



Carbon Farming Initiative

What records do I need to keep for a piggeries project?

You must keep records of your piggeries project to support your application for Australian carbon credit units. When keeping records, consider: are you collecting your data efficiently? Will you be able to maintain your data in the event of an emergency? Are you collating data in a way that will assist an auditor's review of your project?

Records required by the piggeries methodology determination

General information

- all maintenance records for monitoring instruments and combustion devices
- logs of operations of the combustion device including notation of all shut-downs, start-ups, process adjustments
- evidence of corrective measures taken if monitoring instruments do not meet the accuracy threshold specified in the monitoring section of the methodology determination (section 4.2), and

If default values are not used for methane destruction efficiency:

- certificates from the stack testing laboratory showing measured methane destruction efficiency

Project information

Data used for calculating and verifying emissions

- pig number and classes (daily data, recorded weekly)
- type and quantity of feed (daily data, recorded weekly)
- pre-screening of waste (addition or removal)

- number of project lagoons
- lagoon dimensions
- climate data (rainfall, pan evaporation and pan-pond factor—within the meaning provided in the PigBal model)
- calculations of volatile solids (PigBal output)
- non-effluent waste entering the project lagoons in the year prior to project commencement (by type and weight)

Combustion devices

- combustion device information including the model, serial number, and calibration procedures for the device
- combustion device monitoring data for each device
- combustion device calibration data for each device

Monitoring equipment

- gas flow meter information including the model, serial number and calibration procedures for the instrument
- gas flow meter calibration data for each flow meter

Gas Composition

- gas analyser information if used, including the model, serial number and calibration procedures for the instrument
- gas analyser calibration data for each gas analyser
- gas quality data (including particulate content and humidity)

Direct and indirect measurement

- records of any raw data and site observations relating to the gas capture and combustion system and parameters entered into PigBal
- all values and calculations used in baseline calculations
- all values and calculations used to calculate net greenhouse gas abatement
- all calculations of Co₂-e emissions from fuel and electricity use
- electronic recording of values of logged primary parameters for each measurement interval, for each meter:
 - gas flow data for each flow meter
 - temperature data from temperature measurement device for each device

- methane content of gas (% by volume) for each measurement (if default value not used) including date, time and location of measurement, notes of non-compliance to performance specifications, remedial actions taken to correct instrument
- evidence of fuel use including invoices and receipts
- evidence of grid-delivered electricity use including invoices, receipts and meter data
- evidence of amount of electricity produced by the internal combustion engine generator if applicable

Other records required

- correspondence between the proponent and the Clean Energy Regulator in relation to your eligible offsets project
- information about your legal right to carry out a project
- information in relation to any decision made by the proponent in relation to the proponent's obligations under the Act or these Regulations, including the reasons for the decision
- information about any variations to the project
- information about regulatory approvals required and/or obtained in relation to the project
- offset reports and Carbon Farming Initiative audit reports (if any)
- information about any event that is reasonably likely to significantly increase or decrease abatement, and

If the proponent is not an individual, information about the following:

- the proponent's organisational structure, and any changes it undergoes
- the individuals with decision-making authority within the organisation, and any change of those individuals

You will need to ensure that the project has secure storage for all data and records, and a means of retaining records for at least seven years from the date the related offsets report was provided to the Clean Energy Regulator.

Further information

If you have any further questions about the Carbon Farming Initiative, please contact us.

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