



CLIMATE
ACTION
RESERVE

Nitrogen Management Project Protocol Summary of Changes from Version 1.0 to Version 1.1

January 17, 2013

- Added clarifying language to Section 3.3 on the ability to generate CRTs only in eligible crop years.
- Corrected contradictory text on Farm Bill conservation compliance provisions to clarify when highly erodible lands (HEL) and wetlands can be eligible under this protocol. (Section 3.4)
- Added Table 3.2 “Payment Stacking Scenarios” to provide additional clarity on project eligibility and payment stacking. (Section 3.5.3.2)
- Added Figure 4.1 “General Illustration of the GHG Assessment Boundary” to provide additional clarity. (Section 4)
- Revised “Applicability Conditions” based on technical revisions to Section 5. Specifically, allow for tile drains in the project (if also present in the baseline) and added clarifying language, particularly with regard to emergency irrigation. (Section 5.1)
- Added the term “baseline look-back period” to the glossary and used this term to clarify language throughout the protocol. (Section 5.2.1 and 9)
- Changed quantification of LVRO emissions to use the reporting period’s Fra_{LEACH} value for both baseline and project, and to include a default Fra_{LEACH} for tile drains. (Section 5.3.2)
- Provided additional guidance on calculating the project-specific Fra_{LEACH} . (Section 5.3.2 and the newly added Appendix E)
- Clarified how to properly take the average for baseline N_2O emissions, and whether N rates were annual or average values throughout Section 5. (Section 5.2.1, 5.3.1, and 5.3.2)
- Revised structural uncertainty methodology (Equation 5.15) to incorporate a change the Reserve previously said would be made in the Staff Response to Public Comments (Version 1.0). Specifically, the revision allows for structural uncertainty to be scaled based on the number of fields enrolled at the program-level, instead of at the aggregate-level, by introducing the Uncertainty Adjustment Factor (UAF), which will be published on the Reserve website. (Section 5.3.4)
- Added additional parameters to Table 6.1.
- Updated reporting requirements to note whether HEL or wetlands are present in reports and updated record keeping requirements to include documentation of USDA NRCS determinations. (Section 7.2 and 7.3)
- Updated verification requirements to include verification of HEL, wetlands, and tile drains, and clarified text. (Table 8.1, 8.2, and 8.3)