Project Name:	Indigo U.S. Project No. 1
Reserve Project ID	CAR1459
Climate Action Reserve Standard	Soil Enrichment Protocol v1.1
Reporting Period:	3rd Reporting Period 18 April 2018 – 31 December 2022
Aster Global Project Number:	21047.02
Report Date:	14 February 2024 (v2)

Project Developer	**Technical Consultant**
Name: Indigo Carbon PBC **Contact:** Ryan Pape **Email:** rpape@indigoag.com **Mailing Address:** 500 Rutherford Ave. Boston, MA 02129	**Name:** N/A **Contact:** N/A **Email:** N/A

Offset Verification Body:

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1 EXECUTIVE SUMMARY

Aster Global Environmental Solutions, Inc., (Aster Global) was contracted by Indigo Ag, Inc., (Client and Project Developer, hereafter referred to as "Indigo" or "Project Developer") to perform the Climate Action Reserve (Reserve) annual (RP3) project verification of *CAR1459 –Indigo U.S. Project No. 1* (Project). Our verification process closely followed the Reserve's Soil Enrichment Protocol (SEP), Version 1.1; Climate Action Reserve Verification Program Manual; and ISO14064-3:2019.

Specifically, the project verification included the review of the requirements outlined in the Reserve's Soil Enrichment Protocol Version 1.1. The assessment included the following items: greenhouse gas (GHG) project and baseline scenarios; physical infrastructure, activities, technologies and processes of the GHG project; GHG assessment boundary (sources, sinks and/or reservoirs); types of GHGs; and time periods covered. The geographic verification scope was defined by the project boundary, the carbon reservoir types, management and agricultural activities, soil/geochemical models, farmer records, and contract periods.

After reviewing all project information, procedures, calculations, and supporting documentation, and after conducting the site visit(s), Aster Global confirms *CAR1459 – Indigo Ag U.S. Project No. 1* is accurate and consistent with all aforementioned Reserve criteria and requirements. Aster Global confirms all verification activities, including objectives, scope and criteria, level of assurance, and project documentation adherence to the Reserve's Soil Enrichment Project Protocol V1.1, as documented in this report are complete. Aster Global concludes without any qualifications or limiting conditions that the *CAR1459 – Indigo Ag U.S. Project No. 1* Project Monitoring Plan, dated 06 November 2023, and Monitoring Report, dated 05 January 2024, meet the requirements of the Reserve.

The GHG assertion provided by Indigo and verified by Aster Global, has resulted in the GHG emission reductions or removals of 163,048 tCO_2 equivalents by the project during the reporting period (18 April 2018 – 31 December 2022).

2 INTRODUCTION

This verification report is prepared in accordance with the outlined requirements of the Climate Action Reserve (Reserve) Soil Enrichment Protocol (SEP) V1.1, Climate Action Reserve Offset Program Manual, and Climate Action Reserve Verification Program Manual. Aster Global Environmental Solutions, Inc. (Aster Global) presents project verification findings of *Indigo U.S. Project No. 1*.

The project verification was conducted as part of the Reserve's program requirements for greenhouse gas (GHG) offset projects. Aster Global is accredited by the ANSI National Accreditation Board (ANAB) under ISO14065:2019 for greenhouse gas validation and verification bodies, including ISO 14064-3:2019, ISO 14065:2020, and ISO/IEC 17029, and validation/verification of assertions at the project level for Land Use and Forestry (Group 3). Aster Global is approved to verify for the Reserve.

2.1 Project Developer

Project Developer:	Technical Consultant:
Indigo Carbon PBC 500 Rutherford Ave. Boston, Massachusetts 02129 Contact: Ryan Pape rpape@indigoag.com	N/A

2.2 Verification Team Contact Information, Including Roles and Responsibilities

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Janice McMahon	President/QA/QC	jmcmahon@asterglobal.com	330-294-1242

2.3 Project Description

Aster Global was contracted by Indigo to conduct the Reserve's annual (RP3) project verification of *Indigo U.S. Project No 1.,* which falls under the Climate Action Reserve Soil Enrichment Protocol (SEP) v1.1 (31 May 2022).

As described in the Monitoring Plan (MP) the primary goal of *Indigo U.S. Project No 1.* is "to promote a range of agricultural management practice changes targeted at increasing soil organic carbon (SOC) storage and reducing net emissions of CO_2, CH_4, and N_2O from grower operations throughout the continental United States." Agricultural management practice changes implemented during this reporting period fell into three practice categories; crop planting and harvesting, tillage and residue management, and nitrogen application with specific practice changes described in greater detail below:

- Crop Planting and Harvesting
  - New cover crop adoption
  - Adding a legume species to existing cover crop
  - Longer duration of cover crops through delayed termination
  - Longer duration of cover crops through earlier planting
  - New crops in rotation

- Tillage and Residue Management
  - Tillage reduction through number of passes
  - Tillage reduction through delayed tilling
  - Tillage change to a lower disturbance class instrument

- Nitrogen Application
  - Nitrogen reduction
  - Change in synthetic nitrogen product with form of N
  - Substitute synthetic N with organic amendments

The project was initiated on 30 March 2018, the earliest start date of a field in the project that made a qualifying practice change. As per the SEP, submitting a project to the Reserve represents and initiation of a commitment to employ practices that will maintain or grow net carbon stocks for the duration of the required commitment period [100 years following the issuance of any Climate Reserve Tonnes (CRTs)].

CAR1459 – Indigo Ag U.S. Project No. 1 is an aggregated project and includes multiple growers with multiple enrolled fields. The project includes 972 growers and a total of 15,766 fields across the U.S. (Alabama, Arkansas, Colorado, Delaware, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia and Wisconsin) encompassing 1,289,360 total acres. Aster Global confirmed the location of fields in the identified locations through review of project geospatial files, satellite imagery, and through use of geotagged photos while conducting virtual site visits.

3 VERIFICATION DETAILS

3.1 Verification Objective

The verification objective included an assessment of compliance with the selected Climate Action Reserve Protocol (SEP, v1.1) and the items outlined in the scope section contributing to the likelihood that implementation of the planned GHG project will result in the GHG emission removal enhancements as stated by the Project Developer (ISO 14064-3:2019).

3.2 Verification Scope

The scope of a verification generally included the GHG project and baseline scenarios; physical infrastructure, activities, technologies and processes of the GHG project; GHG sources, sinks and/or reservoirs; types of GHGs; and time periods covered. The geographic verification scope is defined by the project boundary, which includes aggregated parcels (farms), the carbon reservoir types, management and agricultural activities, soil/geochemical models, farmer records, and contract periods. The scope should define the primary and secondary effects of the GHG assessment boundary by indicating the carbon stock and emission categories as being required or optional per the protocol. The scope of the project is defined as follows for the GHG project:

Baseline Scenario	Continuation of preexisting management practices on the project area (i.e., tilled corn/soybean/wheat/cotton rotation with synthetic fertilizer, grazing, fossil fuel)
Activities/Technologies/ Processes	Switch to management activities covered under the Soil Enrichment Protocol
Sources/Sinks/Reservoirs	SSR1 – Soil Organic Carbon SSR2 – Soil Methanogenesis SSR3 – Fertilizer Use SSR4 – Use of Nitrogen Fixing Species SSR5 – Manure Deposition SSR6 – Enteric Fermentation SSR7 – Fossil Fuel Use SSR8 – Biomass Burning
GHG Type	CO_2, CH_4, N_2O
Time Period (start date, crediting period, verification/reporting period)	Project State Date: 30 March 2018 1st Reporting Period: 30 March 2018 to 31 December 2020

	2nd Reporting Period: 08 May 2018 to 31 December 2021 **3rd Reporting Period: 18 April 2018 to 31 December 2022** Crediting Period: 10 years (renewable up to two times)
Project Boundary	972 Field Managers 1,289,360 acres of 15,766 fields located throughout the United States (Alabama, Arkansas, Colorado, Delaware, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia and Wisconsin) A list of included farms and fields was provided prior to development of the audit plan and updated during the verification process.

3.3 Verification Criteria:

The criteria will follow the guidance documents provided by the Reserve located at https://www.climateactionreserve.org/how/program/program-manual/. These documents include the:

a. Climate Action Reserve Soil Enrichment Protocol, Version 1.1, May 2022
b. Climate Action Reserve Verification Program Manual, February 2021
c. Climate Action Reserve Offset Program Manual, September 2023
d. SEP Additionality Tool v1.0a
e. SEP Parameters v1.0a
f. Requirements and Guidance for Model Calibration, Validation, Uncertainty, and Verification for Soil Enrichment Projects v1.1a (April 2022)
g. CAR Written Guidance (updated 12 October 2023)

3.4 Verification Level of Assurance

The level of assurance was used to determine the depth of detail that the Verification team placed in the Verification and Sampling Plan to determine if there are any errors, omissions, or misrepresentations (ISO 14064-3:2019 6.1.2.2). Aster Global assessed the Verification scope to provide *reasonable assurance* as defined by Reserve to meet the project level requirements of the Soil Enrichment Protocol.

3.5 Verification Materiality Threshold:

Materiality is a concept that errors, omissions and misrepresentations could affect the GHG reduction assertion and influence the intended users (ISO 14064-3:2019). Based on the Reserve's verification manual, verification bodies must form a view on the materiality of all identified issues, errors, or uncertainties. Aster Global classified each issue as material (significant) or immaterial (insignificant). All GHG emission removals submitted to the Reserve must be free from material misstatements or discrepancies.

Quantitative materiality threshold as defined by the Reserve:

- Projects registering 25,000 CRTs or less (expressed in terms of CO_2e) annually shall achieve greater than +95% accuracy level (less than 5% error) relative to the verification body's calculated emission reductions
- Projects registering greater than 25,000 CRTs but less than or equal to 100,000 CRTs (expressed in terms of CO_2e) annually shall achieve greater than +97% accuracy level (less than 3% error) relative to the verification body's calculated emission reductions
- Projects registering more than 100,000 CRTs (expressed in terms of CO_2e) annually shall achieve greater than +99% accuracy level (less than 1% error) relative to the verification body's calculated emission reductions.

