

Changes to NEIEN Appendix and Crediting of BMPs

Proposed to WTWG on May 5, 2016

All updates are made to <http://webservices.chesapeakebay.net/schemas/>. Please refer to latest NEIEN Appendix before submitting data.

Agriculture

- **Narrow Forest Buffers, Tree Planting and Narrow Exclusion Fencing Forest Buffer**
 - Previously recommended changing land conversion to Open Space rather than True Forest
 - New Recommendation: no change from Phase 5
 - Based upon aerial imagery land use mapping rules employed by USGS, the majority of these plantings will be contiguous and likely represented as True Forest rather than Open Space.
- **Manure Transport**
 - Jurisdictions will be able to submit “Dry Tons” in Phase 6 NEIEN Appendix. If “Tons” is submitted, Scenario Builder will assume it is wet tons. All Phase 6 nutrient concentrations by animal type can be calculated as lbs/wet lb or lbs/dry lb.
- **Dairy Precision Feeding, Litter Amendments, Composter Facilities**
 - “Animal” will be added as a measurement name so jurisdictions can submit actual head count rather than animal units if they choose.
 - All animal types will be made available.
 - AMS working on revised calculation for dead animal nutrient source.
- **Barnyard Runoff Control**
 - “Animal” will be added as a measurement name so jurisdictions can submit actual head count rather than systems or animal units if they choose. Transformations will allow head count to be converted to acres based upon the acreage of feed operation per animal in Scenario Builder.
 - AWMS panel will also be providing average farm size per animal type which will allow Scenario Builder to develop a new estimate of acres treated by system, instead of 145 AU = 1 acre = 1 system.

Urban

- **Urban Forest Buffers**
 - Previously recommended changing land conversion to Tree Canopy over Pervious rather than True Forest.
 - New recommendation: no change from Phase 5
 - Based upon aerial imagery land use mapping rules employed by USGS, the majority of these plantings will be contiguous and likely represented as True Forest rather than Open Space.
- **Urban Tree Planting**
 - Previously converted land to Forest, but will now convert land to Tree Canopy over Pervious.
 - Urban Tree Planting expert panel will provide a new number of trees/acre conversion.
- **Algal Flowway System**
 - Approved measurement names will be added.