U.S. FOREST OFFSET PROJECT DATA REPORT
ANNUAL REPORTING PERIOD – ALL PROJECT TYPES

OPR Staff Use Only	**Date Report Received:**	**OPR Tracking Number:**	**Date Report Reviewed:**	***OPR Staff Use Only***

Complete for all reporting years. *Entities submitting the project's first Offset Project Data Report must submit the information requested in both **Initial Reporting Period** and the **Annual Reporting** forms to the appropriate Offset Project Registry. For every reporting period thereafter, submit only the information requested in the Annual Reporting Period form.*

PART I. ENTITY SUBMITTING REPORT

Is this form being submitted by the Offset Project Operator (OPO) or by the Authorized Project Designee (APD)? *Note: The person completing this form should be an OPO/APD employee.*

☒ **OPO**
☐ **APD**

Date Report Completed:	**Person Completing Report:**	**Phone Number:**	**Email Address:**
09/11/2019	David Montague	207-796-2100	dmontague@downeastlakes.org
Report Version Number: v1.6	**Date Report Submitted:** 09/11/2019		

PART II. OFFSET PROJECT INFORMATION

Offset Project Name:
Finite Carbon - West Grand Lake IFM

OPR Project ID#:	**ARB Project ID#** (if known)**:**	**Offset Project Commencement Date:**
CAR1217	CAFR5317	09/30/2013
Date of Last Full (On-Site) Verification:	**Reporting Period Start Date:**	**Reporting Period End Date:**
12/14/2015	09/30/2017	09/29/2018

Is this report being submitted for a verification year?

☒ **Yes**
☐ **No**

Protocol Version for Project Listing:	**Protocol Version for Project Reporting:**
☐ **October 20, 2011**	☐ **October 20, 2011**
☒ **November 14, 2014**	☒ **November 14, 2014**

Is this Offset Project Data Report (OPDR) being submitted for the project's initial Reporting Period?
If "yes", the entity submitting this report must also submit the information required in section 9.1.1 of the U.S. Forest protocol. To submit that information, an OPO/APD submitting an OPDR may use one of three **Initial Reporting Forms** identified in the question immediately below.

☐ **Yes**
☒ **No**

With this Annual OPDR, is any one of the following three U.S. Forest Offset Project Data Report Initial Reporting Period forms also being submitted?

☐ **Reforestation**
☐ **Improved Forest Management**
☐ **Avoided Conversion**

PART III. OPO/APD INFORMATION

A. OPO

OPO Name:			**OPO's CITSS ID#:**
Downeast Lakes Land Trust			CA 1 4 4 2
Mailing Address: 4 Water Street		**City:** Grand Lake Stream	**State:** ME / **Zip:** 04668
Contact Person: David Montague	**Phone Number:** 207-796-2100	**Email Address:** dmontague@downeastlakes.org	

B. APD (if applicable)

☒ **No APD/Not Applicable**

APD Name:			**APD's CITSS ID#:**
			CA _ _ _ _
Mailing Address:		**City:**	**State:** / **Zip:**

Submit the information in this form to the appropriate Offset Project Registry

Contact Person:	Phone Number:	Email Address:

