

U.S. FOREST OFFSET PROJECT DATA REPORT INITIAL REPORTING PERIOD - IMPROVED FOREST MANAGEMENT				
OPR Staff Use Only	Date Report Received:	OPR Tracking Number:	Date Report Reviewed:	OPR Staff Use Only
<i>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 year thereafter, submit only the information requested in the Annual Reporting form.</i>				
PART I. ENTITY SUBMITTING REPORT				
Is this form being submitted by the Offset Project Operator (OPO) or by the Authorized Project Designee (APD)? <i>Note: The person completing this form should be an OPO/APD employee.</i>				<input checked="" type="checkbox"/> OPO <input type="checkbox"/> APD
Name of Person Completing Form: Joe Knott		Organization, if applicable: Compatible Lands Foundation, Inc.		
Date Form Completed: 08 February 2016 02 January 2017 26 January 2017 06 March 2017 19 September 2017 23 October 2017	Phone Number: 703-953-7220	Email Address: jknott@compatiblelands.net		
PART II. OFFSET PROJECT INFORMATION				
Offset Project Name: Camp Shelby Forest Carbon Project		OPR Project ID#: ACR288	ARB Project ID# (if known): CAFR5238	
Offset Project Commencement Date: July 29, 2015	First Reporting Period Start Date: July 29, 2015	First Reporting Period End Date: February 28, 2016		
Provide an explanation and justification for the commencement date. Specify the action(s) that identify the offset project commencement date. Commencement date was the date on which the deed for the final parcel of land included in the project was signed.				
Optional: Provide the nearest town/city to the Project Area:				
PART III. OPO/APD INFORMATION				
A. OPO				
OPO Name: Compatible Lands Foundation, Inc.			OPO's CITSS ID#: CA 1986	
Mailing Address: 1305 East 15th, Suite 202	City: Tulsa	State: OK	Zip: 74120	
Contact Person: Joe Knott	Phone Number: 703-953-7220	Email Address: jknott@compatiblelands.net		
B. APD (if applicable)				<input checked="" type="checkbox"/> No APD/Not Applicable
APD Name:			APD's CITSS ID#: CA _ _ _ _	
Mailing Address:	City:	State:	Zip:	
Contact Person:	Phone Number:	Email Address:		

PART IV. LAND OWNERSHIP

A. Is the Offset Project Operator (OPO) the owner in fee for the Project Area?

Further documentation is required for all projects. Submit as attachment labeled "Attachment A." See Part X of this OPDR document for more information.

If "no," explain how the entity identified as the OPO has the right to undertake and list the project.

☒ Yes
☐ No

B. Optional: List all Forest Owners. This includes owners in fee as well as third parties with existing property interests within the Project Area that affect the trees and standing timber located in the Project Area (e.g. mineral rights, timber rights, easements, rights of way, leases, etc.).

Compatible Lands Foundation, Inc (CLF) is the owner in fee of the surface property and timber rights to all land holdings in the Project Area.

C. Does the offset project occur on public or private lands?

If the project occurs on public lands, proceed to questions C1 and C2. Otherwise, skip to question D. Further documentation is required if project occurs on public lands. Submit copies of documentation demonstrating explicit approval of the project's management activities and baseline, as well as the public vetting process used; attachment should be labeled "Attachment B." See Part X of this document for more information.

☒ Private
☐ Public

1. Describe the public process that was used to evaluate the forest management activities and policy decisions concerning the offset project.

2. Describe the explicit approval process used by the public entity to initiate and maintain this offset project, including the offset project's management activities and baseline.

D. Does the project employ a Qualified Conservation Easement (QCE)?

If employing a QCE, proceed to questions D1, D2, and D3. Otherwise, skip to question E. Supporting documentation for a QCE is required. Submit as attachment labeled "Attachment C." See Part X of this document for more information.

☒ QCE
☐ Public Ownership

1. Date that the QCE was recorded.

The QCE was recorded and notarized on February 5, 2016.

2. Optional: Is the project located in a state that requires third-party beneficiaries to sign the easement (i.e., to "accept and record that acceptance"), such as Arizona, Pennsylvania, or West Virginia?

☐ Yes
☒ No

3. Provide the terms within the easement that affect forest management.

The easement has restrictions for specific types of forest management activities. The forest management restrictions consist of no commercial harvesting of timber by clear-cutting within the protected area with the following exceptions:

- Restrictions shall not apply if the purpose of the management activity is to salvage timber lost as a result of natural disturbances
- Any management operation that is deemed necessary for the purpose of assuring the perpetual protection of the Protected Property

E. Does the offset project occur on any of the following categories of land? (check all that apply)

- ☐ Land that is owned by, or subject to, an ownership of possessory interest of a Tribe
☐ Land that is "Indian lands" of a Tribe as defined by 25 U.S.C. §81(a)(1)
☐ Land that is owned by any person, entity, or Tribe, within the external borders of such Indian lands
☒ None of the above

If "none of the above," skip to Part V. Otherwise, proceed to Optional questions E1 and E2.