As the verified CRTs are greater than 25,000 but less than 100,000 annually, the materiality threshold for this project was 3%.

Qualitative materiality threshold as defined by Reserve:
"Any non-conformance related to a prescriptive requirement outlined the protocol would be considered material and must be corrected in order for the project to receive a positive Verification Statement. A prescriptive requirement relates to any specific guidance or requirement mandated by the protocol itself that does not allow for deviation, or for verifier professional judgment."

Please note additional guidance can be obtained in the Verification Program Manual (update based on new 2021 version).

4 VERIFICATION PROCESS

Our verification process closely followed the Climate Action Reserve Program Manual, Climate Action Reserve Verification Program Manual, Climate Action Reserve Soil Enrichment Protocol, ISO 14064-3:2019, ISO 14065:2020 and ISO/IEC 17029, and Aster Global's Management System and Management System Manual.

4.1 Desktop Assessment

Desktop Review Items:
The desktop review included a review of:

- Emission sources, sinks and reservoirs, pertinent to activities taking place on the field
- GHG management systems and estimation methodologies
- Verifying emissions reduction estimates
    - Confirm 3rd party model expert's approval and procedures
    - Confirm reasonableness of data
    - Calculation checks
- More specifically, all pertinent items included in Tables 8.1, 8.2 and 8.3 of the Protocol.

Aster Global received and reviewed the submittals to the Reserve to assess conformance with the requirements of the Reserve's SEP V1.1. Key factors that impacted the reported emissions reductions were identified, and an Audit Plan was created to focus on the critical elements presenting potential risk for errors in reported data. These elements included:

- Appropriate and adequate documentation of project type.
- Implementation of appropriate and adequate eligibility criteria, by reviewing documentation and field conditions relevant to additionality, voluntary implementation attestation, project start date, crediting period, minimum time commitment, implementation agreement, contracts, project location, and regulatory compliance.
- Completeness and accuracy of the *Indigo U.S. Project No. 1*. Monitoring Plan and Monitoring Report 3.
- Implementation of appropriate and adequate approach/tools for additionality (legal requirements test and performance test) by reviewing documentation and field conditions which reflect the most-likely without-project scenario, as it deviates from the with-project scenario.
- Implementation of appropriate and adequate approach to project boundary/project area definitions, by reviewing documentation of project boundaries and ownership status, and field conditions relative to clearly delineated ownership extents and control over management activities within the project area.
- Implementation of appropriate and adequate approach to GHG assessment boundary for SEP projects [i.e., define all sources, sinks and reservoirs that must be accounted for in quantifying project's reductions and removals (Table 4.1 of the SEP V1.1)].
- Implementation of appropriate and adequate approach to the quantification methodology.
- Appropriate and adequate approach for quantifying and modeling net GHG reductions and removals (baseline/actual onsite carbon, project's primary and secondary effects, total GHG reductions/removals) confirmed through documentation, re-calculations/sampling, and field condition assessment.
- Appropriate and adequate monitoring of onsite carbon, by confirming the application of approved/acceptable monitoring practices in the field, and the appropriate handling and analysis of field data once collected.
- Appropriate and adequate approach to data and parameters (SEP Table 6.4), by reviewing data handling practices, and reviewing documentation at each step of the data analysis procedure.
- Implementation and adherence to project-level principles by reviewing documentation and discussing the application of project-level principles with core staff.

Desktop Field Manager Selection:

Field managers were selected for desktop verification at random, as described in section 8.4.1 of the SEP, using a random number generator. The number of field managers selected was one half the square root of the total number of managers for a total of 16 managers selected for desktop verification.

The field managers selected for desktop review are listed below:

Farmer ID Number	Review Type	State

b68jBO	desktop	Minnesota
eERMjv	desktop	Illinois
dR6VDw	desktop	Virginia
epYPG2	desktop	Nebraska
bkRvZr	desktop	Arkansas
e5yr3R	desktop	Illinois
bW62Dv	desktop	Mississippi
dPN8Jw	desktop	South Dakota
dR6x5K	desktop	Minnesota
bo2llB	desktop	Kansas
aM8k23	desktop	Indiana
eVO9NX	desktop	South Dakota
bkRzn6	desktop	Mississippi
egJPA3	desktop	Nebraska
aOYm6Y	desktop	Iowa
e9rm68	desktop	Indiana

Please see Appendix A for a listing of all documents Aster Global received and reviewed during project verification.

4.2 Site Visit

Virtual site visits for this reporting period were requested and approved by the Reserve. Prior to the virtual site visits, the verification team conducted a desk review of project documents, which included the Monitoring Plan/Report, the Reserve listing/submittal documents, and supporting project documentation/reports. Aster Global found the documentation submitted by Indigo to be adequate to proceed with the virtual site visits.

Following the initial desk review, Aster Global conducted virtual site visits with the selected field managers of the project area from 15 August 2023 – 19 September 2023 and two virtual soil sampling demonstrations were conducted on 26 October and 09 November 2023.. The virtual site visits were used to review project records with a representative of Indigo and virtually visit random portions of the ownership for reconnaissance to ground-truth the assertions of the Monitoring Plan/Report and submitted data.

Field managers were selected for virtual site visits via a risk-based approach. Farm fields were ranked by emissions reductions and those farms with the greatest reductions were chosen for a site visit. The number of field managers selected was ½ the square root of the number of field managers in the project, based on the formula provided in SEP Section 8.4, for a total of 16 field managers. Upon completion of the initially selected 16 field manager virtual site visits, the verification team elected to conduct one additional virtual site visit, bringing the total number of field managers to 17. The selected field managers were not selected for a site visit in the previous verification.

Farmer ID Number	State	Review Type
dL9NAw	Iowa	Virtual Site Visit
bqxw2k	Oklahoma	Virtual Site Visit
axkQEB	Kentucky	Virtual Site Visit
azpgGy	Iowa	Virtual Site Visit
erkjO2	Mississippi	Virtual Site Visit
en52LW	Iowa	Virtual Site Visit
eZ6A5R	Iowa	Virtual Site Visit
dNkgQ2	Missouri	Virtual Site Visit
bo240N	Illinois	Virtual Site Visit
bkRvzN	Ohio	Virtual Site Visit
eERLMl	Iowa	Virtual Site Visit
axkgXz	Ohio	Virtual Site Visit
dPNEXA	Oklahoma	Virtual Site Visit
azpJLr	Illinois	Virtual Site Visit
dNk6Zm	Iowa	Virtual Site Visit
bqxnj2	Texas	Virtual Site Visit
dR6vLv	Iowa	Virtual Site Visit

Virtual Site Visit Activities:
The following items were reviewed during onsite visits:

- Confirmation of project activities
- Interviews with field managers
- Review of farm records/record keeping system
- Observation of implementation of soil sampling protocols

4.3 Quantitative Review

Aster Global conducted an intensive review of all input data, parameters, formulas, connections, conversions, statistics and resulting uncertainties and output data to ensure consistency with the Reserve's SEP V1.1. Please refer to Section 5.2 (*Quantifying Net GHG Reductions and Removals*) for specific information about the quantitative review.

4.4 Meetings/Interviews

During the course of the project verification, Aster Global and Indigo held multiple meetings. All other correspondence occurred via email and Microsoft Teams. The details of the meetings are briefly described in the table below:

Date	Attendees	Topics Discussed
20 July 2023	Max DuBuisson (Indigo), Ryan Pape (Indigo), Sarah Nick (Indigo), Richard Scharf	Overall Verification Opening Meeting • Agenda Items: review of Audit Plan to ensure complete understanding of all aspects; review of any questions regarding Audit Plan, and

	(AG), Matt Campbell (AG), Molly Shick (AG)	discussion of any revisions required; review of travel logistics associated with site visits; timeframes for project completion, including significant deadlines; and general feedback on process.
01 August 2022	Ryan Pape (Indigo), Matt Campbell (AG), Molly Shick (AG)	Virtual Site Visit Meeting • Review of virtual site visit expectations • Discussion of virtual site visit goals • Review schedule for the site visits
01 September 2022	Ryan Pape (Indigo), Matt Campbell (AG), Molly Shick (AG)	Virtual Site Visit Meeting 2 • Review of site visit timelines • Review of alternate scenarios • Confirm schedule
15 August 2023	Field Manager 1, Max DuBuisson (Indigo), Ryan Pape (Indigo), Whitney Nash (Indigo), Jacob Linneman (Indigo field rep), Matt Campbell (AG), Molly Shick (AG), Richard Scharf (AG)	Field Manager 1 Interview • Discussion of practice change • Discussion of record-keeping • Description of farm operation • Field Review
15 August 2023	Field Manager 2, Max DuBuisson (Indigo), Ryan Pape (Indigo), Whitney Nash (Indigo), Jacob Linneman (Indigo), Matt Campbell (AG), Molly Shick (AG), Richard Scharf (AG)	Field Manager 2 Interview • Discussion of practice change • Discussion of record-keeping • Description of farm operation • Field Review
17 August 2023	Field Manger 3, Ryan Pape (Indigo), Whitney Nash (Indigo), Bryan Randall (Indigo), Molly Shick (AG), Richard Scharf (AG), Yadav Sapkota (AG)	Field Manager 3 Interview • Discussion of practice change • Discussion of record-keeping • Description of farm operation • Field Review
21 August 2023	Field Manager 4, Max DuBuisson Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Adam Sibbel (Indigo), Molly Shick (AG)	Field Manager 4 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
21 August 2023	Field Manager 5, Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Jacob Linneman (Indigo), Molly Shick (AG)	Field Manager 5 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review

