **Monday, October 23rd, 2023**.

Action: Those with concerns about the Revised Protocol 3 memo should reach out to David Wood (Wood.CSN@outlook.com). For questions or clarifications about MDE's specific concerns with the original memo, please contact Christina Lyrly, MDE (christina.lyrly@maryland.gov).

Action: USWG Members will review and provide comments on the Brown and Caldwell White Paper on Coagulant Enhanced Stormwater Pond Performance to David Wood, CSN (wood.csn@outlook.com) and Norm Goulet, NVRC (ngoulet@novaregion.org) by **November 7th**.

August 15th, 2023

Meeting Materials

Decision: The USWG approved the [May Meeting Minutes](#).

Action: The USWG will be asked to make a decision on whether to accept the amendments to the Stream Restoration Protocol 3 at the September meeting.

May 16th, 2023

Meeting Materials

Action: Norm and David will set up a meeting between Jeff and other CBPO people and VA to try to work something out regarding the UNM Task Force recommendations. If a solution is reached, it will be provided to the WQGIT as an update at their May meeting.

Decision: The USWG decided that coagulant enhanced stormwater ponds should proceed in the following way: Pursue as an interpretation of an existing BMP.

April 18th, 2023

Meeting Materials

Decision: The USWG approved the [February meeting minutes](#).

Action: David, Scott, Jeff, and others, will work to put together the necessary Coagulant Enhanced Stormwater Pond paperwork and will bring that forward for a presentation at a future USWG meeting.

Action: David Wood will send out an invitation for May 3, 2025 at 2pm to the UNM task force for a follow up conversation on the use of an all AAPFCO data set for establishing urban fertilizer application rates in Phase 6.

Action: Please send any additional questions on the UNM Task Force to Kaylyn Gootman (Gootman.Kaylyn@epa.gov), Jeff Sweeney (Sweeney.Jeff@epa.gov), Norm Goulet (ngoulet@novaregion.org), and David Wood (wood.csn@outlook.com).

February 21st, 2023

Meeting Materials

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 next 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.

January 17th, 2023

Meeting Materials

Decision: The USWG approved the [September Meeting Minutes](#).

Action: Once the Urban Stream Restoration Protocol 3 Memo is finalized, David Wood, CSN, will distribute it to the USWG for a month-long review period. Following the review period and response to comments, a decision will be requested at a USWG meeting (March 2023 at the earliest) for approval of the proposed revision.

Action: The urban fertilizer ad-hoc committee will review the two proposed fertilizer application methods presented at this meeting and develop a recommendation for the USWG to vote on at the February meeting.

Action: Jeff Sweeney, EPA, will follow up with Alex Foraste (and any other interested parties) regarding the data showing the effect of removing outliers for the urban fertilizer application methods.

September 20th, 2022

Meeting Materials

Action: David Wood will confirm membership for the USWG's small group via email. This smaller group's membership will have representation from each jurisdiction (approximately 10-12 members) and will focus on the turfgrass fertilizer application method for CAST-21.

Action: David Wood will send out a poll to schedule a meeting for the first week of October to begin discussing the turfgrass fertilizer application method for CAST-21.

July 19th, 2022

Meeting Materials

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). All recordings cannot be disseminated and are for personal use only.

May 17th, 2022

Meeting Materials

Action: David Wood will reach out to membership when urban fertilizer ad-hoc meetings start up. There will be another ad-hoc update at the next USWG meeting as well as a discussion about potential membership for the group.

Decision: The USWG affirmed the proposed sunseting of the Advanced IDDE program credit after the year 2020, as indicated in the expert panel report.

Action: NFWF will attend a future USWG meeting to present on program details and changes, as well as additional funding opportunities.

Action: Norm Goulet will distribute the EPA guidance on infrastructure funding once available.

March 15th, 2022

Meeting Materials

Decision: The USWG approved the [January meeting minutes](#).

Action: At an upcoming USWG meeting, an overview of the main takeaways from the STAC Rising Temperature Workshop will be provided.

Action: USWG members are encouraged to send a note of endorsement for the High Resolution LU/LC monitoring, including why this data is important to their work, to David and Norm by FRIDAY. This will be sent to the LUWG to be included in a letter that will be provided to the MB.

Action: Hilary Swartwood will post the most recent version of the BMP Protocols to the USWG March calendar page. *[Completed during the meeting].*

Action: The USWG did not reach consensus on a preferred method for turfgrass fertilizer application rates in CAST 2021. The USWG leadership will brief Lee McDonnell and the WQGIT and this will be elevated to the March WQGIT meeting for discussion.

