

# Urban Stormwater Workgroup Meeting Summary

**Tuesday, May 19, 2015  
10:00 AM to 2:30 PM**

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## **ACTIONS & DECISIONS**

**DECISION:** USWG members approved the membership list for the Impervious Cover Disconnection Expert Panel.

**ACTION:** USWG members will review and discuss a revised scope of work for the Impervious Cover Disconnection Expert Panel at the June 16<sup>th</sup> conference call.

**ACTION:** Each state will provide an update on their fertilizer sales tracking at the June 16<sup>th</sup> USWG conference call.

**ACTION:** Tom Schueler and Emma Giese will compile an initial list of research needs for the workgroup to share with the Partnership.

## **MINUTES**

### **Welcome and Review of April 21 Meeting Minutes [Attach A](#)**

- Workgroup members approved the April 21 meeting minutes.

### **Announcements**

- Deadline for review of the BMP fact sheets was extended to May 15<sup>th</sup>. Have received comments from 5 states. Cecilia will revise fact sheets based on comments by June 30<sup>th</sup>. There will be both a state specific and Bay wide version available. State-specific versions will be sent to states that provided comments by June 30.
- Fred Irani and Elena Grillo have been updating the MS4 boundary maps. Deadline for feedback was April 1<sup>st</sup>, so the data presented today are what is intended for use for Phase 6.0.
  - Supporting GIS data:  
[https://archive.chesapeakebay.net/GIS/USWG/MS4s\\_USWG\\_May\\_2015.mpk](https://archive.chesapeakebay.net/GIS/USWG/MS4s_USWG_May_2015.mpk)

### **Update on 2014 Progress Runs for the Urban Sector and Effect of Fertilizer Law on P Reductions [Attachment B](#)**

Jeff Sweeney, CBPO, presented state by state results on the pace of nutrient and sediment loads being achieved by the urban sector through BMP implementation. Jurisdictions are not on track to achieve 60% of their planned urban nutrient reductions by 2017.

- Katherine Antos will be presenting EPA's evaluation at the next meeting, covering more of the programmatic side.

### **Potential Template for Developing Reliable Non-Farm Fertilizer Statistics. [Attachment C.](#)**

Matt Johnston, CBPO, presented county-level statistics that summarize annual non-farm statistics on N and phosphate fertilizer sales. These data could be used to verify the nutrient reductions achieved through state fertilizer laws and industry phase out.

- Karl Berger: MDA is working on their own method to track sales.

- Matt suggested the states consider submitting data via a template, as one alternative to using the AAPFCO data.
- Tom noted that the 2 year delay in getting the data would apply to the state reported data as well.
- Goulet: Ask for an update from all the states in terms of where they are in tracking fertilizer sales. Would like to hear from each state at the June conference call. We will contact the folks not here today to follow up.

**ACTION:** Each state will provide an update on their fertilizer sales tracking at the June 16<sup>th</sup> USWG conference call.

### **Final Urban Land Use Decisions and Mapping for Phase 6.**

Peter Claggett, USGS, [summarized the final land use categories](#) decided by the Land Use and Modeling Workgroups, and described the next steps to characterize and map urban land uses in the Bay watershed, including a comprehensive land use mapping project soon to be launched by the Chesapeake Conservancy.

- Partnership has opportunity to comment on the mapping decision rules through the summer.

### **Update on UTC and ICD Expert Panels**

Jeremy Hanson, VT, updated the USWG on the Urban Tree Canopy (UTC) and Impervious Cover Disconnection (ICD) expert panels being convened through CBP's cooperative agreement with Virginia Tech.

- The UTC panel has scheduled its public stakeholder session for Wednesday, June 3<sup>rd</sup> in Annapolis. USWG members are welcome to participate, and can [RSVP through the website](#) to attend in person or via webinar.
- Several comments were received on the proposed ICD [panel membership](#) and [statement of work](#). Justin Shafer, from Norfolk, may be added to the panel given need for a coastal plain environment perspective.
- Jeff Sweeney noted that the current scope of work seems to duplicate work done by past expert panels. Does this practice already fit in to an existing BMP?
- Tom Schueler noted that the Impervious Disconnection BMP has been requested by the states as a high priority to review.
- Goulet: The proposed scope and charge #2 need to be clarified before USWG can be asked to approve. Jeremy will prepare a concise response to comments and revised scope of work for the June conference call, where USWG members will discuss prior to convening the panel. Are there any objections to the proposed membership list?
  - There were no objections.