Further documentation is required for projects occurring on land listed in the first three categories. Submit supporting documents as attachments labeled "Attachment D." See Part X of this document for more information.

1. Optional: Does a limited waiver of sovereign immunity between ARB and the governing body of the Tribe exist?

☐ Yes
☐ No

2. Optional: Provide a description of land ownership within the Project Area.

PART V. OFFSET PROJECT AREA

Maps depicting specific elements of the Project Area are required for all projects.

Submit supporting documentation as attachments labeled "Attachment E." See Part X of this document for more information.

Latitude of Offset Project Location:
31.09

Longitude of Offset Project Location:
-89.194

Project Area Total Acreage:
928

- A. Identify the assessment area (or assessment areas, if project crosses more than one) that contain Project Area lands and list the acreage of project lands within each assessment area.**
The assessment areas are Gulf Coastal Plain Mixed Hardwoods under which 398 acres exist, Gulf Coastal Plain Longleaf-Slash Pine under which 241 acres exist and Gulf Coastal Plain Loblolly Shortleaf Oak under which 288 acres exist. Assessment areas were determined using a combination of aerial imagery classification as well as on-the-ground knowledge and experience provided by local foresters and other local project personnel.
- B. Identify and describe the governing jurisdiction(s) applicable to the Project Area.**
Applicable governing jurisdictions include Forrest County, Perry County, the state of Mississippi and various federal agencies.
- C. Describe how the Project Area was determined.**
The Project Area was determined as all lands within Forrest and Perry counties in which CLF owns the timber rights. Lands within the Project Area may or may not be forested.
- D. Describe the existing land cover, and land use of the Project Area.**
The project area is 928 acres, 398 acres of which is comprised of Mixed Hardwood species. Other present assessment areas include 241 acres of Longleaf-Slash Pine and 288 acres of Loblolly Shortleaf Oak. All of the project area exists under the Gulf Coastal Plain supersection. The current land use inside the Project Area is commercial timber harvesting along with some leasing activity for hunting clubs.
- E. Describe the forest vegetation types within the Project Area boundary.**
The vegetation types include 1) 398 acres of Gulf Coastal Plain Mixed Hardwood, with species such as Hickory, Post Oak, White Oak, Red Oak, Persimmon, Sweetgum and Yellow Poplar; 2) 241 acres of Gulf Coastal Plain Longleaf-Slash Pine with species including Longleaf Pine, Oak, and Slash Pine; and 3) 288 acres of Gulf Coastal Plain Loblolly Shortleaf Oak with species including Loblolly Pine, Shortleaf Pine, Oak, and Eastern Red Cedar.
- F. Describe the site classes within the Project Area boundary.**
Approximately 133 acres of the project area are considered high site class (classes I-III) while roughly 794 acres are considered low site class (classes IV-VII).
- G. Describe the land pressures and climate zone/classification applicable to the Project Area.**
Land pressures in the region were determined to be conversion to farmland or to tree plantation. Despite the close proximity to pine plantations in the region, these pressures have been effectively minimized through the approval of a qualified conservation easement on all land in the Project Area.

The Project Area is found within the Humid Subtropical climate (Cfa) as defined by the Köppen-Geiger Climate Classification System.
- H. Describe the historical land uses, current zoning, and projected land use within the Project Area and surrounding areas.**
There are three assessment areas within the Project Area. These include 398 acres of Mixed Hardwood species, 241 acres of Longleaf-Slash Pine and 288 acres of Loblolly Shortleaf Oak. The historical land uses have included timber management, natural resource management, real estate development and recreation.

Projected land uses within the Project Area include continuation of forest management for carbon sequestration purposes.

Surrounding areas are largely privately managed forest, rural areas, or national forest (The Project Area borders De Soto National Forest). Projected land uses in the surrounding areas include continued commercial timber harvest, as well as residential development.

There is no current zoning in these tracts.

I. Describe the forest conditions within the Project Area, including species composition, age class distribution, and management history.

The Project Area is dominated by three major vegetation types; Gulf Coastal Plain Mixed Hardwood, Gulf Coastal Plain Longleaf Slash Pine and Gulf Coastal Plain Loblolly Shortleaf Oak. Dominant hardwood species include black gum, sweetbay, water oak, and red maple. Common softwood species include longleaf pine, loblolly pine, and slash pine.

