

Crediting Changes to BMPs for Phase 6

Proposed to WTWG on 03032016

Agriculture:

- **Narrow Forest Buffers, Tree Planting and Narrow Exclusion Fencing Forest Buffer** should convert to Open Space rather than Forest.
 - Rationale: Narrow plantings are not likely to show up as “true forest” in Phase 6 land cover dataset, but tree canopy that is smaller than true forest found in agricultural areas will be placed into an Open Space land use. Additionally, the difference in average loading rates between Open Space and Forest are very small. (Peter needs to confirm before change is made.)
- **Manure Transport:** Jurisdictions will be given the opportunity to report “DRY TONS” for Manure Transport. This will assume 100 % dry solids content, so jurisdictions will need to track % dry solids of manure transport if they choose to submit using this new approach. If instead, “TONS” is reported, then SB will assume a default moisture content by animal type.
 - Rationale: Nutrient concentrations of manure and litter are provided to SB in the form of Lbs of Nutrient/Lb Dry Manure or Litter. Example: if layer manure in SB is assumed to have 25% dry content, but a jurisdiction has information suggesting 75% dry content, that difference will have a significant impact to the amount of nutrients assumed within manure.
 - Follow-Up: “DRY TONS” will be added to Phase 6 NEIEN Appendix.
- **Animal Waste Management Systems, Loading Lot Management and Barnyard Runoff Control:** Jurisdictions can currently report systems. Each system is equal to 1 acre and 1 acre is equal to 145 AU. These assumptions need to be replaced. It is highly recommended that jurisdictions report animal units treated by a system. If reporting animal units, a jurisdiction should report the TOTAL units treated by a system in a year, rather than simply the average number treated at any given time.
 - Rationale: The number of animal units per acre of livestock type has changed for Phase 6. Additionally, these acres are tied to production over the entire year. For example, if a jurisdiction reports a AWMS treating a single poultry house with a house capacity of 1,000 AU of broilers, they will not receive proper credit in terms of all the broilers that were treated over a single year. The true treatment would be house capacity times number of flocks.
 - Follow-Up: Assumptions for animal units per acre and system will be provided in revised NEIEN Appendix for WTWG and Ag Workgroup to consider prior by April.

Urban:

- **Urban Forest Buffers and Urban Tree Planting** should convert to Tree Canopy rather than Forest.
 - Rationale: Urban buffers and small patches of trees in the urban area will be classified as “Tree Canopy over Pervious” in the Phase 6 Model.