Proposed Changes to NEIEN to Accommodate Phase 6 Reporting

Draft Proposed at 04022015 WTWG

Objective: Make changes to NEIEN schema, codes list and appendix such that jurisdictions will NOT need to submit two sets of data in 2015 – one for 2015 Progress and one for Phase 6 calibration. Jurisdictions should only need to manage one set of data for NEIEN, and it will be up to the CBPO to use the same records for multiple purposes.

Federal Agency Codes: BMPs will be tracked by federal agency in the Phase 6 Model. This will require the reporting of land-owning agencies for each BMP record. The following changes will be made to NEIEN to accommodate this need:

- Jurisdictions will use the AgencyIdentity code already found within the NPSBMPIdentity/DataSource/ContactEntity portion of the NEIEN Schema to submit the land-owning federal agency for each record.
- An initial domain of 20-60 federal agency codes will be added to the Codes List (awaiting Federal Facility Team decision). A subset of these (perhaps 8-12) will represent land uses in the Phase 6 Model, while the majority will be represented as "Other Federal Land" in the Model.
- Jurisdictions will also need to identify if the BMP was submitted on non-federal land using an agency code of "Nonfed."
- Jurisdictions may request more agency codes be added to the AgencyIdentity code list and mapped either to "Other Federal Land" or non-federal land in the Model.
- Any BMP records with a missing or "NULL" value for AgencyIdentity will not receive credit for 2015 Progress or the recalibration.

Inspection Implementation Qualifier Codes: The schema was already extended to allow jurisdictions to report inspection dates. However, multiple WTWG members suggested a further extension of the schema to enable states to report if the BMP record passed or failed inspection. The following changes will be made to NEIEN to accommodate this need:

- Jurisdictions will be able to report new elements of "PASS" and "FAIL" under a new schema extension of "EventStatusResultCode." Details on the inspection may also be tracked using explanatory text under a new schema extension of "EventStatusResultsText."
- All records that contain the ImplementationQualifierCode of "INSP" will also now need to be reported as "PASS" or "FAIL."
- Records may fail one inspection, and pass a subsequent inspection or have a subsequent maintenance action completed. In both scenarios the BMP record will lose credit following the failed inspection, but would regain credit in the Phase 6 Model with the follow-up action.

Land Uses: CBPO will provide a list of recommended land uses/ land use groups to be used by the NEIEN Appendix. Any existing land uses already submitted to NEIEN will be remapped to new Phase 6 land uses for recalibration needs, but retained for 2015 Progress needs.