



2017 Progress Phase 5.3.2 Model

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Watershed Technical Workgroup Meeting
January 4, 2018



Agenda

Watershed Technical Workgroup

- 10:00 AM - Introductions and Announcements- Ted Tesler, PADEP or Jeff Sweeney, EPA CBPO
Decision Requested: Approval of November 2017 meeting minutes
- 10:10 AM – Progress Year and Crediting Duration – Jessica Rigelman, J7 LLC
Jessica will discuss rules for crediting duration for BMP progress submittals.
- 10:20 AM – 2017 Progress in Phase 5.3.2 – Jeff Sweeney, EPA CBPO
Jeff will brief the WTWG on the status of 2017 progress using the Phase 5.3.2 modeling tools.
- 10:45 AM – Phase 6 Scenarios and PSC Direction – Jeff Sweeney, EPA CBPO
Jeff will cover the schedule for Phase 6 scenario development. A discussion among participants will include accommodating decisions from the recent PSC meeting – Phase III WIPs, current progress, and Conowingo.
- 12:00 PM – Adjourn



2017 Progress Schedule

Phase 5.3.2

- December 1, 2017: Jurisdiction's numeric progress data was due (including federal agency BMPs) with updated BMP Verification Program Plans (QAPP); extension to 1/31/18 for DC and VA wastewater
 - This will be the last Progress assessment with Phase 5.3.2 model. Future progress years will be run with the Phase 6 model (CAST).
 - All Phase 5.3.2 XMLs should contain the model versions value of "5". The appendix versions for Phase 5.3.2 and Phase 6 are different.



2017 Progress Schedule

Phase 5.3.2

- Wastewater submissions for 2017 Progress were also due 12/1/17 (with DC and VA exceptions).
 - Includes bio-solids and spray irrigation data
- QAPPs (State Verification Plans) should have been up to date by 12/1/17 – describing new data sources, methods, and verification that pertain to the new BMP and wastewater data.



2017 Progress Schedule

Phase 5.3.2

- January 4, 2018: CBPO has draft results for 2017 progress runs
 - Draft BMP data for Version1 was available for review 12/15/17 at:
 - Baytas has SummaryBMPs and CreditedVersusSubmitted: <https://baytas.chesapeakebay.net/Authenticate/Login>, scenario "2017ProgressV1N121417"
 - Jurisdiction's password-protected ftp sites: Navigate to /Phase5/2017Progress/ Files are "2017ProgressV1_ErrorReports" and "BaseConditions"
 - Phase 5 version of the NEIEN Appendix and Codes List found at <http://webservices.chesapeakebay.net/schemas/>



2017 Progress Schedule

Phase 5.3.2

- 2017 Progress Version2 will include:
 - Any re-submissions to NEIEN that have occurred since Version1
 - Loads reports



2017 Progress Schedule

Phase 5.3.2

- January 15, 2018: Jurisdictions and federal agencies submit 2016/17 programmatic milestone accomplishments and 2018/19 programmatic milestone commitments
- February 16, 2018: “final” 2017 Progress scenario
- March 15, 2018: Share EPA evaluations with jurisdictions of 2017 Progress (60% by 2017 goal, Phase 5.3.2 model) and 2018/19 programmatic milestone commitments



2017 Progress Schedule

Phase 5.3.2

- Through April 2, 2018: Jurisdictions have opportunity to update 2017 Progress write-up and 2018/19 programmatic Milestone commitments based on EPA feedback
- April 20, 2018: Share evaluations of 2017 Progress and programmatic 2018/19 Milestones with jurisdictions for fatal flaws
- April 26, 2018: Post evaluations to EPA website of 2017 progress and 2018/19 Milestones



Phase 6 Model Scenarios

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Phase 6 Scenarios

- 2014-2017 Progress scenarios
- Phase III WIPs
- 2019 Milestones
 - These are solely programmatic for states and DC (not numeric)
 - However, Milestone numeric plans can be submitted through CAST.



Phase 6 Scenarios

2014-2016 Progress Scenarios

- Validation reports for 2014-2016 Progress for your review are at:

\\wfps2p\WrkGrp\Modeling\SBMODELING\Phase6\ScenarioBuilderv3.0\Final\20171001\2014-2016 Progress\20171215\Validation Reports



Phase 6 Scenarios

2014-2016 Progress Scenarios

- Loads and BMP data for 2014-2016 Progress scenarios (version 6) are available through CAST @ <https://cast.chesapeakebay.net/>
 - BMP Summary Report
 - BMP Submitted Versus Credited Report
 - BMP Input Files
 - Loads Report
 - Wastewater Report
 - Base Conditions Report
 - Nutrients Applied
 - Atmospheric Deposition Report
 - Quick Results Report = Summary Loads, Detailed Loads, Land BMPs, Animal BMPs and Manure Transport BMPs



Phase 6 Scenarios

2017 Progress Scenario

- 2017 Progress data was due 12/1/17
 - 2017 Progress will be run in both Phase 5.3.2 and Phase 6 models with the “official” 60% of the reduction goal being measured with Phase 5.3.2.
 - You can change the Model Version number in XML header to “6” for Phase 6 BMP submissions.
- 2013 Progress was the “current condition” at the PSC meeting
 - It’s imperative that 2017 Progress (or at least 2016 Progress) be reported out.



Phase 6 Scenarios

Phase III WIPs

- December 19-20, 2017: PSC 2-day retreat sought final decisions on Conowingo, climate change, and accounting for growth, and approval of draft Phase III WIP planning targets for distribution to other partners and stakeholders



Phase 6 Scenarios

Phase III WIPs

- PSC Policy Decisions: Planning Targets
 - Approved the release of the draft Phase III Planning Targets as the starting point for the Partnership review process
 - The PSC recognizes that the draft Phase III Planning Targets are subject to change based on the Partnership's review period and prior to finalizing the Phase III Planning Targets in May, 2018
 - Approved the process for reviewing the draft Phase III Planning Targets, including three weeks added to the 4-month review period



Phase 6 Scenarios

Phase III WIPs

- May, 2018: Complete Partnership review of draft Phase III WIP planning targets and release of the final
- Throughout 2018: Jurisdictions work with local partners to develop local planning goals



Phase 6 Scenarios

Phase III WIPs

- January 31, 2019: Draft Phase III WIPs posted on jurisdictions' websites for partner and public stakeholder review
- March 29, 2019: Partners and public stakeholders' feedback on draft Phase III WIPs due to jurisdictions
- May 31, 2019: Final Phase III WIPs posted on jurisdictions' websites



Conowingo

Target and Implementation Plan

- PSC Policy Decisions: Conowingo Infill
 - Agreed to the concept which is to develop a separate Conowingo target, with a separate watershed implementation plan.
- Discussion