

<b>APPLICATION FOR LISTING AN IMPROVED FOREST MANAGEMENT U.S. FOREST OFFSET PROJECT</b>				
<b>OPR Staff Use Only</b>	Date Application Received:	OPR Tracking Number:	Date Application Reviewed:	<b>OPR Staff Use Only</b>
<b>PART I. ENTITY APPLYING FOR LISTING</b>				
Is this form being submitted by the Offset Project Operator (OPO) or by the Authorized Project Designee (APD)?				<input checked="" type="checkbox"/> <b>OPO</b> <input type="checkbox"/> <b>APD</b>
Notes: 1. The person completing this form should be an OPO/APD employee. 2. If the APD is submitting this form, the OPO should submit the form <i>Designation of Authorized Project Designee</i> simultaneously.				
Name of Person Completing Form: Joe Knott		Organization, if applicable: Compatible Lands Foundation, Inc.		
Date Form Completed: 10/22/2015		Phone Number: 703-953-7220	Email Address: jknott@compatiblelands.net	
<b>PART II. OFFSET PROJECT INFORMATION</b>				
Offset Project Name: Camp Shelby Forest Carbon Project				
Offset Project Commencement Date: July 29, 2015	First Reporting Period Start Date: July 29, 2015	First Reporting Period End Date: January 29, 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.				
<b>PART III. OPO/APD INFORMATION</b>				
<b>A. OPO</b>				
OPO Name: Compatible Lands Foundation, Inc.			OPO's CITSS ID#: CA 1986	
Mailing Address: 1305 East 15 <sup>th</sup> , Suite 202	City: Tulsa	State: OK	Zip: 74120	
Contact Person: Joe Knott	Phone Number: 703-953-7220	Email Address: jknott@compatiblelands.net		
<b>B. APD (if applicable)</b>			<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:		
<b>PART IV. LAND OWNERSHIP</b>				
<b>A. Is the Offset Project Operator (OPO) the owner in fee for the Project Area?</b> <i>Further documentation is required for all projects. Submit as attachment labeled "Attachment A." See Part X of this listing document for more information.</i> If "no," explain how the entity identified as the OPO has the right to undertake and list the project.				<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b>



<b>B. 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.).</b> 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.		
<b>C. Does the offset project occur on public or private lands?</b> <i>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 as attachment labeled "Attachment B." See Part X of this listing document for more information.</i>		<input checked="checked" type="checkbox"/> Private <input type="checkbox"/> Public
<b>1. Describe the public process that has been used to approve forest management activities and baseline.</b>		
<b>2. Describe the documentation being submitted with this listing document demonstrating approval of planned forest management activities and baseline.</b>		
<b>D. Will the project employ a Qualified Conservation Easement (QCE)?</b> <i>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 listing document for more information.</i>		<input checked="checked" type="checkbox"/> QCE <input type="checkbox"/> Public Ownership
<b>1. Date that the QCE was or will be recorded.</b> Not recorded yet, estimated 11/17/2015		
<b>2. Will the project take place 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?</b>		<input type="checkbox"/> Yes <input checked="checked" type="checkbox"/> No
<b>3. Provide the terms within the easement that affect forest management.</b> There are no terms in the easement that restrict specific forest management activities. The forest resource protection objectives are, "[t]o perpetuate and foster the growth of a healthy and unfragmented forest or woodland; to maintain a continuous canopy of vegetation with multi-tiered understory of trees, shrubs, wildflowers and grasses; to support healthy ecosystem processes; and to trap air pollution particulates for healthier air and sequester carbon in trees and soil in order to mitigate rising atmospheric carbon levels."		
<b>E. Does the offset project occur on any of the following categories of land? (check all that apply)</b> <input type="checkbox"/> Land that is owned by, or subject to, an ownership of possessory interest of a Tribe <input type="checkbox"/> Land that is "Indian lands" of a Tribe as defined by 25 U.S.C. §81(a)(1) <input type="checkbox"/> Land that is owned by any person, entity, or Tribe, within the external borders of such Indian lands <input checked="checked" type="checkbox"/> None of the above <i>If "none of the above," skip to Part V. Otherwise, proceed to 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 listing document for more information.</i>		
<b>1. Does a limited waiver of sovereign immunity between ARB and the governing body of the Tribe exist?</b>		<input type="checkbox"/> Yes <input checked="checked" type="checkbox"/> No
<b>2. Describe how the land within the Project Area is owned.</b>		
<b>PART V. OFFSET PROJECT AREA</b>		
<i>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 listing document for more information.</i>		
<b>Latitude of Offset Project Location:</b> -89.194	<b>Longitude of Offset Project Location:</b> 31.09	<b>Project Area Total Acreage:</b> 1,056
<b>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.</b> The assessment areas are Gulf Coastal Plain Mixed Hardwoods under which 451 acres exist, Gulf Coastal Plain Longleaf-Slash Pine under which 290 acres exist and Gulf Coastal Plain Loblolly Shortleaf Oak under which 315 acres exist.		
<b>B. Identify the governing jurisdiction(s) applicable to the Project Area.</b> Applicable governing jurisdictions include Forrest County, Perry County, the state of Mississippi and various federal agencies.		
<b>C. Describe how the Project Area was determined.</b> The Project Area was determined as all forested property in Forrest and Perry counties in which CLF owns the timber rights.		



