



Future Land Use Growth Scenarios

AGENDA

June 7, 2017

Location: Crowne Plaza, 173 Jennifer Road, Annapolis, MD 21401

Problem Statement: Phase III Watershed Implementation Plans (due in April 2019) must account for anticipated increases in nutrient and sediment loads associated with population growth between 2019 and 2025, the end date for meeting the Chesapeake Bay TMDL goals. One way to account for changing conditions is to compare plausible scenarios of future land uses with current conditions. The Chesapeake Bay Land Change Model (CBLCM) developed by the U.S. Geological Survey at the Chesapeake Bay Program Office is designed to simulate future land use conditions for the year 2025 based on county-level population and employment projections while accounting for local zoning, the suitability of land for development, slopes, housing and employment densities, and other factors. These forecasts can be fed through the Bay Program's watershed model to estimate potential changes in nutrient and sediment loads that would result from changes in land use.

Under the direction of its Land Use Workgroup, the CBP plans to develop several future land use scenarios to bracket potential changes in land use resulting from a continuation of historic trends and/or partial buildout of lands zoned for development. The CBP would like to get as much local input as possible for designing future land use scenarios that are locally relevant and useful for Phase III WIP development.

Meeting Goal: Refine the Historic Trend scenario (aka "Business As Usual") and Identify alternative future scenarios that are plausible and useful.

10:00 AM Welcome

*Hon. Bruce Williams, Chair, Local Government Advisory Committee
Karl Berger, Chair, Chesapeake Bay Program's Land Use Workgroup*

10:15 AM Workshop Overview/Purpose

Mary Gattis, AICP, Director of Local Government Programs, Alliance for the Chesapeake Bay

10:30 AM Introduction to Chesapeake Bay Future Scenarios: Narratives, Assumptions, Evaluation Metrics; and Applications

Peter Claggett, U.S. Geological Survey

11:00 AM Critique Current Trends

Christine Gyovai, Dialogue + Design Associates

12:00 PM Alternative Future Scenarios

Claire Jantz and Antonia Price, Shippensburg University

12:20 PM Lunch (provided)

1:00 PM Brainstorm alternative futures (facilitated sessions in three state breakouts)

- 2:30 PM **Break**
- 2:45 PM **Building Consensus around a set of plausible and useful scenarios**
Christine Gyovai
- 3:45 PM **Summarize Recommendations & Next Steps**
Mary Gattis and Peter Claggett
- 4:00 PM **Adjourn**