PART IV. OFFSET PROJECT ELIGIBILITY REQUIREMENTS

A. Have the Forest Project and associated Project Lands met and been in compliance with all local, state, and federal regulatory requirements during the Reporting Period?	☒ **Yes** ☐ **No**
If no, provide an explanation of the non-compliance.	
B. Indicate how the offset project meets the definition of Natural Forest Management per Table 3.2 in the U.S. Forest protocol by completing Questions B1-B4 below: *Note: Reforestation projects with deferred inventory and Project Boundaries are still required to complete Questions B1-B4.*	
1. Native species: **a) Does the project consist of at least 95% native species based on the estimated sum of carbon in the standing live carbon pool?** *If "no," proceed to question 1b. Otherwise, skip to question B2.*	☒ **Yes** ☐ **No**
b) Describe how the project will result in achieving a 95% native species goal over the project life.	
2. Composition of native species: **a) Does the Project Area naturally consist of a mixed species distribution such that no single species' prevalence exceeds the percentage value of standing live carbon shown under the heading 'Species Diversity Index' in the Assessment Area Data File?** *If "no," proceed to questions 2b and 2c. Otherwise skip to question B3.*	☒ **Yes** ☐ **No**
b) Explain how the project will demonstrate a trend toward achieving the Species Diversity Index of native species and meet this requirement within 25 years.	
c) If the Project Area does not naturally consist of a mixed species distribution: Will or have you provided a written statement from the government agency in charge of forestry regulation in the state where the project is located stipulating that the Project site is not capable of meeting the requirement of mixed species distribution.	☐ **Yes** ☐ **No**
3. Distribution of age classes/sustainable management: **a) Indicate how the project meets the requirement for sustainable management if regeneration or commercial harvesting is either planned or initiated within the Project Area demonstrating sustainable long-term harvesting practices. This applies to all forest landholdings of the Forest Owner(s)** (check one of the boxes). *The full text associated for the options below is found in section 3.8.1 of the U.S. Forest protocol.* ☒ **Third party certification** ☐ **Adhere to a renewable long-term management plan** ☐ **Employs uneven-aged silvicultural practices & maintain canopy retention averaging 40% across forest** ☐ **Not applicable, no commercial harvesting in planned within the project area** *The property has been added to the Downeast Lakes Land Trust certificate (RA-FM/COC-002682) viewable at http://info.fsc.org/details.php?id=a0240000005sUR5AAM&type=certificate&return=certificate.php	
b) On a watershed scale up to 10,000 acres (or the Project Area, whichever is smaller), projects must maintain, or make progress toward maintaining, a maximum of 40% of the project's forest lands in ages that are less than 20 years old. (Areas impacted by Significant Disturbance are exempt from this test until 20 years after reforestation of such areas.) Does the acreage within this project meet this requirement? *If "no," proceed to question 3c. Otherwise, skip to question B4.*	☒ **Yes** ☐ **No**
Explain how the project demonstrates continuous progress toward meeting this requirement within the next 25 years.	
4. Structural elements (standing and lying dead wood): **How does the project ensure that structural elements are retained in sufficient quantities throughout the project life?** At the time of the initial project inventory in 2013-2014, the actual onsite carbon for standing dead wood was 0.84 metric tons of carbon per acre (equivalent to 3.52% of standing live carbon). At the end of RP4, carbon in standing wood was 1.04 metric tons of carbon per acre (4.11% of standind live carbon). The Project has an Ecological Forestry Plan, which is a component of the Multi-Resource Management Plan, whose principles are outlined in the West Grand Lake Conservation Easement, which includes guidelines and operational	

objectives to demonstrate progress towards maintaining and increasing structural elements in standing dead wood.
FSC also requires the forest owner to provide adequate habitat for species associated with large and/or decaying trees and dead wood. In accordance with the Ecological Forestry Plan, during all operations all dead snags >12" dbh shall be considered for retention, and those that must be felled for safety reasons will be left in place on the ground. These operations will also avoid damaging existing downed woody material during harvesting, especially large (16"+) logs and stumps. Furthermore they will attempt to leave large (>12" dbh and >6' long) cull logs on site. Culls bucked at the landing will be hauled back to the woods. During uneven-aged harvests all live cavity trees with evidence of advanced decay and signs of use by wildlife shall be considered for retention. The general guideline is four trees per acre >12" DBH, including one >18" DBH. The plan also provides guidance for the consideration of recruitment trees (live pulpwood-quality trees of large diameter (>14" DBH) with evidence of interior defect and decay) to further meet these goals.