22 August 2023	Field Manager 6, Ryan Pape (Indigo), Russell Booth (Indigo), Molly Shick (AG	Field Manager 6 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
23 August 2023	Field Manager 7, Max DuBuisson (Indigo), Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Matt Powe (Indigo), Molly Shick (AG)	Field Manger 7 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
24 August 2023	Field Manager 8, Ryan Pape (Indigo), Whitney Nash (Indigo), Bryan Randall (Indigo), Molly Shick (AG), Matt Campbell (AG)	Field Manager 8 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
25 August 2023	Field Manager 9, Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Adam Sibbel (Indigo), Molly Shick (AG), Yadav Sapkota (AG)	Field Manager 9 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
28 August 2023	Field Manager 10, Ryan Pape (Indigo), Russell Booth (Indigo), Molly Shick (AG), Yadav Sapkota (AG)	Field Manger 10 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
29 August 2023	Field Manger 11, Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Bryan Randall (Indigo), Molly Shick (AG)	Field Manger 11 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
30 August 2023	Field Manager 12, Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Adam Sibbel (Indigo), Molly Shick (AG), Yadav Sapkota (AG	Field Manger 12 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
30 August 2023	Field Manger 13, Ryan Pape (Indigo), Whitney Nash (Indigo), Matt Powe (Indigo), Molly Shick (AG)	Field Manger 13 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation

31 August 2023	Field Manger 14, Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Russell Booth (Indigo), Molly Shick (AG), Yadav Sapkota (AG)	Field Manger 14 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
01 September 2023	Field Manager 15, Ryan Pape (Indigo), Adam Sibbel (Indigo), Molly Shick (AG)	Field Manger 15 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
06 September 2023	Field Manager 16, Ryan Pape (Indigo), Adam Sibbel (Indigo), Molly Shick (AG), Yadav Sapkota (AG)	Field Manger 16 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
19 September 2023	Field Manager 17, Ryan Pape (Indigo), Charlotte Blumenthal (Indigo), Adam Sibbel (Indigo), Molly Shick (AG)	Field Manger 17 Interview • Discussion of practice change • Discussion of record keeping • Description of farm operation • Field Review
21 September 2023	Ryan Pape (Indigo), Jeff Kent (Indigo), Charlie Brummitt (Indigo), Curt McConnel (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Matt Campbell (AG), Molly Shick (AG), Yadav Sapkota (AG)	Quantification Meeting Walkthrough • Discussion of changes in quantification approaches from previous reporting period • Walkthrough of grazing events, fossil fuel accounting, leakage, and classification of fields
26 October 2023	Ryan Pape (Indigo), Whitney Nash (Indigo), Kevin Spence, Graeme Baird, Tiffany Harville, sampling team, Richard, Scharf (AG), Molly Shick (AG), Yadav Sapkota (AG)	Field demonstration of soil sampling SOP and associated discussions with Indigo's soil sampling contractors.
06 November 2023	Max DuBuisson (Indigo) Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Matt Hilbert (Indigo), Matt Campbell (AG), Molly Shick (AG)	Round 1 Findings Meeting • Discussion of Round 1 Findings

09 November 2023	Ryan Pape (Indigo), Kevin Spence (Indigo), Bryan Randall (Indigo), Whitney Nash (Indigo), Molly Shick (AG), Richard Scharf (AG), Yadav Sapkota (AG)	Field demonstration of soil sampling SOP and associated discussions with Indigo's soil sampling contractors.
14 December 2023	Max DuBuisson (Indigo), Ryan Pape (Indigo), Whitney Nash (Indigo), Charlotte Blumenthal (Indigo), Charlie Brummitt (Indigo), Matt Campbell (AG)	Round 2 Findings Meeting • Discussion of Round 2 Findings
17 January 2024	Max DuBuisson (Indigo), Ryan Pape (Indigo), Matt Campbell (AG), Molly Shick (AG), Janice McMahon(AG)	Verification Closing Meeting

4.5 Verification Milestones

The following table documents the main verification activities that occurred during the project verification process:

Project/Verification Activity	Date
Aster Global Internal Conflict of Interest (COI) process completed and approved (no issues). Indigo Notification.	27 June 2023
Reserve approval of NOVA/COI	30 June 2023
Opening meeting with Indigo	20 July 2023
Receipt of Signed Audit Plan from Indigo	21 July 2023
Virtual Site Visit Activities commence	14 August 2023
Delivery of Round 1 NCRs to Indigo	19 October 2023
Conclusion of Virtual Site Visit Activities	26 October 2023
Project Developer provided Aster Global with responses and updated materials	06 November 2023
Aster Global completed Round 2 review of Project Developer responses	04 December 2023
Project Developer provided Aster Global with responses and updated materials	13 December 2023
Aster Global completed Round 3 review of Project Developer responses	21 December 2023
Project Developer provided Aster Global with responses and updated materials	03 January 2024
Aster Global completed Round 4 review of Project Developer responses and closes all remaining findings.	09 January 2024
Draft report and project information sent to Senior Independent Reviewer	11 January 2024
Draft verification report submitted to Indigo for review	12 January 2024
Closing Meeting with Indigo	17 January 2024
Aster Global uploaded final report and files to Reserve website	17 January 2024
Reserve Review	January – February 2024
Aster Global uploaded final report and files to Reserve website	14 February 2024

5 CLIMATE ACTION RESERVE SOIL ENRICHMENT PROTCOL (SEP) VERIFICATION REQUIREMENTS

5.1 Project Eligibility and CRT Issuance

5.1.1 Soil Enrichment Project Criteria

The Indigo U.S. Project No. 1 meets the criteria for a soil enrichment project identified in the SEP. The project utilized Indigo's Carbon by Indigo user interface (UI) platform, a web platform utilized for on-going communication and reporting with enrolled farmers, to ensure that all fields included in the project were cropland or grassland at the project start date, did not include histosols or tile drainage, and that the implementation of project activities will not involve a decrease in woody perennials in each identified field. Field boundaries are stated to be clearly delineated and were determined to be continuous through the Project Developer's boundary review. The verification team substantiated the identified criteria were met during through receipt of geo-tagged photos during the virtual site visits and through a GIS review of selected field boundaries provided by Indigo.

5.1.2 Project Area and Aggregated Project Requirements

Section 2.2.2 of the SEP sets out various criteria to define the project area. The Project provided relevant shape files and associated records confirming the Project meets the criteria. The verification team reviewed these records and concluded the project area requirements were met. Further, the verification team reviewed geo-tagged photos during the virtual site visit and found no discrepancies with the reported records.

Additionally, the Project demonstrated it meets the Reserve criteria for fields entering an aggregated project and also for transferring fields between projects. The verification team confirmed the Project utilized an acceptable method for fields joining the aggregated project and CRTs were appropriately accounted for a given field for the duration of the eligible crediting period.

The Project has ensured that all fields receiving transfers will satisfy all eligibility requirements of the newest protocol version in use amongst all fields prior to transfer. Future monitoring and record keeping will ensure this process has been met.

5.1.3 Project Ownership

Indigo Carbon, PBC signed the Reserve's Attestation of Title form, thereby affirming that they have an exclusive ownership claim to the GHG reductions and removals achieved by *Indigo U.S. Project No. 1.* Aster Global confirmed the Attestation of Title was signed on 18 July 2023. In addition, Aster Global reviewed/confirmed the contracts between Indigo (Project Owner) and participating growers explicitly convey title to the GHG reduction rights related to relevant fields.

5.1.4 Non-GHG Impacts

The Project has committed to monitoring yield reductions and livestock displacement leading to leakage over the Project lifetime to ensure it does not cause undermine progress on the environment offsite. The verification team is reasonably assured the Project's monitoring efforts will capture and address any potential leakage-related impacts.

The project activities, including reduced tillage, reduced nitrogen applications, use of cover crops and other regenerative agricultural practices, are far more likely to benefit the local and regional environments through reduced water pollution, particulate matter in the air, reduced flooding, sediment and an improvement in soil health.

5.1.5 Project Start Date

The Project start date is 30 March 2018, which is the earliest start date for any field in the Project. Start dates are usually the day after the harvest of the previous cash crop and would fall in autumn for most fields. This field (NCAGfgOrCd8) had a prolonged fallow period of 9 months, so the start date marks the day planting operations began. The Project start date was confirmed at the initial verification. While this field was not included in this Reporting Period, the verification team confirmed the field has the earliest start date using records compiled by the Project Developer.

5.1.6 Monitoring Report

The Project has completed and submitted a Monitoring Report in line with Reserve requirements. Refer to Section 5.3 of this report below for additional information and further confirmation of how the Monitoring Plan has been implemented, as documented in the Project's Monitoring Report.

5.1.7 Project Crediting Period

The Project Start Date is 30 March 2018 and the end date for this Reporting Period is 31 December 2022. As such, all fields are still within the 10-year crediting period and there is currently no need for approval from the Reserve for renewals.

5.1.8 Additionality

Performance Standard Test

The project has demonstrated it meets the performance standard test by showing each field has adopted, at the field's start date, one or more changes in pre-existing agricultural management practices reasonably expected to increase SOC storage and/or reduce CO_2, CH_4, and/or N_2O emissions from agricultural activities.

Project activities on fields of selected growers were checked against the most current additionality tool (v.1.0a). Project activities that were not included in The Reserve's additionality tool were analyzed to determine if they are common practice in the location of the field, according to procedures detailed in Indigo's documents *IndigoCarbon_US-1_2022_0018_v1 (July 20th, 2023) - Additional management practice assessment* and *IndigoCarbon_US-1_2022_0026a_v1 (July 20th, 2023) - Constructing the common practice assessment Negative List for Additionality.pdf*. The analysis was reasonable, well documented, and a resulting negative list was accepted by the Reserve *(IndigoCarbon_US-1_2022_0026c_v1 (July 20th, 2023) - Negative List)*. On all fields, a project activity considered additional in the county in which it is located is being implemented.

Legal Requirement Test:

Indigo signed the Attestation of Voluntary Implementation (18 July 2023), which affirmed *Indigo U.S. Project No. 1* was established and implemented voluntarily and continues to operate as such. Further, the verification team reviewed a relevant list of laws and confirms no laws exist that

mandate the project activity. The Project requires each grower to sign an internal attestation that requires the grower to notify the project developer if any activity becomes legally required. This mechanism will ensure the project passes the legal requirement test at all times.

The verification team confirmed a schedule of activities for data collection in the baseline scenario has been provided by the Project Developer and will be collected in accordance with the Reserve's guidance from Section 6.1 of the SEP.

5.1.9 Requirements for Permanence

This requirement states that GHGs must be permanently reduced or removed from the atmosphere to be credited as carbon offsets. For Soil Enrichment Projects, this requirement is met by ensuring that the carbon associated with credited GHG reductions and removals remains stored for at least 100 years.