**D. Describe the existing land cover, and land use of the Project Area.**

The project area is 1,056 acres, 451 acres of which is comprised of Mixed Hardwood species. Other present assessment areas include 290 acres of Longleaf-Slash Pine and 315 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) 451 acres of Gulf Coastal Plain Mixed Hardwood, with species such as Hickory, Post Oak, Blackjack Oak, White Oak, Red Oak, Sassafras, Persimmon, Sweetgum and Yellow Poplar; 2) 290 acres of Gulf Coastal Plain Longleaf-Slash Pine with species including Longleaf Pine, Oak, and Slash Pine; and 3) 315 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 40% of the project is considered high site class (classes I-III) while 60% is considered low site class (classes IV-VII). Site classes were determined using field analyses and published site curves.

**G. Describe the land pressures and climate zone/classification applicable to the Project Area.**

Potential land pressures include conversion to farmland or to tree plantation. These land conversion pressures are minimal despite the close proximity to pine plantations in the region. These pressures are minimal because CLF plans to place 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 four tracts within the Project Area. CLF purchased the 1,522 acre "Weyerhaeuser tract" from the Weyerhaeuser Company, whose timber operations date back to 1900. 382 of these acres are being included in the Project Area. The historical land use has been timber management.

The 282 acre "H Company tract" was purchased in 2015 from H Company, Inc (formerly American Sand and Gravel). The historical land use has been timber and natural resource management.

The 292 acre "Deer Run Lakes tract" was purchased in 2015 from Southern MS Land Developers. The property was previously subdivided with the intent to convert to a real estate development.

The 100 acre "Hesson tract" was purchased in 2015 from a private landowner. The historical land use has been recreation and timber management.

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 generally 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. Hardwood species include hickory, sassafras, yellow poplar, sweetgum and a variety of oaks (post, blackjack, white, red). Longleaf Slash Pine species include longleaf pine, oak and slash pine. Loblolly Shortleaf Oak species include eastern red cedar, loblolly pine, shortleaf pine and southern scrub oak. Approximately 12% of the property is in age classes less than 20 years.

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

#### PART VI. OFFSET PROJECT ELIGIBILITY

<b>A. Does the project take place on land that has greater than 10 percent tree canopy cover?</b> <i>Supporting documentation is required. Submit as attachment labeled "Attachment F." See Part X of this listing document for more information.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>B. Indicate how the offset project meets (or will meet) the definition of Natural Forest Management per Table 3.2 in the Compliance Offset Protocol US Forest Offset Projects, November 14, 2014:</b>		
<b>1. Native species:</b> <b>a) Will the project consist of at least 95% native species based on the estimated sum of carbon in the standing live carbon pool?</b> <i>If "no," proceed to question 1b. Otherwise, skip to question B2.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>b) Describe how the project will meet this requirement. (Improved Forest Management Projects will be assessed using estimates of basal area per acre.)</b>		
<b>2. Composition of native species:</b> <b>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?</b> <i>If "no," proceed to questions 2b and 2c. Otherwise skip to question B3.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>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.</b>		
<b>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.</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>3. Distribution of age classes/sustainable management:</b> <b>a) Indicate how the project will meet the requirement for sustainable management if commercial harvesting is either planned or ongoing 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).</b> <input 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 checked="" 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>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?</b> <i>If "no," proceed to question 3c. Otherwise, skip to question B4.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>c) Explain how the project intends to show continuous progress toward meeting this requirement within the next 25 years.</b>		



**4. Structural elements (standing and lying dead wood):**

How will 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. Additionally, no salvage harvesting will take place in the project and forest management will include the retention of snags and coarse woody debris.

**C. Describe the management activities that will lead to 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.

Management practices that will lead to increased carbon stocks in the Project Area include thinning from below and grouped or selective harvests.