C. Has there been a decrease in the standing live carbon stocks within the Project Area over any 10-year consecutive period? *For the Initial Reporting Period, check "No." If "No," skip to Part V. If yes, answer questions C1 and C2.*	☐ **Yes** ☒ **No**
1. If yes, identify the appropriate option and provide additional documentation. ☐ **Decrease is due to the necessity to substantially improve the Project Area's resistance to wildfire, insect, or disease risks. Actions that will be taken to reduce the risks must be documented and the techniques used to improve resistance must be supported by relevant published peer reviewed research.** ☐ **Decrease is associated with a planned balancing of age classes and is detailed in a long-term management plan that demonstrates harvest levels can be permanently sustained over time and that is sanctioned and monitored by a state or federal agency. This documentation must be submitted at the time of the Project's Listing.** ☐ **Decrease is part of normal silviculture cycles for forest ownerships less than 1,000 acres.** *Note: Documentation is required to be submitted. See Section X for details.*	
2. Has the Project's inventory of standing live carbon stocks fallen below the Project's baseline standing live carbon stocks, or 20 percent less than the Project's standing live carbon stocks at the project's initiation (whichever is higher)?	☐ **Yes** ☐ **No**

PART V. PROJECT CHANGES

A. Is all the information in the offset project listing still accurate? *If "Yes," skip to question B.*	☐ **Yes** ☒ **No**
1. Does Part II above report an updated Offset Project Commencement Date, Reporting Period Start Date, and/or Reporting Period End Date?	☐ **Yes** ☒ **No**
2. Does Part III above report updated OPO/APD Information? The OPO has changed since the initial reporting period and there is no longer an APD for the project. Documentation notifying the Climate Action Reserve of the transfer of the property to the Downeast Lakes Land Trust was submitted on July 14, 2016.	☒ **Yes** ☐ **No**
3. Are there updates to the Land Ownership listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* The forest owner has changed from GLS Woodlands LLC to the Downeast Lakes Land Trust.	☒ **Yes** ☐ **No**
4. Are there updates to the Offset Project Area listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* Final Project Area Total Acreage: 19,551.99 Supersection: Maine - New Brunswick Foothills and Lowlands; Assessment Areas: Conifer Bog (676.86 acres), Northern Hardwoods (3,570.38 acres), Pine Forests (311.20 acres), Poplar/Birch (952.03 acres), Spruce-Fir (14,041.52 acres).	☒ **Yes** ☐ **No**
5. Are there updates to the Carbon Stock Inventory listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* While the inventory methodology remains the same there were changes to the carbon stocks resulting from the changes to the project area detailed above.	☒ **Yes** ☐ **No**

These are detailed in Part VII of this document.	
6. Are there updates to the Offset Project Baseline listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* For a detailed description of the baseline model see Appendix A and Attachments G and H.	☒ **Yes** ☐ **No**
7. Are there any other updates to the listing information? *If "Yes," provide updates below (and/or provide as separate attachment):*	☐ **Yes** ☒ **No**
B. Have there been any changes in the status of the Forest Owner including, if applicable per Section 3.8.1 of the U.S. Forest protocol, the acquisition of new forest landholdings?	☐ **Yes** ☒ **No**
If yes, describe the changes. Include the sale or transfer of any portion of land within Project Area.	
C. Optional: Has a Qualified Conservation Easement (QCE) been recorded since the previous Reporting Period? *If this is for the Initial Reporting Period, check "Yes" if a QCE has been recorded since Listing, check "No" otherwise. If "No," skip to Question D.*	☐ **Yes** ☒ **No**
Optional: If yes, provide the date the QCE was recorded. *Also provide a copy of the QCE to ARB.*	
D. Optional: Have there been any modifications to the inventory methodology of any carbon pools included in the project's boundary since the last Reporting Period? *All projects are required to document any modifications to inventory methodologies in a change log and obtain approval in advance. Qualifying Reforestation Projects may defer answering this question until the second full verification. If this is for the Initial Reporting Period, check "No," unless there have been modifications since project listing, in which case, check "Yes."*	☐ **Yes** ☒ **No** ☐ **Defer**
Optional: If yes, describe the modifications.	

PART VI. REVERSALS

Note: Qualifying Reforestation Projects may defer items marked with an asterisk until the second verification.

