



2017 Progress Phase 5.3.2 Model

Jeff Sweeney
Environmental Protection Agency
Chesapeake Bay Program Office
jsweeney@chesapeakebay.net
410-267-9844

Watershed Technical Workgroup Meeting
June 7, 2018



2017 Progress Schedule

Phase 5.3.2

- 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).
- “Official” version of 2017 Progress (Phase 5.3.2) is “2017ProgressV12N051518” on BayTAS at <https://baytas.chesapeakebay.net/DataReport/BayReportKo/PublishedReports>



2017 Progress Schedule

Phase 5.3.2

- EPA is currently going over evaluations of mid-point progress one-on-one with jurisdictions
 - Numeric = 60% Goal
 - Programmatic = both 2016/17 progress/accomplishment and 2018/19 Milestones that were due 1/15/18
 - Includes federal agencies
- Jurisdictions have opportunity to update 2017 Progress write-up and 2018/19 programmatic Milestone commitments based on EPA feedback
- Share evaluations of 2017 Progress and programmatic 2018/19 Milestones with jurisdictions for fatal flaws



2017 Progress Schedule

Phase 5.3.2

- No later than the end of July, Bay Program publishes evaluations
 - Reducing Pollution Indicator on “Chesapeake Progress” – Clean Water – Water Quality at <http://www.chesapeakeprogress.com/clean-water#water-quality>
 - Post evaluations to EPA website of 2017 Progress and 2018/19 Milestones at <https://www.epa.gov/chesapeake-bay-tmdl>



Phase 6 Model Scenarios

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Phase 6 Scenarios

Progress + WIPs + Milestones

- Calibration Years (1985–2013) + 2014–2017 Progress
- Phase III WIPs
- 2019 Milestones
 - These are solely programmatic for states and DC; however, Milestone scenarios can be submitted through Phase 6 (CAST)



Phase 6 Scenarios

2014-2017 Progress + Calibration Years

- Phase 6 Progress scenarios have been shared on CAST at <http://cast.chesapeakebay.net>
- The most recent Progress scenarios with the “lat-long fix” are:
 - 1984-2013 Version 4
 - 2014-2016 Version 13
 - 2014-2016 Version 8
- Validation reports for 1984-2017 Progress are available on jurisdiction’s password-protected ftp sites
 - Under Phase6BMPHistory



Phase 6 Scenarios Inputs and Outputs

- CAST reports:
 - 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 2014-2017 Progress

- 2014-2017 Progress deadline has been extended several times
- Important to freeze CAST and have set numbers for planning
 - There will be opportunities to make some changes for the next Milestone period 2019-2021.
 - All data and information is due October, 2019 for 2019-2021 Milestone period.
- New version of CAST will be released next Tuesday June 12th.



Phase 6 Scenarios

Phase III WIPs

- July 9, 2018 – PSC meeting; finalize WIP III Planning Targets.
- Throughout 2018 – Jurisdictions work with local partners to develop local planning goals
- 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