**D. 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:**

☐ Yes  
☒ No

**E. Will the offset project employ broadcast fertilization?**

☐ Yes  
☒ No

**F. Does the offset project take place on land that was part of a previously listed and verified Forest Offset Project?**

If "yes," proceed to questions E1 and E2. Otherwise, skip to Part VII.

☐ Yes  
☒ No

**1. Was the previous Forest Offset Project terminated due to an Unintentional Reversal?**

☐ Yes  
☐ No

**2. Is the project transitioning to the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014, after previously being listed as an early action offset project?**

☐ Yes  
☐ No

**PART VII. CARBON STOCK INVENTORY**

**A. Provide a general description of the inventory methodology to be 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 the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014.**

**IFM-1 Standing Live:**

A carbon inventory was conducted in 2014 and 2015 during which 123 plots were established randomly across the Project Area.

At each plot location, three nested plots were measured: an outer nest with radius 37 feet from plot center, a middle nest with radius of 17 feet, and an inner nest with radius of 12 feet. The outer nests include the area in the inner nests as well. Within the 37 foot radius plot, all trees with a DBH  $\geq 12$  inches were measured. Within the middle nest, all trees with a DBH  $\geq 5$  inches were measured. Within the inner nest, all trees with DBH  $< 5$  inches were tallied.

Measurements included species, diameter, total height, status code, height to a four inch top, crown class, and missing biomass.

Diameter at breast height (or at 4.5 feet from the base of a tree on the uphill side) was measured using a DBH tape, to the nearest tenth of an inch. Height measurements were recorded in feet to the nearest foot using an optical or ultrasonic hypsometer/rangefinder on all plot trees with diameter greater than or equal to five inches. Missing biomass was estimated and recorded to the nearest 10%.

Plot measurements were made using a 100 foot tape or hypsometer/rangefinder.



A current running inventory of carbon stocks will be maintained as part of the management of the project site. Plots will be re-measured at least once every twelve years. Individual trees may be grown using FVS or any other growth model approved by ARB between re-measurements, provided that it has been calibrated to accurately reflect data in earlier modeling exercises. Additional plots may be added to the inventory to improve the precision of estimates.

**IFM-3 Standing Dead:**

Standing dead was also measured alongside standing live in the carbon inventory described above. Standing dead trees in the outer nested plot with height  $\geq 15$  feet and DBH  $\geq 12$  inches and standing dead trees in the middle nested plot with height  $\geq 15$  feet and DBH  $\geq 5$  inches were measured, with measurements including species, height, diameter, decay class, and missing biomass.

For all standing dead wood in measurement plots, the decay class was recorded as follows:

- D1 Dead, with large and small branches and twigs
- D2 Dead, with large and small braches and no twigs
- D3 Dead, with large braches only
- D4 Dead, with no branches

**IFM-6 Soil (if applicable):**

Not applicable

**IFM-7 Carbon in in-use forest products:**

Mill receipts for harvested wood products are recorded and retained by the OPO

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

Mill receipts for harvested wood products are recorded and retained by the OPO

**IFM- 9 Biological emissions from site preparation:**

Not applicable

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

A default 20% secondary effects factor was applied to the difference between actual and baseline harvest volumes

**IFM-17 Biological emissions from decomposition of forest products:**

Mill receipts for harvested wood products are recorded and retained by the OPO

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

**IFM-1 Standing Live:**

If necessary, plot measurements are grown forward to the current reporting year using an approved growth and yield model. At the tree level, carbon in standing above-ground living and below-ground living biomass is calculated using ARB-approved species-specific volume and biomass equations for the Southern region, and subsequently expanded to a per acre estimate based on the diameter of the tree. Mean carbon dioxide-equivalent is calculated from biomass (kg/ac) by multiplying by 0.5 (C/biomass), 0.001 (kg/tonne) and 3.664 (tC/tCO<sub>2</sub>e).

**IFM-3 Standing Dead:**

Using the procedures described in Domke et al. (2011), estimates of trees in advanced stages of decay are achieved by estimating gross and sound volume from tree and site-level variables, then converting sound volume to biomass by incorporating density reduction factors from Harmon et al. (2011) as well as structural loss adjustments.

**IFM-6 Soil (if applicable):**

Not applicable.

**IFM-7 Carbon in in-use forest products:**

Measured through harvest receipts, and calculated using ARB regional mill efficiency rates, decay rates, and landfill values.

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

Measured through harvest receipts, and calculated using ARB regional mill efficiency rates, and



landfill values.

**IFM- 9 Biological emissions from site preparation:**

Not applicable.

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

A default 20% secondary effects factor was applied to the difference between actual and baseline harvest volumes.

