

**Livestock Project Monitoring Report**

*This report is required for projects that have selected verification option 3 under the U.S. Livestock Project Protocol V3.0, V4.0, and the Mexico Livestock Project Protocol V2.0 (see Section 8 of the protocol for report submittal requirements). This report must also be used when projects elect to take a zero-credit reporting period (see Reserve Program Manual, section 3.3.3).*

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| --- | --- |
| **Account Holder** |  |
| **Reserve Project ID** |  |
| **Project Name** |  |
| **Name of Individual Completing Report** |  |
| **Date** |  |
| **Current Reporting Period[[1]](#footnote-1)** |  |
| **Current Verification Period[[2]](#footnote-2)** |  |
| **Protocol Version** |  |

**Calculated Reductions**

*List all estimates in units of tCO2e. If the reporting period spans multiple vintages, please list the calculated reductions per vintage. If the emission reductions have yet to be calculated, please put “TBD” (to be determined) in the spaces provided.*

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| --- | --- | --- |
| **Vintage:** |  |  |
| **Baseline Emissions (A):** |  |  |
| **Project Emissions (B):** |  |  |
| **Total Quantity of Metered and Destroyed Methane (C):** |  |  |
| **Total Emission Reductions (lesser of [A-B] and C):** |  |  |

**Project Information**

1. **Project Description**

*Description of the project, the baseline system, and the biogas control system.*

1. **Additionality**

*Description of evidence for satisfying the rules for Project Start Date, Legal Requirement Test, Performance Standard Test, and Anaerobic Baseline Requirement.*

1. **Project Emission Sources**

*Description of emission sources within the GHG Assessment Boundary for the current reporting period, highlighting any differences from the previous reporting period.*

1. **Ownership of Reductions**

*How is clear and explicit ownership of GHG reductions from the project demonstrated for the current reporting period? Include references to relevant contracts/documents.*

1. **Regulatory Compliance**

*Description of personnel and processes used to ensure that the project is in material compliance with all applicable regulations. Include a list of all project-related non-compliance events, their duration and whether they are considered material. Please reference relevant documents:*

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| --- | --- | --- |
| **Non-Compliance Event** | **Duration** | **Material or Immaterial?** |
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1. **Livestock Tracking System**

*Written description of the tracking system used to establish the number of head in each livestock category and the fraction of waste from each category sent to the digester.*

1. **Record Keeping**

*Brief description of how project data are recorded and maintained.*

1. **Operational/Personnel Changes**

*Describe any changes to project equipment, management systems, or personnel that have occurred during the current reporting period.*

1. **Operational Disruptions**

*List all operational disruptions during the current reporting period.*

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| **Time Period** | **Event** | **Compensatory Measures** |
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1. **Calculation Method**

*Briefly describe the methods and software that were or will be used to perform emission reduction calculations. If using the Livestock Calculation Tool, please specify the version.[[3]](#footnote-3)*

**Biogas Measurement Instrument QA/QC Summary**

*(Based on protocol Section 6.2.)*

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| --- | --- | --- | --- | --- | --- |
| **Date** | **Equipment  (Type, S/N)** | **QA/QC Activity** | **As-Found Condition** | **As-Left Condition** | **Responsible Personnel** |
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**Monitoring Summary Table**

*(Based on protocol Table 6.1)*

| **Parameter** | **Description** | **Data Unit** | **Calculated (c)**  **Measured (m)**  **Reference(r)**  **Operating Records (o)** | **Measurement Frequency** | **Measurement Instrument/ Method** | **Date(s) of Measurement**  **(if applicable)** | **Other Notes** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| PL | Average number of animals for each livestock category | Population  (# head) | o | Monthly |  |  |  |
| MassL | Average live weight by livestock category | kg | o, r | Annual |  |  |  |
| T | Average monthly temperature at location of the operation | °C | m/o | Monthly |  |  |  |
| F | Monthly volume of biogas from digester to destruction devices | scf/month | m | Continuously, aggregated monthly |  |  |  |
| T | Temperature of the biogas (if applicable) | °R (Rankine) | m | Continuously, averaged  monthly |  |  |  |
| P | Pressure of the biogas (if applicable) | atm | m | Continuously, averaged  monthly |  |  |  |
| CH4,conc | Methane concentration of biogas | Percent  (%) | m | At least quarterly |  |  |  |
| QFc | Quantity of fuel used for mobile/stationary combustion sources | MMBTU/year  or  gallon/year | o, c | Annually |  |  |  |
| QEc | Quantity of electricity consumed | MWh/year | o, c | Annually |  |  |  |

1. The reporting period is the period of time that a project developer quantifies and reports GHG reductions for the project. Under the livestock protocol, there is a 12 month limit for the reporting period. See Section 7.3 of the protocol for more information. Please enter the dates of the 12 month reporting period covered by this report. [↑](#footnote-ref-1)
2. The verification period is the period of time over which GHG reductions are verified. Project developers submit this report once a 24 month verification period has been selected. Please enter the dates for the 24 month verification period that include the current reporting period. [↑](#footnote-ref-2)
3. If requested by the Reserve, the project developer must supply a copy of the emission reduction calculations for the reporting period covered by this report. [↑](#footnote-ref-3)