



# 2018 Progress Scenario

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## 2018 Progress Scenario

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- Draft 2018 Progress scenarios (Phase 6) have been shared on CAST at <http://cast.chesapeakebay.net>
- Four draft version through 11/30/18
- Validation reports for each draft 2018 Progress have been available on jurisdiction's password-protected ftp sites



## 2018 Progress Scenario

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- CAST has 10 types of reports available to review inputs and outputs:
  - BMP Summary Report
  - BMP Submitted Versus Credited Report
  - BMP Input Files
  - Loads Report
  - Loads Per Unit
  - 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





## 2018 Progress Scenario Schedule

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- July 31, 2018 – BMP listing, descriptions, and mapping due from jurisdictions for any proposed BMPs that will be submitted for that year's progress assessment that are NOT included in the NEIEN Appendix
- July 31, 2018 – Requests to modify the NEIEN Schema or Plug-In due



# 2018 Progress Scenario

## Schedule

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- August 31, 2018 – Final requests for changes to the NEIEN Appendix due to the Watershed Technical Workgroup
- August 31, 2018 – Data submissions and descriptions due for the following:
  - 1) permitted forest harvest acres
  - 2) continually disturbed and permitted construction acres, including estimates of any unpermitted acres
  - 3) CAFO/AFO animal splits by county
  - 4) nutrient concentrations in manure for poultry and swine
  - 5) load source and land acres for all load source and land acres in jurisdictions where there are jurisdictional-specific land uses for all years including projected years



# 2018 Progress Scenario Schedule

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- September 4, 2018 – Jurisdictions are encouraged to begin submitting their BMP implementation to NEIEN
  - Ongoing review of submissions will occur between September and December, with the expectation that December 1 submissions are final.
- October 1, 2018 – Animal and land use projections for that year's progress assessment are made available by the CBPO.



# 2018 Progress Scenario Schedule

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- Dec. 3, 2018 – Final BMP submissions due from jurisdictions
  - both wastewater data and non-wastewater BMPs
    - Data period is July 1, 2017 – June 30, 2018
    - VA and DC wastewater exceptions
    - Wastewater data includes the categories CSO, bio-solids, spray irrigation, large onsite systems, and rapid infiltration



# 2018 Progress Scenario

## Schedule

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- Dec. 3, 2018 – Final BMP submissions due from jurisdictions
  - both wastewater data and non-wastewater BMPs
    - Jurisdictions utilize the latest versions of the following NEIEN technical documents and submission instructions at <http://webservices.chesapeakebay.net/schemas/>
      - Document\_Exchange\_Template\_2014\_xls
      - NEIEN\_Appendix\_P6\_03052018
      - Codes\_List\_P6\_12212015
      - NEIEN Submission Instructions





# 2018 Progress Scenario Schedule

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- Dec. 3, 2018 – Final BMP submissions due from jurisdictions – both wastewater data and non-wastewater BMPs
  - Updates to BMP Verification Program Plans (QAPPs) due describing new data sources and changes to methods of tracking, reporting, and verification
- Schedule is to lessen conflicts between time spent on Progress and time for developing draft WIP III (due April 12, 2019)
  - Accommodate more-extensive verification
  - Results reported publicly should be relevant



# 2018 Progress Scenario

## Schedule

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- Grant recipients are expected to provide CBPO with complete, quality-assured data in the proper formats through NEIEN . . . and through ICIS-NPDES and the hybrid CBPO tool . . .
- In the event that data are not submitted in time, are inaccurate, or do not use the appropriate NEIEN or wastewater formats for the CBPO to calculate annual progress . . . CBPO will use the previous year's data submitted by the jurisdiction or will not account for implementation of the BMP or control measures . . .



# 2018 Progress Scenario

## Verification

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- BMP projects and/or verification are to specify new implementation, inspection, maintenance, or retirement wherever the information is available
- CBPO is primarily looking for the following:
  - Implementation rates that greatly exceed historic rates
  - Missing BMPs – compared to the history
  - Illogical implementation and re-inspection dates
  - BMPs with no or inadequate descriptions in the QAPP to get an understanding of the quality of the data
  - Resource Inventory BMPs



# 2018 Progress Scenario Schedule

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- December 3, 2019 through January 3, 2019 – CBPO analyses of reported numeric progress, including verification for both wastewater data and non-wastewater BMPs
- December 10, 2018 – model run input and output data available with 2018 Progress data received through December 3<sup>rd</sup>
- January 3, 2019; January 17, 2019; January 31, 2019 – Model runs with data revisions to accommodate findings from verification and feedback from jurisdictions





## 2018 Progress Scenario Schedule

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- February 8, 2019 – Final progress run information available to jurisdictions – needed for outside reporting of progress on commitments and to keep results relevant.