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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	Scott Solid Waste Disposal Company
Project ID and Name	CAR436 - Volunteer Regional Landfill
Cooperative/Aggregate ID (if applicable)	N/A
Current Reporting Period Dates	01/01/2025 - 08/31/2025
Protocol Version	U.S. Landfill V6.0
Claimed CRTs by Vintage	51,271 (2025)
Date Submitted	06/17/2026

1 Introduction

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

The Volunteer Regional Landfill (VLF) is a class I municipal sanitary waste landfill located in Scott County, Tennessee, approximately 4 miles north of Oneida, Tennessee. Scott Solid Waste Disposal Company owns and operates the landfill under permit number SNL 76-103-0271 and is permitted to accept Class I waste. Scott Solid Waste Disposal Company is a subsidiary of Waste Connections, Inc. (WCN). The name of the landfill is Volunteer Regional Landfill. It has managed solid waste at this location since December 1999.

The entrance to the landfill is located directly off Bear Creek Road approximately 1-mile northwest of the intersection of Bear Creek Road and US Highway 27. The site is situated within a property of 814.82 acres (Zip 37854).

In the second quarter of 2008, Anew Environmental (Anew) entered into an agreement with WCN to install a voluntary landfill gas collection and control system to facilitate the destruction of methane, a Greenhouse Gas (GHG) contained in the landfill gas, by combustion at a flare. On 10/1/2014, an Offset Marketing Agreement was signed between Anew and WCN. As established in this agreement, WCN owns the rights to greenhouse gas emission reduction credits relating to VLF and Anew is retained to facilitate verification and exclusively market offsets created by the project.

A leachate evaporator was installed on a voluntary basis in October 2022 as an addition to the LFGCCS.

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.

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).

Methane destruction has occurred through an open flare. For this destruction, a methane destruction efficiency of 96% has been applied per Protocol guidelines.

In addition to the open flare, a leachate evaporator was installed on a voluntary basis in October 2022. For this destruction, a methane destruction efficiency of 98% has been applied per Protocol guidelines.

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: Scott Solid Waste Disposal Company a fully owned subsidiary of Waste Connections, Inc. (Attestation of Title signatory)

Landfill Owner/Operator: Scott Solid Waste Disposal Company a fully owned subsidiary of Waste Connections, Inc.

Gas Collection & Control System Owner: Scott Solid Waste Disposal Company a fully owned subsidiary of Waste Connections, Inc.

Carbon Credit Manager: Anew Environmental, LLC

Project O&M Provider: Waste Connections, Inc.

Anew and Scottt Solid Waste Disposal Company collaborate in the carbon project management and verification related activities

3 Project Eligibility

a Project Location

Provide the project location.

The Volunteer Regional Landfill is location in Tennessee, therefore within the United States and is thus eligible as a project under the Protocol.

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 was initiated on November 5, 2008 when the landfill gas collection system and flare began operation. This date is documented in the Flare Commissioning Record provided by Shaw – LFG Specialties and is available upon request. The project started post January 1, 2001 and is thus considered eligible.

c Project Crediting Period

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

11/05/2008 to 11/04/2028

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: Volunteer Regional Landfill was not collecting and destroying landfill gas prior to the project start date and is thus considered additional under Scenario (A)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. VLF 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 Regulatory Test.

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 VLF landfill hired Franklin Engineers and Consultants to prepare a landfill gas report which provided a gas generation estimate and also assessed the applicability of the New Source Performance Standard (NSPS) at the landfill. The Tier II gas sampling was conducted in 2017

and a summary of the Tier II test Report (8/10/2017) is provided in Data Room. The table below provides a summary of the results prepared by Franklin Engineers and Consultants LLC as part of the VLF landfill gas report.

The NMOC emission rate for the VLF exceeded the 34 Mg/yr threshold from 40 CFR 62, Subpart OOO, thus VLF is now required to install air emission collection and control equipment by September 1, 2025 (within 30 months from the 2022 TIER II report date).

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 Volunteer Regional Landfill 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 Volunteer Regional Landfill maintains environmental compliance through the guidance detailed in their operating permits required under federal, state, or local environmental regulations. These permits are included in the documentation provided for verification. The project is designed to voluntarily collect and destroy landfill gas using an open flare and evaporator - 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 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.

VLF is not required to manage its landfill gas under either the Tennessee Department of Environment and Conservation (TDEC) or local regulations. In addition, VLF has met all applicable state and local environmental regulations and has obtained all applicable permits, including:

- Solid Waste Management Permit
- Water Pollution Control Permit
- Application for Title V Permit and Permit Shield

All permits are available for inspection upon request. There were no instances of non-compliance during the reporting periods.

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)
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 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:
Total methane destroyed: 2,041.81 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: 0
Adjustment factor for baseline LFG destruction device: 0	Adjustment factor for baseline LFG destruction device:
Baseline Emissions: 51,453.59 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: 0.22 tCO ₂	Emissions from fossil fuel use: tCO ₂
Emissions from electricity use: 182.52 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: 182.74 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: 51,453.59 tCO ₂ e	Baseline Emissions: tCO ₂ e

Project Emissions: 182.74 tCO ₂ e	Project Emissions: tCO ₂ e
Total GHG Emission Reductions/Removals: 51,271 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: 04/20/2026

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: 04/20/2026

Protocol Section and Rule/Requirement: 6.2 Instrument QA/QC - "Field checked for calibration accuracy by a third-party technician with the percent drift documented, using either a portable instrument (such as a pitot tube) or manufacturer specified guidance, at the end of – but no more than two months prior to or after – the end date of the reporting period"

Description of how the project did not meet the protocol requirement above: The project did not complete a field check at the end of – but no more than two months prior to or after – the end date of the reporting period.

Date Reserve Issued Determination: 06/01/2026

Variance Conditions: The Reserve grants this variance pursuant to the following conditions:

- Verifier confirms that the calibrations on 6/26/2025 of the gas analyzers (S/N 1106 and S/N 1159) have as left conditions within the +/-5% accuracy threshold;
- Verifier confirms that all of the cleaning and inspections performed for the gas analyzers (S/N 1106 and S/N 1159) during the reporting period indicate that the meter was working properly; and
- Verifier confirms that all other QA/QC requirements are met.

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
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Project Diagram	VLF PDD 2025 Version 1
Attestation of Title	Volunteer-Attestation-Title.pdf
Attestation of Voluntary Implementation	Volunteer-Attestation-Voluntary-Implementation.pdf
Attestation of Regulatory Compliance	Volunteer-Attestation-Regulatory-Compliance.pdf
Monitoring Plan	VLF PDD 2025 Version 1
Project Contributions to the U.N. Sustainable Development Goals Report Tool (if applicable)	2025 -SDG-REPORTING-TOOL-CAR436
Project Data Report (this document)	Volunteer-U.S. Landfill PDR-V1.0
List of Findings	List of Findings_Anew_Volunteer r1
Variance Request (if applicable)	VLF Var Request 2026-03-30