A. Has a reversal occurred during the Reporting Period covered by this report? *If this is for the Initial Reporting Period, check "No."* *If "No," skip to question B.*		☐ **Yes** ☒ **No**
Has the reversal been classified as intentional or unintentional?		☐ **Intentional** ☐ **Unintentional**
Optional: Date(s) Reversal Occurred:	**Optional:** Estimated Quantity of Reversal in Units of MtCO2e:	
Describe and explain the reversal.		
What is the status of the compensation for the reversal?		
B. For verification years <u>ONLY</u>: Has a reversal occurred during the previous six years? *If this is for the Initial Reporting Period, check "No."*		☐ **Yes** ☒ **No**
Has the reversal been classified as intentional or unintentional?		☐ **Intentional** ☐ **Unintentional**
Optional: Date(s) Reversal Occurred:	**Optional:** Estimated Quantity of Reversal in Units of MtCO2e:	
Describe and explain the reversal.		
What is the status of the compensation for the reversal?		
C. What is the Project's reversal risk rating?	**Risk Rating:** 19.2%	☐ **Defer**
What is the Project's fire risk based on level of fuel treatments?	☐ **High (2%)** ☐ **Medium (2.652%)** ☐ **Low (3.304%)** ☒ **None (4 %)**	

PART VII. HARVEST VOLUMES AND CARBON IN WOOD PRODUCTS

Note: Qualifying Reforestation Projects may defer items marked with an asterisk until the second verification.

A. *Provide an estimate of the harvest volume for this Reporting Period. This estimate refers to the volume of trees harvested for wood products only.	**Harvest Volume (lbs):** 8,009,967	☐ **Defer**
B. *Indicate the estimated mill efficiency for wood products produced from the Project Area following requirements in Appendix C, Section C.2.	**Mill Efficiency (percent):** HW Saw: 0.614 HW Pulp: 0.650 SW Saw: 0.569 SW Pulp: 0.513	☐ **Defer**
C. *Provide an estimate of carbon in harvested wood products associated with the harvest volumes reported for this Reporting Period.	**Carbon estimate (MtCO2e):** 3,328.10	☐ **Defer**

PART VIII. CARBON STOCKS

In the appropriate columns below, enter the name/identification of all required carbon pools and its estimated carbon stock ($MtCO_2e$) for the current Reporting Period.
For verification years ONLY: Report the estimated carbon stock for every year since the Project's last verification.
☐ **Defer**
Reforestation Projects may defer full inventory of carbon stocks not affected by site preparation until second verification. If deferring, carbon stocks affected by site preparation must still be reported below.

Carbon Pool *Identify the pool by the SSR code (e.g., AC-1) and description (Standing live carbon) in Tables 5.1-5.3.* **All other carbon pools not listed below are not applicable to this project and/or reporting period. See Initial Reporting Period OPDR for more information.*	**Current Reporting Period** 09/30/2017 to 09/29/2018	**Current Reporting Period minus 1 year** 09/30/2016 to 09/29/2017	**Current Reporting Period minus 2 years** 09/30/2015 to 09/29/2016	**Current Reporting Period minus 3 years** / to /	**Current Reporting Period minus 4 years** / to /	**Current Reporting Period minus 5 years** / to /
IFM-1 Standing Live	1,801,890.45	1,769,153.76	1,759,993.36			
IFM-3 Standing Dead	74,198.97	69,333.74	64,468.51			
IFM-7 Carbon in in-use forest products	479.90	1,058.45	0.00			
IFM-8 Forest product carbon in landfills	500.02	1,102.82	0.00			
IFM-14 Biological emissions/removals from change in harvesting on forestland outside project area	(6,137.23)	(4,038.75)	(7,851.07)			
IFM-17 Biological emissions from decomposition of forest products	Quantified as a part of IFM-7 and 8	Quantified as a part of IFM-7 and 8	Quantified as a part of IFM-7 and 8			

PART IX. BASELINE CARBON STOCKS

In the appropriate columns below, enter the name/identification of all required carbon pools and its estimated *baseline* carbon stock ($MtCO_2e$) for the current Reporting Period.
For verification years ONLY: Report the estimated baseline carbon stock for every year since the Project's last verification.
☐ **Defer**
Reforestation Projects may defer estimating baseline carbon stocks not affected by site preparation until a full inventory is obtained. If deferring, baseline estimates of carbon stock affected by site preparation must still be reported below.

