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U.S. Landfill Protocol Project Data Report

The Project Data Report (PDR) Template must be completed for each verification period. This template is only intended as a guide and provides the minimum required information to be reported. This template is designed for use with the U.S. Landfill Protocol V6.0 (US LP). The project developer has the option to include additional information at their discretion.

Please note that this document will be made publicly available once the project has registered credits the verification cycle. If there is proprietary information, please provide a redacted version for publication and a non-redacted version for internal review. Please contact the Reserve to discuss what information may be allowed to be redacted.

Account Holder	Development Authority of the North Country
Project ID and Name	CAR398 Development Authority of the North Country (DANC) Landfill Gas Destruction Project
Cooperative/Aggregate ID (if applicable)	
Current Reporting Period Dates	01/01/2025-12/31/2025
Protocol Version	U.S. Landfill V6.0
Claimed CRTs by Vintage	134,130 (2025)
Date Submitted	April 24, 2026

1 Introduction

Provide a general description of the project, including location, baseline scenario, project activity, etc.

The Development Authority of the North Country (DANC) owns and operates the NYCRR Part 360-permitted Solid Waste Management Facility (SWMF) located on State Route 177 in Rodman, New York. DANC elected to voluntarily install a comprehensive landfill gas collection and control system (GCCS) to collect the naturally-occurring landfill gas (LFG), a byproduct of anaerobic decomposition of the waste following placement within the landfill, and convey the landfill gas to destruction devices. The destruction devices convert the methane constituent of the landfill gas to carbon dioxide, which has a global warming potential approximately 28 times smaller than methane. Thus, as methane is collected and destroyed, the net carbon emissions from the landfill are reduced.

In the baseline scenario, prior to the installation in the GCCS, there were no passive flares or other destruction devices, active or passive, present at the facility.

2 Project Definition

a Project Definition

Provide information on whether the project is an expansion of an existing landfill project or is being submitted as a new project, the type of destruction device (e.g. utility flares, enclosed flares, engines, turbines, microturbines, boilers, pipelines, leachate evaporators, kilns, sludge dryers, burners, furnaces, or fuel cells), default or site-specific destruction efficiency values, and whether landfill gas is destroyed onsite or transported for offsite use. Supporting documentation must be provided to the verifier during each verification cycle, which may include project diagrams, LFG flow data, methane flow data, facility records, etc.

The project is not an expansion of an existing landfill nor is it being submitted as a new project.

The destruction devices include active utility flares, internal combustion engines, and a flare thermal oxidizer. The project elects to use the default destruction efficiency values.

Landfill gas is primarily destroyed at the adjacently-located landfill gas-to-energy (LFGTE) facility with a backup control device in the form of a landfill flare.

b Project Developer

List the entities which have any amount of legal control over the project boundary and identify the mechanism through which the Account Holder has legal authority to implement the project. In addition, please state which entity will be designated as the project developer and will sign the Attestation of Title. If the Account Holder is not the entity listed on the facility's operating permit, explain how they obtain the right to operate the project on the facility's behalf.

Entity with legal control over the project boundary: Development Authority of the North Country

Mechanism: Owner and operator of landfill; agreement with Landfill Gas to Energy Facility Operator, Archaea Energy giving them ownership of environmental attributes associated with the project

Project Developer: Development Authority of the North Country

Account Holder is listed on the facility's operating permit.

3 Project Eligibility

a Project Location

Provide the project location.

23400 NYS Rt. 177 Rodman, NY 13682, Jefferson County, USA

b Project Start Date

Briefly describe the documentation used to demonstrate the date at which the GCCS system became operational, i.e., the date landfill gas was first destroyed in a project destruction device. Provide a description of the start-up testing period (destruction device, timeline, etc.), if applicable. Include what documentation will be provided to the verification body to demonstrate the commencement of methane destruction.

The CAR Project Submittal Form completed for the first Verification Period, dated August 22, 2008, identifies that the GCCS became operational March 28, 2001.

There was no start-up testing period and therefore no destruction devices installed prior to the beginning of the project.

c Project Crediting Period

State the project's crediting period as defined in Section 3.2 of the Protocol.

March 28, 2021 to March 27, 2031

d Additionality

i Performance Standard Test

Check the box below and provide a brief description of how the landfill gas destruction project meets the performance standard test as outlined in Section 3.4.1 of the protocol.

☒ Installation of a landfill gas collection and a new qualifying destruction device at an eligible landfill where landfill gas has never been collected and destroyed prior to the start date.

☐ Installation of a new qualifying destruction device at an eligible landfill where landfill gas is currently collected and vented, but has never been destroyed in any manner prior to the start date.

