



PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT

350Solutions, Inc. has verified the CO₂ removal capability and eligibility for CO₂ Removal Credits (CORCs) under the Puro.Earth Puro Standard General Rules v 2.4.1 for the following company:

Technology & Company Information		
CO ₂ Removal Supplier & Facility Operator	Production Facility Location	CO ₂ Removal Method
Bella Biochar Corporation	594676 Oxford 59 South Woodstock, Ontario, Canada N4S7W1 43.175, -80.776	Biochar

350Solutions affirms that the organization has the appropriate equipment, procedures, protocols in place and documented to quantify CO₂ removal through the production of biochar, via measurement of biochar output and quality and appropriate lifecycle analysis in accordance with the requirements of the Puro.Earth General Rules and Biochar Methodology. Eligibility criteria are verified as follows:

Eligibility Criteria		
Criteria	Verified Eligibility Status	Rationale
<i>Sustainable Feedstock</i>	Eligible	Waste biomass feedstock
<i>Biochar Use</i>	Eligible	Primarily soil amendments. Not used for energy.
<i>Net Negative LCA</i>	Eligible	Documented according to Puro Biochar Methodology
<i>No Fossil Fuels for Process Heat</i>	Eligible	Not used for process heat, except startup only.
<i>Negligible Methane Emissions</i>	Eligible <i>(Improvements recommended)</i>	Methane emissions minimal based on theoretical calculation and published emission factors.
<i>Molar H:C Ratio</i>	Eligible	H:C ratio < 0.7
<i>Safe Environment and Biochar Handling</i>	Eligible	Biochar properly and safely handled
<i>Environmental & Social Safeguards</i>	Eligible	Facility properly permitted
<i>Additionality</i>	Eligible	Project not required by any regulation
<i>Biochar Quantification</i>	Eligible <i>(Improvements recommended)</i>	Biochar quantified for all batches
<i>Production Facility Data</i>	Eligible	Production facility data matches Puro.Earth Registry
OVERALL ELIGIBILITY	ELIGIBLE	

350Solutions has audited and verified eligible CO₂ removals for the period 7/1/2021 to 3/15/2022. CO₂ removal credits have been calculated in accordance with the Puro.Earth Standard Rules and Biochar Methodology.

Additional details regarding the Production Facility and Output Audits can be found in the Production Facility & Output Audit Report – Bella Biochar (Document ID 350VR-BB-PU2201).

Verifier Information		
Verification Body	Lead Verifier	Verification ID No.
350Solutions, Inc.	Bill Chatterton, CMVP	VS-BB-PU2201

Signed: Bill Chatterton (Lead Verifier)

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Bill Chatterton
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Tim Hansen, P.E. (Peer Reviewer)

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Tim Hansen
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Issue Date:
May 31, 2022

PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT: Additional Information

TECHNOLOGY DESCRIPTION

Bella Biochar Corporation produces certified organic, premium quality biochar from landfill diverted biomass, including forest debris and waste wood, such as pallets. The audited Bella production facility converts waste biomass into biochar, including on-site receipt and handling of waste biomass and processing and packaging biochar product.

VERIFICATION DESCRIPTION

Verification activities were conducted by 350Solutions to independently verify the production facility, operations, data, and CORC claims. The verification was conducted following the specifications of Puro General Rules and the Annex A Biochar Methodology. The Production Facility Audit was completed via an in-person site visit on May 12, 2022. Output data was reviewed and verified remotely based on observation of on-site activities during the site visit.

DATA QUALITY & LEVEL OF ASSURANCE

350Solutions is an ANAB-accredited ISO/IEC 17020:2012 independent inspection body for ISO 14034:2016 Environmental Technology Verification. 350Solutions Quality Management Plan and Quality Systems Procedures generally apply to activities associated with the Production Facility Audit and Output Audit performed in accordance with the Puro Standard. 350Solutions utilized a reasonable level of assurance in performance of the Production Facility & Outputs audits. The data quality assessment includes, but is not limited to:

- Data quality assessment for the specified performance and CORC claims;
- Assessment of ancillary data quality (operations, relevance, and representativeness);
- Performer competence (testing and analytical providers);
- Sampling and analytical procedures (repeatability, accuracy, measurement equipment calibration and quality checks); and
- Data management and processing.

In broad terms, the data provided by Bella Biochar to verify the Production Facility and its output in accordance with the Puro Standard was found to be acceptable for verification of initial CORC claims. Requirements and recommendations for improvement of data quality are provided in the Verification Report. All the findings of the data quality review support verification of the performance claims and conform to the requirements of the standards.

Notice: Technology and project verifications and audits conducted by 350Solutions are based on an evaluation of technology performance claims and CO₂ removal claims via on site visit observations and utilizing data submitted by the audited company. Validation and verification are completed in accordance with guidelines of interest and utilizing the appropriate quality assurance procedures. However, 350Solutions makes no expressed or implied warranties as to the performance of the technology and does not certify that a technology will always operate at the levels verified, nor that it meets all state, local, or federal legal requirements.