

Chesapeake Bay Program Support for WIP Development

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Attachment A
Water Quality Goal Implementation Team
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Overview of Proposals

- Preliminary ideas to generate discussion
- Scenario input decks and outputs as starting point
- Delivery factor by land-river segments
- Preliminary/default methods for distributing source sectors among wasteload and load allocations
- Methods to account for growth

CBPO Could Provide:

- Phase 5.2 input decks and outputs:
 - 1985, 2002, 2008, Tributary Strategy, 2010 NA, 2010 E3
 - By land-river segment
 - Can summarize by State/DC, major basin, county, 303(d) segment drainage area
- Delivery factor by land-river segment
- 2025 land use and population projections
- Assistance distributing loads within basins using “Option B” methods
- In future:
 - Same scenarios in Phase 5.3
 - Support to divide stormwater and agriculture loads by MS4/Industrial/Construction/Other and CAFO/non-CAFO
 - Assistance with running input decks through models

Suggested Steps

1. 2010 No Action
2. Current progress with existing implementation: 2008 BMPs (including annual BMPs) applied to 2010 LU
3. Starting point for distributing target loads among areas, source sectors: Tributary Strategy Scenario
 - Some States will have to go beyond existing Tributary Strategy and others may not need to be as aggressive as existing Tributary Strategy to meet Option B nutrient targets for each major basin and jurisdiction
4. Assess ability to implement Tributary Strategy practices and identify resources, programs, authorities for full implementation
5. Make adjustments to source sectors and geographic areas, including accounting for growth
 - Consider 2025 land use and population projections
6. Divide among WLAs, LAs for areas draining to 92 303(d) segments₄

Dividing Source Sectors among Wasteload and Load Allocations

- Relevant for stormwater and agriculture
- Comfortable if different methods among States as long as acceptable to EPA
- Challenge States that if acceptable alternative methods not provided, EPA will set conservative WLAs that will lead to more stringent permits
- Suggestion: Charge TMDL Workgroup, in coordination with Urban Stormwater and Agriculture Workgroups, to develop methodologies by March 2010

Default for Dividing WLAs/LAs

Stormwater

- WLAs:
 - MS4: Stormwater that originates within areas mapped as MS4s by CBPO (2008)
 - Construction: Use Phase 5.3 estimates for loads from construction outside MS4 areas
 - Industrial: Develop method based on land use and existing permit information
- LAs
 - Remaining stormwater loads

Agriculture

- WLAs:
 - CAFOs: Develop method based on Ag Census data
- LAs:
 - Remaining agriculture loads

Feedback Requested

- Which of these proposals would be most helpful?
- What other suggestions for technical assistance can you provide?
- What are your preliminary thoughts on how you will develop your Watershed Implementation Plan?