

Regional Greenhouse Gas Initiative  
CO<sub>2</sub> Budget Trading Program



**Massachusetts  
Department of Environmental Protection**

**Massachusetts CO<sub>2</sub> Budget Trading Program**

**Offset Project Monitoring and Verification Report**

**Avoided Methane Emissions from Agricultural  
Manure Management**

Version 1.0

Issued by

Issued on

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## 1. Overview

To demonstrate the achievement of carbon dioxide (CO<sub>2</sub>)-equivalent (CO<sub>2</sub>e) emissions reductions from an agricultural manure management offset project that has received a consistency determination from the Massachusetts Department of Environmental Protection (MassDEP), a Project Sponsor must submit to MassDEP in accordance with the instructions (see accompanying instructions packet) a fully completed *Massachusetts Offset Project Monitoring and Verification Report – Avoided Methane Emissions from Agricultural Manure Management Version 1.0 (M&V Report)*, consisting of the coversheet and all forms and related attachments. Following these instructions will ensure that the *M&V Report* contains all necessary information and is submitted properly.

The Project Sponsor should review the Massachusetts CO<sub>2</sub> Budget Trading Program regulations, 310 CMR 7.70(10), for information regarding offset projects and the award of CO<sub>2</sub> offset allowances. All Massachusetts offset project submittal materials and documents are available at <http://www.rggi.org/offsets>.

## 2. Submission Instructions

The Project Sponsor should submit the completed *M&V Report*, and all attachments, via the Regional Greenhouse Gas Initiative (RGGI) CO<sub>2</sub> Allowance Tracking System (COATS) at <http://www.rggi-coats.org> under the established general account identified in the Massachusetts *Consistency Application* for the project. For additional information, consult the RGGI COATS User's Guide, available at <http://www.rggi-coats.org>.

The *M&V Report* has three (3) parts, as described below. Each part comprises specified forms and required documentation. The *M&V Report* has been created as a Microsoft Word document with editable fields. Enter information directly in the fields provided or submit information or documentation as an attachment, as instructed. Include headers on all attachments indicating the form to which each is attached, the offset project name, and offset project ID code. If attachments are being submitted as separate electronic documents, please include the form numbers in the file names of the documents.

When submitting documents electronically via RGGI COATS, it is not necessary to submit a scanned or paper hardcopy of the application forms. The Project Sponsor must retain the completed original copy of the *M&V Report* and attachments with the original signed documents. MassDEP reserves the right to request the original signed application documents at any time.

A completed hardcopy and/or CD of the *M&V Report* may also be mailed to: Climate Strategies Group, Massachusetts Department of Environmental Protection, Bureau of Waste Prevention, 6<sup>th</sup> Floor, One Winter Street, Boston, MA 02108-4747.

Questions about this form and how to submit it should be directed to [climate.strategies@state.ma.us](mailto:climate.strategies@state.ma.us) or 617-574-6815.

### **3. M&V Report Forms**

The *M&V Report* consists of eight (8) forms divided into three (3) parts, as follows:

#### **Part 1. General Information Forms**

- Form 1.1 – Coversheet
- Form 1.2 – General Information
- Form 1.3 – Attestations
- Form 1.4 – Project Sponsor Statement
- Form 1.5 – Disclosure of Greenhouse Gas Emissions Data Reporting

#### **Part 2. Category-Specific Information and Documentation Forms**

- Form 2.1 – Demonstration of Conformance with M&V Plan
- Form 2.2 – Determination of Emissions Reduction

#### **Part 3. Independent Verification Form**

- Form 3.1 – Independent Verifier Certification Statement and Report

Note that although the forms include many embedded instructions, Project Sponsors are advised to consult the accompanying instructions packet for full instructions and documentation requirements.