As the Project is not implementing Tonne-Year Accounting, the Project Owner ensures the permanence of GHG reductions and removals from the Project through several mechanisms:

1. The Project Owner understands and has agreed to monitor for potential reversals in soil organic carbon, submit regular monitoring reports, and submit to regular third-party verification of those reports along with periodic verification site visits (as detailed in Sections 6 through 8 of the SEP) for the duration of the project life.

2. The Project Owner has **NOT YET** signed a Project Implementation Agreement (PIA) with the Reserve (as described in Section 3.5 of the SEP), which obligates Project Owners to retire CRTs to compensate for reversals of GHG reductions and removals. The Project Owner has received written guidance from the Reserve that the PIA does not need to be signed until this verification report has been submitted. The verification team will ensure the PIA is appropriately signed prior to registration of credits.

3. The Project Owner understands that a percentage (14.5%) of their issued CRTs will be reserved for a Buffer Pool to provide insurance against reversals of GHG reductions and removals due to unavoidable causes.

4. In addition to the official mechanisms described above, the Project Owner has attested to employing additional mechanisms to ensure permanence and will seek approval from the Reserve for the employment of all future mechanisms.

5.1.10 Regulatory Compliance

Indigo signed the Attestation of Regulatory Compliance (18 July 2023), thereby affirming the project's compliance status throughout the project reporting period. The MP states that the Project Owner will disclose in writing to the verifiers any and all instances of legal violations. During this reporting period, the verification team was not informed of any legal violations.

During the virtual site visits and desk review verification activities, Aster Global sought to confirm that the Project is in compliance with all laws related to the scope of the Soil Enrichment project under the Reserve's SEP.

The Project Owner ensures the regulatory compliance of all participating growers through review of grower entered data. Additionally, growers must sign a contract for participation in the project which includes an attestation that growers must be in compliance with all applicable federal, state and local laws.

The verification team's own risk-based review of federal and state environmental laws pertaining to agricultural practices found federal regulations regarding waste disposal and welfare standards for animal operations and aquaculture, handling, and use of pesticides, biosolids application, hazardous substances and toxic emissions. State regulations tend to concentrate on safety and health concerns of workers and farm animals, including regulating the use of pesticides and minimal standards for transportation and animal welfare. Some states require landowners to employ wind erosion control measures so eroded soil materials do not become a nuisance or health hazard.

No regulations requiring or barring farm management activities that would be expected to increase SOC accumulation or reduce GHG emissions were found.

5.2 Quantification of Net GHG Reductions and Removals

5.2.1 GHG Assessment Area

The verification team reviewed Table 4.1 of the MP and determined all SSRs identified in the SEP are appropriately accounted for. Table 4.1 of the MP provides appropriate justifications for inclusion/exclusion of the identified SSRs in the project boundary for this reporting period.

Both published literature and three expert testimonials provided by the project developer support the conclusion that CH_4 emissions from project soils are de minimis. The three subject area experts are Dr. Ankur Desai of the University of Wisconsin Department of Atmospheric and Oceanic Sciences, Dr. Jonathan Sanderman of The Woodwell Climate Research Center and Eric Toensmeier of Perennial Solutions. These experts stated CH_4 emissions from upland soils are negligible, at worst, and upland soils are known to serve as sinks, not sources of CH_4.

The verifiers found no wetland soils were mapped in the fields chosen for review. In addition, several papers supporting these experts regarding CH_4 emissions, or the lack of them, from upland soils were provided, which are listed in the document *IndigoCarbon_US-1_2021_0010_v1 (July 29th, 2022) – De minimis assessments.pdf*). The article by Junjun Wu, et al., describes upland soils as sinks for methane. The article by K.A. Smith, et al, states that only soils with a very high water table were sources of methane, and all other soils were sinks. The verifiers therefore agree that project soils are not a source of methane.

Emissions from fossil fuel were included for this reporting period. Indigo received confirmation from the Reserve to use a modified version of SEP Equation 5.29 in calculation of emission reductions from fossil fuel use. See Section 5.2.8 of this report for more information on the inclusion of fossil fuel emissions in overall project quantification.

Indigo submitted a Request for Project Variance that sought to "utilize a conservative approach to estimate grazing impacts on CO2 emissions from the soil carbon pool, using a combination of approved DayCent-CR modeling, SEP derived default equations, and literature-based estimates. N2O and CH4 emissions will be calculated using the relevant SEP default equations" (*IndigoCarbon_US-1_2022_0067b_v1 (July 20th, 2023) - Grazing Estimation Variance proposal.pdf*).

The Reserve accepted this variance in a Variance Determination on 14 June 2023 (*IndigoCarbon_US-1_2022_0067c_v1 (July 20th, 2023) - Grazing estimation variance determination.pdf*) pursuant to several identified conditions. As a result of the approved variance, emissions from foregone soil organic carbon, manure deposition and enteric fermentation were included in the GHG Assessment Boundary for this reporting period. Please see Sections 5.2.5 and 5.2.8 for further assessment of these SSRs and the verification team's required review of the approved variance.

Aboveground/belowground biomass, dead wood, litter, and wood products were appropriately excluded from the GHG Assessment Boundary, as allowed by the SEP. As such, the final SSRs included in the GHG Assessment Boundary for this reporting period include soil organic carbon, fertilizer use, use of nitrogen fixing species, manure deposition, enteric fermentation, fossil fuel use, and biomass burning.

5.2.2 Aggregation of Baseline Emissions

The verification team confirmed, through review of relevant baseline data, that the baseline scenarios for each field in the project have been appropriately defined in accordance with section 3.4.1.3 of the SEP, with pre-project activities used as the baseline for each field and each field having a baseline period of 3-5 years. The verification team substantiated that the modeling of the baseline was conducted appropriately in line with Section 3.4.1.4 of the SEP and that baseline emissions were appropriately modeled/re-modeled for each reporting period.

5.2.3 Quantification Approach

The verification team reviewed the quantification approach for GHG and GHG sources relevant to the project during this reporting period. The Project Developer quantified SOC emissions for both the baseline and project scenarios appropriately through soil sampling (see Section 5.2.10) and the use of the DayCent-CR biogeochemical model (see Section 5.2.11). The verification team substantiated that the SOC measurements used in calculation of project emission reductions are less than 5 years old and, thus, valid. The Project Developer appropriately utilized SEP default equations and emission factors for calculations of non-reversible emissions reductions in both the baseline and project scenarios.

The Project Developer utilized Python scripts in calculation of multiple aspects pertaining to overall project emissions reductions including SOC (reversible emission reductions), default equations (non-reversible emission reductions), leakage, and uncertainty. The verification team was provided "inputs" to these scripts and the resultant "outputs" of running the script. While the code utilized by the Project Developer was not provided to the verification team in full, several quantification walkthroughs were held in which the Project Developer explained the coded processes of calculating each of the identified aspects and the relevant aggregation processes. With

additional clarification and supplemental documentation from the Project Developer, the verification team independently calculated and confirmed reversible and non-reversible emission reductions, leakage and uncertainty were quantified in line with the SEP. More details regarding quantification of these aspects are included in their respective sections of this report.

Quantification was based on the initial SOC measurements made in 2020 and 2021, as well as additional measurements from this reporting period. The monitoring plan calls for updated SOC measurements at least once every five years, thus this requirement is met. All fields entering the Project during this verification period were randomized (and thus eligible to be sampled) and a subset were elected for sampling.
SEP equations were used to quantify the results of reversible and non-reversible emission reductions, leakage, and uncertainty calculations into total emissions reductions (163,048 tCO_2 equivalents).

5.2.4 Uncertainty Deduction

Utilizing Equation 5.1, relevant equations from Appendix D, and relevant data provided, the verification team independently calculated and confirmed the uncertainty deduction (28.02%) was appropriately calculated and applied in calculation of emissions reductions.

5.2.5 Reversible Emissions Reductions

As noted in Section 5.2.3 of this report, the verification team was not provided with the entire code utilized in the Project Developer's quantification of reversible emission reductions. However, the quantification walkthroughs held by the Project Developer provided the necessary context for the verification team to utilize the documentation and data provided to confirm reversible emissions were appropriately quantified. The verification team independently calculated and confirmed the average change in carbon stocks in the SOC pool for both the baseline and project scenarios for all strata. The verification team confirmed that Equation 5.3 of the SEP was appropriately quantified utilizing the results of the SOC modeling and the appropriate uncertainty deduction (see Section 5.2.4 of this report).

As noted in Section 5.2.1, Indigo received a positive Variance Determination to "utilize a conservative approach to estimate grazing impacts on CO2 emissions from the soil carbon pool, using a combination of approved DayCent-CR modeling, SEP derived default equations, and literature-based estimates." As grazing is currently outside the domain of the approved model calibration/validation report, the logic for the proposed variance was so that Indigo may include fields that include grazing events in their historical baseline and/or project management data.

The Reserve granted this variance pursuant to multiple conditions identified within *IndigoCarbon_US-1_2022_0067c_v1 (July 20th, 2023) - Grazing estimation variance determination.pdf."* The verification team confirmed that Equation 1 identified in the Variance Determination was appropriately applied to calculate CO_2 losses due to grazing activities not included in SOC modeling using a conservative $Frac_{stabilization}$ value. The verification team further confirmed that the conditions contained in the provided Request for Project Variance are reasonable and conservative, and that all other relevant quantification and modeling requirements were met. Manure deposition and enteric fermentation emissions associated with grazing activities are discussed further in Section 5.2.8.

The verification team substantiated that Equation 5.3 of the SEP was appropriately applied to account for forgone SOC associated with the referenced variance. DayCent-CR modelled SOC impacts were appropriately adjusted by subtracting emissions from CO_2 losses due to grazing activities and the uncertainty deduction applied to the resultant values.

As the Project is applying tonne-tonne accounting, the Project Developer appropriately utilized Equation 5.2a of the SEP in calculation of reversible emission reductions. The verification team independently calculated and confirmed that reversible emissions reductions were appropriately quantified for this reporting period (185,365 tCO_2 equivalents).