At project commencement, approximately 18% of the property is in age classes less than 20 years.

The primary focus of original ownerships included commercial timber management and real estate development. The management history in the Project Area consisted of even-aged management and some selective harvest activity.

PART VI. OFFSET PROJECT ELIGIBILITY

A. Does the Project Area have a canopy cover that is greater than 10 percent?

Supporting documentation is required. Submit as attachment labeled "Attachment F." See Part X of this document for more information.

☒ Yes
☐ No

B. Optional: Are the associated project lands currently in compliance with all local, state, and federal regulatory requirements?

☒ Yes
☐ No

Optional: If no, provide an explanation of the non-compliance.

C. Does the entity submitting this report declare that the offset project has not and does not employ broadcast fertilization?

☒ Yes
☐ No

D. Indicate how the offset project meets the definition of Natural Forest Management per Table 3.2 in the U.S. Forest protocol:

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? Improved Forest Management Projects are assessed using estimates of basal area per acre.

If "no," proceed to question 1b. Otherwise, skip to question D2.

☒ Yes
☐ No

b) Describe how the project will meet this requirement.

See Inventory Report for demonstration of native species requirement.

2. Composition of native species:

a) Does the Project Area naturally consist of a mixed species distribution where no single species' prevalence, measured as the percent of basal area of all live trees in the Project Area, 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 D3.

☒ 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.

See Inventory Report for demonstration of species diversity requirement.

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 will meet 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). <input checked="" type="checkbox"/> Not applicable; no commercial harvesting is occurring within the Project Area. <input type="checkbox"/> Third party certification under the Forest Stewardship Council, Sustainable Forestry Initiative, or Tree Farm System, whose certification standards require adherence to and verification of harvest levels which can be permanently sustained over time. <input type="checkbox"/> Adherence to a renewable long-term management plan that demonstrates harvest levels which can be permanently sustained over time and that is sanctioned and monitored by a state or federal agency. <input type="checkbox"/> Employ uneven-aged silvicultural practices and maintain canopy retention averaging at least 40% across the forest, as measured on any 20 acres within the entire forestland owned by the Forest Owner, including land within and outside of the Project Area (areas impacted by Significant Disturbance may be excluded from this test).	
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? <i>If "no," proceed to question 3c. Otherwise, skip to question D4.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
c) If the project does not meet the age class requirement at this time, explain how the project intends to demonstrate progress to meet this requirement over time; such that forest lands in ages less than 20 years old are reduced and make up no more than 40% of the Project Area. See Inventory Report for demonstration of age class distribution.	
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? The project will ensure that structural elements are retained in sufficient quantities through the measurement of standing and lying dead wood. Although the project does not currently fulfill the Protocol requirements of maintaining at least 1 tC per acre of standing dead stocks, forest management includes the retention of snags and coarse woody debris so that progress will be made and these goals can be met during the project lifetime.	
E. Describe the management activities that will result in increased carbon stocks in the Project Area, compared to the baseline. The project will increase carbon stocks over time by harvesting less than annual growth, compared to the baseline of harvesting more than growth. The project will harvest less than 50% of biomass of annual growth, on average. Management practices that will lead to increased carbon stocks in the Project Area include thinning from below and grouped or selective harvests. However, no harvesting is currently planned in the Project Area.	
F. Is this project being implemented and conducted as the result of any law, statute, regulation, court order, or other legally binding mandate? If "yes," explain:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Does the offset project take place on land that was part of a previously listed and registered Forest Offset Project? <i>This question is applicable to both voluntary and compliance markets. If "yes" proceed to questions G1 and G2. Otherwise, skip to Part VII.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1. Optional: Was the previous Forest Offset Project terminated due to an Unintentional Reversal?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Optional: Has this project transitioned to the Compliance Offset Protocol U.S. Forest Projects after previously being listed as an early action offset project?	<input type="checkbox"/> Yes <input type="checkbox"/> No
PART VII. CARBON STOCK INVENTORY	

- A. Provide a description of the inventory methodology used to quantify carbon stocks for each required carbon pool in the forest project's offset boundary. The inventory methodology must describe the information required in Appendix A.3 of either the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 or the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014.**

IFM-1 Standing Live: Please see the Field Measurement Protocol and Inventory Report

IFM-3 Standing Dead: Please see the Field Measurement Protocol and Inventory Report

IFM-6 Soil (if applicable): Not applicable

IFM-7 Carbon in in-use forest products: Please see the Inventory Report

IFM-8 Forest product carbon in landfills (if applicable): Please see the Inventory Report

IFM- 9 Biological emissions from site preparation: Not applicable

IFM-14 Biological emissions/removals from change in harvesting on forestland outside project area: Default 20% secondary effects factor applied to difference between actual and baseline carbon harvested.