**DECISION:** USWG members approved the membership list for the Impervious Cover Disconnection Expert Panel.

**ACTION:** USWG members will review and discuss a revised scope of work for the Impervious Cover Disconnection Expert Panel at the June 16<sup>th</sup> conference call.

### **LUNCH BREAK**

**Threshold Review Recommendation of Outfall Stabilization as a BMP.** ([Attachment F](#)).

Mark Sievers, TetraTech, presented results from a literature review to determine if there is sufficient scientific research data to justify launching an expert panel to define removal rates for outfall stabilizations ([Literature list](#)). Based on the review, an expert panel is not recommended at this time, although further clarification on how to credit dry and wet channel RCS with existing BMPs may be warranted.

- Dry channel stormwater conveyance is classified as a retrofit and can receive credit under the existing retrofit report.
- Jenny Tribo: Suggest the workgroup maintain a list of research needs for items such as this. Raise this as a concern to the Partnership to encourage the research to happen.

**ACTION:** Tom Schueler and Emma Giese will compile an initial list of research needs for the workgroup to share with the Partnership.

### **Threshold Review Recommendations for MS4 Outreach as a BMP. ([Attachment G](#))**

Melissa DeSantis, TetraTech, presented the results from a literature review to determine if there is sufficient scientific research data to justify launching an expert panel to define pollutant removal rates for specific behavior changes associated with effective MS4 outreach programs. Nearly 60 papers were discovered that showed promising changes in awareness and certain behaviors due to innovative MS4 outreach programs, but very little quantitative data was found to document actual water quality improvements as a direct result of outreach efforts. Based on this review, an expert panel is not recommended for crediting at this time, although greater efforts to craft effective MS4 outreach programs are still encouraged to promote both behavior change and community stewardship over the long term.

- Schueler: It would be a good idea to work with the funding community to invest in monitoring related to outreach.
- CNS is considering starting a user's group later this year of MS4 and program folks to work together.

### **Revising the FAQ Document for Urban Retrofits and BMPs Designed to New State Stormwater Performance Standards. ([Attachment D](#) and [Attachment E](#)).**

At the request of VA DEQ, CSN has revised the FAQ document to address how to handle retrofits of historical BMPs, including facilities that were not originally designed for stormwater treatment.

### **June USWG Agenda Item Planning**

- Katherine Antos will discuss EPA evaluation of programmatic milestones
- Each state will provide an update on their fertilizer sales tracking
- Gary Shenk will give an update on the Phase 6 model
- Jeremy Hanson will present a revised ICD scope of work for workgroup consideration

### **Adjourned**

### **Participants**

|                           |       |
|---------------------------|-------|
| Norm Goulet, Chair        | NVRC  |
| Tom Schueler, Coordinator | USGS  |
| Randy Greer               | DE    |
| Jenny Tribo               | HRPDC |

|                   |                        |
|-------------------|------------------------|
| Ray Bahr          | MDE                    |
| Greg Busch        | MDE                    |
| Pam Parker        | Montgomery County      |
| Karl Berger       | MWCOG                  |
| Jaime Bauer       | VA DEQ                 |
| Bill Keeling      | VADEQ                  |
| Sebastian Donner  | WV DEP                 |
| Jack Frye         | CBC                    |
| Andy Dinsmore     | EPA                    |
| Marian Norris     | NPS                    |
| Emma Giese, staff | CRC                    |
| Katherine Antos   | EPA                    |
| Cecilia Lane      | CSN                    |
| Mary Gattis       | LGAC coordinator       |
| Julie Winters     | EPA                    |
| Jeff Sweeney      | EPA                    |
| Matt Johnston     | UMD                    |
| Steven McCague    | NYSDEC                 |
| Jill Whitcomb     | PADEP                  |
| Ted Tesler        | PADEP                  |
| Dave Montali      | WVDEP                  |
| Liz Ottinger      | EPA                    |
| Melissa DeSantis  | TetraTech              |
| David Miller      | LID center             |
| Fred Irani        | CBPO                   |
| Ginny Snead       | Louis Berger           |
| Lindsay Dodd      | MASCD                  |
| Kate Bennett      | Fairfax County         |
| Nathan Forand     | Baltimore County       |
| Ted Brown         | Biohabitats            |
| Mark Sievers      | TetraTech              |
| Peter Claggett    | USGS                   |
| Seung Ah Byun     | Brandywine Conservancy |
| Bill Stack        | CWP                    |
| Ginger Ellis      | Anne Arundel County    |