**Offset Project Name**

**Offset Project ID Code**

## Form 1.1 – Coversheet

**Project Sponsor (RGGI COATS Authorized Account Representative)**

**Project Sponsor Organization**

**Reporting Period**

**RGGI COATS General Account Name**

**RGGI COATS General Account Number**

Check the boxes below to indicate submission of the following required forms:

- Form 1.2 – General Information
- Form 1.3 – Attestations
- Form 1.4 – Project Sponsor Statement
- Form 1.5 – Disclosure of Greenhouse Gas Emissions Data Reporting
- Form 2.1 – Demonstration of Conformance with M&V Plan
- Form 2.2 – Determination of Emissions Reduction
- Form 3.1 – Independent Verifier Certification Statement and Report

Offset Project Name  Offset Project ID Code

### Form 1.2 – General Information

**Project Sponsor (RGGI COATS Authorized Account Representative)**

Telephone Number  Fax Number  Email Address

Street Address

City  State/Province  Postal Code  Country

**RGGI COATS General Account Name**

**RGGI COATS General Account Number**

Name of Offset Project  Project Commencement Date

Summary Description of Offset Project

Project City  Project County  Project State

**Project Sponsor Organization**

**Primary Street Address**

City  State/Province  Postal Code  Country

**Brief Description of Project Sponsor Organization**

Telephone Number  Website URL

**Independent Verifier (Company/Organization)**  **States Where Verifier Accredited**

**Primary Street Address**  **Website URL**

City  State/Province  Postal Code  Country

**Point of Contact for Project**

Contact Telephone Number  Contact Fax Number  Contact Email Address

**Contact Street Address**

City  State/Province  Postal Code  Country

Offset Project Name

Offset Project ID Code

### Form 1.3 – Attestations

The undersigned Project Sponsor certifies the truth of the following statements:

1. All offset projects for which the Project Sponsor or project sponsor organization has received CO<sub>2</sub> offset allowances, under the Project Sponsor's or project sponsor organization's ownership or control (or under the ownership or control of any entity which controls, is controlled by, or has common control with the Project Sponsor or project sponsor organization) are in compliance with all applicable requirements of the CO<sub>2</sub> Budget Trading Program in all participating states.
2. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this M&V Report and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

\_\_\_\_\_  
Project Sponsor Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Organization

Offset Project Name

Offset Project ID Code

### Form 1.4 – Project Sponsor Statement

The undersigned Project Sponsor hereby confirms and attests that the offset project upon which this Monitoring and Verification Report is based is in full compliance with all of the requirements of 310 CMR 7.70(10). The Project Sponsor holds the legal rights to the offset project, or has been granted the right to act on behalf of a party that holds the legal rights to the offset project. The Project Sponsor understands that eligibility for the award of CO<sub>2</sub> offset allowances under 310 CMR 7.70(10) is contingent on meeting the requirements of 310 CMR 7.70(10). The Project Sponsor authorizes MassDEP or its agent to audit this offset project for purposes of verifying that the offset project, including the Monitoring and Verification Plan, has been implemented as described in the *Consistency Application* that was the subject of a consistency determination by MassDEP. The Project Sponsor understands that this right to audit shall include the right to enter the physical location of the offset project and to make available to MassDEP or its agent any and all documentation relating to the offset project at MassDEP's request. The Project Sponsor submits to the legal jurisdiction of Massachusetts.

<input type="text"/> Project Sponsor Signature	<input type="text"/> Date
<input type="text"/> Printed Name	
<input type="text"/> Title	
<input type="text"/> Organization	

Offset Project Name

Offset Project ID Code

### Form 1.5 – Disclosure of Greenhouse Gas Emissions Data Reporting

Check the box below that applies:

- No greenhouse gas emissions data related to the offset project referenced in this *M&V Report* have been or will be reported to a voluntary or mandatory program other than the Massachusetts CO<sub>2</sub> Budget Trading Program.
- Greenhouse gas emissions data related to the offset project referenced in this *M&V Report* have been or will be reported to a voluntary or mandatory program other than the Massachusetts CO<sub>2</sub> Budget Trading Program. Information for all such programs to which greenhouse gas emissions data have been or will be reported is provided below.

**Name of Program to which GHG Emissions Data Reported**

Check all that apply:

- Reporting is currently ongoing
- Reporting was conducted in the past
- Reporting will be conducted in the future
- Reporting is mandatory
- Reporting is voluntary

**Enter Frequency of Reporting**

**Enter Reporting Start Date**

**Program Contact Information – Address**

**Program Website**

**Categories of Emissions Data Reported**

**Name of Program to which GHG Emissions Data Reported**

Check all that apply:

- Reporting is currently ongoing
- Reporting was conducted in the past
- Reporting will be conducted in the future
- Reporting is mandatory
- Reporting is voluntary

**Enter Frequency of Reporting**

**Enter Reporting Start Date**

**Program Contact Information – Address**

**Program Website**

**Categories of Emissions Data Reported**

Add extra pages as needed. Each attachment must include a header that indicates it is an attachment to Form 1.5, identifies the number of the appropriate table and the reference number in the left-hand column of the table, and includes the offset project name and offset project ID code. If attachments are being submitted as separate electronic documents, please include the form numbers in the file names of the documents.