IFM-17 Biological emissions from decomposition of forest products: Quantified as a component of calculating carbon stored for 100 years in wood products and landfills.

- B. Describe the calculation methodologies used to determine metric tons per acre for each of the carbon pools included in the Offset Project Data Report.**

IFM-1 Standing Live: Please see the Inventory Report

IFM-3 Standing Dead: Please see the Inventory Report

IFM-6 Soil (if applicable): Not applicable

IFM-7 Carbon in in-use forest products: Please see the Inventory Report

IFM-8 Forest product carbon in landfills (if applicable): Please see the Inventory Report

IFM- 9 Biological emissions from site preparation: Not applicable.

IFM-14 Biological emissions/removals from change in harvesting on forestland outside project area: Please see the Inventory Report

IFM-17 Biological emissions from decomposition of forest products: Quantified as a component of calculating carbon stored for 100 years in wood products and landfills.

- C. Provide a summary of the inventory of carbon stocks for each carbon pool (or approach used, if inventory is not applicable).**

IFM-1 Standing Live:

84.43 tCO₂e/ac

IFM-3 Standing Dead:

0.49 tCO₂e/ac

IFM-6 Soil (if applicable):

not applicable

IFM-7 Carbon in in-use forest products:

0 tCO₂e/ac

IFM-8 Forest product carbon in landfills (if applicable):

0 tCO₂e/ac

IFM- 9 Biological emissions from site preparation:

Not applicable

IFM-14 Biological emissions/removals from change in harvesting on forestland outside project area:

-424 tCO₂e

IFM-17 Biological emissions from decomposition of forest products:

0 tCO₂e/ac. No harvesting has occurred in the Project Area.

- D. Provide a summary of inventory confidence statistics.**

The estimated sampling error is 8.87% of the inventory estimate. The sampling error is estimated by first computing the standard error of the estimated mean carbon, multiplying the standard error by the z-value of 1.645 and 100, and then dividing by estimated mean carbon.

- E. Provide the calculation of the offset project's reversal risk rating and contribution to the Forest Buffer Account.**

$1 - ((1-0.01) \times (1-0.00) \times (1-0.00) \times (1-0.00) \times (1-0.02) \times (1-0.04) \times (1-0.03) \times (1-0.03)) = 12.37\%$
= 2,636 tCO₂e

