



# Historical BMP Data Cleanup

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Water Quality GIT Meeting

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# Historical BMP Data Cleanup

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Historical BMP data status by jurisdiction, data submission and review timeline, and needed resources.

**Decision**: Agreement on timeline for continued submission of cleaned up historical BMP data in 2016 and identification of necessary resources to complete the jurisdictions' historical data clean up by the proposed schedule.



# Historical BMP Data Cleanup

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- Quality of the data submitted for initial Phase 6 calibration was highly variable among jurisdictions and sources within jurisdictions
  - Great (👍) to very poor (😞)
- BMP historic record covers 1985 – 2013
  - Emphasis is on 2000 – 2013
  - But data for BMPs implemented 1985 – 1999 are needed as well
  - Need for comprehensive record versus verification
- Reporting of complete, quality-assured BMP historic data (wastewater and non-wastewater BMPs) are an output of CBPO 2016 grants as they were for the 2015 grants.





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BMP data submissions from jurisdictions are on their model CBP sites for review, both summary and detailed data covering the following:

- Base Conditions
  - Animals, land uses, septic systems
- BMPs
  - NEIEN and Scenario Builder reports for validation, errors, BMP status and dates



## Historical BMP Data Cleanup

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- 300+ unique practice names available for reporting through NEIEN
  - About 50 unique BMP names available for conservation plans alone
- These lump into 200+ more-inclusive BMP categories in Scenario Builder across the agricultural, urban, septic, and natural sectors
- Wastewater controls across significant + non-significant facilities, municipal + industrial.



# Historical BMP Data Cleanup

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- Phase 6 model review period begins no later than 1<sup>st</sup> week of January, 2016
  - Outputs = loads, calibration statistics, etc.
  - Inputs available now
- Next opportunity for Phase 6 data is (likely, but not guaranteed) April re-calibration  $\Rightarrow$  end of March, 2016 submission
- Following opportunity for BMP data could be (but not guaranteed) July re-calibration  $\Rightarrow$  mid- to end of June, 2016 submission
- Final data to be submitted Sept. 30, 2016 which includes finalization of methods
- Keep working at it!



# Historical BMP Data Cleanup

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Resources to complete historical data clean-up by the proposed schedule:

- Guidance documents
  - “Historic BMP and Wastewater Data Cleanup”  
[http://www.chesapeakebay.net/channel\\_files/22163/ii.a.\\_historic\\_bmp\\_and\\_wastewater\\_data\\_cleanup\\_01212015.pdf](http://www.chesapeakebay.net/channel_files/22163/ii.a._historic_bmp_and_wastewater_data_cleanup_01212015.pdf)
- Technical assistance – methods and submissions
- Money resources = CBIG and CBRAP Grants + for agriculture, introduction of NRCS and FSA data from CBPO
- Requests through PSC
- Regular reporting out of status by jurisdictions