**IFM-17 Biological emissions from decomposition of forest products:**

Calculated based on harvest wood volumes and mill efficiencies.

**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:**

91.9 tCO<sub>2</sub>e/ac

**IFM-3 Standing Dead:**

0.5 tCO<sub>2</sub>e/ac

**IFM-6 Soil (if applicable):**

not applicable

**IFM-7 Carbon in in-use forest products:**

0 tCO<sub>2</sub>e/ac

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

0 tCO<sub>2</sub>e/ac

**IFM- 9 Biological emissions from site preparation:**

Not applicable

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

811 tCO<sub>2</sub>e

**IFM-17 Biological emissions from decomposition of forest products:**

0 tCO<sub>2</sub>e/ac. No harvesting has occurred in the Project Area.

**D. Provide a summary of the estimated inventory confidence statistics.**

The estimated sampling error is 8.4% 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 expected contribution to the Forest Buffer Account.**

$1 - ((1-0.05) \times (1-0.00) \times (1-0.02) \times (1-0.02) \times (1-0.02) \times (1-0.04) \times (1-0.03) \times (1-0.03)) = 19.2\%$

## **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 Compliance Offset Protocol U.S. Forest Projects, November 14, 2014.**

#### **1. Silvicultural methods**

Grow

No management, assumes natural regeneration.

Clearcut

Cut all standing trees of 4 inch diameter or greater on a rotation of 60 years, assumes natural regeneration.

Selective cut

Cut select trees with no more than 50% canopy cover removed. Trees of higher economic value will be selected for harvest. Regeneration is natural.

#### **2. Legal constraints**



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 a minimum of 30 feet in ground surface distance on both streambanks for streams with less than 5% slope and must increase with each of the following percent slope groups: 6%-20% (40 foot buffer), 21%-40% (50 foot buffer) and over 40% (60 foot buffer). Intermittent streams must have a buffer on either stream side of at least 30'. Regeneration harvest is permitted in intermittent stream SMZs as long as other vegetation and ground cover remains in such a way that water quality is protected. Adherence to these BMPs is demonstrated by prescribing selective cut harvests in SMZ stands which properly correspond with slope and stream type.

### 3. Site indexes

Site index was assigned to stands based on site measurements collected in the field. Height and age measurements for each site tree were converted to site index using published equations (Carmean, et al. 1989). For uncruised stands, site index was assigned the project average.

### 4. Model used

Forest Vegetation Systems (FVS) was used for modeling. The model was parameterized with silvicultural prescriptions and local calibration.

## 2. Describe and estimate the project's baseline onsite carbon stocks. Explain any annual changes in baseline carbon stocks over time.

Modeled above-ground carbon stocks in the baseline scenario average 50.1 tCO<sub>2</sub>e/ac. Annual changes in baseline carbon stocks are the result of considering all legal and financial constraints in the model.

*A graph portraying the baseline onsite carbon stocks, labeled "Attachment G," and a diagram of the baseline incorporating all required carbon stocks, labeled "Attachment H," are required. See Part X of this listing document for more information.*

## 3. 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?

If "yes," proceed to question 4b. Otherwise, skip to question A5.

☒ Yes  
☐ No

### b. Will the project use a harvest schedule model?

If "yes," proceed to question 4c. Otherwise, skip to question A5.

☒ Yes  
☐ No

### c. How do you plan to address age class and stratification as part of your harvest scheduling?

The Project Area was stratified by forest type and spatial constraints. These strata were subdivided into modeling units. Each modeling unit is modeled individually.