PART VIII. OFFSET PROJECT BASELINE

A. Required for ALL Improved Forest Management Projects	
1. Describe the project's modeling plan, following the requirements and methods in Appendix B, Section B.3 of the U.S. Forest protocol. Please see the Modeling Report	
2. Describe and estimate the project's baseline onsite carbon stocks. Explain any annual changes in baseline carbon stocks over time. <i>A graph of the baseline onsite carbon stocks, labeled "Attachment G," must be portrayed depicting time on the x-axis and metric tons CO₂-e on the y-axis. Include a written characterization describing any annual change in baseline carbon stocks over time. See Part X of this document for more information. A diagram of the baseline incorporating all required carbon stocks, labeled "Attachment H," is also required.</i> Baseline onsite carbon stocks are estimated at 47.19 tCO ₂ e/ac. Annual changes in baseline carbon stocks are the result of considering all legal and financial constraints in the model. Please see the Modeling Report for further information.	
3. Optional: Identify the approved growth model that will be used for the project. The FVS growth model was used for the project.	
4. Harvest Planning	
a. Is harvesting planned in the Project Area? <i>If "yes," proceed to question 4b. Otherwise, skip to question A5.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
b. Optional: Does the project use a harvest schedule model? <i>If "yes," proceed to question 4c. Otherwise, skip to question A5.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
c. Optional: Explain how you are addressing age class and stratification as part of your harvest scheduling?	
5. Provide an estimate of carbon that will be stored long-term in harvested wood products in the baseline. 754.54 tCO ₂ e/year	
6. Provide a projection of baseline and actual harvesting volumes from the Project Area over 100 years. <i>A projection may be provided in an attachment, labeled "Attachment I". Include a narrative with a clear explanation of how the OPO/APD arrived at the baseline and actual harvest volumes is determined</i>	
B. Required for Improved Forest Management Projects on Private Lands ONLY	
1. Provide the initial above ground standing live carbon stock (per acre) for the project. 69.94 tCO ₂ e/ac	
2. Provide the Common Practice statistic (per acre) associated with the Project Area. 47.09 tCO ₂ e/ac	
3. Summarize how the Project's initial above-ground standing live carbon stock compares to Common Practice. The initial project stocks are greater than the project's Common Practice value. Are the initial above-ground standing live carbon stocks above or below Common Practice? Initial above-ground standing live carbon stocks are roughly 20 tCO ₂ e/ac higher than Common Practice. If below Common Practice, what is the High Stocking Reference for the Project Area? Describe the Project Area's live tree carbon stocks over the previous 10 years. <i>Further documentation is required if project is below Common Practice. Submit supporting documents as attachments labeled "Attachment J." See Part X of this document for more information. An affidavit must be submitted testifying that the inventory depicted over the past 10 years is reasonably accurate.</i>	<input checked="" type="checkbox"/> Above <input type="checkbox"/> Below
4. Optional: Does the Forest Owner(s) and its affiliate(s) own land in fee or hold timber rights on land outside the Project Area? If "no," skip to question B.5.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Optional: If "yes" does the Protocol require the use of a weighted average carbon stock on lands in the same Logical Management Unit (LMU, as defined in Section 6.2.1.1)? If "no," skip to question B.5.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Optional: If "yes," is inventory data available for the LMU or will the OPO use a stratified vegetation analysis? If "no," skip to question B.5.	<input type="checkbox"/> Data available for LMU <input type="checkbox"/> Stratified Vegetation Analysis
Optional: Identify the Minimum Baseline Level for above-ground standing live carbon stocks for the Project Area: The Minimum Baseline Level for above-ground standing live carbon stocks for the Project Area is 47.09 tCO ₂ e/ac. The Minimum Baseline Level was calculated according to Equation 6.5 of the Protocol which determines that when initial above ground standing live carbon stocks are above Common Practice, the Minimum Baseline Level is set equal to the Common Practice statistic.	

Initial above ground standing live stocks were calculated to be 69.94 tCO₂e/ac which is higher than the Common Practice Statistic of 47.09 tCO₂e/ac, thus the Minimum Baseline Level was identified as equal to the Common Practice Statistic, a value of 47.09 tCO₂e/ac.

- 5. Provide a description of any and all legal constraints affecting forest management activities in the Project Area. Include documentation of legal constraints and a description of each constraint (referring to Section 6.2.1.2); for each constraint provide a narrative that constraint has on forest management.**

Submit supporting documents as attachment labeled "Attachment K". See Part X of this reporting document for more information.

The only legal constraints to forest management in the Project Area are the Best Management Practices (BMPs) for Streamside Management Zones (SMZs) for the state of Mississippi. BMPs require the retention of at least 50% of the original tree canopy cover in areas adjacent to perennial streams. Forest buffers for perennial streams must be 30' - 60' wide on all sides of perennial streams, with percent slope 0% -5% buffered by 30 feet, percent slope 6%-20% buffered by 40 feet, percent slope 21-40% buffered by 50 feet and percent slope over 40% buffered by 60 feet. Adherence to these BMPs is demonstrated by prescribing selective thins to a minimum of 50% canopy cover in SMZ stands neighboring perennial streams.

BMPs also apply to intermittent and perennial wetlands. BMPs require the retention of at least 50% of original tree canopy cover in areas adjacent to intermittent and/or perennial wetlands as well as a minimum buffer of 35' wide on all sides of perennial and intermittent wetlands.

Adherence to these BMPs is demonstrated by prescribing selective thins to a minimum of 50% canopy cover in SMZ stands neighboring intermittent and perennial wetlands.

- 6. Provide a description of the modeling techniques used to simulate the effect of any constraints on carbon stocks.**

The SMZs constraint is modeled by prescribing selective harvests of up to 50% crown cover within the restricted areas, corresponding to slope constraint details and/or waterway type, e.g. perennial stream, perennial wetland or intermittent wetland.

Optional: Provide a description of the modeling techniques used to simulate forest management activities that may affect carbon stocks.

- 7. How does the OPO demonstrate financial feasibility of the growth and harvesting regime assumed for the baseline? (check one of the boxes)**

- ☐ Conducting a financial analysis of the anticipated growth and harvesting regime that captures all relevant costs and returns, taking into consideration all legal, physical, and biological constraints, using regional norms or documented costs and returns for the project area or other properties in the Forest Project's Assessment Area
- ☒ Providing evidence that activities similar to the proposed baseline growth and harvesting regime have taken place on other properties within the Forest Project's Assessment Area within the past 15 years

Supporting documentation is required. Submit as attachment labeled "Attachment L." See Part X of this listing document for more information.