Offset Project Name

Offset Project ID Code

### Form 2.1 – Demonstration of Conformance with M&V Plan

Provide documentation that procedures and protocols specified in the M&V Plan were performed and records specified in the M&V Plan were generated and retained. Check the boxes in the tables below to indicate that the referenced documentation is provided as an attachment to Form 2.1. All attached documentation must include a header that indicates it is an attachment to Form 2.1, identifies the appropriate table number and reference number in the left-hand column of the table, and includes the offset project name and offset project ID code. If attachments are being submitted as separate electronic documents, please include the form numbers in the file names of the documents.

**Table 1. Quality Assurance/Quality Control (QA/QC) Program**

Procedures and Documentation Required by the M&V Plan	Documentation Provided (check the boxes to indicate attachment of required documentation)
1. Procedures for recording names and contact information for the personnel responsible for project monitoring and documentation	<input type="checkbox"/> List of the individuals responsible for influent monitoring, digester biogas monitoring, and the third-party laboratory used to verify biogas methane concentration, including contact names by location
2. Procedures for recording names and contact information for the personnel responsible for QA/QC of project monitoring and documentation	<input type="checkbox"/> List of the individuals responsible for QA/QC of project monitoring, including contact names by location
3. Procedures for the compilation of an annual QA/QC report summarizing findings of QA/QC activities conducted and any remedial actions taken	<input type="checkbox"/> Annual QA/QC report summarizing all QA/QC activities conducted and remedial actions taken
4. Procedures, if applicable, for annual comparison of methane generated by anaerobic digester, as measured by monitoring equipment, with estimated methane used to generate electricity, as derived from electric generation records	<input type="checkbox"/> Copy of annual comparison of methane generated by the anaerobic digester with estimated methane used to generate electricity, including calculations and data used
5. Procedures for documenting installation and retirement of equipment for monitoring biogas volumetric flow and methane concentration	<input type="checkbox"/> Records of biogas monitoring equipment installed or retired

Offset Project Name

Offset Project ID Code

## Form 2.1 – Demonstration of Conformance with M&V Plan (continued)

**Table 1. Quality Assurance/Quality Control (QA/QC) Program (continued)**

Procedures and Documentation Required by the M&V Plan	Documentation Provided (check the boxes to indicate attachment of required documentation)
6. Procedures for quarterly third-party laboratory analysis of methane concentration of sampled digester biogas using U.S. EPA-approved laboratory testing methods, including specification of the testing method to be used	<input type="checkbox"/> List of EPA-approved test procedures used <input type="checkbox"/> Copy of third-party laboratory analysis report of methane concentration of sampled digester biogas and date of analysis
7. Procedures to ensure that biogas samples will be taken at the same location as the digester biogas flow meter	<input type="checkbox"/> Signed documentation by sampling technician that digester biogas samples were taken at location of digester biogas flow meter
8. Procedures for QA/QC of influent monitoring data for each facility providing manure or organic food waste to the anaerobic digester	<input type="checkbox"/> List of procedures performed during the reporting period
9. For regional-type digesters, procedures for compilation of monthly receipts and records of manure and organic food waste in kilograms (kg) received for input into the anaerobic digester from each facility providing manure or organic food waste influent	<input type="checkbox"/> Copies of monthly receipts and records of manure and organic food waste in kilograms (kg) supplied to the anaerobic digester from each off-site facility
10. For regional-type digesters, for each facility providing organic food waste influent, procedures for ensuring that daily food waste input to the on-site storage tank prior to shipment to the anaerobic digester is at least 1/30 of the total storage tank capacity	<input type="checkbox"/> Copy of monthly records of daily monitoring of the timing and quantities of food waste input to the on-site storage tank and the timing and quantity of influent shipped to the anaerobic digester
11. For regional-type digesters, for each facility providing manure influent, procedures for ensuring that daily manure input to the on-site storage tank or pond prior to shipment to the anaerobic digester is at least 1/30 of the total storage tank capacity	<input type="checkbox"/> Copy of monthly records of daily monitoring of the timing and quantities of manure input to the on-site storage tank or pond and the timing and quantity of influent shipped to the anaerobic digester