☐ Installation of a new qualifying destruction device at an eligible landfill where landfill gas was collected and destroyed at any time prior to the project start date using:

☐ A non-qualifying destruction device (e.g., passive flare)

☐ A destruction device that is not otherwise eligible under the protocol

☐ Installation of a new gas collection system on a physically-distinct cell (or cells) where neither gas collection nor destruction has previously occurred.

Description: The landfill was not equipped with any landfill gas collection or destruction (passive or active) prior to the project's start date.

ii Limits on Credit Stacking

Disclose if the project participates in carbon or other types of mitigation project types outside of the Reserve. If so, include a brief description of the project activity, the Registry in which the project is listed, and how the two projects do not result in double counting. Confirm that the Reserve and the other registry are aware of and provided approval for credit stacking. If no project stacking / credit stacking is occurring, state, "Not applicable."

Not Applicable

iii Legal Requirement Test

Attest that the project activities are not legally required. Identify any federal, provincial, or local regulations or legally binding mandates that are relevant to the project. State whether the project is subject to NSPS regulations and provide information regarding recent NMOC emission rate testing. Confirm that the landfill has not exceeded the NMOC threshold or provide the date at which the landfill is legally required to implement the GCCS.

Project activities are voluntary and not legally required. The landfill's most recent Tier 2 test in 2021 identifies that the landfill will be under the 34 Mg/year NMOC threshold for the subsequent 5 years, and the landfill's annual NMOC Emission Rate Report confirms that the landfill remains below this limit in 2025.

e Social and Environmental Safeguards

i Social Safeguards

Confirm below that the project is in material compliance with all labor and safety laws for the verification period.

The project was in material compliance with all labor and safety laws for the current verification period.

ii Environmental Safeguards

Confirm below that the project was in material compliance with all environmental regulations during the reporting period, and how the project is designed and implemented in such a way to mitigate potential releases of pollutants that may cause degradation of the quality of soil, air, and surface and groundwater. Provide a brief description of any environmental benefits or harms that have resulted from the project.

The project was in material compliance of all environmental regulations during the reporting period. The landfill gas collection and control system is designed in accordance with industry standards and New York State regulations. The GCCS does not impact the quality of the soil, surface water, or groundwater. The project operates in accordance with facility permits that ensure no degradation of the environment. The destruction devices improve the air quality by burning hazardous air pollutants and methane that would otherwise have been freely vented to the atmosphere.

f Regulatory Compliance

Provide the national, provincial, and/or local regulatory agencies with jurisdiction over the project boundary. Disclose any instances of non-compliance during the reporting period. Describe how the project will monitor for compliance during future reporting periods.

New York State Department of Environmental Conservation and the United States Environmental Protection Agency have jurisdiction over the project boundary.

During the reporting period, there were two instances of non-compliance.

The landfill facility notified the NYSDEC regarding the intention to replace the landfill's aging flare. Due to different interpretations of the level of notification required, the NYSDEC issued a warning letter that insufficient information was provided prior to the start of construction of the new flare. This is not considered a violation of the facility's permit and sufficient information was provided once requested. This non-compliance would be considered an administrative and reporting issue and was not a result of negligence or intent. Note that the new flare was not installed as of December 31, 2025 and thus was not operated during the reporting period.

The landfill facility had an exceedance during semi-annual benchmark stormwater monitoring during the first quarter of 2025. As corrective actions were completed in accordance with the facility's permit, this is not considered a violation.

The project monitors for compliance with associated state and federal regulations on an annual and semi-annual basis in accordance with the landfill's and landfill gas to energy facility's Title V and Part 360 Solid Waste Permits.

4 GHG Assessment Boundary

a GHG Assessment Boundary

The table below includes only the SSRs that are included in the project quantification. For all SSRs considered in the GHG Assessment Boundary (included and excluded GHGs and their justification) refer to Table 4.1 in the Protocol.

SSR	Source Description	Gas	Baseline (B) or Project (P)	Confirm each SSR is Included
4	Emissions from Waste Breakdown in Landfill	CH ₄	B,P	☒
5	Emissions from Gas Collection System	CO ₂	P	☒
6	Emissions from Supplemental Fuel	CO ₂ , CH ₄	P	☐
7	Emissions from Project LFG Boiler Destruction	CH ₄	P	☐
	Emissions from Baseline LFG Boiler Destruction	CH ₄	B	☐
8	Emissions from Project LFG Electricity Generation	CH ₄	P	☒
	Emissions from	CH ₄	B	☐

	Baseline LFG Electricity Generation			
9	Emissions from Project LFG Flare Destruction	CH ₄	P	☒
	Emissions from Baseline LFG Flare Destruction	CH ₄	B	☐
10	Emissions from Upgrade of LFG	CO ₂	B,P	☐
11	Emissions from Project LFG Pipeline or other NG end-use	CH ₄	P	☐
	Emissions from Baseline LFG Pipeline or other NG end-use	CH ₄	B	☐

5 Quantifying GHG Emission Reductions

a Quantifying Baseline Emissions

i Summary of Baseline Quantification

Provide the total methane destroyed by the GCCS, factor for the oxidation of methane by soil bacteria, discount factor to account for modeling uncertainties, and adjustment factor to account for baseline LFG destruction device in the verification period, as calculated in the Protocol.