C. Required for Improved Forest Management Projects on Public Lands ONLY

- 1. Provide a projection of future changes to Project Area forest carbon stocks extrapolating from historical trends.**

- 2. Explain how current public policy affects onsite carbon stocks and how the baseline modeling incorporates constraints imposed by all applicable statutes, regulations, policies, plans, and activity-based funding.**

- 3. Have carbon stocks in the Project Area been increasing or declining over the preceding ten-year period?**

☐ Increasing
☐ Declining

PART IX. OTHER OFFSET PROGRAMS

- A. Have any GHG reductions or GHG removal enhancements associated with the Project Lands ever been listed or registered with, or otherwise claimed by, another registry or program, or sold to a third party prior to listing?**

☐ Yes
☒ No

If "yes," identify the registry or program and provide details on the issued credits below.

- B. Have any lands within the Project Area ever been listed or registered with an offset project registry or program in the past?**

☐ Yes
☒ No

If "yes," identify the registry or program and provide details on the issued credits below.

C. Have greenhouse gas emission reductions or removal enhancements associated with lands within the Project Area been credited or claimed for the purpose of greenhouse gas mitigation or reduction goals, whether in a voluntary or regulatory context? <i>If "yes," identify the goal(s) and provide details on the reductions and removal enhancements (under "Number of Credits Issued") below.</i>			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Registry/Program/Goal(s):	Reporting Period(s):	Vintage(s):	Number of Credits Issued:

PART X. ATTACHMENTS

- A. If the answer to Part IV.A is "yes," provide documentation (e.g., deed of trust, title report, etc.) showing the OPO's ownership interest in the property and its interest in the trees and standing timber on the property. If the answer to Part IV.A is "no," provide documentation supporting the explanation of the OPO's right to undertake and list the project.**
- B. If the answer to Part IV.C is "public," provide documentation demonstrating explicit approval of the offset project's management activities and baseline including any public vetting processes necessary to evaluate management and policy decisions concerning the offset project. If the project is a private lands project, mark "N/A" in the box below. The OPO may provide an "Attachment B" page with a "This Page Left Intentionally Blank - Private Lands Project" notation on the page.** ☒ N/A
- C. If a Qualified Conservation Easement (QCE) has been recorded, provide a copy. The information contained in this form and the documents attached to it will be submitted to ARB so submitting a copy of the QCE as an attachment to this document fulfills the requirement in 9.1.1.1(18)(a) of the U.S. Forest protocol to provide ARB with a copy.** ☐ N/A
- D. If the project is located on one of the categories of Tribal land listed in Part IV.E, provide documentation demonstrating that the land within the Project Area is owned by a tribe or private entity. Also provide documentation that demonstrates the existence of a limited waiver of sovereign immunity between ARB and the governing body of the Tribe entered into pursuant to section 95975(I) of the Cap-and-Trade Regulation.** ☒ N/A
- E. Attach map(s) of the Project Area including:**
1. Public and private roads
 2. Towns
 3. Major watercourses (4th order or greater), water bodies, and watersheds
 4. Topography
 5. Townships, ranges, and sections or latitude and longitude
 6. Existing land cover and land use (optional)
 7. Forest vegetation types (optional)
 8. Site classes (optional)
 9. Land pressures and climate zone/classification (optional)
 10. Historical land uses, current zoning, and projected land use within the Project Area (optional)
 11. A georeferenced shape file (or other electronic file that can be read in a geographic information system) that clearly identifies the Project Area and boundaries. *Note that the georeferenced shape file may constitute the required map if it includes the required map information listed above.*
- F. Provide supporting documentation demonstrating that the offset project takes places on land that has greater than 10 percent tree canopy cover.**
- G. Attach a graph portraying the baseline onsite carbon stocks with time depicted on the x-axis and metric tons CO₂e depicted on the y-axis.**
- H. Attach a diagram of the final baseline incorporating all required carbon stocks.**
- I. Provide a projection of baseline and actual harvesting volumes from the Project Area over 100 years.**
- J. For IFM projects on private lands ONLY: If the Project Area's initial above-ground standing live carbon stocks are below Common Practice, submit an affidavit testifying that the inventory depicted over the past 10 years (used to determine the High Stocking Reference for the Project Area) is reasonably accurate. Also include a summary of volume harvested over the past 10 years.** ☒ N/A
- K. For IFM projects on private lands ONLY: Attach supporting documentation identifying the legal constraints within the Project Area. A 'constraints' table with the following categories may be provided for simplicity with the following information: narrative of legal constraint, identification of specific governing law guiding the constraint, acreage, silviculture method, retention strategy.** ☐ N/A
- L. For projects on private lands ONLY: Provide a description and supporting evidence, if applicable, that the growth and harvesting regime assumed for the baseline is financially feasible based on the qualifications in Section 6.2.1.3**

of the Protocol.

