

Setting the stage...

...for a 2-day brain-a-thon!

April 5th and 6th, 2010

Presentation A1



Bob Koroncai

U.S. EPA Region 3 Water Protection Division
Co-Chair, CBP Water Quality Goal Implementation Team

A landscape photograph of a body of water, likely Chesapeake Bay, with a grassy shore and trees in the background. A large, stylized black letter 'J' is superimposed over the image, with the word 'BAY' to its left and 'JOURNAL' to its right. Above 'JOURNAL' is the text 'ALLIANCE FOR THE CHESAPEAKE BAY' in a smaller, serif font.

BAY JOURNAL

ALLIANCE FOR THE CHESAPEAKE BAY

‘For the Chesapeake Bay, 2010 may well go down in history as the year everything changed.’

***-Karl Blankenship, Bay Journal,
January, 2010***

**Is
this
the
year
?**



**It is
up
to
you!**



What we have done!

- 11 conference calls
- 25+ hours spent on conference calls
- Countless hours preparing for calls
- Receiving several EPA letters—WIP expectations, target loads, consequences (lost count on how many pages!!)



THANK YOU!

What we have done!

- **Bay TMDL Public Meetings**
 - Wouldn't have been possible without assistance from WQGIT members – THANK YOU
 - 16 public meetings held across the six states and the District
 - At least one webinar hosted in each jurisdiction
 - Approximately 50 additional stakeholder meetings
 - Reached out to over 3,000 colleagues



What we have done!

- WQGIT members nominated eight local pilot projects to receive EPA contractor assistance
- EPA, states, D.C., pilot communities, and Tetra Tech scoping tasks to be completed under these pilots
- Look forward to sharing these important “lessons learned”



What we have done!

- WQSTM with sediment and filter feeders is here!
- Watershed Phase 5.3 is here!
- Scenario builder is built...

....And working!



What we have decided!

Protocol for Loading and Effectiveness Estimates

- Agreed to implement the new protocol for the “Development, Review, and Approval of Loading and Effectiveness Estimates for Nutrient and Sediment Controls”
- NY dissented



What we have decided!

TMDL

- Agreed to preliminary basinwide target load
- Agreed to preliminary state target loads- NY abstain
- Agreed to the detailed TMDL schedule, with NY dissenting and PA dissenting to a December 2010 deadline.
- Agreed to allow transfer of allowable loads across major basins while still fully achieving all water quality standards
- Agreed to N-P load adjustments while still fully achieving all water quality standards.



What we have decided!

Criteria Addendum

- Agreed to EPA publishing the 2010 water quality criteria addendum protocol addressing:
 - episodic pycnocline protocol and deep-water designated use in the South and Magothy River segments
 - updated methodology for constructing a biological reference curve for Deep Water designated uses
 - use of the 10% reference curve for the Open Water and Deep Channel designated uses
 - Geometric mean attainment protocol for the chlorophyll *a* criteria

November-December 2009 Bay TMDL Public Meetings

Key Messages Heard

- Strong concerns voiced about:
 - Addressing all source sectors equitably
 - The role of regulations
 - Impact on business (esp. farmers and developers)
 - Lack of adequate public funding
 - Accuracy of the models



November-December 2009 Bay TMDL Public Meetings

Key Questions Asked

- Are voluntary BMPs being reported in the model?
- Is stream monitoring used to confirm results?
- Will more public funding be available?
- Will implementation affect business?
- What will I be required to do?



Chesapeake Bay TMDL “Parking Lot Issues”

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



Chesapeake Bay TMDL “Parking Lot Issues”

Load Reductions

- Factoring in reductions in atmospheric deposition to the coastal ocean and, therefore, resultant reduced loads to the Bay
- Further local nutrient/sediment load reductions to required to meet individual impaired segments' WQS



What we need to recommend to the PSC!

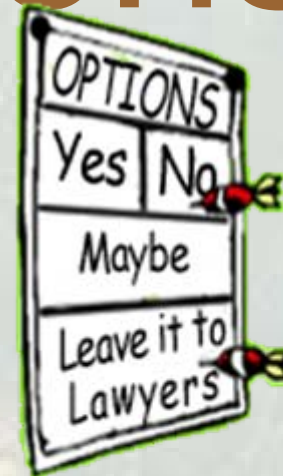
- ✓ New EPA Water Quality Criteria addendum
- ✓ Schedule for State WQS modifications
- ✓ Revised basinwide target load
- ✓ Revised state/basin target loads
- ✓ TMDL schedule
- ✓ Air allocation
- ✓ Filter feeders
- ✓ Susquehanna Dams
 - Sediment target loads
 - Local waters target loads



**Thank you for the extra time,
efforts and patience these
last couple months and for
your important role in the
months ahead.**



Now let's make some more decisions!



But lets make the *right* decisions!



**Okay...
The red
button
doesn't
dispense
cheezburgers**

**Try the
green one...**