Offset Project Name

Offset Project ID Code

**Form 2.1 – Demonstration of Conformance with M&V Plan (continued)****Table 2. Measuring and Monitoring Equipment Maintenance, Operation, and Calibration**

<b>Procedures and Documentation Required by the M&amp;V Plan</b>	<b>Documentation Provided (check the boxes to indicate attachment of required documentation)</b>
1. Monthly records of digester biogas flow rate performance tests to ensure: (1) flow readings are being recorded at least every 15 minutes; (2) the accuracy of digester biogas flow meter readings is within +/- 5 percent of manufacturer specifications; and (3) methane concentration instrument manufacturer specifications for precision and accuracy are met	<input type="checkbox"/> Copy of monthly biogas flow rate performance tests <input type="checkbox"/> Copy of data for one (1) sample day per month of flow meter readings in intervals of at least 15 minutes
2. Records of the type of biogas flow meter installed (differential pressure or hot wire anemometer)	<input type="checkbox"/> Copy of specification sheet for the biogas flow meter installed
3. Records of the date and location of flow meter installation	<input type="checkbox"/> Copy of flow meter installation information, including date and location
4. Records of performance of maintenance schedules for digester biogas flow meter and methane concentration instrument in accordance with manufacturer recommendations and specifications	<input type="checkbox"/> Copies of maintenance schedules and records of maintenance activity conducted <input type="checkbox"/> Copy of manufacturer recommended maintenance schedule and specifications for digester biogas flow meter and methane concentration instrument
5. Daily records of collected digester biogas flow rates	<input type="checkbox"/> Copies of records of daily measured digester biogas flow rates
6. Weekly or daily records of methane concentration (daily records if onsite continuous methane concentration analyzer used)	<input type="checkbox"/> Copies of weekly or daily records of methane concentration (daily records if onsite continuous methane concentration analyzer used)
7. Monthly records of calculation of digester biogas flow rate standardization in standard cubic feet (scf) to correct for site-specific pressure and temperature measurements (note, this procedure is not necessary when using flow meters that automatically measure temperature and pressure and express digester biogas flow in standard cubic feet (scf))	<input type="checkbox"/> Monthly calculation records of standardization of daily digester biogas flow from recorded cubic feet per day (ft <sup>3</sup> /day) to standard cubic feet per day (scf/day)

Offset Project Name

Offset Project ID Code

**Form 2.1 – Demonstration of Conformance with M&V Plan (continued)****Table 2. Measuring and Monitoring Equipment Maintenance, Operation, and Calibration (continued)**

<b>Procedures and Documentation Required by the M&amp;V Plan</b>	<b>Documentation Provided (check the boxes to indicate attachment of required documentation)</b>
8. Monthly records of field data used for flow measurement standardization, including barometric pressure and biogas temperature and pressure measurements (note, not applicable when using flow meters that automatically measure temperature and pressure and express digester biogas flow in standard cubic feet (scf))	<input type="checkbox"/> Copies of records of field data used for digester biogas flow measurement standardization
9. Monthly records of the number of hours the digester biogas flow meter was inoperable	<input type="checkbox"/> Copies of monthly records of the number of hours the digester biogas flow meter was inoperable (in hours per month)
10. Monthly records of the amount of methane combusted in standard cubic feet (scf) in the combustion device	<input type="checkbox"/> Copies of monthly records of the amount of methane combusted in standard cubic feet (scf) in the combustion device
11. Monthly records of electric generation and heat rate in British thermal units per kilowatt hour (Btu/kWh) (note, only applicable to offset projects with an electric generation component)	<input type="checkbox"/> Copies of monthly records of electric generation <input type="checkbox"/> Copies of monthly records from source tests showing the measured heat rate, or copies of monthly records used to derive heat rate based on million British thermal units (MMBtu) of heat input and kilowatt hours (KWh) of electricity generation
12. Annual records of the calibration procedures conducted for digester biogas flow meter in accordance with manufacturer specifications	<input type="checkbox"/> List of calibration activities conducted and receipts for services rendered if performed by outside contractor <input type="checkbox"/> List of manufacturer recommendations for calibration of digester biogas flow meter
13. Records of the dates and results of digester flow meter calibration, and the portable instrument and procedures used to check installed flow meter accuracy, including field measurements and flow calculations	<input type="checkbox"/> List of dates of digester flow meter calibration <input type="checkbox"/> Copy of calibration field measurement data and flow calculations, and the portable instrument and procedures used to check installed flow meter accuracy