Carbon Pool *Identify the pool by the SSR code (e.g., AC-1) and description (Standing live carbon) in Tables 5.1-5.3.* **All other carbon pools not listed below are not applicable to this project and/or reporting period. See Initial Reporting Period OPDR for more information.*	**Current Reporting Period** 09/30/2017 to 09/29/2018	**Current Reporting Period minus 1 year** 09/30/2016 to 09/29/2017	**Current Reporting Period minus 2 years** 09/30/2015 to 09/29/2016	**Current Reporting Period minus 3 years** / to /	**Current Reporting Period minus 4 years** / to /	**Current Reporting Period minus 5 years** / to /
IFM-1 Standing Live	1,165,097.44	1,165,097.44	1,165,097.44			
IFM-3 Standing Dead	14,028.27	14,028.27	14,028.27			
IFM-7 Carbon in in-use forest products	2,198.43	2,198.43	2,198.43			
IFM-8 Forest product carbon in landfills	2,290.58	2,290.58	2,290.58			
IFM-17 Biological emissions from decomposition of forest products	Quantified as a part of IFM-7 and 8	Quantified as a part of IFM-7 and 8	Quantified as a part of IFM-7 and 8			

PART X. QUANTIFICATION FACTORS

In the appropriate column below, enter the value for the current Reporting Period.
For verification years ONLY: Report the estimated values for every year since the Project's last verification.
Note: Qualifying Reforestation Projects may defer items marked with an asterisk until the second verification.

	Current Reporting Period 09/30/2017 to 09/29/2018	**Current Reporting Period minus 1 year** 09/30/2016 to 09/29/2017	**Current Reporting Period minus 2 years** 09/30/2015 to 09/29/2016	**Current Reporting Period minus 3 years** / to /	**Current Reporting Period minus 4 years** / to /	**Current Reporting Period minus 5 years** / to /
A. Secondary Effects ($MtCO_2e$)	(6,137.23)	(4,038.75)	(7,851.07)			
B. *Confidence Deduction (%) ☐ **Defer**	0.0%	0.0%	0.0%			
C. *Forest Buffer Account Contribution ($MtCO_2e$) ☐ **Defer**	5,503	1,566	6,869			
D. For Avoided Conversion Projects ONLY: What is the Project's uncertainty discount factor?					%	☐ **N/A**

Submit the information in this form to the appropriate Offset Project Registry

PART XI. TOTAL NET GHG REDUCTIONS AND GHG REMOVAL ENHANCEMENTS (QR_y)

In the appropriate column below, enter the total net GHG Reductions and GHG Removal Enhancements ($MtCO_2e$) for the current Reporting Period and all Reporting Periods since the Project's last full verification.
For verification years ONLY: Report the total net GHG Reductions and GHG Removal Enhancements for every year since the Project's last verification.

Current Reporting Period	Current Reporting Period minus 1 year 09/30/2016 to 09/29/2017	Current Reporting Period minus 2 years 09/30/2015 to 09/29/2016	Current Reporting Period minus 3 years / to /	Current Reporting Period minus 4 years / to /	Current Reporting Period minus 5 years / to /
28,657	8,155	35,772			

PART XII. ATTESTATION AND OPO/APD SIGNATURE

DMM
Initial

I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for

Project Name:
Finite Carbon - West Grand Lake IFM

from	Reporting Period Start Date: **09/30/2017**	to	Reporting Period End Date: **09/29/2018**

are measured in accordance with the Compliance Offset Protocol

Check the appropriate Compliance Offset Protocol:
- ☐ **U.S. Forest Projects, October 20, 2011,**
- ☒ **U.S. Forest Projects, November 14, 2014,**

and all information required to be submitted to ARB is true, accurate, and complete.

In signing this form, I certify under penalty of perjury of the laws of California that the information contained in this form is true, accurate, and complete. I further certify that I am duly authorized to represent and legally bind the Offset Project Operator (OPO) on all matters related to this form.

SIGNATURE: D Montagne	**PRINTED NAME:** David Montagne
TITLE: President + CEO	**DATE:** 9/11/19

Submit the information in this form to the appropriate Offset Project Registry