

Reporting Progress on the 2009-2011 Milestones and Thinking Ahead to 2012-2013 Milestones

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Presentation to Water Quality Goal Implementation Team

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Purpose

■ 2009-2011 Milestones

- Overview of decisions already made by WQGIT, STAR, CWG, MB (today)
- Address MB requests and agree on response to MB
 - Measuring Interim progress (today)
 - Accounting for commitments made using p5.3 WSM
 - WSM and SB versions CBPO will use and why
 - Measuring Final progress (address during April WQGIT conf call)
 - Accounting for commitments made (see above)
 - 2011 progress run timeframe

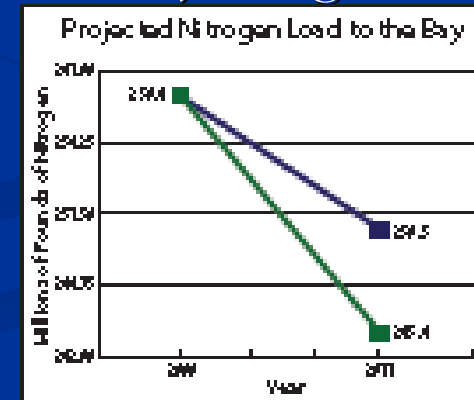
■ 2012-2013 Milestones

- Discuss potential establishment of Milestone Action Team (today)
- Guidance for establishing and measuring interim and final progress for 2013 milestones (address during April WQGIT conf call)

WQGIT recommendations to MB & **MB response:**

“What” to report for milestone progress

- Reporting on actions or simulated load reductions or both?
 - Both (**MB: agreed; hold accountable to reductions only**)
- What is the timeframe?
 - Begin with 2009 progress run; end with 2011 (**MB: agreed**)
 - Extend 2011 progress run through December (**MB: re-consider addressing EC mtg timeframe**)
 - Subsequent progress runs (e.g. 2012, 2013, etc.) Jan – Dec (**MB: re-consider**)
- How do we account for commitments made (w/ phase 4.3) using phase 5.3 watershed model? (**MB: re-consider**)
 - Compare slope of lines in 2011 Milestone document charts (based on phase 4.3) to the slope of delivered load lines generated for a similar time period using phase 5.3 progress runs



STAR/CWG recommendations to MB & MB response:

“How” to report milestone progress

- Create printed, concise “Summary” document (4 pp max.) (MB: agreed for interim reporting)
 - Describe concept of milestones (both State and coming TMDL)
 - Contain simple top-level statement of each jurisdiction’s progress to date
 - Contain graphs or charts that reflect top-level statements
 - Text & info to be generated from data by jurisdictions for 2010 progress run
 - Audience: Media, EC guests, general public
 - Answers the basic question: How is each jurisdiction doing so far?
 - Date Complete: EC Meeting (May)
- ChesapeakeStat: detailed tracking of states’ progress (MB: agreed)
 - Tracking info supported by BayTAS and same data as above.
 - Audience: Educated media, Bay stakeholders, educated public
 - Date Complete: EC Meeting (May)
- WHAT to report on re: milestone progress (MB: agreed)
 - Suggestion....keep it simple! Report on N and P – Percentage reduction

2011 Milestones - Measuring INTERIM Progress: What to Report to EC in May/June 2011

- MB-agreed-upon Required Elements:
 - Tracking jurisdiction progress on N and P percentage reductions
 - Simple top-level statement of ea. jurisdiction's progress to date
 - Contain graphs or charts that reflect top-level statements
 - Text & info to be generated from 2010 progress run data
 - Report both activities and percent reductions
 - Rather than simulated load reductions, based on subsequent agreement during STAR/CWG presentation to MB
 - Although report will include activities, States/District will only be held accountable for the reductions committed to in the milestone documents

Deadlines

- Final input deck data via NEIEN/2010 Progress Runs:
 - 3/23/2011: All jurisdiction data revisions/adjustments
 - 4/21/2011: Close-out of the review and feedback
 - 4/21/2011: Proceed to complete 2010 progress run with the closed out NEIEN data in hand at CBPO
- Providing 2010 progress run output to Com and ChesStat teams
 - Com Office needs final data/info no later than 2 weeks in advance of EC mtg (includes time for partner review of final 4-pager)
 - ChesStat Team needs final data/info no later than one month in advance of EC mtg

