



CLIMATE
ACTION
RESERVE

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	Anew Environmental, LLC
Project ID and Name	CAR473, Davis Landfill Gas Offset Project
Cooperative/Aggregate ID (if applicable)	N/A
Current Reporting Period Dates	01/01/2025-12/31/2025
Protocol Version	U.S. Landfill V6.0
Claimed CRTs by Vintage	126,378
Date Submitted	2026-08-05

1 Introduction

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

The Davis County Landfill (DCL) is a municipal sanitary waste landfill located in Davis County at 1997 East 3500 North in the city of Layton, Utah. The landfill began operations in 1953, which is situated within a property of approximately 370 acres. The project voluntarily collects and destroys landfill gas using an enclosed flare (project activity) and a combustion engine, preventing it from being emitted into the atmosphere (baseline scenario). This project consists of the voluntary collection and destruction of landfill gas and the necessary monitoring and data recording for the purpose of verifying Climate Reserve Tonnes (CRTs). These emission reductions are generated in accordance with Version 6.0 of the Landfill Project Protocol developed by the Climate Action Reserve.

Latitude: 41° 6' 40.68" N

Longitude: 111° 55' 42.72" W

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.

In 2002, WIWMD installed a gas collection and control system (GCCS) at the landfill. The GCCS consist of 23 vertical, 31 horizontal and 7 soil vapor landfill gas (LFG) extraction wells which are connected via a common header line to a blower station equipped with a 1,200 standard cubic feet per minute (scfm) Hauck Centrifugal Blower. From the blower station, captured landfill gas (LFG) is either directed to a pipeline for off-site combustion at Nodal Powers Inc or combusted onsite in two Flare Industries Model FEF-12 Enclosed Bio-gas Flare Systems and a John Zink Flare Model ZTOF Enclosed Flare System, which was installed in June 2019—one serving as the primary flare and the latter as a backup. Prior to February 2nd, 2010, LFG to the enclosed flare passed through a Thermal Instruments Company, Inc. Model 62-9/62T-9/9500 Thermal Mass Probe Flow Meter. Since then, LFG to the enclosed flare is monitored on a continuous basis using an S&S MFG Inc. 1495 ISO 5157 Orifice Plate Flow Meter Model #4150-P with a Rosemount 3095 Transmitter. The flare is equipped with a thermocouple which continuously monitors the temperature, and the data is recorded at ten-minute intervals.

An engine skid was manufactured in August of 2022 in Sisters, Oregon and was commissioned on March 10, 2023, to convert part of the Davis County landfill gas to energy and run the engine for a bitcoin mining company-Nodal Powers. The Davis County LFGTE power project utilizes a single 750 SCFM blower skid consisting of a single electric motor driving a seven-stage

centrifugal blower that takes raw LFG from approximately -38 inches of WC and compresses/pressurizes the raw LFG to 3.0 PSI +/- 0.5 PSI.

In 2021, the landfill signed a secondary contract with Nodal Powers for the LFG to electricity generation project; this contract ended in early 2026. As of March 2026, there are no longer any contracts to sell the landfill gas, and the project is running as a flare only project.

There are two Enclosed Flares on-site (Flare 1 and 2) with a destruction efficiency of 99.5%. There is one lean burn internal combustion engine that combust methane off-site at Nodal Powers and has a destruction efficiency of 93.6%.

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.

Project Developer: Anew Environmental, LLC (Attestation of Title signatory)

Landfill Owner/Operator: The landfill facility is owned by Wasatch Integrated Waste Management District (WIWMD).

Gas Collection & Control System Owner: Wasatch Integrated Waste Management District (WIWMD)

Carbon Credit Manager: Anew Environmental, LLC

Project O&M Provider: Wasatch Integrated Waste Management District (WIWMD)

Anew and WIWMD collaborate in the carbon project management and verification related activities

3 Project Eligibility

a Project Location

Provide the project location.

Figure 3 below shows the location of the Davis County Landfill in Layton, UT at the following coordinates:

- Latitude: 41° 6' 40.68" N
- Longitude: 111° 55' 42.72" W

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 project proponent listed the project on the Climate Action Reserve website on July 30, 2019 with a project start date of January 18, 2002. The date was confirmed through a review of the project commissioning letter which stated that startup and commissioning was completed on January 18, 2002. The project started post January 1, 2001, thus meeting the Project Start Date eligibility criteria.

c Project Crediting Period

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

18 January 2022 to 17 January 2032

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 Davis County Landfill was not collecting and destroying landfill gas prior to the project start date and is thus considered additional under Scenario 1 according to the Protocol.

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.

