

Chesapeake Bay TMDL “Parking Lot Issues”

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Bob Koroncai

U.S. EPA Chesapeake Bay Program Office

Chesapeake Bay TMDL “Parking Lot Issues”

- Many efforts underway
- Issues that still require resolution
- Unresolved issues will be brought in front of Water Quality Goal Implementation Team following the October 23rd Principle Staff Committee Meeting

The following are the sets of final model calibrations, allocations beyond those to be decided upon in October and other issues still requiring resolution that will likely further influence the target loads/allocations after the Principals’ Staff Committee’s October 23rd Meeting.

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Model Calibrations

- Final calibration and management application of the Phase 5.3 watershed model (available January 1, 2010)
- Final calibration and management application of the Bay Water Quality/Sediment Transport Model calibrated w/Phase 5.3 outputs (available January 31, 2010)
- Final calibration and application of the oyster filter feeder model (available January 31, 2010)
- Final calibration and application of the menhaden filter feeder model (available May 2010)

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Allocations

- James River allocations based on achievement of Virginia’s numerical chlorophyll *a*, water clarity and SAV restoration acreage water quality standards
- York River allocations based on achievement of Virginia’s dissolved oxygen and SAV restoration acreage water quality standards
- Air deposition load allocations
- Watershed and tidal waters sediment load allocations

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Load Reductions

- Factoring in reductions in atmospheric deposition to the coastal ocean and, therefore, resultant reduced loads to the Bay
- Further local nutrient reductions to required to meet individual impaired segments' WQS
- Exchange of nitrogen and phosphorus loads in setting the local allocations

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Other Issues

- Sediment behind the Susquehanna River dams
- Cost analysis
- Need for application of the ‘1% rule’

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REQUESTED ACTIONS

- Determine if there are any additional ‘parking lot’ issues not listed above.
- Determine when we need the final model calibrations, issues resolved and allocations established to keep on track with the December 2010 for establishing the Bay TMDL.
- Set a cutoff date beyond which the partners would not consider new models, new large sets of new data, etc. in order to move forward with decision making preparing for the June 2010 draft Bay TMDL for public review and comment.

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DECISION REQUESTED

Water Quality Goal Implementation Team agreements on

- a complete list of parking lot issues
- timing for resolution of each issue
- final cutoff date for Parking lot issues