Vintage: 2025	Vintage: N/A
Total methane destroyed: 5,327.9 tCH ₄	Total methane destroyed: tCH ₄
Oxidation factor by soil bacteria: 0.1	Oxidation factor by soil bacteria:
Monitoring uncertainties discount factor: 0 (engines), 0.1 (SWMF flare)	Monitoring uncertainties discount factor:
Adjustment factor for baseline LFG destruction device: 0	Adjustment factor for baseline LFG destruction device:
Baseline Emissions: 134,149 tCO ₂ e	Baseline Emissions: tCO ₂ e

b Quantifying Project Emissions

i Site-Specific Destruction Efficiency

Provide the name of the state or local agency accredited service provider utilized to conduct the site-specific destruction efficiency testing, as well as the date the test was conducted and the destruction efficiency used for quantification.

No site-specific destruction efficiency used. Default destruction efficiencies are selected based on each individual destruction device per the U.S. Project Protocol.

ii Summary of Project Emissions

Provide the total carbon dioxide emissions from the destruction of fossil fuel, total carbon dioxide emissions from the consumption of electricity from the grid, and the total quantity of

emissions from supplemental natural gas in the verification period, as calculated in the Protocol.

Vintage: 2025	Vintage: N/A
Emissions from fossil fuel use: 0.3 tCO ₂	Emissions from fossil fuel use: tCO ₂
Emissions from electricity use: 18.9 tCO ₂	Emissions from electricity use: tCO ₂
Emissions from supplemental natural gas: 0 tCO ₂	Emissions from supplemental natural gas: tCO ₂
Project Emissions: 19.2* (may not sum due to rounding) tCO ₂ e	Project Emissions: tCO ₂ e

c Final CRT Summary

Summarize the final result for determining the net GHG Reductions by vintage.

Vintage: 2025	Vintage:
Baseline Emissions: 134,149 tCO ₂ e	Baseline Emissions: tCO ₂ e
Project Emissions: 19.2 tCO ₂ e	Project Emissions: tCO ₂ e
Total GHG Emission Reductions/Removals: 134,130* (may not sum due to rounding) tCO ₂ e	Total GHG Emission Reductions/Removals: tCO ₂ e

6 Project Monitoring

Check the boxes below and attest that project monitoring has occurred according to the Protocol. If requirements were not met, please list the date of variance request and fill out Section 7.

Have all monitoring and QA/QC requirements been met? ☒ Yes ☐ No

Have all field checks and calibrations been performed by a third-party? ☒ Yes ☐ No

Date of Variance Request, if applicable: N/A

7 Variance Request

If a variance was requested during the reporting period, provide a brief description of the rule/requirement in the protocol in question, the conditions of the determination, and the date of the variance request and determination.

Date of Variance Request: N/A

Protocol Section and Rule/Requirement:

Description of how the project did not meet the protocol requirement above:

Date Reserve Issued Determination:

Variance Conditions:

8 Project Documentation

The following documents are required to be submitted for project registration. In cases where there is proprietary information, please provide unredacted and redacted versions. If additional documents were submitted, please include the document title and its associated file name.

Document	File Name
Project Diagram	2025.09 CAR Monitoring Plan (Figure 1)
Attestation of Title	Attestation of Title 2025 Signed
Attestation of Voluntary Implementation	Attestation of Voluntary Implementation 2025 Signed
Attestation of Regulatory Compliance	Attestation of Regulatory Compliance 2025 Signed
Monitoring Plan	2025.09 CAR Monitoring Plan
Project Contributions to the U.N. Sustainable Development Goals Report Tool (if applicable)	2025-SDG-REPORTING-TOOL-CAR398
Project Data Report (this document)	DANC U.S. Landfill Project Data Report_2025-2
List of Findings	CAR398 List of Findings.pdf
Variance Request (if applicable)	N/A
Social Environmental Safeguards Assessment Form	DANC Social-Environmental-Safeguards-Assessment-Form-2 2025