



PURO.EARTH FACILITY AND OUTPUT AUDIT REPORT

WoodCache PBS

Puro Standard General Rules Edition 2023 (Version v3.1)

Audit Start - End date: 6.6.2023 – 26.6.2024

Project Number: PRJN-701042

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Puro Standard: Terrestrial Storage of Biomass Edition 2023 v.1



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Attachments:

ATTACHMENT 1 Audit checklist - Terrestrial Storage of Biomass_10072024



Introduction

This report summarises the results and conclusions from the performed facility and output audit. The audit is performed as a formal part of the Puro.earth certification process. The key objective is to determine the compliance of the operations with the Puro requirements.

DNV

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Whether certifying a company's management system or products, providing training, or assessing supply chains, and digital assets, we enable customers and stakeholders to make critical decisions with confidence.

We are committed to support our customers to transition and realize their long-term strategic goals sustainably, collectively contributing to the UN Sustainable Development Goals.

Production facility standing data

(PURO General rules Terrestrial Storage of Biomass methodology)

General information

Facility unique identity	Facility ID 452184 GSRN number 643002406801000770
CO2 Removal Supplier registering the Production Facility	WoodCache PBS
Name	Walsenburg Facility
Location	Walsenburg, Colorado, USA
Date on which the Production Facility became eligible to receive CORCs	27/06/2024
Removal Method(s) for which the plant is eligible to receive CORCs	Terrestrial Storage of Biomass
Production Facility has benefited from public support	No
Removal Method specific information as may be specified in the relevant Removal Method specific Methodology	Terrestrial Storage of Biomass Edition 2023 V1

Base for calculations in Output report

The Gross Amount of CO2 removed was measured as follows:

Gross weight of bio-mass	76.8 tonnes	Weighed on calibrated scales
X Measured Dry Matter Factor	93.4%	Lab Validated samples
= Gross Dry Biomass	71.7 tonnes	Calculated
X Organic Carbon Content	52.7%	Lab Validated Samples
X Conversion Factor	3.667	Puro Methodology
= Gross Amount of CO2	-138.6 tonnes	Calculated
= CO2 per tonne Dry Biomass	-1.93	Calculated

Supply Chain Emissions are calculated from actual consumption of fuel, usage of equipment, and materials using standard carbon emission factors thru facility closure. Monitoring and management emissions for 100 years are estimated and calculated.

Final CORC calculation:	-138.6	tCO2 removed
	48.4	tCO2 re-emission
	<u>20.7</u>	tCO2 Supply – Chain (6%)
	<u>-69.5 t</u>	CO2 CORCs requested

Short description of facility and any exclusions from verification scope observed

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Facility is terrestrial pit filled with wood and soil, with monitoring equipment in and around site.

Statement of confidentiality

The contents of this report, including any notes and checklists completed during the audit will be treated in strictest confidence, and will not be disclosed to any third party without the written consent of the customer, except as required by the appropriate accreditation authorities.

Disclaimer

An audit is based on verification of a sample of available information. Consequently, there is an element of uncertainty reflected in the audit findings. An absence of nonconformities does not mean that they do not exist in audited and/or other areas. Prior to awarding or renewing certification this report is also subject to an independent DNV internal review which may affect the report content and conclusions.

Audit results

Detailed output removal verified

<i>CORC Issuance details</i>					
Parameter	Unit	Value	Min	Max	Remarks
Activity details					
Nb of storage units validated for CORC issuance this period	units	1	NA	NA	
Dry mass of biomass placed in storage units for CORC issuance	dry metric tonne	72	NA	NA	a
Average amount of biomass per storage units, at facility	dry metric tonne	72	71.71	71.71	b
Average carbon content of biomass used, at facility	% weight, dry basis	52.7%	52.70%	52.70%	
Life cycle greenhouse gas emissions, totals over reporting period					
E_stored	tonne CO ₂ -eq	138.58	NA	NA	
E_re-emissions as CO ₂	tonne CO ₂ -eq	8.23	NA	NA	
E_re-emissions as CH ₄	tonne CO ₂ -eq	40.21	NA	NA	c
E_unit_construction	tonne CO ₂ -eq	3.74	NA	NA	
E_biomass	tonne CO ₂ -eq	8.22	NA	NA	
E_unit_sealing	tonne CO ₂ -eq	2.80	NA	NA	
E_site_establishment	tonne CO ₂ -eq	0.00	NA	NA	
E_site_closing	tonne CO ₂ -eq	5.92	NA	NA	
CORCs claimed	tonne CO ₂ -eq	69.46	NA	NA	
Life cycle greenhouse gas emissions, scaled per tonne biomass placed in storage					
E_stored	tonne CO ₂ -eq / tonne biomass	1.9323	NA	NA	
E_re-emissions as CO ₂	tonne CO ₂ -eq / tonne biomass	0.1148	NA	NA	
E_re-emissions as CH ₄	tonne CO ₂ -eq / tonne biomass	0.5607	NA	NA	
E_unit_construction	tonne CO ₂ -eq / tonne biomass	0.0521	NA	NA	
E_biomass	tonne CO ₂ -eq / tonne biomass	0.1146	NA	NA	
E_unit_sealing	tonne CO ₂ -eq / tonne biomass	0.0391	NA	NA	
E_site_establishment	tonne CO ₂ -eq / tonne biomass	0.0000	NA	NA	
E_site_closing	tonne CO ₂ -eq / tonne biomass	0.0825	NA	NA	
CORCs per dry tonne biomass stored	tonne CO ₂ -eq / tonne biomass	0.97	NA	NA	

Positive indications

- Data collection and CORC calculations are systematic.
- File management is systematic.

Recommendations for improvement

- NA.



Audit findings

Detailed findings requiring corrective actions:

NA.

Conclusion

Conclusion	
The company is found compliant towards CORC requirement, and a certificate can be issued	Yes
The company is found NOT to be fully compliant towards CORC requirement and corrective actions are needed before a certificate can be issued	

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