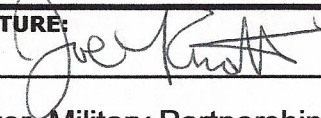
☐ N/A

PART XI. OPO/APD SIGNATURE

Note: The person signing this Initial Reporting Period report should be the same person signing the accompanying U.S. Forest Offset Project Data Report Annual Reporting Period – All Project Types report.

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 an Account Representative of the Offset Project Operator (OPO).

SIGNATURE:



PRINTED NAME:

Joe Knott

TITLE:

Director, Military Partnerships

DATE:

23 October 2017

Background for U.S. Forest Offset Project Data Report Initial Reporting Period – Improved Forest Management

Section 95976(d) of the Cap-and-Trade Regulation specifies reporting requirements for offset projects participating in the Compliance Offset Program. Offset Project Operators (OPO) or Authorized Project Designees (APD) are required to submit an Offset Project Data Report (OPDR) within four months of the end of each (annual) Reporting Period. The Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 and Compliance Offset Protocol U.S. Forest Projects, November 14, 2014 both require additional information to be included with the initial OPDR. This form is designed to help OPOs and APDs provide the extra information required for an initial OPDR by U.S. Forest offset projects. The information in this form is submitted to the approved Offset Project Registry that is listing the offset project and should also be provided to the ARB-accredited verification body that will be verifying the Offset Project Data Report.

The information to be provided in this form closely mirrors information provided in the application for listing a U.S. Forest offset project. OPOs and APDs may wish to copy the information in their project's application for listing to the extent that the information provided at the time of that application has not changed.

Where to Submit Information Contained in This Form

Please complete the information on the form using your computer. Then print, sign, and scan the form. The completed and signed information and all supporting documentation should be submitted to the appropriate [Offset Project Registry](#).

Copies of this form can be downloaded from the ARB website at:
<http://www.arb.ca.gov/cc/capandtrade/offsets/forms/forms.htm>

Detailed Instructions for U.S. Forest Offset Project Data Report Initial Reporting Period – Improved Forest Management

This form is protected with restricted editing to facilitate completing the form. If the applicant wishes to unprotect the form, the password is "form".

Part I. Entity Submitting Report:

- Indicate whether the Offset Project Operator (OPO) or Authorized Project Designee (APD) is submitting the Offset Project Data Report.
- List the name, organization, phone number, and email address of the person submitting the information. This person should be an employee of the OPO or APD, whichever entity is making the submission. The person submitting the information need not be the same person as the contact person listed for the OPO or APD in Part III and also need not be the person signing the form in Part XI.
- The person submitting the information should indicate the date the form is completed.

Part II. Offset Project Information:

- Provide the name for the offset project. Also provide the project's identification number from the approved Offset Project Registry listing the project. The ARB project identification number may also be provided if known.
- Indicate the offset project commencement date and the start and end dates of the first reporting period. Unlike with the listing form, approximations are no longer acceptable for these dates since precise dates should be known.
- Project commencement for an Improved Forest Management Project must be linked to a discrete, verifiable action that delineates a change in practice that increases sequestration and/or decreases emissions relative to the forest project's baseline. This date could be triggered by the transfer of property ownership, recordation of a conservation easement on the Project Area, or when submitting the offset project listing information.

Part III. OPO/APD Information:

- Enter contact information for the OPO and APD submitting the report. Every offset project will have an OPO. If an offset project does not have an APD, please mark the box indicating the Offset Project does not have an APD and leave the remaining fields blank.

- For both the OPO and, if applicable, the APD, enter the entity's name, its mailing address, and the name, phone number, and email address of a contact person for the entity. Also include its CITSS ID number. The CITSS ID is six characters in length, with two letters followed by four numbers (e.g., "CA1234"). **DO NOT PROVIDE THE CONFIDENTIAL CITSS ACCOUNT NUMBER**, which begins with the CITSS ID number followed by a hyphen and more numbers.

Part IV. Land Ownership:

- This part includes questions regarding land ownership and property interests.
- Further documentation is required based on the responses to some questions. See Part X of this report for more information on the precise requirements.