5.2.6 Buffer Pool Contribution

Table 5.9 of the SEP includes information on calculating the project's cumulative risk of reversals during the reporting period ($Risk_{rev,rp}$). The verification team substantiated that the project owner is a private entity and that the project area is geographically dispersed. As such, the project utilizes the appropriate $Risk_{rev,rp}$ value (0.145) in its calculation of total contributions to the buffer pool for the reporting period. The verification team substantiated that the total reversible emission reductions were appropriately quantified in Section 5.2.5 of this report, and utilizing the substantiated $Risk_{rev,rp}$ value, the verification team confirmed that the buffer pool contribution for this reporting period (26,875 tCO_2 equivalents) was appropriately quantified and reported.

5.2.7 Reversals

As described in Section 5.2.5 of this Report, the verification team substantiated that Equation 5.3 of the SEP was appropriately quantified. The verification team confirmed that the solution of the application of Equation 5.3 was positive, indicating that no reversals occurred during this reporting period. As no reversals were detected, application of Equation 5.5 for quantifying reversal amount was not warranted.

5.2.8 Non-Reversible Emissions Reductions

As noted in Section 5.2.7 of this report, no reversals occurred during the reporting period. As described in Section 5.2.1, emissions from soil methanogenesis were appropriately deemed de-minimis. The Project Developer opted to utilize default equations identified in the SEP in quantification of non-reversible emission reductions for fertilizer use, use of nitrogen fixing species, manure deposition, enteric fermentation, biomass burning, and fossil fuel use.

Section 5.2.4 details the approved variance to include fields with grazing activities. As fields included grazing activities, emissions from manure deposition and enteric fermentation were appropriately included for this reporting period and the relevant SEP default equations appropriately applied. Emissions from fossil fuel use were also included during this reporting period. SEP Equation 5.29 utilizes consumption of fossil fuel by equipment type to calculate CO_2 emissions. Indigo received approval from the Reserve to use a modified version of Equation 5.29 that focuses on fossil fuel emissions associated with management activities rather than vehicle types. The verification team confirmed that corresponding fossil fuel use values for management activities were conservative and appropriately sourced. Through walkthroughs and provision of relevant supporting information, the verification team determined that fossil fuel use for

management activities were appropriately mapped to their corresponding fossil fuel use values and that the modified Equation 5.29 was appropriately applied.

As noted in Section 5.2.3 of this report, the verification team was not provided with the entire code utilized in the Project Developer's quantification of non-reversible emission reductions. However, the quantification walkthroughs held by the Project Developer, along with supplemental documentation provided the necessary context for the verification team to utilize the documentation and data provided to confirm non-reversible emissions were appropriately quantified.

Utilizing the described verification activities, the verification team substantiated that the non-reversible emissions reductions for included SSRs (fertilizer use, use of nitrogen fixing species, enteric fermentation, manure deposition, biomass burning, and fossil fuel use) were appropriately quantified using SEP Equation 5.6 for this reporting period (-22,315 tCO_2 equivalents).

5.2.9 Leakage

As noted in previous sections, a variance was approved by the Reserve that allows the inclusion of fields that include grazing in their historical baseline/project scenario. The verification team substantiated that the average grazing days (AGD) for the historical baseline period represented the minimum bound for the value of AGD used when calculating the project scenario. The verification team confirmed that no leakage from livestock displacement occurred during this reporting period.

Leakage from yield reduction of cash crops is assessed in Section 5.5.2 of the MP. According to the MP, farmers report the Actual Production History (APH) for each major crop category. Yield ratios are calculated using the reported APHs and the regional APH values for the identified crops. If this yield ratio declines by more than 5 percentage points, as compared to the average yield ratio for that crop during the historical baseline period, then a leakage deduction will be applied.

The verification team reviewed reported APHs from several fields and determined them to be appropriate. The verification team spot checked several regional APHs used in the quantification of yield ratios and determined they were appropriately sourced and reported. The quantification approach for leakage was explained to the verification team during a quantification walkthrough call with the Project Developer. The verification team utilized the raw data files provided by the Project Developer and Equations 5.30 - 5.33 of the SEP to independently calculate and confirm the leakage deduction from yield reduction of crops (0%) to be applied in calculation of emissions reductions.

5.2.10 Soil Sampling

The soil sampling SOPs were reviewed by the verification team and found to be in line with the requirements found in table 6.2 of the SEP and common standards of soil science. As part of the virtual verification activities, two of the Project Developer's soil sampling contractors demonstrated the soil sampling SOP for bulk density and organic carbon content for the soil

scientist on the verification team. The technician demonstrated the sampling procedures appropriately and was knowledgeable about storage and shipping requirements.

Stratification was based on the time the samples were collected. The verification team confirmed that this is an acceptable means of stratification.

Samples were handled as directed in table 6.2, according to project SOPs. The method of analysis for carbon content was dry combustion. Laboratories used participate in NAPTP and its voluntary performance assessment program.

5.2.11 Biogeochemical Modeling

The biogeochemical model utilized (DayCent-CR version 1.0.2) is an approved model validated for use for the Soil Enrichment Protocol. DayCent-CR version 1.0.2 was calibrated and validated by Indigo Ag, which is also the Project Developer.

The calibration and validation of the model were substantiated to have been properly conducted through review and approval of the model validation report by CAR, approved 3rd party expert reviewer Dr. Michael Dietze of Boston University, and the sensitivity analysis, provided separately in supporting document *IndigoCarbon_US-1_2022_0072_v1 (July 20th, 2023)- Model Sensitivity.pdf.* The analysis of the relative influence of parameters on model results is reasonable.

The verification team substantiated that the report met review and approval requirements in accordance with the rules given in the SEP Model Requirements and Guidance v1.1a, demonstrating the model was successfully calibrated and thus meets the minimum model requirements. 3rd party reviewers who approved the final version of the model validation report provided to the verification team were approved by the Reserve to possesses the necessary qualifications to assess model calibration and validation rules given in the SEP Model Requirements and Guidance v1.1a.

5.3 Monitoring and Reporting Requirements

The verification team reviewed the Project Monitoring Plan (dated 06 November 2023) and determined it is sufficiently rigorous to support the requirements of the SEP and proper operation of the project.

The Project Developer uses remote sensing analysis and self-reporting applications for growers and local/regional staff in monitoring operations. The verification team confirmed that the monitoring to demonstrate type/number of animals grazing on the project and mechanisms to guard against overgrazing is sufficient to satisfy Protocol requirements.

Records from selected growers were supplied to the verifiers by request. These were found to be complete and are retained by the project developer. Data was reviewed for reasonableness along with QA/QC procedures used to flag unusual or unlikely data point outliers. The data and procedures used for QA/QC were reasonable and appear to be able to identify errors.

Properly trained soil technicians sample new instances and will be available for resampling operations. Local and regional staff were interviewed during the site visits and their interactions and conversations with growers were observed. They were knowledgeable and had the skills needed to ensure proper data collection.

The project reporting period, specifically the project start date, aligns with the cultivation cycle of the field that establishes the start date.

6 VERIFICATION FINDINGS

The List of Findings has been compiled and is available under separate cover. The List of Findings is a confidential document between Aster Global (verifiers) and Indigo (Project Developer/Project Owner) and is not publicly available.

After review of all project information, procedures, calculations, supporting documentation and site visit, Aster Global confirms that the *Indigo U.S. Project No. 1* Project Monitoring Plan, dated 06 November 2023 and Monitoring Report 3, dated 05 January 2024 are accurate and consistent with all aforementioned Reserve criteria and requirements. Aster Global confirms all verification activities, including objectives, scope and criteria, level of assurance, and project documentation to be complete and in adherence to the Reserve's Soil Enrichment Protocol v1.1 as documented in this report. Aster Global concludes without any qualifications or limiting conditions that the *Indigo U.S. Project No 1.* meets the requirements of the Reserve.

The GHG assertion provided by Indigo and verified by Aster Global has resulted in the GHG emission reduction or removal of 163,048 equivalents by the project during the verification period/reporting period (18 April 2018 – 31 December 2022).

7 VERIFICATION STATEMENT

This verification statement confirms that Aster Global, Inc., has evaluated the *Indigo U.S. Project No. 1,* its Monitoring Plan, dated 06 November 2023, and Monitoring Report 3, dated 05 January 2024 developed by Indigo, according to the criteria outlined by the Climate Action Reserve, and that this verification statement is consistent with ISO 14064-3:2019 and ISO 14065:2020. The dates of the period evaluated for this verification are (18 April 2018 – 31 December 2022).

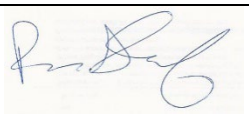
> Aster Global Environmental Solutions confirms all verification activities, including objectives, scope and criteria, level of assurance, monitoring plan, monitoring report, and project implementation of the Monitoring Plan to be complete and in adherence to the Climate Action Reserve Soil Enrichment Protocol, Version 1.1, May 31, 2022, as documented in this verification report for the project entitled *Indigo U.S. Project No. 1* dated 14 February 2024. Aster Global concludes without any qualifications or limiting conditions that the *Indigo U.S. Project No. 1* project is without material discrepancy; the verification activities provide a reasonable level of assurance; the project meets the requirements of Climate Action Reserve. The project produces 163,048 total gross CRTs before the 14.5% buffer withholding applied to the total reversible emissions reductions generated (185,365).

Total cumulative CRTs for the reporting period 18 April 2018 to 31 December 2022 are 136,173 as 26,875 CRTs will be contributed to the buffer pool.

Vintage	Gross Quantity of Emission Reductions Generated	Quantity of Reversible Emissions Reductions Generated	Quantity of Current Offset Credit Vintage to Buffer Pool[1]	Quantity of Offset Credits to Be Deposited to Account[2]
2018	409	391	56	353
2019	2,341	3,093	448	1,893
2020	12,593	13,994	2,029	10,564
2021	51,027	56,294	8,162	42,865
2022	96,678	111,591	16,180	80,498

8 VERIFICATION RESULTS / CONCLUSION

Aster Global confirms all verification activities including objectives, scope and criteria, level of assurance and the PDD to be complete and in adherence to the Climate Action Reserve Verification Program Manual (Feb. 3, 2021), as documented in this report. Aster Global concludes without any qualifications or limiting conditions the *Indigo U.S. Project No. 1* Project Monitoring Plan, dated 06 November 2023 and Monitoring Report 3, dated 05 January 2024 meet the requirements of the Climate Action Reserve Soil Enrichment Protocol, Version 1.1.