Accounting for commitments made using p5.3

- WQGIT recommended comparing slope of lines in 2011 Milestone document charts to the slope of delivered load lines generated for a similar time period using phase 5.3 progress runs
 - MB asked WQGIT to revisit their recommendation
 - And asked if WSM p4.3 could be used for measuring progress
- Recommendation needs to be clearly communicated to improve likelihood of MB acceptance
- MB agreed approximation is sufficient for interim progress reporting (however, may need a more accurate assessment for the final progress reporting on 2011 milestones at the 2012 EC mtg).
 - For example: states are "on track" (achieved around 50%), "behind schedule", or "ahead of schedule" to meet their milestone commitments to accelerate efforts to reduce N and P.

Why We Can't Use p4.3 to Measure INTERIM progress on 2009-2011 Milestones for the 2011 EC Meeting

Reason #1

- In order to develop the revised 19 state-basin allocations by June 2011, CBPO will not be able to run any new scenarios through 4.3.
- CBPO is already pressed to be able to complete 2010 progress run scenario using 5.3.0 for Bay Barometer reporting and the 2011 EC meeting.
- Furthermore, CBPO is being pressed by the states to run 2009 progress run through WSM p5.3.2 for use in developing Phase 2 WIPs.

Why We Can't Use p4.3 to Measure INTERIM progress on 2009-2011 Milestones for the 2011 EC Meeting

Reason #2

- WSM p4.3 was not even used by three of the states to generate their 2011 milestone commitments
 - ACTION for states prior to 2011 EC mtg: provide explanation of how you determined your milestone commitments.

Why We Can't Use p4.3 to Measure INTERIM progress on 2009-2011 Milestones for the 2011 EC Meeting

