Message

From: Tesler, Theodore [thtesler@pa.gov]
Sent: 10/8/2019 6:53:41 PM
To: Peter Claggett [PClagget@chesapeakebay.net]; Whitcomb, Jill [jiwhitcomb@pa.gov]; Stoe, Travis [tstoe@pa.gov]; Kristen Wolf [kwolf@pa.gov]; Trimble, Jessica [jtrimble@pa.gov]
CC: Karl Berger [kberger@mwcog.org]; Katherine Filippino [kfilippino@hrpdcva.gov]; Power, Lucinda [power.lucinda@epa.gov]
Subject: RE: [External] LUWG DECISION NEEDED: 2019 - 2021 Milestone Land Use
Attachments: Draft_Projections_Report_2013_11_19_13.pdf

Peter,
It looks like you are using the most recent available projections and with newer census data, that would be an improvement.
So yes, 3c would be a good choice for PA, option 5 would be our leaning so we are using the most current data available all-around.
-Ted

From: Peter Claggett <PClagget@chesapeakebay.net>
Sent: Thursday, October 03, 2019 11:58 AM
To: Whitcomb, Jill <jiwhitcomb@pa.gov>; Tesler, Theodore <thtesler@pa.gov>; Stoe, Travis <tstoe@pa.gov>; Wolf, Kristen <kwolf@pa.gov>
Cc: Karl Berger <kberger@mwcog.org>; Katherine Filippino <kfilippino@hrpdcva.gov>; Lucinda Power <power.lucinda@epa.gov>
Subject: [External] LUWG DECISION NEEDED: 2019 - 2021 Milestone Land Use

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Jill, Ted, Kristen, and Travis,

As Coordinator of the Land Use Workgroup, I'm contacting you because there was a decision on the agenda of yesterday's Land Use Workgroup call that affects Pennsylvania yet no representative from Pennsylvania joined our call. The decision pertains to updating the land use and population data coinciding with the development of the next 2-year milestones (2019 – 2021). While the CBPO attempted to update the land use with the latest 2016 National Land Cover Dataset (in Virginia) and for all large "hot spots" of change identified by Landsat imagery but classified with 1m-resolution aerial imagery (in Pennsylvania and elsewhere), these data were determined by the LUWG to be deficient during the September LUWG meeting and yesterday's LUWG call. All LUWG members present on the call were in favor of updating the MS4s in Virginia and sewer service areas where we've received new local data (some in PA). Most members were supportive of updating county population estimates and projections (for those states that have new population projections). It's this latter issue that I would like to discuss with you.

The latest Census Bureau Population Estimates indicate that the PA-CBW population is increasing at a slower pace than indicated by PA's population projections, last produced by the Pennsylvania State Data Center in March 2014. The Census Population Estimates are our most accurate representation of county-level population levels in 2017. If we use them in PA while continuing to use your population projections as is, the change in population from 2017 – 2025 increases resulting in more projected growth, farmland conversion, and forest conversion. To prevent this modeling artifact from occurring, I recommended to the LUWG that for states that have not recently updated their population projections (i.e., PA, WV, and MD) we scale their projected 2025 population based on latest Population Estimate-based growth rates (i.e., slightly reducing the projected population in PA for 2025). This option is labeled 3(c) in the list below.

Can you please provide me with Pennsylvania's recommendation as to which option (from those listed below) we should use for updating the milestone land use? The LUWG recommendation will be presented to the WQGIT on October 15th. If you want to discuss this with me, I'm available next week before noon on Tuesday, Wednesday, or Thursday.

Options for updating Phase III WIP land use (2014 – 2025):

1. Update with 2017 Ag Census only
2. Same as #1 with added updates to Sewer Service Areas (SSAs) and MS4s
3. Same as #2 with added updates to 2025 Population Projections and 2014 - 2017 Population Estimates
    a) Population Estimates updated for all counties; or
    b) Population Estimates updated for counties with new projections; or
    c) Population updated for all counties with 2025 projections adjusted: * (v2019 / v2017)
4. Same as #3 with added update of 2016 land use based on NLCD everywhere
5. Same as #3 with added update of 2016 land use based on NLCD in Virginia and 2017/18 land use based on High-res Hot Spots elsewhere

Thanks,
Peter

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