Report Submitted to:	Indigo Carbon PBC Climate Action Reserve
Report Submitted by: Aster Global Lead Verifier Name and Signature:	 Richard Scharf Lead Verifier
Senior Internal Reviewer Name and Signature:	 Shawn McMahon Senior Internal Reviewer
Aster Global Regional Technical Manager Name and Signature:	

[1] Contributions to the buffer pool calculated by applying the 14.5% buffer withholding to the reversible emissions reductions generated for each vintage.

[2] Quantity of offset credits to be deposited to account calculated by subtracting the buffer pool contributions from the gross quantity of emission reductions generated for each vintage.

	Janice McMahon President
Date:	14 February 2024

YS/MC/JPM/21047.02_RP3_CAR1459_Indigo_U.S._Project_#1_Ver_Report_Final V2
CAR SP :PF 02/14/2024F

APPENDIX A – Documents Received/Reviewed

During the project verification, Aster Global received and reviewed the following documents provided by Indigo Ag and the Reserve.

Name:	Date Received:	Notes:
1459_RP1 Site Visit Daily Itinerary template.docx	5/23/2023	
21047.02_Indigo_CAR1459_RP3_7-17.zip	7/18/2023	59,027 folders, 114,777 files. Full documentation available upon request.
CAR1459_Monitoring_Report_RP3_v3.0 (July 19th, 2023).pdf	7/19/2023	
CAR1459_Monitoring_Plan_RP3_v3.2 (July 20th, 2023).pdf	7/20/2023	
CAR1459_Monitoring_Report__RP3_v3.2 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_v1 (July 20, 2023) - Initial Supporting Documentation.zip	7/20/2023	
IndigoCarbon_US-1_2022_0001_v1 (July 20th, 2023) - Soil Carbon (30 cm) Sampling.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0002_v1 (July 20th, 2023) - Bulk Density (30 cm) Sampling.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0003_v1 (July 20th, 2023) - pH and Texture Composite (30 cm) Sampling.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0004_v1 (July 20th, 2023) - Field Mapping and Navigation.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0005_v1 (July 20th, 2023) - Field equipment sanitation procedures.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0006_v1 (July 20th, 2023) - Sample Shipment.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0007_v1 (July 20th, 2023) - Soil Sampling Team Qualifications.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009_v1 (July 20th, 2023) - Grower Contracts.pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009a_v1 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009b_v1 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009c_v1 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009d_v1 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009e_v1 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009f_v1 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009g_v1 (July 20th, 2023).pdf	7/20/2023	
IndigoCarbon_US-1_2022_0009h_v1 (July 20th, 2023).pdf	7/20/2023	

IndigoCarbon_US-1_2022_0010_v1 (July 20th, 2023) - De minimis assessments.pdf	7/20/2023
IndigoCarbon_US-1_2022_0011_v1 (July 20th, 2023) - Assignment of Carbon Attribute Rights.pdf	7/20/2023
IndigoCarbon_US-1_2022_0012_v1 (July 20th, 2023) - Attestation of voluntary implementation.pdf	7/20/2023
IndigoCarbon_US-1_2022_0013_v1 (July 20th, 2023) - Attestation Regulatory Compliance.pdf	7/20/2023
IndigoCarbon_US-1_2022_0015_v1 (July 20th, 2023) - Lab soil analysis procedures.pdf	7/20/2023
IndigoCarbon_US-1_2022_0016_v1 (July 20th, 2023) - Cultivation cycle and crop growing seasons definition.pdf	7/20/2023
IndigoCarbon_US-1_2022_0018_v1 (July 20th, 2023) - Additional management practice assessment.pdf	7/20/2023
IndigoCarbon_US-1_2022_0024a_v1 (July 20th, 2023) - How additional management practices were defined.pdf	7/20/2023
IndigoCarbon_US-1_2022_0024b_v1 (July 20th, 2023) - Additional practices literature and model review.xlsx	7/20/2023
IndigoCarbon_US-1_2022_0026a_v1 (July 20th, 2023) - Constructing the common practice assessment Negative List for Additionality.pdf	7/20/2023
IndigoCarbon_US-1_2022_0026b_v1 (July 20th, 2023) - County-level tillage rotation assessment.xlsx	7/20/2023
IndigoCarbon_US-1_2022_0026c_v1 (July 20th, 2023) - Negative List.xlsx	7/20/2023
IndigoCarbon_US-1_2022_0026d_v1 (July 20th, 2023) - CAR approval of county-level tillage rotation assessment.pdf	7/20/2023
IndigoCarbon_US-1_2022_0027_v1 (July 20th, 2023) - Attestation of Title form.docx.pdf	7/20/2023
IndigoCarbon_US-1_2022_0028_v1 (July 20th, 2023) - Project Submittal form.pdf	7/20/2023
IndigoCarbon_US-1_2022_0029_v1 (July 20th, 2023) - Grower Survey Questions.xlsx	7/20/2023
IndigoCarbon_US-1_2022_0030_v1 (July 20th, 2023) - Model input mapping.pdf	7/20/2023
IndigoCarbon_US-1_2022_0031_v1 (July 20th, 2023) - Gapfilling Procedures.pdf	7/20/2023
IndigoCarbon_US-1_2022_0032_v1 (July 20th, 2023) - Grower Data QAQC.pdf	7/20/2023
IndigoCarbon_US-1_2022_0034_v1 (July 20th, 2023) - Boundary review workflow and SOP.pdf	7/20/2023
IndigoCarbon_US-1_2022_0046_v1 (July 20th, 2023) - Soil Metrics Type 1 Validation Report.pdf	7/20/2023
IndigoCarbon_US-1_2022_0048_v1 (July 20th, 2023) - Logic used to construct baseline threads.pdf	7/20/2023
IndigoCarbon_US-1_2022_0049_v1 (July 20th, 2023) Model Provider Documentation.pdf	7/20/2023

IndigoCarbon_US-1_2022_0050_v1 (July 20th, 2023) - Permanence monitoring.pdf	7/20/2023
IndigoCarbon_US-1_2022_0051_v1 (July 20th, 2023) - Results of monitoring for permanence.pdf	7/20/2023
IndigoCarbon_US-1_2022_0054_v1 (July 20th, 2023) - Imputation of bulk density, soil pH, and texture measurements.pdf	7/20/2023
IndigoCarbon_US-1_2022_0055_v1 (July 20th, 2023) - Remote Sensing Model Documentation.pdf	7/20/2023
IndigoCarbon_US-1_2022_0059_v1 (July 20th, 2023) - CAR SDG Reporting Tool.xlsx	7/20/2023
IndigoCarbon_US-1_2022_0060_v1 (July 20th, 2023) - Process to screen soil sampling datasets.pdf	7/20/2023
IndigoCarbon_US-1_2022_0063_v1 (July 20th, 2023) - Details on addressing incomplete soil sampling data.pdf	7/20/2023
IndigoCarbon_US-1_2022_0065_v1 (July 20th, 2023) – Model output post-processing.pdf	7/20/2023
IndigoCarbon_US-1_2022_0066_v1 (July 20th, 2023) - Project Data Flow Diagram.pdf	7/20/2023
IndigoCarbon_US-1_2022_0067b_v1 (July 20th, 2023) - Grazing Estimation Variance proposal.pdf	7/20/2023
IndigoCarbon_US-1_2022_0067c_v1 (July 20th, 2023) - Grazing estimation variance determination.pdf	7/20/2023
IndigoCarbon_US-1_2022_0067d_v1 (July 20th, 2023) - Supporting Documentation to CAR Guidance.zip	7/20/2023
IndigoCarbon_US-1_2022_0068_v1 (July 20th, 2023) - Details on the pre-strata.pdf	7/20/2023
IndigoCarbon_US-1_2022_0069_v1 (July 20th, 2023) - Data sources for data review.pdf	7/20/2023
IndigoCarbon_US-1_2022_0070_v1 (July 20th, 2023) - Running the Model.pdf	7/20/2023
IndigoCarbon_US-1_2022_0071_v1 (July 20th, 2023) - APH Method for Leakage Calculation.pdf	7/20/2023
IndigoCarbon_US-1_2022_0072_v1 (July 20th, 2023)- Model Sensitivity.pdf	7/20/2023
IndigoCarbon_US-1_2022_0073_v1 (July 20th, 2023) - Model preparation.pdf	7/20/2023
IndigoCarbon_US-1_2022_0074_v1 (July 20th, 2023) - Default Equation input mapping.pdf	7/20/2023
IndigoCarbon_US-1_2022_0075_v1 (July 20th, 2023) - Model Output Screening QC and Gap-filling Assessment.pdf	7/20/2023
IndigoCarbon_US-1_2022_0076_v1 (July 20th, 2023) - Alternative fossil fuel accounting proposal.pdf	7/20/2023
21047.02 CAR1459 Indigo RP3 Virtual Site Visit Expectations.pdf	7/20/2023
CAR_proposal_ff_use_estimation_04192023_revised.pdf	7/20/2023
error_compensation_approval_7-7-23.pdf	7/20/2023

