

Offset Project Name

Offset Project ID Code

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### Form MV-2.2E – Determination of Emissions Reduction

Provide documentation of CO<sub>2</sub>-equivalent (CO<sub>2</sub>e) emissions reductions during the reporting period. Enter information in the fields below and attach documentation, as directed. Each attachment must include a header that indicates it is an attachment to Form MV-2.2E and includes the offset project name and offset project ID code.

Enter the following information:

- 1. Annual baseline emissions (short tons CO<sub>2</sub>e)
- 2. Annual measured volume of methane recovered and destroyed by the anaerobic digester (short tons CO<sub>2</sub>e)
- 3. CO<sub>2</sub> emissions from transportation of manure and organic food waste to the anaerobic digester (short tons CO<sub>2</sub>e)
- 4. Annual net emission reductions (short tons CO<sub>2</sub>e)

Enter baseline emissions data for each month in the reporting period (if multiple facilities supplied influent to the digester, provide the sum for all facilities):

Month	VS <sub>p</sub> (kg)	VS <sub>in</sub> (kg)	VS <sub>out</sub> (kg)	VS <sub>avail</sub> (kg)	F (unitless)	VS <sub>deg</sub> (kg)	V <sub>m</sub> (scf)	CO <sub>2</sub> e (short tons)
January	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
February	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
March	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
April	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
May	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
June	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
July	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
August	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
September	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
October	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
November	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
December	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total for Year	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	n/a	<input type="text"/>	<input type="text"/>	<input type="text"/>

Check the boxes below to indicate that the following required documentation is attached:

- 1. Baseline Emissions. Spreadsheet documenting the data sources and calculations used to quantify baseline CO<sub>2</sub>-equivalent emissions for each facility supplying manure and organic food waste influent to the anaerobic digester and the sum of CO<sub>2</sub>-equivalent emissions for all such facilities. Monthly records for each facility of influent flow from the facility into the digester, influent total solids concentration (including specified sampling method), and influent volatile solids concentration (including specified sampling method).

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**Offset Project ID Code**

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- 2. Methane Captured and Destroyed Using Anaerobic Digester. Spreadsheet documenting the procedures, data sources, and calculations used to quantify the annual volume of methane emissions (in standard cubic feet of methane and CO<sub>2</sub>-equivalent) captured and destroyed by the anaerobic digester.
- 3. Transport CO<sub>2</sub> Emissions. Spreadsheet documenting the procedures, data sources, and calculations used to quantify CO<sub>2</sub> emissions due to transportation of manure and organic food waste from off-site facilities where manure and organic food waste was generated to the anaerobic digester. Monthly records of transport miles, fuel use, and transport tons, as applicable to the documentation method used.