

CHESAPEAKE BAY PROGRAM LAND USE WORKGROUP CONFERENCE CALL Minutes

September 25, 2014
10:00AM-11:30PM

ACTION ITEMS & DECISIONS

ACTION: The Phase 6.0 land use classification scheme will be presented to the Modeling Workgroup 9/30-10/1 and the WQGIT on 10/7-10/8.

ACTION: The Healthy Watersheds GIT will be hosting a management strategy development session on October 30th in Annapolis. Land Use Workgroup members are invited to attend the methods and metrics portion of the 10/30 discussion. More information about the meeting will be shared with LUWG members when it is available.

MINUTES

1. Welcome and Introductions

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

2. Finalizing Proposed Phase 6.0 Land Uses

- Karl Berger summarized changes to the phase 6.0 land use classification since the last meeting.
- There is a new category for “scrub/shrub/grass” under natural, which will be treated separately from “open space” in the developed category.
- WV: Note that the bare ground is currently captured under open space, but it would have a higher sediment load than open space.
 - Berger: Bare ground should be associated with construction sites. We’ll pass this question on to Peter, regarding loading rates and spectral analysis of bare ground/open space other than that associated with construction sites.
- VA: Does water include farm ponds? How finely can these be mapped?
 - Karl will ask Peter to clarify.
- VA: Note that there may be overlap with the overlays. (MS4 and federal facilities for example).
- Where did tree canopy over impervious go?
 - One option would be to represent tree canopy as an overlay.
- Recommend that the overlays should not be numbered because they are not hierarchical.
- The land uses have been presented to multiple workgroups so far. Next week they will be presented to the Modeling Workgroup and to the WQGIT at their face-to-face meeting. The Modeling Workgroup will address questions raised at the previous Land Use Workgroup meeting about whether the proposed stream corridor and urban tree canopy land uses/overlays can be adequately addressed within the new dynamics of the Phase 6 watershed model.

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3. Land Use Metrics and Measures Outcome in Bay Agreement

- Jenny Tribo: There are two outcomes in the new Bay Agreement related to land use. The Land Use Workgroup has declined taking the lead on the metrics and methods outcome to measure change in impervious surface over time. Instead the Healthy Watersheds GIT will be taking the lead with LUWG serving as technical lead. There will be a work session on 10/30 in Annapolis led by the Healthy Watersheds GIT. Information about the work session will be distributed soon. All management strategies are due in March, and LUWG will be participating but not taking the lead.
- Peter has suggested some possible approaches to this management strategy including 1) a stratified sampling of high-res aerial imagery involving citizens and CBP Partner organizations or 2) wall-to-wall moderate res change detection- similar to an annual impervious surface change product that University of Maryland developed for all of DE and MD.
 - Keeling: Recommend that LUWG stay focused on the land use classifications for Phase 6.0.
 - Tribo: The short term goal is to develop the management strategy and submit it through the Partnership by June. Peter Claggett will be involved because of the relation to land use. The Land Use Workgroup is not responsible for the entire strategy; however the group does have responsibility for the technical aspects.
 - Berger: Agree that Phase 6.0 land uses are LUWG's top priority, and that the group can still comment on the methods and metrics management strategy.
- Additional ideas and recommendations are welcome, and workgroup members are invited to join the Oct. 30 meeting.

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4. Land Use Loading Rates

- Olivia Devereux reviewed how the land use loading rates are used in the Phase 6 Watershed Model calibration, sources of data used to inform the loading rates, synthesis process, and timeline.

ACTION: Recommendations for land use loading rate literature can be sent to olivia@devereuxconsulting.com and steven.dressing@tetrattech.com.

Adjourned

Upcoming LUWG Meeting Dates

- To be scheduled: October and November

Participants

Jenny Tribo, Co-Chair	HRPDC
Karl Berger, Co-Chair	MWCOG
Steve Stewart	Baltimore County

Robert Hirsch	Baltimore County
George Onyullo	DDOE
Ted Tesler	DEP
Bryan Bloch	DNREC
Darold Burdick	Fairfax County
Alisha Mulkey	MDA
Jeff White	MDE
Bill Keeling	VA-DEQ
Chris Brosch	VT-VADCR
Megan Grose	WV DEP
Emma Giese, staff	CRC
Olivia Devereux	DEC
Sally Claggett	USFS
Erik Fisher	CBF
Steve Dressing	TetraTech
Matt Johnston	UMD
Jeff Sweeney	EPA
Melissa Oguamanam	MDP
Dorothy Morris	