

**CHESAPEAKE BAY PROGRAM
WATER QUALITY GOAL IMPLEMENTATION TEAM**

FEBRUARY 12TH, 2010 CONFERENCE CALL MINUTES

DECISION AND ACTION ITEMS

DECISION: WQGIT approved the presented changes to the criteria assessment protocol.

ACTION: Sally Bradley will confirm with Tom Simpson that a trial period could be available for WSI's Nutrient Load Estimator.

MINUTES

[WQGIT Updates](#)

[Deliverables to PSC](#)

- Revised N and P target loads: optimistic about delivering on time
- More work after April meeting on air allocations
- Will have inventory of potential water quality standards changes
- Week-to-week schedule through 2010; will share major milestone schedule
- Continue sharing updates in WIP development during WQGIT calls
- 2002 progress run can be added to schedule
- Hoping to present the air allocation updates at WQGIT face-to-face. Will not present to PSC without presenting to WQGIT

[Instructions for State Access to Contractor Resources](#) – Jennifer Sincock

- Will provide a list of people on WIP teams with contact info
- Contractor support does not transfer any responsibility of WIP development to EPA; states still have responsibility
- EPA can estimate how many hours a proposed task will take; examples of tasks would be helpful
- Jurisdictions can also pass grant money back to EPA for additional contractual support
- Direct scenario requests through Katherine Antos, with as much detail as possible
- Best to avoid asking for contractual support on local issues

[Review/Approval Consent Decree Cross-Walk](#) – Jennifer Sincock

- 2010 list will come in for EPA approval in April
 - Need to do cross-walk exercise against 2010 list to see if there are any changes
- MD:* draft of integrated report. Not sure about schedule. In 2008, had cross-walk from MOU. Will verify April 1 deadline. Not expecting many changes, most made in 2008, not sure how criteria addendum will impact this
- VA:* not going to meet April 1st. using criteria addendum. Trying to submit by June
- DE:* yes will see in April; will not be many changes
- Would be good to have 2010 list approved prior to TMDL being approved
 - Could do partial list only for Bay waters

[Criteria Addendum – Jeni Keisman, Peter Tango](#)

- [Criteria Addendum Outline](#)

- Bioreference curve from 2009 considering designated uses and their reference curves with STAC recommendations
- Using log scale for chlorophyll a, least developed section, is forthcoming
- Coding adjustment to ensure episodic pycnoclines represented everywhere
- Remaining undecided pycnoclines will not be included in this document
- Changes in Part I generally lead to more non-attainment because a deep water designated use was being used even when no pycnocline was found

Slide 10

- Left side is episodic + long term average, right side is just episodic
- Made a difference in Chester and Patuxent
- Could change with 5.3 model calibration

Slide 11

- Grayed-out areas should be ignored, as results from non-recommended model run
- Data is detailed enough to identify pycnocline in smaller segments

PART II

- Would lead to more attainment by identifying deep channel in areas where it had not previously been identified

Slide 17

- Tables are examples only

Slide 18

- CB2OH does not show change in oxygenation with density stratification

Slide 28

- ~2% pending new set of scenario assessments
- Pycnocline is a barrier to re-oxygenation, without it re-aeration should occur regardless of depth

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WSI Nutrient Load Estimator Demonstration – Tom Simpson, Sally Bradley

- Currently does not include any point source applications. Working to add in point source, CSO and atmospheric deposition
- Can add new BMPs easily
- Need phase 5.3 scenarios to update. Need about 2 weeks to aggregate for counties and can do work simultaneously soon after receiving 5.3 scenarios
- Deliver No Action scenarios Feb 22nd
- Tentatively done March 1st, without any unforeseen issues
- Will not be used to gauge adequacy of state WIP, 2-year milestones, etc. EPA WSM 5.3 will be used for all official verification purposes
- Will verify ability of this estimator to mimic WSM results
- Assume states would use grants to fund this tool
- Will be able to get results of aggregate level. Would take additional time for states to be able to input on larger scale than land river segment

NY: interested in direct or indirect access. Would like to run preliminary scenarios

PA: interested depending on cost, need confirmation from Pat Buckley

WV: like to have access directly or indirectly, but don't have any budget in current implementation grant for WIP

States need some tools to be provided

MD: necessary tool. Different input requirements depending on state. Need to address funding, availability issues

DE: impressed by tool, prefer web access depending on difference in cost

VA: need more information. Use at segment-shed critical

ACTION: Sally Bradley will confirm with Tom Simpson that a trial period could be available for WSI's Nutrient Load Estimator.

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