

# NEIEN Reporting Elements for Phase 5 2016 Progress

## Model Version in Header Schema

Because land use types and some BMP mappings will change in the Phase 6 modeling tools, NEIEN will need to differentiate between XML files submitted for Phase 5 purposes (such as 2015 Progress), and those submitted for Phase 6 purposes (such as historical BMPs). To facilitate this differentiation, jurisdictions should begin reporting “Model Version” in the NEIEN “Header Schema.” **All XMLs reported with a model version value of “5” will be used for 2016 Progress.** All XMLs reported with a model version value of “6” will be used for historical cleanup purposes. All existing data within NEIEN that was submitted for 2015 Progress or past years will be carried over automatically for 2016 Progress without requiring changes by jurisdictions. Of course, jurisdictions who wish to replace existing data for 2016 Progress may do so by reviewing the list of active XML submissions and requesting older XMLs be made inactive. Please contact CBPO for the latest list of active XMLs. An example of the header schema with model version value can be found below.

### <Header>

```
<AuthorName>DC BMP</AuthorName>
<OrganizationName>District Department of the Environment</OrganizationName>
<DocumentTitle>GetBMPFullRefresh</DocumentTitle>
<CreationDateTime>2014-04-28</CreationDateTime>
<DataServiceName>GetBMPFullRefresh</DataServiceName>
<SenderContact>martin.hurd@dc.gov</SenderContact>
<Property>
  <PropertyName>Schema</PropertyName>
  <PropertyValue>GetBMPFullRefresh</PropertyValue>
  <PropertyName>ModelVersion</PropertyName>
  <PropertyValue>5</PropertyValue>
</Property>
```

</Header>

## Agency Code in BMP Identity

A number of large land holding federal agencies will have specific land uses in the Phase 6 Model allowing the Partnership to better track implementation and pollution reduction actions from federal partners. **Tracking and reporting agency codes is not required for Phase 5 2016 Progress submissions.**

## BMP Credit Duration

Jurisdictions should use the “BMP Event Status Codes” and “BMP Event Status Code Date” to add individual dates for implementation (IMP), inspection (INSP), maintenance (MANT) and retired (RET) for Phase 6. **Tracking and reporting multiple event status codes not required for Phase 5 2016 Progress submissions. Likewise, inspection pass/fail codes are not required for Phase 5 2016 Progress submissions.**

## NEIEN Appendix Versions

There are many differences between BMP names and measurement values between the Phase 5 and Phase 6 NEIEN appendixes. **Please refer to only the Phase 5 NEIEN Appendix posted at: <http://webservices.chesapeakebay.net/schemas/> when building your 2016 Progress XMLs.**

## Main Differences in Phase 5 BMP Submissions

- Nutrient Management – Please submit the tiers listed in the Phase 5 NEIEN Appendix, not the new core practices provided by the Phase 6 panel.
- Stormwater Performance Standards –
  - In Phase 5, jurisdictions report the predominant practice at each site (e.g., wet pond), and NEIEN and Scenario Builder automatically credit that practice as a performance standard wet pond BMP with stormwater treatment if volume, total area and impervious area are reported.
  - In Phase 5, jurisdictions must also report “BMP Category” for each stormwater performance record. These include: New Development; Re-Development; New Retrofit; Converted Retrofit; Enhanced Retrofit and Restored Retrofit.
- Stream Exclusion Practices on Pasture –
  - In Phase 5, jurisdictions should report in the following way:
    - For practices that fence out cattle AND have managed forest buffers, please report NEIEN BMPs that map to PastFence AND ForestBufferTRP.
    - For practices that fence out cattle AND have managed grass buffers, please report NEIEN BMPs that map to GrassBufferTRP ONLY.
    - For practices that fence out cattle, but do not have managed buffers, please report NEIEN BMPs that map to PastFence ONLY.
- Erosion and Sediment Control – Please report practices that map to level 1, 2 or 3 erosion and sediment control. According to the panel report, states should be at level 2 by this point.