To be considered additional, emissions reductions must be achieved by a project that would not have occurred due to federal, state, or local regulations. DCL is not required by law to install a landfill gas collection system and meets all applicable federal, state, and local regulations or ordinances, thus passing the Legal Requirement Test. Anew Environmental, LLC will sign and submit the Project's Developers Attestation of Regulatory Compliance to CAR (Data Room). The compliance evaluation conducted on June 30th, 2026 submitted to the State of Utah DAQ includes a new emission calculation using the landgem. The New Source Performance Standard (NSPS) for MSW Landfills requires landfills that began receiving waste after May 30, 1991 with a design capacity greater than 2.5 million megagrams (Mg) to control emissions of non-methane organic compounds (NMOC) when the estimated NMOC emissions exceed 34 Mg per year. If a landfill exceeds the 34 Mg per year threshold, then the landfill has 30 months to install a landfill gas capture system. The most recent Tier II NMOC Emission Rate Report for DCL was submitted to the State of Utah with a result of 14.38 Mg/yr NMOC for 2025. These values do not require DCL to capture the landfill gas under federal regulations and the project is thus voluntary.

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 DCL maintains compliance with all labor and safety laws for the verification period. In order for the landfill to even operate, any labor and safety laws must be upheld.

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 DCL maintains environmental compliance through the guidance detailed in their operating permits required under federal, state, or local environmental regulations. The permits include inspection frequencies, sampling frequencies, and reporting requirements. These permits are included in the documentation provided for verification. The project is designed to voluntarily collect and destroy landfill gas using two enclosed flare and one combustion engine - mitigating releases of pollutants that may cause degradation of the quality of soil, air, and surface and groundwater. Therefore, by preventing these pollutants from being emitted into the atmosphere, the Project has a positive impact on the environment as a result. The Project also contributes to SDG goal 13.0, 7 and 9 as under the project condition, methane is converted to CO₂ through combustion of captured landfill gas which results in measurable greenhouse gas emission reductions - resulting in positive climate action.

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.

The Davis County Landfill maintains regulatory and environmental compliance through the guidance detailed in their operating permits required under federal, state or local environmental regulations. The permits which include inspection frequencies, sampling frequencies, and reporting requirements can be found onsite as well in the electronic web-accessible document filing system.

The DCL also follows all guidelines related to the Occupational Safety and Health Administration (OSHA) including regularly scheduled meetings and trainings around safety onsite. Anew Environmental, LLC has signed the Attestation of Regulatory Compliance to CAR (See CAR Registry).

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 Baseline LFG Electricity Generation	CH ₄	B	☐
9	Emissions from Project LFG Flare Destruction	CH ₄	P	☒
	Emissions from Baseline LFG Flare Destruction	CH ₄	B	☐
10	Emissions from	CO ₂	B,P	☐

	Upgrade of LFG			
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:
Total methane destroyed: 5016.80 tCH ₄	Total methane destroyed: tCH ₄
Oxidation factor by soil bacteria: 10%	Oxidation factor by soil bacteria:
Monitoring uncertainties discount factor: 0	Monitoring uncertainties discount factor:
Adjustment factor for baseline LFG destruction device: 0	Adjustment factor for baseline LFG destruction device:
Baseline Emissions: 126,423.44 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.

The destruction efficiency used for quantification has been applied per Protocol guidelines. According to the Protocol, the default destruction efficiencies are based on a preliminary set of actual source test data provided by the Bay Area Air Quality Management District.

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:
Emissions from fossil fuel use: 0.03 tCO ₂	Emissions from fossil fuel use: tCO ₂
Emissions from electricity use: 44.73 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: 44.76 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: 126,423 tCO ₂ e	Baseline Emissions: tCO ₂ e
Project Emissions: 45 tCO ₂ e	Project Emissions: tCO ₂ e
Total GHG Emission Reductions/Removals: 126,378 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:

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:

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	Davis_County_Landfill_Diagram.pdf
Attestation of Title	Attestation-Title-Davis County 2025

Attestation of Voluntary Implementation	Attestation-Voluntary-Implementation_DavisCounty_2025
Attestation of Regulatory Compliance	Attestation-Regulatory-Compliance-DavisCounty_2025
Monitoring Plan	Davis County PDD 2025 v2.0
Project Contributions to the U.N. Sustainable Development Goals Report Tool (if applicable)	SDG-Reporting-Tool-v2.0-1_Davis County
Project Data Report (this document)	Davis County-U.S. Landfill PDR-V2.0
List of Findings	CAR473 List of Findings.pdf
Variance Request (if applicable)	N/A
Social Environmental Safeguard Assessment Form	Climate-Action-Reserve_Social-Environmental-Safeguards-Assessment-Form- Davis County 2025.pdf