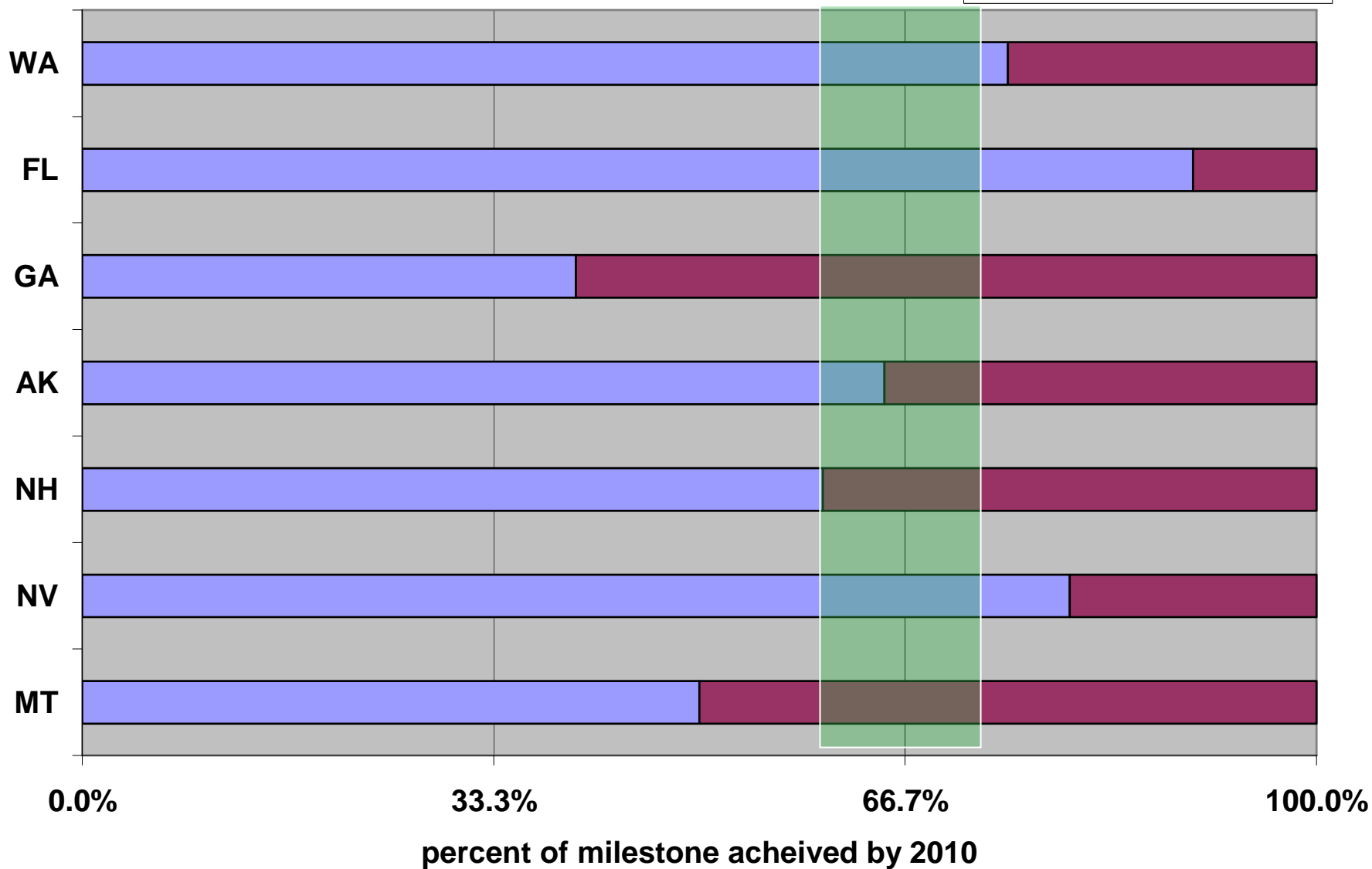
Reason #3

- If we had time to use p4.3, would have to go back and run "2011 milestone" scenarios for states that did not use the WSM to develop milestone commitments.
- Even if we had time to do this (which we don't)
 - Not possible for states that made commitments based on estimated effects of practices not "credited" in 4.3.
 - Not possible for states that made commitments based on political decisions to accelerate progress by a certain amount (and did not use progress runs or "spreadsheets" to calculate 2011 milestone loads).

CBPO Recommended Method for measuring INTERIM progress:

- Jurisdictions used various metrics for projecting load reductions but all gave a starting point and a reduction
- Recommend simple statement of progress: Baywide Example
- 2008 load = 259.4 million lbs N
- Milestone reduction = 15.8 million lbs or 6.1%
- Assume 2008 p5.3.0 load is 255 and 2010 load is 244
- 2-year reduction is 11 million lbs or 4.3%
- A 4.3% reduction is 71% of the milestone which is more than the 2/3 needed to be “on track”
- Given these loads, the conclusion would be: We are “on track”

Milestone Progress Sample



Technique CBPO will use for measuring INTERIM progress: DECISIONS REQUESTED

Recommendations

- Use Phase 5.3.0 watershed model
 - p4.3 not feasible
- Run a 2008 scenario along with the 2010 scenario
 - Matches the commitment
 - Longer implementation measurement
- Calculate percent of goal achieved after converting milestones and p5.3.0 runs to percent reductions.
 - Clear, consistent metric
- Use an approximation for interim progress reporting
 - “on track”, “behind schedule”, or “ahead of schedule”

Implications of Recommendations

- To be discussed by WQGIT (for provision to MB)

Potential Re-Establishment of Milestone Action Team

- Does WQGIT believe action team would be useful venue for jurisdictions to provide input to EPA related to 2-year milestones guide in the short term?
 - Consistency of approach
 - Staff-level comment on draft guide
 - Advise on what/how to report at 2012 EC mtg
- In the longer term (after issuance of final guide), the action team could function as a partnership forum during development of the 2012-2013 milestones to resolve anticipated issues and foster information exchanges among the jurisdictions.
- If WQGIT agrees action team would be useful, provide recommendations for jurisdictional reps. to Suzanne by 3/16/11
- Action Team will report directly to the MB or PSC.