PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT

350Solutions, Inc. has verified the CO_2 removal capability and eligibility for CO_2 Removal Credits (CORCs) under the Puro.Earth Puro Standard General Rules v4.1 and the associated Biochar Methodology Edition 2022 v3 for the following company:

Technology & Company Information		
CO_2 Removal Supplier & Facility Operator	**Production Facility Location**	**CO_2 Removal Method**
Applied Carbon	9110 Taub Road, Houston, Texas 77064, USA	Biochar

350Solutions affirms that the organization has the appropriate equipment, procedures, and protocols in place to quantify and report CO_2 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**
Sustainable Feedstock	Eligible	Pecan shell waste biomass feedstock
Biochar Use	Eligible	Soil application
Net Negative LCA	Eligible	Documented according to Puro Biochar Methodology
No Fossil Fuels for Process Heat	Eligible	Used only for onsite vehicles and pyrolyzer startup.
Negligible Methane Emissions	Eligible	Methane emissions minimal
Molar H:C Ratio	Eligible	H:C ratio = 0.30
Safe Environment and Biochar Handling	Eligible	Biochar properly and safely handled
Environmental & Social Safeguards	Eligible	Facility properly permitted
Additionality	Eligible	Project not required by any regulation and requires carbon finance
Biochar Quantification	Eligible	Biochar quantified during operations
Production Facility Data	Eligible	Production facility data matches Puro.Earth Registry
OVERALL ELIGIBILITY	**ELIGIBLE**	
Total Verified CORCs	**847.31**	

350Solutions has audited and verified eligible CO_2 removals for the period 10Dec2024 to 23Apr2025. CO_2 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 – Applied Carbon Terra (Document ID 350VRPU2502).

Verifier Information		
Verification Body	**Lead Verifier**	**Verification ID No.**
350Solutions, Inc.	Steven Qiu	VSPU2502

Signed: Steven Qiu (Lead Verifier) Bill Chatterton (Peer Reviewer)

Issue Date:
June 5th, 2025
Valid for 5 years from date of issue

info@350solutions.com 1053 E. Whitaker Mill Road, Raleigh, NC 27604

PRODUCTION FACILITY & OUTPUT AUDIT STATEMENT: Applied Carbon, Terra

TECHNOLOGY DESCRIPTION

The Applied Carbon Terra facility leverages a proprietary pyrolysis technology to transform agricultural waste into biochar. The biochar from this facility is used for soil applications at regional farms. The use of biochar from waste biomass reduces carbon emissions and provides potential benefits such as improved soil health and water retention and associated environmental and agricultural benefits. At the core of Applied Carbon's approach is the deployment of the M5 pyrolysis unit that can be operated in stationary or mobile configurations. Each M5 unit is equipped to perform all stages of biochar production. The M5 is shown below in Figure 1.

Figure 1: The Applied Carbon M5 pyrolysis system.

VERIFICATION DESCRIPTION

Audit activities were conducted by 350Solutions to independently verify the production facility, operations, data, and CORC claims for the Applied Carbon Terra facility. The verification was conducted following the specifications of Puro General Rules 4.1 and Biochar Methodology (v3). The Production Facility Audit was completed via an in-person site visit to the Terra facility in Houston, Texas on May 22nd, 2025. Facility standing and production output data was reviewed and verified remotely and during 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 & Output 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 Applied Carbon 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 findings of the data quality review support verification of the performance claims and conform to the requirements of the standards.

Notice: 350Solutions, Inc. declares that we are an impartial auditor, free from any conflicts of interest, capable, and qualified to complete this audit according to Puro Standard and related Validation and Verification Body Requirements. Verifications and audits conducted by 350Solutions are based on an evaluation of technology performance and CO_2 removal claims via site visit observations and review of data submitted by the audited company. Audits are completed in accordance with rules and methodologies specified by Puro and utilizing the appropriate quality assurance procedures. 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.