Offset Project Name

Offset Project ID Code

**Form 2.1 – Demonstration of Conformance with M&V Plan (continued)**

**Table 2. Measuring and Monitoring Equipment Maintenance, Operation, and Calibration (continued)**

<b>Procedures and Documentation Required by the M&amp;V Plan</b>	<b>Documentation Provided (check the boxes to indicate attachment of required documentation)</b>
14. Records of calibration procedures conducted for methane concentration monitoring instrument (daily records if applicable to continuous methane concentration monitoring instrument; monthly records if applicable to portable methane concentration monitoring instrument)	<input type="checkbox"/> List of calibration activities conducted and receipts for services rendered if performed by outside contractor <input type="checkbox"/> List of manufacturer recommendations for calibration of methane concentration monitoring instrument
15. Records of the dates and results of methane concentration monitoring instrument calibration (applicable to both continuous methane concentration monitoring instrument and portable methane concentration monitoring instrument)	<input type="checkbox"/> List of dates of methane concentration monitoring instrument calibration <input type="checkbox"/> Copy of calibration field measurement data for methane concentration instrument

Offset Project Name

Offset Project ID Code

### Form 2.2 – 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 2.2 and includes the offset project name and offset project ID code. If attachments are being submitted as separate electronic documents, please include the form numbers in the file names of the documents.

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="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
February	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
March	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
April	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
May	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
June	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
July	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
August	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
September	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
October	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
November	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
December	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total for Year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Offset Project Name

Offset Project ID Code

## Form 2.2 – Determination of Emissions Reduction (continued)

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 (CO<sub>2</sub>e) emissions for each facility supplying manure and organic food waste influent to the anaerobic digester and the sum of CO<sub>2</sub>-equivalent (CO<sub>2</sub>e) 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).
- 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 (scf) of methane and CO<sub>2</sub>-equivalent (CO<sub>2</sub>e) 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.

Offset Project Name

Offset Project ID Code

### Form 3.1 – Independent Verifier Certification Statement and Report

An accredited independent verifier must sign and date the form. Attach the accredited verifier report. The attached verifier report must include a header that indicates it is an attachment to Form 3.1 and includes the offset project name and offset project ID code. If attachments are being submitted as separate electronic documents, please include the form numbers in the file names of the documents. Note that the Project Sponsor must retain the completed original copy of the *M&V Report* and attachments, including the verifier’s original signed documents. MassDEP reserves the right to request the original signed documents at any time.

**Name of Accredited Independent Verifier**

I certify that the accredited independent verifier identified above reviewed this *M&V Report*, including all forms and attachments, in its entirety, including a review of the following:

1. The verifier has reviewed the entire *M&V Report* and evaluated the contents of the report in relation to the applicable requirements of 310 CMR 7.70(10) and the required documentation that must be provided in the *M&V Report*.
2. The verifier has evaluated the adequacy and validity of information supplied by the Project Sponsor to determine CO<sub>2</sub>-equivalent (CO<sub>2</sub>e) emissions reductions in accordance with 310 CMR 7.70(10)(e)5., and the required documentation that must be provided in the *M&V Report*.
3. The verifier has evaluated the adequacy and consistency of methods used by the Project Sponsor to quantify, monitor, and verify CO<sub>2</sub>-equivalent (CO<sub>2</sub>e) emissions reductions in accordance with 310 CMR 7.70(10)(e)5. and the Monitoring and Verification Plan submitted as part of the *Consistency Application*.

A verification report is attached that documents the verifier’s review of the items listed above and includes evaluation conclusions and findings.

<hr/> <b>Verifier Representative Signature</b>	<hr/> <b>Date</b>
<hr/> <b>Printed Name</b>	
<hr/> <b>Title</b>	