



2017 Progress Phase 5.3.2 Model

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Watershed Technical Workgroup Meeting
April 5, 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).
- State Verification Plans (QAPPs) 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

- Draft BMP data available for review since mid-Dec., 2017
 - Jurisdiction's password-protected ftp sites for BMP error reports for NEIEN and ScenarioBuilder
 - BayTAS 2.0 under "Reports" tab
 - <https://baytas.chesapeakebay.net/Authenticate/Login>
 - Summary BMP Report
 - Submitted Versus Credited BMP Report
 - Summary and Detailed Loads Reports
 - Base Conditions
 - Phase 5 version of the NEIEN Appendix and Codes List found at <http://webservices.chesapeakebay.net/schemas/>



2017 Progress Schedule

Phase 5.3.2

March 12, 2018

- WQGIT presentation about numeric 2017 Progress

April 5, 2018

- 8 versions of 2017 Progress have been available for review, the latest 3/23/18

EPA is finishing up evaluations

- Numeric = 60% Goal
- Programmatic = both 2016/17 progress/accomplishment and 2018/19 Milestones that were due 1/15/18
- Includes federal agencies



2017 Progress Schedule

Phase 5.3.2

April – May, 2018

- Share EPA evaluations with jurisdictions individually
- 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
- Post evaluations to EPA website of 2017 Progress and 2018/19 Milestones



2017 Progress Schedule

Phase 5.3.2

June 1, 2018

- Principals' Staff Committee meeting

Early June (*tentative*)

- Chesapeake Executive Council meeting



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

- Validation reports for 1984-2017 Progress are available on jurisdiction's password-protected ftp sites
 - Under Phase6BMPHistory
 - Validation Reports include:
 - 2014–2016 version 12
 - 2017 Progress version 7 (includes all wastewater data)
- Phase 6 version of the NEIEN Appendix and Codes List found at <http://webservices.chesapeakebay.net/schemas/>



Phase 6 Scenarios 2014-2017 Progress

- 2014-2017 Progress data deadline has been extended several times, until 3/1/17
 - 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



Phase 6 Scenarios Inputs and Outputs

- Loads and BMP data for all Phase 6 scenarios 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

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