



CLIMATE
ACTION
RESERVE

SUMMARY OF REVISIONS FROM ORGANIC WASTE DIGESTION PROJECT PROTOCOL VERSION 2.0 TO 2.1 January 16, 2014

In addition to the incorporation of previously issued errata and clarifications, previously issued policy memos, updates adopted in Organic Waste Composting Version 1.1, as well as minor editorial changes, the Organic Waste Digestion Project Protocol Version 2.1 incorporates the following significant changes from Version 2.0:

1. **Updated the project start date guidance (Section 3.2).** Updated to improve clarity regarding which potentially eligible waste streams may trigger the start date.
2. **Updated guidance on anaerobic baseline conditions (Section 3.4).** Updated guidance on use of the Livestock Project Protocol for projects co-digesting manure with other eligible waste streams. Clarified guidance for Greenfields agro-industrial wastewater projects. Introduced expanded guidance for centralized digesters and baseline requirements for each eligible waste stream.
3. **Updated the regulatory compliance requirements (Section 3.6).** Updated the requirements in line with the Reserve's Environmental and Social Safeguards Policy (dated September 27, 2012) as well as other Reserve protocols.
4. **Introduced new ownership guidance (Section 3.7).** Consolidated ownership guidance into a new Section 3.7 and introduced new guidance for projects that also generate additional credits/payments that relate to environmental attributes of the project.
5. **Expanded guidance for determining the fraction of eligible waste in mixed MSW waste streams (Section 5.1.1.2).** Updated guidance on how to determine the fraction of eligible waste in different categories of mixed MSW waste streams.
6. **Updated guidance for calculating project emissions from fossil fuel combustion (Section 5.2.1).** Updated to more clearly account for emissions from any offsite pre-processing of eligible waste.
7. **Updated guidance for venting events (Sections 5.2.2.1).** Introduced new guidance distinguishing venting events from temporary project shutdowns.
8. **Updated guidance for calculating project emissions from aerobic and anaerobic treatment of digestate (Section 5.2.4 and Section 5.2.5).** Updated to more clearly account for emissions from any offsite aerobic treatment of digestate. Updated guidance

for anaerobic treatment of digestate, including use of appropriate equation and look-up table.

9. **Updated requirements for determining the site-specific maximum methane potential (B_0) (Section 6.1.3.2).** Updated guidance for determining the site-specific maximum methane potential (B_0).
10. **Updated requirements for biogas control system monitoring (Section 6.2).** Provided new guidance for destruction device flow metering and monitoring of operational activity. New guidance for biogas measurement instrument QA/QC, including guidance for cleaning and inspection, field checks, calibrations, and for projects sending biogas to a pipeline. Also updated missing data section to better align with updated guidance for operational activity monitoring.
11. **Added additional project submittal documentation (Section 7.1).** Added new requirement to submit a project diagram and a completed Reserve Livestock Calculation Tool (if used).
12. **Updated gas collection fractions by state (Appendix B).** Updated Gas Collection Fractions by State, in a new Table B.3, to reflect the most current data.
13. **Updated biogas collection efficiency by digester type (Appendix B).** Updated the Biogas Collection Efficiency defaults in Table B.5.
14. **Updated guidance for site-specific destruction efficiency testing (Appendix B).** Updated guidance for appropriate test service providers.
15. **Added example project diagram (Appendix E).** Added example project diagram to assist project developers in compliance with new reporting requirements.