



#### 2017 Progress Phase 5.3.2 Model

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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
   <a href="https://baytas.chesapeakebay.net/DataReport/BayReportKo/PublishedReports">https://baytas.chesapeakebay.net/DataReport/BayReportKo/PublishedReports</a>



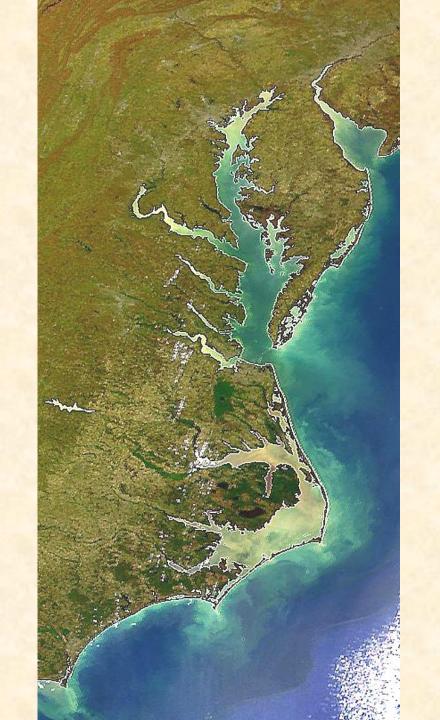
#### 2017 Progress Schedule Phase 5.3.2

- 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
    <a href="http://www.chesapeakeprogress.com/clean-water#water-quality">http://www.chesapeakeprogress.com/clean-water#water-quality</a>
  - Post evaluations to EPA website of 2017 Progress and 2018/19 Milestones at <a href="https://www.epa.gov/chesapeake-bay-tmdl">https://www.epa.gov/chesapeake-bay-tmdl</a>





#### 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