FF_approval_4-26-23.pdf	7/20/2023	
field_deferrals_approval_7-11-23.pdf	7/20/2023	
field_deferrals_proposal.pdf	7/20/2023	
N2O_approval_5-8-23.pdf	7/20/2023	
permanence_approval_3-9-23.pdf	7/20/2023	
permanence_proposal_clarification.pdf	7/20/2023	
IndigoCarbon_US-1_2022_DataQAQC_and_Evidence (desktop-selected growers) - July 21st, 2023.zip	7/21/2023	1,684 folders, 1,720 files. Full documentation available upon request.
IndigoCarbon_US-1_2022_DataQAQC_and_Evidence (site visit-selected growers) - July 21st, 2023.zip	7/21/2023	958 folders, 941 files. Full documentation available upon request.
IndigoCarbon_US-1_2022_DataQAQC_and_Evidence (desktop - selected growers) - July 28th, 2023.zip	7/28/2023	1,670 folders, 1692 files. Full documentation available upon request.
IndigoCarbon_US-1_2022_DataQAQC_and_Evidence (site visit-selected growers) - July 28th, 2023.zip	7/28/2023	1,419 folders, 1,352 files. Full documentation available upon request.
21047.02_Walkthrough_RP1.zip	7/31/2023	
21047.02_Walkthrough_RP2.zip	7/31/2023	
Data Pipeline Walkthrough (1459_RP1).pptx	7/31/2023	
Data Pipeline Walkthrough (1459_RP2).pptx	7/31/2023	
Grower Journey Walkthrough -- Sep22.mp4	7/31/2023	
QAQC Walkthrough -- Sep22.mp4	7/31/2023	
Quantification Walkthrough -- Sep21.mp4	7/31/2023	
Quantification Walkthrough (1459_RP2).pptx	7/31/2023	
Data pipeline verification walkthrough - Part 1.mp4	7/31/2023	
audio1812617594.m4a	7/31/2023	
chat.txt	7/31/2023	
recording.conf	7/31/2023	
Data pipeline verification walkthrough - Part 2.mp4	7/31/2023	
audio1174488463.m4a	7/31/2023	
chat.txt	7/31/2023	

recording.conf	7/31/2023
fields_eligibility_and_results.csv	7/31/2023
credits_by_field.csv	7/31/2023
credits_by_field.csv.gz	7/31/2023
credits_issuance.csv	7/31/2023
credits_issuance.csv.gz	7/31/2023
credits_by_year.csv	7/31/2023
credits_by_year.csv.gz	7/31/2023
field_boundary.wkt	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023

sample_data.csv	7/31/2023
event_data.csv	7/31/2023
model_input.csv	7/31/2023
sample_data.csv	7/31/2023
12. 1459_RP3 Virtual Site Visit Itinerary - Evan Schaefer (axkgXz) (1).docx	8/11/2023
13. 1459_RP3 Virtual Site Visit Itinerary - Scott Hajek (dPNEXA) (1).docx	8/11/2023
2. 1459_RP3 Virtual Site Visit Itinerary- David Bachman (bqxw2k).docx	8/11/2023
3. 1459_RP3 Virtual Site Visit Itinerary - Gene Cash (axkQEB).docx	8/11/2023
5. 1459_RP3 Virtual Site Visit Itinerary - Wayne Nichols (erkjO2).docx	8/11/2023
9. 1459_RP3 Virtual Site Visit Itinerary - Adam Smith (bo240N).docx	8/11/2023
field_boundary.wkt	8/11/2023
event_data.csv	8/11/2023
field_boundary.wkt	8/11/2023
event_data.csv	8/11/2023
10. 1459_RP3 Virtual Site Visit Itinerary Isaac Weber (bkRvzN).docx	8/15/2023
20230815_181846000_iOS.MOV	8/15/2023
20230815_184217417_iOS.heic	8/15/2023
6. 1459_RP3 Virtual Site Visit Itinerary - Gary Porter (en52LW).docx	8/15/2023
IMG_1835.jpg	8/15/2023
4. 1459_RP3 Virtual Site Visit Itinerary - Brent Wells (azpgGy).docx	8/16/2023
bqxw2k CC bag tags (example only not project field).jpg	8/16/2023
bqxw2k CC hopper (example only not project field).jpg	8/16/2023
IMG_1835.jpg	8/16/2023
IMG_1836.jpg	8/16/2023
IMG_1837.jpg	8/16/2023
1. 1459_RP3 Virtual Site Visit Itinerary - Doug Studer (dL9NAw).docx	8/17/2023
15. 1459_RP3 Virtual Site Visit Itinerary - Stacy Halfmann (bqxnj2).docx	8/17/2023
ajqAaKC1Oz4.jpg	8/17/2023
bxOs6gD-V0w.jpg	8/17/2023
g7SpY3nDl0o.jpg	8/17/2023
gk4lIoywUxQ.jpg	8/17/2023
gkAMCAREMY8.jpg	8/17/2023
MlLR98xuddA.jpg	8/17/2023
MX1-VkYqhBo.jpg	8/17/2023
xqJznoJ47NQ.jpg	8/17/2023
yNm-8geungA.jpg	8/17/2023
11. 1459_RP3 Virtual Site Visit Itinerary- Garrett Cole (eERLMl).docx	8/18/2023

6. 1459_RP3 Virtual Site Visit Itinerary - Gary Porter (en52LW).docx	8/22/2023
8. 1459_RP3 Virtual Site Visit Itinerary - Ben Voeller(dNkgQ2) (1).docx	8/22/2023
14. 1459_RP3 Virtual Site Visit Itinerary - John Wuellner (azpJLr).docx	8/23/2023
IMG_1837.jpeg	8/23/2023
dNk6Zm_CC receipt.jpeg	8/25/2023
dNk6Zm_N409oZKQFZQ (2).jpeg	8/25/2023
dNk6Zm_N409oZKQFZQ.jpeg	8/25/2023
dNk6Zm_planter.jpeg	8/25/2023
dNk6Zm_tillage.jpeg	8/25/2023
eERLMI_strip till bar.jpeg	8/25/2023
eERLMI_strip till bar_wide.jpeg	8/25/2023
erkjO2_Crump 60.jpg	8/25/2023
erkjO2_Crump north of house (7).jpg	8/25/2023
erkjO2_Crump north of house (8).jpg	8/25/2023
erkjO2_Crump north of house (9).jpg	8/25/2023
erkjO2_Crump north of house.jpg	8/25/2023
erkjO2_Crump south of house (5).jpg	8/25/2023
erkjO2_Crump south of house (6).jpg	8/25/2023
erkjO2_Crump south of house (7).jpg	8/25/2023
erkjO2_Crump south of house (9).jpg	8/25/2023
erkjO2_Crump south of house.jpg	8/25/2023
erkjO2_Dads south of house (2).jpg	8/25/2023
erkjO2_Dads south of house (3).jpg	8/25/2023
erkjO2_Dads south of house.jpg	8/25/2023
erkjO2_East pivot (2).jpg	8/25/2023
erkjO2_East Pivot.jpg	8/25/2023
erkjO2_equipment (2).jpg	8/25/2023
erkjO2_equipment (3).jpg	8/25/2023
erkjO2_equipment.jpg	8/25/2023
erkjO2_Jackson (2).jpg	8/25/2023
erkjO2_Jackson (3).jpg	8/25/2023
erkjO2_Jackson (4).jpg	8/25/2023
erkjO2_Jackson.jpg	8/25/2023
erkjO2_New pivot (2).jpg	8/25/2023
erkjO2_New pivot (3).jpg	8/25/2023
erkjO2_New pivot.jpg	8/25/2023
erkjO2_Row water (2).jpg	8/25/2023
erkjO2_Row water (3).jpg	8/25/2023
erkjO2_Row water.jpg	8/25/2023

erkjO2_sharepoint.csv	8/25/2023	
erkjO2_Todd 100.jpg	8/25/2023	
8. 1459_RP3 Virtual Site Visit Itinerary - Ben Voeller(dNkgQ2) (2).docx	8/28/2023	
CAR1459_RP3_778_20230826002210_8_30.zip	8/30/2023	58,028 folders, 114,778 files. Full documentation available upon request.
azpJLr_8bYJTGGUrma (1).jpg	8/30/2023	
azpJLr_8bYJTGGUrma (2).jpg	8/30/2023	
azpJLr_9NowjCC4IMY (1).jpg	8/30/2023	
azpJLr_9NowjCC4IMY (2).jpg	8/30/2023	
azpJLr_9NowjCC4IMY (3).jpg	8/30/2023	
azpJLr_equipment (1).jpg	8/30/2023	
azpJLr_equipment (2).jpg	8/30/2023	
azpJLr_equipment (3).jpg	8/30/2023	
azpJLr_huTSikR1gDs (1).jpg	8/30/2023	
azpJLr_huTSikR1gDs (2).jpg	8/30/2023	
azpJLr_k11RZdKhvew (1).jpg	8/30/2023	
azpJLr_k11RZdKhvew (2).jpg	8/30/2023	
azpJLr_k11RZdKhvew (3).jpg	8/30/2023	
azpJLr_KpGeSULJkg (1).jpg	8/30/2023	
azpJLr_KpGeSULJkg (2).jpg	8/30/2023	
azpJLr_LmSf-MMSLA (2).jpg	8/30/2023	
azpJLr_LmSf-MMSLA.jpg	8/30/2023	
azpJLr_vcBrJlcuDUQ (1).jpg	8/30/2023	
azpJLr_vcBrJlcuDUQ (2).jpg	8/30/2023	
azpJLrgUrvZCv0Ey0 (1).jpg	8/30/2023	
azpJLrgUrvZCv0Ey0 (2).jpg	8/30/2023	
bkRvzn_aBkFso0ky3U.jpg	8/30/2023	
bkRvzn_drill.jpg	8/30/2023	
bkRvzn_jjl_JeJANvs (2).jpg	8/30/2023	
bkRvzn_jjl_JeJANvs.jpg	8/30/2023	
bkRvzn_rdvd9fbCBJs.jpg	8/30/2023	
bkRvzn_sprayer.jpg	8/30/2023	
bkRvzn_tillage.jpg	8/30/2023	
bkRvzn_XLIF data.csv	8/30/2023	
bqxnj2_ TNfa5-EKu5l(1).jpg	8/30/2023	
bqxnj2_ TNfa5-EKu5l(2).jpg	8/30/2023	