## 5. Provide an estimate of carbon that will be stored long-term in harvested wood products in the baseline.

1,774 tCO<sub>2</sub>e

## B. Required for Improved Forest Management Projects on Private Lands ONLY

### 1. Provide the estimated initial above ground standing live carbon stock per acre for the project, if known.

76.0 tCO<sub>2</sub>e/ac

### 2. Provide the estimated adjusted above ground standing live carb stock per acre, if known.

73.4 tCO<sub>2</sub>e/ac

### 3. Provide the Common Practice statistic associated with the Project Area.

49.3 tCO<sub>2</sub>e/ac



<b>4. Are the Project Area's initial above-ground standing live carbon stocks per acre above or below Common Practice?</b> If below Common Practice, what is the High Stocking Reference for the Project Area?  <i>Further documentation is required if project below Common Practice. Submit supporting documents as attachments labeled "Attachment I." See Part X of this listing document for more information.</i>		<input checked="" type="checkbox"/> Above <input type="checkbox"/> Below
<b>5. Does the Forest Owner(s) and its affiliate(s) own land in fee or hold timber rights on land outside the Project Area?</b> <i>If "no," skip to question B.6.</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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)? <i>If "no," skip to question B.6.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If "yes," is inventory data available for the LMU or will the OPO use a stratified vegetation analysis?	<input type="checkbox"/> Data available for LMU <input type="checkbox"/> Stratified Vegetation Analysis	
<b>6. Provide a general description of the legal constraints affecting forest management activities in the Project Area; include a description of each constraint (referring to Section 6.2.1.2 in the Protocol) as well as a narrative those constraints have on forest management.</b> 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 a minimum of 30 feet in ground surface distance on both streambanks for streams with less than 5% slope and must increase with each of the following percent slope groups: 6%-20% (40 foot buffer), 21%-40% (50 foot buffer) and over 40% (60 foot buffer). Intermittent streams must have a buffer on either stream side of at least 30'. Regeneration harvest is permitted in intermittent stream SMZs as long as other vegetation and ground cover remains in such a way that water quality is protected. Adherence to these BMPs is demonstrated by prescribing selective cut harvests in SMZ stands which properly correspond with slope and stream type.		
<b>7. Provide a description of the modeling techniques used to simulate the effects of the constraint.</b> The SMZ constraint was modeled by prescribing selective harvests of up to 50% crown cover within the restricted areas, corresponding to slope and stream type constraint details.		
<b>8. How does the OPO demonstrate financial feasibility of the growth and harvesting regime assumed for the baseline?</b> (check one of the boxes) <input type="checkbox"/> 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 <input checked="" type="checkbox"/> 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 <i>Supporting documentation is required. Submit as attachment labeled "Attachment J." See Part X of this listing document for more information.</i>		
<b>C. Required for Improved Forest Management Projects on <u>Public Lands ONLY</u></b>		
<b>1. Has an initial forest carbon inventory been conducted for the Project Area?</b>		<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>2. Provide a projection of future changes to Project Area forest carbon stocks extrapolating from historical trends.</b>		
<b>3. Explain how current public policy will affect onsite carbon stocks and how the baseline modeling incorporates constraints imposed by all applicable statutes, regulations, policies, plans, and activity-based funding.</b>		
<b>4. Have carbon stocks in the Project Area been increasing or declining over the preceding ten-year period?</b>		<input type="checkbox"/> Increasing <input type="checkbox"/> Declining
<b>PART IX. ADDITIONAL QUESTIONS</b>		
<b>A. Have any lands within the Project Area ever been listed or registered with an offset project registry or program in the past?</b> <i>If "yes," identify the registry or program and provide details on the issued credits below.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



<b>B. 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?</b> <i>If "yes," identify the registry or program and provide details on the issued credits below.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Registry/Program:	Reporting Period(s):	Vintage(s):	Number of Credits Issued:
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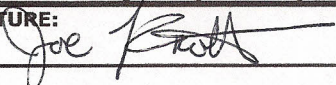
### PART X. ATTACHMENTS

- 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. ☒ N/A
- C.** If a Qualified Conservation Easement (QCE) has been recorded, provide a copy. The listing information contained in this form and the documents attached to it will eventually be submitted to ARB so submitting a copy of the QCE as an attachment to this listing document fulfills the requirement in 9.1.1.1(18)(a) of the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014 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(l) 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 (4<sup>th</sup> 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 CO<sub>2</sub>e depicted on the y-axis.
- H.** Attach a diagram of the baseline incorporating all required carbon stocks.
- I.** For 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 and a summary of volume harvested over the past 10 years. ☒ N/A
- J.** 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. ATTESTATIONS AND OPO SIGNATURE

 Initial	<b>I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for</b>			
	Project Name:		Crediting Period Start Date:	Crediting Period End Date:
	Camp Shelby Forest Carbon Project	from	7/29/2015	to
<b>will be measured in accordance with the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014, and all information required to be submitted to ARB is true, accurate, and</b>				



	complete.
 Initial	I understand I am voluntarily participating in the California Greenhouse Gas Cap-and-Trade Program under title 17, article 5, and by doing so, I am now subject to all regulatory requirements and enforcement mechanisms of this program and subject myself to the jurisdiction of California as the exclusive venue to resolve any and all disputes arising from the enforcement of provisions in this article.
 Initial	I understand that the offset project activity and implementation of the offset project must be in accordance with all applicable local, regional, and national environmental and health and safety laws and regulations that apply to the offset project location. I understand that offset projects are not eligible to receive ARB or registry offset credits for GHG reductions and GHG removal enhancements that are not in compliance with the requirements of the cap-and-trade program.
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: 10/22/2015