Part V. Offset Project Area:

- This part asks for qualitative descriptions of the offset Project Area.
- Maps are required to complement the descriptions provided in this part. See Part X of this report for more information on the precise requirements.
- The Project Area should be determined following the requirements of Section 4 of the U.S. Forest protocol.
- Assessment areas shall be determined by referencing the Assessment Area Data File available at: <http://www.arb.ca.gov/cc/capandtrade/protocols/usforestprojects.htm>

Part VI. Offset Project Eligibility:

- The questions in this part are designed to facilitate the determination of project eligibility for Improved Forest Management Projects.
- Further documentation is required based on the responses to some questions. See Part X of this report for more information on the precise requirements.
- Details on the eligibility requirements for Improved Forest Management Projects can be found in Sections 2.1.2, 3.1, and 3.8 of the U.S. Forest protocol.
- Details on the Natural Forest Management criteria can be found in Table 3.2 in the U.S. Forest protocol.

Part VII. Carbon Stock Inventory:

- Projects are required to have completed a full carbon stock inventory for the initial Offset Project Data Report. Unlike the inventory provided at the time of listing, a general description of the project's inventory methods with preliminary best estimates is no longer sufficient to meet the regulatory requirements. If the project's inventory methodology changed between the time of listing and submission of the initial OPDR, this change should be reported as a change to the information submitted at project listing when submitting the first OPDR.
- Section 6.2 of either the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 or the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014 outlines the approved quantification methodologies for Improved Forest Management Projects. Further details on completing a forest project carbon inventory can be found in Appendix A of the Protocol. (There are some differences in section 6.2 and Appendix A between the two versions.)
- Follow the steps in Appendix D of the U.S. Forest protocol to quantify the project's reversal risk rating.
- The project's expected contribution to the Forest Buffer Account is determined annually based upon the project's risk of reversal and is calculated by multiplying the project specific reversal risk rating by the total net GHG reductions/removals achieved by the project. Unlike the listing application, for this OPDR an approximation of the contribution to the Forest Buffer Account is not acceptable.

Part VIII. Offset Project Baseline:

- For this OPDR, unlike the project listing application, projects are required to have a finalized baseline. A modeling plan with preliminary best estimates is no longer sufficient to meet the regulatory requirements. If the project's modeling plan or baseline estimates changed between the time of listing and submission of the initial OPDR, this change should be reported as a change to the information submitted at project listing when submitting the first OPDR.
- Note that IFM projects located on public land must present documentation demonstrating explicit approval of the offset project's management activities and baseline. These projects may report changes to the baseline within the initial OPDR if the changes have gone through a public review process and meet the Protocol requirements regarding explicit approval of the project's baseline.
- This part is divided into three sections: questions required for all Improved Forest Management Projects; questions for Improved Forest Management Projects on private lands; and questions for Improved Forest Management Projects on public lands. Answer the questions applicable to the project.

- A diagram and graph are required to complement the descriptions provided in this part. See Part X of this report for more information on the precise requirements.
- Section 6.2 of either the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 or the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014 outlines the approved quantification methodologies for Improved Forest Management Projects. Instructions for considering legal and financial constraints can be found in Sections 6.2.1.2 and 6.2.1.3, respectively. Further details on modeling carbon stocks can be found in Appendix B. (There are some differences in section 6.2 and Appendix B between the two versions.)
- ARB approved growth models can be found in Appendix B, Section B.1 of either the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 or the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014. (There are some differences in Appendix B between the two versions.)

Part IX. Other Offset Programs:

- Answer all questions. If the answer to any question is “yes,” identify the registry or program and provide details on the issued credits in the space provided.

Part X. Attachments:

- Provide each attachment on a separate sheet of paper and submit along with the completed Initial Reporting Period-Offset Project Data Reporting Form.
- To aid with tracking each attachment, it is recommended that the attachments are labeled to correspond with the letter in Part X that they refer to (e.g. “Attachment B”).
- When an attachment is not applicable to the project being listed, please select the “N/A” (Not Applicable) checkbox next to the requirement so that it is clear that the attachment was not inadvertently left off.

Part XI. OPO/APD Signature:

- The individual signing the document must be registered in CITSS as the OPO’s Primary Account Representative or Alternate Account Representative for the entity submitting the information. The individual signing the document may be an APD employee and/or representative; but to sign the document, the individual must be an Account Representative on the OPO’s CITSS account.
- Please provide the individual’s signature, printed name, corporate title, and date signed.
- There are no attestations for this report. The attestations required for the Offset Project Data Report are included in the form U.S. Forest Offset Project Data Report Annual Reporting Period – All Project Types.

Please contact your Offset Project Registry with any questions regarding the OPDR.