bqxnj2_air seeder (1).jpg	8/30/2023
bqxnj2_air seeder (2).jpg	8/30/2023
bqxnj2_cc seed (1).jpg	8/30/2023
bqxnj2_cc seed (2).jpg	8/30/2023
bqxnj2_cotton picker.jpg	8/30/2023
bqxnj2_i6aP6s65mc4 (1).jpg	8/30/2023
bqxnj2_i6aP6s65mc4 (2).jpg	8/30/2023
bqxnj2_i6aP6s65mc4 (3).jpg	8/30/2023
bqxnj2_planter.jpg	8/30/2023
bqxnj2_xlif data.csv	8/30/2023
dNkgQ2_Cqm5x0AhBla (1).JPG	8/30/2023
dNkgQ2_Cqm5x0AhBla (2).JPG	8/30/2023
dNkgQ2_drill (1).JPG	8/30/2023
dNkgQ2_drill (2).JPG	8/30/2023
dNkgQ2_planter (1).JPG	8/30/2023
dNkgQ2_planter (2).JPG	8/30/2023
dNkgQ2_xlif data.csv	8/30/2023
7. 1459_RP3 Virtual Site Visit Itinerary- Dennis Topf (eZ6A5R).docx	9/5/2023
CAR1459_Monitoring_Plan__RP3_V3.3.pdf	9/8/2023
CAR1459_Monitoring_Report__RP3_V3.3.pdf	9/8/2023
CAR1459_RP3_EVIDENCE_20230913132440.zip	9/13/2023
evidence_summary.csv	9/13/2023
manifest.txt	9/13/2023
azpgGy (2).jpeg	9/13/2023
azpgGy.jpeg	9/13/2023
azpgGy_Brisbois (1).jpeg	9/13/2023
azpgGy_Brisbois (2).jpeg	9/13/2023
azpgGy_David Hogans (2).jpeg	9/13/2023
azpgGy_David Hogans (3).jpeg	9/13/2023
azpgGy_Johns Hogan 80 (1).jpeg	9/13/2023
azpgGy_Johns Hogan 80 (2).jpeg	9/13/2023
azpgGy_Smith 80 (1).jpeg	9/13/2023
azpgGy_Smith 80 (2).jpeg	9/13/2023
azpgGy_xlif data.csv	9/13/2023
IMG_1887.jpeg	9/13/2023
IMG_1890.jpeg	9/13/2023
ez6A5R_ North(1).jpeg	9/13/2023
ez6A5R_ North(2).jpeg	9/13/2023
ez6A5R_Burling (1).jpeg	9/13/2023
ez6A5R_Burling (2).jpeg	9/13/2023
ez6A5R_Camenzind (1).jpeg	9/13/2023

ez6A5R_Camenzind (2).jpeg	9/13/2023
ez6A5R_CC seed.jpeg	9/13/2023
ez6A5R_cover drill.jpeg	9/13/2023
ez6A5R_Craigs Bottom (1).jpeg	9/13/2023
ez6A5R_Craigs Bottom (2).jpeg	9/13/2023
ez6A5R_Foxley (1).jpeg	9/13/2023
ez6A5R_Foxley (2).jpeg	9/13/2023
ez6A5R_Glenns (1).jpeg	9/13/2023
ez6A5R_Glenns (2).jpeg	9/13/2023
ez6A5R_Jans (1).jpeg	9/13/2023
ez6A5R_Jans (2).jpeg	9/13/2023
ez6A5R_N Rons House (1).jpeg	9/13/2023
ez6A5R_N Rons House (2).jpeg	9/13/2023
ez6A5R_North Pasture (1).jpeg	9/13/2023
ez6A5R_North Pasture (2).jpeg	9/13/2023
ez6A5R_Remde South (1).jpeg	9/13/2023
ez6A5R_Remde South (2).jpeg	9/13/2023
ez6A5R_row crop planter.jpeg	9/13/2023
ez6A5R_RR Bottom (1).jpeg	9/13/2023
ez6A5R_RR Bottom (2).jpeg	9/13/2023
ez6A5R_Thompson Pasture (1).jpeg	9/13/2023
ez6A5R_Thompson Pasture (2).jpeg	9/13/2023
ez6A5R_tillage.jpeg	9/13/2023
ez6A5R_Vogt East (1).jpeg	9/13/2023
ez6A5R_Vogt East (2).jpeg	9/13/2023
ez6A5R_Vogt West (1).jpeg	9/13/2023
ez6A5R_Vogt West (2).jpeg	9/13/2023
ez6A5R_Willet (1).jpeg	9/13/2023
ez6A5R_Willet (2).jpeg	9/13/2023
ez6A5R_xlif data.csv	9/13/2023
gapfill_log_create.csv	9/13/2023
gapfill_log_fill.csv	9/13/2023
postgapfill_event_results.csv	9/13/2023
postgapfill_field_results.csv	9/13/2023
pregapfill_event_results.csv	9/13/2023
pregapfill_field_results.csv	9/13/2023
21047.02 RP3 Walkthoughs and Clarifications recording.mp4	9/22/2023
leakage_demo_20230921.pdf	9/22/2023
RP3 Walkthrough and Supporting Data for 9-21.pdf	9/22/2023
dR6vlV_CCseed.jpeg	9/22/2023
dR6vlV_equip.jpeg	9/22/2023

dR6vlV_equipment.jpeg	9/22/2023	
dR6vlV_Leos (1).jpeg	9/22/2023	
dR6vlV_Leos (2).jpeg	9/22/2023	
dR6vlV_North 140 (1).jpeg	9/22/2023	
dR6vlV_North 140 (2).jpeg	9/22/2023	
dR6vlV_South 30 (2).jpeg	9/22/2023	
dR6vlV_South 30 (3).jpeg	9/22/2023	
dr6vlV_xlif data.csv	9/22/2023	
CAR1459_RP3_812_20231011212058.zip	10/12/2023	59,032 folders, 114,785 files. Full documentation available upon request.
CAR1459_Monitoring_Plan_v3.4.pdf	10/13/2023	
CAR1459_Monitoring_Report_v3.4.pdf	10/13/2023	
IndigoCarbon_US-1_2021_0067a - CAR Written Guidance (updated 10-12-23).pdf	10/13/2023	
normalizing_cultivation_cycle_time_periods_approval_10-13-23.pdf	10/13/2023	
wet_and_dry_field_classification_data_approval_10-13-23.pdf	10/13/2023	
21047.02_IndigoRP3_Round_1_Findings_and_Responses.xlsx	11/6/2023	
CAR1459_Monitoring_Plan_2023_v3.5_(6Nov2023).pdf	11/6/2023	
CAR1459_Monitoring_Report_2023_v3.5_(6Nov2023).pdf	11/6/2023	
CAR1459_RP3_844_20231106150708.zip	11/6/2023	59,025 folders, 114,776 files. Full documentation available upon request
RP3 Findings Round 1 Meeting Recording.zip	11/6/2023	
video1250752076.mp4	11/6/2023	
RE_ 21047_02 Conservation program evaluation (1).msg	11/6/2023	
RP3 Walkthrough and Supporting Data for 9-21.pptx	11/6/2023	
IndigoCarbon_US-1_2022_0071_FINAL - Methods for Leakage Calculation.pdf	11/6/2023	
IndigoCarbon_US-1_2022_0075_v2- Model Output Screening QC and Gap-filling Assessment.pdf	11/6/2023	
IndigoCarbon_US-1_2022_0050_v1 (July 20th, 2023) - Permanence monitoring.pdf	11/6/2023	
IndigoCarbon_US-1_2022_0051_v1 (July 20th, 2023) - Results of monitoring for permanence.pdf	11/6/2023	

IndigoCarbon_US-1_2022_0061a_v1_5-Nov-23.pdf	11/6/2023
IndigoCarbon_US-1_2022_0050a_v1 (5 Nov, 2023) - Proposal for Handling Permanence.pdf	11/6/2023
burning_events.pdf	11/6/2023
Example Data Spring 2023.pdf	11/6/2023
PO 3883 (2).pdf	11/6/2023
CAR1459_Monitoring_Plan_2023_v3.5_(6Nov2023).pdf	11/6/2023
IndigoCarbon_US-1_2021_0067a - CAR Written Guidance (RP1).pdf	11/6/2023
Corteva's CY22 Carbon Grower Agreement - b68jBO.pdf	11/6/2023
Corteva's CY22 Carbon Grower Agreement - dPN8Jw.pdf	11/6/2023
Corteva's CY22 Carbon Grower Agreement - epYPG2.pdf	11/6/2023
CAR1459_Monitoring_Plan_2023_v3.5_(6Nov2023).pdf	11/6/2023
IndigoCarbon_US-1_2022_0013_FINAL - Attestation Regulatory Compliance.docx (1).pdf	11/6/2023
methan_emissions_eq5_11b_and_5_13b.pdf	11/6/2023
2019_IPCC_Guidelines_Land_Use_Climate_Regions (1).zip	11/6/2023
field_ID_wet_dry_mapping.csv	11/6/2023
21047.02_IndigoRP3_Findings Responses items 20,26_(Nov,10 2023).zip	11/11/2023
21047.02_IndigoRP3_Round_1_Findings_and_Responses_v1.2_(Nov ,10 2023).xlsx	11/11/2023
fossil_fuel_finding.pdf	11/11/2023
fossil_fuels.py	11/11/2023
practice_change_by_zone_cycle.csv	11/11/2023
RP3 Walkthrough and Supporting Data for 9-21.pptx	11/11/2023
rp3_only_event_level.csv	11/11/2023
Animal Grazing Days Walkthrough.pdf	11/11/2023
grazing_data.csv	11/11/2023
Round 2 Findings Response Pack (12-Dec-2023).zip	12/13/2023
21047.02_IndigoRP3_Round_2_Findings_with_responses.xlsx	12/13/2023
IndigoCarbon_US-1_2022_0005_v2 - Field equipment sanitation procedures.pdf	12/13/2023
IndigoCarbon_US-1_2022_0007_v2- Soil Sampling Team Qualifications (1).pdf	12/13/2023
IndigoCarbon_US-1_2022_0010_v2- De minimis assessments (1).pdf	12/13/2023
IndigoCarbon_US-1_2022_0015_v2 - Lab soil analysis procedures (1).pdf	12/13/2023
IndigoCarbon_US-1_2022_0018_v2- Additional management practice assessment (1).pdf	12/13/2023
IndigoCarbon_US-1_2022_0024a_v2 - How additional management practices were defined (1).pdf	12/13/2023
IndigoCarbon_US-1_2022_0026a_v2 - Constructing the common practice assessment Negative List for Additionality (1).pdf	12/13/2023

IndigoCarbon_US-1_2022_0030_v2 - Model input mapping (1).pdf	12/13/2023
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