

CHESAPEAKE BAY PROGRAM LAND USE WORKGROUP CONFERENCE CALL MINUTES

June 10, 2014
10:00AM-12:00PM

1. Welcome and Introductions

- Jenny Tribo, Co-Chair, welcomed everyone to the call and confirmed participants.

2. Tetra Tech Urban Land Use Loading Report

- Mark Sievers, Tetra Tech, reviewed the Urban Land Use Loading Rate literature review and report.
- The information collected represents edge of pavement concentrations (not total pollutant loads).
- The category “open space” could vary between reporting sources/jurisdictions because it is not a standardized definition.
- Jeff White (MDE): Is there a review and comment for the memo?
 - i. Peter Claggett: Today’s presentation is an introduction to the topic. Mark Sievers will be asked to present again at the next LUWG face to face meeting, and LUWG will be discussing further in preparation for discussion with the USWG this summer.
 - ii. Karl Berger: This is one piece of many to be considered in LUWG’s recommendations. There will be lots of opportunity to weigh in as this effort moves forward.
- Bill Keeling (VA-DCR): Will there be a similar literature collection effort for the other sectors?
 - i. Jeff Sweeney (EPA): Yes, the literature synthesis for agriculture and forestry is underway.
- VA-DCR: Recommend additional comparisons to determine statistically significant differences between land uses.

3. Comments on Proposed Phase 6 Land Uses

- Peter Claggett reviewed comments received on the proposed Phase 6 land uses by April 30, 2014 from the Partnership.
- VA-DCR: How can connectivity be simulated in the HSPF model?
 - i. Claggett: One option is to analyze at finer scale and aggregate to land river segment scale for the model.
- Claggett: West Virginia University is delineating floodplain and stream features in piedmont, coastal plain, and ridge and valley study sites. Study is expected to conclude this summer.
- VA-DCR: Recommend considering connected and disconnected within all land use types.
- VA-DCR: Will there be too many changes to the phase 6.0 model to be incomparable to the past?
 - i. Sweeney: Additional monitoring and other data sets will now be included; however the methods and concepts are consistent.
 - ii. Berger: Modeling workgroup will discuss and approve the land use classification as well.
- MDE: Recommend the “mixed open” land use be re-defined as scrub-shrub or unmanaged early successional vegetation, rather than a catch all.
 - i. Claggett: Based on past models, expect that there will need to be some remainder category. This model will have more acres accounted for, and therefore the number of catch all acres will be smaller.
 - ii. MDE’s concern is with combining the scrub shrub with idle/fallow agricultural land, unmanaged vegetation, cemeteries, etc.

- iii. Berger: Some of the land uses mentioned will be accounted for in other land use categories.
- iv. MDE: Scrub shrub is delineated in some places.
- v. Claggett: When developing the cross walk between states, there will need to be one category for land use that is not agriculture, forest or urban – and it may be described differently in different states. If jurisdictions want to separately define these other land uses the loading information will be needed.
- vi. VA-DCR: Recommend using imagery rather than the Census of Agriculture.

ACTION: Peter will send out a response to all Phase 6.0 land use classification comments (including MDE's) and LUWG will continue the discussion at the July face to face mtg.

4. Mapping Phase 6 Land Uses – next steps.

- Peter reviewed next steps in mapping Phase 6 land uses. Jurisdiction assistance is requested to help create initial proposals for the group to react to.
- VA-DCR: Should the land use classifications be finalized before the mapping proposals start?
 - i. Claggett: It will need to be an iterative process, so that both tracks can be further along by the end of this year.
- VGIN: VA needs guidance on the final classification scheme before completing a land use product that may not serve its intended purpose.
 - i. Claggett: The high level classes are defined; the finer scale classes that are still being finalized will likely not affect this product. Can provide guidance offline.
- Claggett: Are states interested in crosswalking state land use information with the proposed phase 6.0 land uses? What other data would be available to identify the proposed classes? Specifically looking for a proposal of how the states would approach the crosswalk, and an example of one urban and one non-urban county mapped out.
 - i. MD & DE will begin to develop crosswalk.
 - ii. WV will start looking at what they have.
 - iii. LUWG chairs/coordinator will reach out to NY & PA who were not on the call.
 - iv. VA will check on available resources. VA has watersheds that were previously mapped and classified for TMDL development, the bay watershed portions could be used for comparison. Bill Keeling will send land use classification from VA.
- Berger: Recommend presenting some of this work from each state to the LUWG for a progress update in the fall.
- Peter Claggett announced that the Bay Agreement, which will be signed next week, has a new outcome for measuring rate of change to impervious land. Responsibility for this goal will be shared between the Water Quality and the Healthy Watersheds Goal Teams.

5. Finalizing Workgroup Urban Land Use Recommendations

- LUWG will schedule a joint face to face meeting with Urban Stormwater Workgroup on July 15th. The purpose of the meeting will be to approve the final land use classifications for urban land.
- The STAC Workshop Peculiarities of Perviousness materials are posted: http://www.chesapeake.org/stac/workshop.php?activity_id=230. The workshop report will be available soon.

Adjourned

Upcoming LUWG Meeting Dates

- Face to face joint meeting with Stormwater Workgroup July 15th in Annapolis
- Tuesday, August 12th – Conference call

Participants

Jenny Tribo, HRPDC

Karl Berger, MWCOG

Peter Claggett, USGS

Megan Grose, WV DEP

Steve Stewart, Baltimore County

Bill Keeling, VA-DEQ

Bryan Bloch, DNREC

Darold Burdick, Fairfax County

Justin Shafer, Norfolk

John Scrivani, VGIN

Jeff White, MDE

George Onyullo, DDOE

Chris Brosch, VA-DCR

Katherine Antos, EPA

Jeff Sweeney, EPA

Mark Sievers, TetraTech

Melissa Appler, MDP

Robert Hirsch, Baltimore County

Jason Dubow, MDP

Emma Giese, CRC