Decision: The USWG affirmed that urban nutrient management is a high priority for the workgroup, and that it should be part of our workplan in 2022.

Decision: The USWG affirmed the proposed approach for urban nutrient management. Feedback on specific scope details can be provided via email to David Wood and Norm Goulet by March 31st.

Decision: The USWG affirmed the four priorities detailed in the Resource Plan for Stormwater Resilience Priorities.

January 18th, 2022

Meeting Materials

Decision: USWG approved the November Meeting Minutes

Action: DoD will come back to the USWG at an upcoming meeting to provide more information on DoD stormwater funding opportunities.

Action: Jeff Sweeney will provide Dave Montali with the slides containing West Virginia's Phosphorous data.

Action: The USWG will be asked to reach consensus on phosphorous fertilizer banning and non-farm fertilizer statistics at their February meeting. *[Post meeting note: this decision is postponed till March.]*

Action: The USWG will further explore whether an Ad Hoc group is the right path forward to address nutrient reduction in Urban Nutrient Management (UNM) Plans.

November 16th, 2021

Meeting Materials

Action: Hilary Swartwood will revise the Local Government Nominee list so that Jesse Maines remains as an alternate for VA.

Decision Requested: Workgroup members will be asked to recommend 3-4 priority actions to pass along to the WQGIT in December/January.

Action: USWG should send feedback/ questions on the urban fertilizer application update to Jeff Sweeney (sweeney.jeff@epa.gov) and Norm Goulet (ngoulet@novaregion.org).

October 18-19th, 2021

Meeting Materials: [Day 1](#), [Day 2](#) | Note: This was a joint meeting with Climate Resiliency Workgroup.

Action: Julie Reichert-Nguyen will follow up with Annie Neale to schedule a working meeting for CRWG to discuss how EnviroAtlas could help in their efforts.

Action: Julie Reichert-Nguyen will organize a small internal review committee for the BMP climate uncertainty report being drafted by Virginia Tech.

Action: DC DOEE will connect with Michelle Miro to look at how to implement larger storm sizes in their stormwater regulations based on IDF curves.

Action: Connect IDF tool with local planners - engage local leadership. Kristin Saunders brought this up as an action item.

Action: All members to follow up with David Wood via email if they have further comments about the IDF Curve tool.

Action: Wetlands Workgroup will connect with Ward Oberholzer and Scott Lowe to explore floodplain reconnection and wetland creation in alignment with stream restoration efforts and resilient design.

Action: David Wood will send a survey to USWG/CRWG to get more responses/comments regarding priority research needs.

September 21st, 2021

Meeting Materials

Decision: USWG approved the [July Meeting Minutes](#)

Action: Peter Marx will update USWG at an upcoming meeting on new federal legislation and its potential impacts for stormwater.

Action: USWG should submit nominees for at- large and local government members to Hilary Swartwood (Swartwood.hilary@epa.gov) by COB October 15, 2021.

Action: USWG signatory members should review their primary and secondary members and provide any updates to Hilary Swartwood (Swartwood.hilary@epa.gov)

July 20th, 2021

Meeting Materials

Action: Invite Matt Robinson to a future USWG meeting devoted to plastic pollution and trash in urban areas.

April 20th, 2021

Meeting Materials

Action: Approval of the March USWG meeting minutes was postponed to May.

Action: USWG members should submit any feedback on the land use data review to David Wood.

Action: USWG members should review the draft Projected IDF Curve Technical Report and tool. All feedback should be submitted to Hilary Swartwood (swartwood.hilary@epa.gov).

Action: If USWG is interested in/ has any comments or feedback on any of the following, please submit them to Tom Schueler (watershedguy@hotmail.com) by COB Friday, April 30, 2021.

- Comments on delta- T equation and BMP temperature classification
- Any temperature research on urban BMPs
- Help filling out urban portion of BMP temperature co- benefits matrix being developed for the STAC workshop
- Represent USWG at the workshop

March 16th, 2021

Meeting Materials

Decision: USWG approved the [January meeting minutes](#).

Action: USWG should review the climate change and stormwater management memo and provide final comments to David Wood (wood.csn@outlook.com) by Tuesday, March 23, 2021.

January 19th, 2021

Meeting Materials

Decision: USWG approved the October and December meeting minutes.

Decision: USWG approved the Impervious Cover Removal (ICR) Memo and leaving it as a land use change BMP. This will go before the WTWG and WQGIT next.

Action: USWG members should provide comments to Norm Goulet and David Wood on the Climate and Stormwater Management memo by COB February 16, 2021.