

Yurok Tribe/Forest Carbon Partners CKGG Improved Forest Management Project

Annual Offset Project Data Report

California Air Resources Board

Compliance Offset Protocol

State of California
 California Environmental Protection Agency
 California Air Resources Board
U.S. FOREST OFFSET PROJECT DATA REPORT

PART I. OPO/APD INFORMATION				
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 II. 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
Report Version Number: 2	Date Report Completed: 2022-09-01	Date Report Submitted:	
Person Completing Report: Earl Jackson	Phone Number: 707-482-1350 x 1310	Email Address: earlj@yuroktribe.nsn.us	

PART III. OFFSET PROJECT INFORMATION			
Offset Project Name: Yurok Tribe/Forest Carbon Partners CKGG Improved Forest Management Project			
Offset Project Type: ☐ Reforestation ☒ Improved Forest Management ☐ Avoided Conversion		Reporting Period: 10	
OPR Project ID#: CAR993	ARB Project ID# (if known): CAFR5011	Offset Project Commencement Date: 2012-03-31	
Date of Last Full (On-Site) Verification: 2022-06-13	Reporting Period Start Date: 2021-04-01	Reporting Period End Date: 2022-03-31	
Is this report being submitted for a verification year?			☒ Yes ☐ No
Protocol Version for Project Listing: ☒ October 20, 2011 ☐ November 14, 2014 ☐ June 25, 2015		Protocol Version for Project Reporting: ☒ October 20, 2011 ☐ November 14, 2014 ☐ June 25, 2015	
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 <i>Initial Reporting Period</i> forms also being submitted?		☐ Reforestation ☐ Improved Forest Management ☐ Avoided Conversion ☒ N/A	

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A. OPO				
OPO Name: The Yurok Tribe			OPO's CITSS ID#: CA <u>1 2 6 6</u>	
Mailing Address: 190 Klamath Blvd		City: Klamath	State: CA	Zip: 95548
Contact Person: Javier Kinney	Phone Number: 530-625-4130	Email Address: jkinney@yuroktribe.nsn.us		
B. APD (if applicable) ☒ No APD/Not Applicable				
APD Name:			APD's CITSS ID#: CA _ _ _ _	
Mailing Address:		City:	State:	Zip:
Contact Person:	Phone Number:	Email Address:		
C. TECHNICAL CONSULTANTS				
Consultant Name: BBW & Associates, Inc				
Mailing Address: PO Box 702		City: Arcata	State: CA	Zip: 95518
Contact Person: Paul Harper	Phone Number: 707-825-0475	Email Address: pharper@bbwassociates.com		
Consultant Name:				
Mailing Address:		City:	State:	Zip:
Contact Person:	Phone Number:	Email Address:		

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PLEASE NOTE

The submission of this OPDR and its calculations of onsite carbon stocks was overseen by Paul Harper of BBW & Associates, Inc., California Registered Professional Forester # 2672.

INTRODUCTION AND BACKGROUND

The Yurok Tribe/Forest Carbon Partners CKGG Improved Forest Management Project (hereafter CKGG Project or the project) is an Improved Forest Management (IFM) project developed pursuant to the California Air Resources Board Compliance Offset Protocol – U.S. Forest Projects adopted October 20, 2011. The Offset Project Operator is The Yurok Tribe.

The 7,660-acre project is located within and adjacent to the Yurok Reservation in Humboldt County, California. The project is located within the Lower Klamath River Watershed and the Klamath River runs through the project. The Yurok Tribe is the owner in fee of the real property involved in the CKGG Project, which is within Yurok ancestral territory. The fee interest includes the trees and timber on the property. Tree species include Douglas-fir and tanoak primarily, along with a broad assortment of other native conifers and hardwoods.

The property is zoned for timber production and agricultural use. Before the arrival of Euro-Americans in the 1850s the Yurok occupied the land and the primary land use was hunting, fishing, and food gathering. The primary use since the 1850s has been timber harvesting. The surrounding areas are a mix of tribal and private lands with scattered and sometimes dense development.

Management of the property is designed to improve ecological values while at the same time generating income from carbon offset sales, with the aim of developing a growing inventory of higher-value, larger-diameter trees. Decreases in standing live carbon stocks over a ten-year period could occur within the project as a result of silvicultural applications intended to balance age classes and restore species composition in hardwood-dominated stands. This decrease is planned for and described in the Yurok Forest Management Plan, which was approved and is monitored by the Bureau of Indian Affairs. Any ten-year decrease in stocks is predicted to be less than five percent and overall stocks will not drop below the level of standing live carbon stocks at project initiation.

(a) DESCRIPTION OF PROJECT AREA BOUNDARY

The project is located in the Northern California Coast (~27 acres) and Southern Cascades (~7,633 acres) Supersections.

The project area consists of forestland within the CKGG property except the following:

- a 75-foot strip on either side of Class II watercourses
- a 125-foot strip on either side of Class I watercourses
- a 300-foot buffer on the Klamath River

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- Northern Spotted Owl (NSO) Activity Center 1,000-ft diameter core areas

These areas were removed from the project since the California Forest Practice Rules are very restrictive with regard to the amount and type of harvest allowed in those areas.

(b) PROJECT LOCATION

Table 1. Project Location by Township, Range, and Section

Township and Range	Principal Meridian	Section(s)
9N 3E	Humboldt	1, 2, 11, 12, 13, 14, 23
9N 4E	Humboldt	5, 6, 7, 8, 9, 10, 17, 18
10N 3E	Humboldt	3, 12, 13, 23, 24, 25, 26, 35, 36
10N 4E	Humboldt	4, 5, 6, 7, 8, 9, 18, 30, 31
11N 3E	Humboldt	23, 24, 25, 26, 27, 28, 33, 34, 36
11N 4E	Humboldt	31

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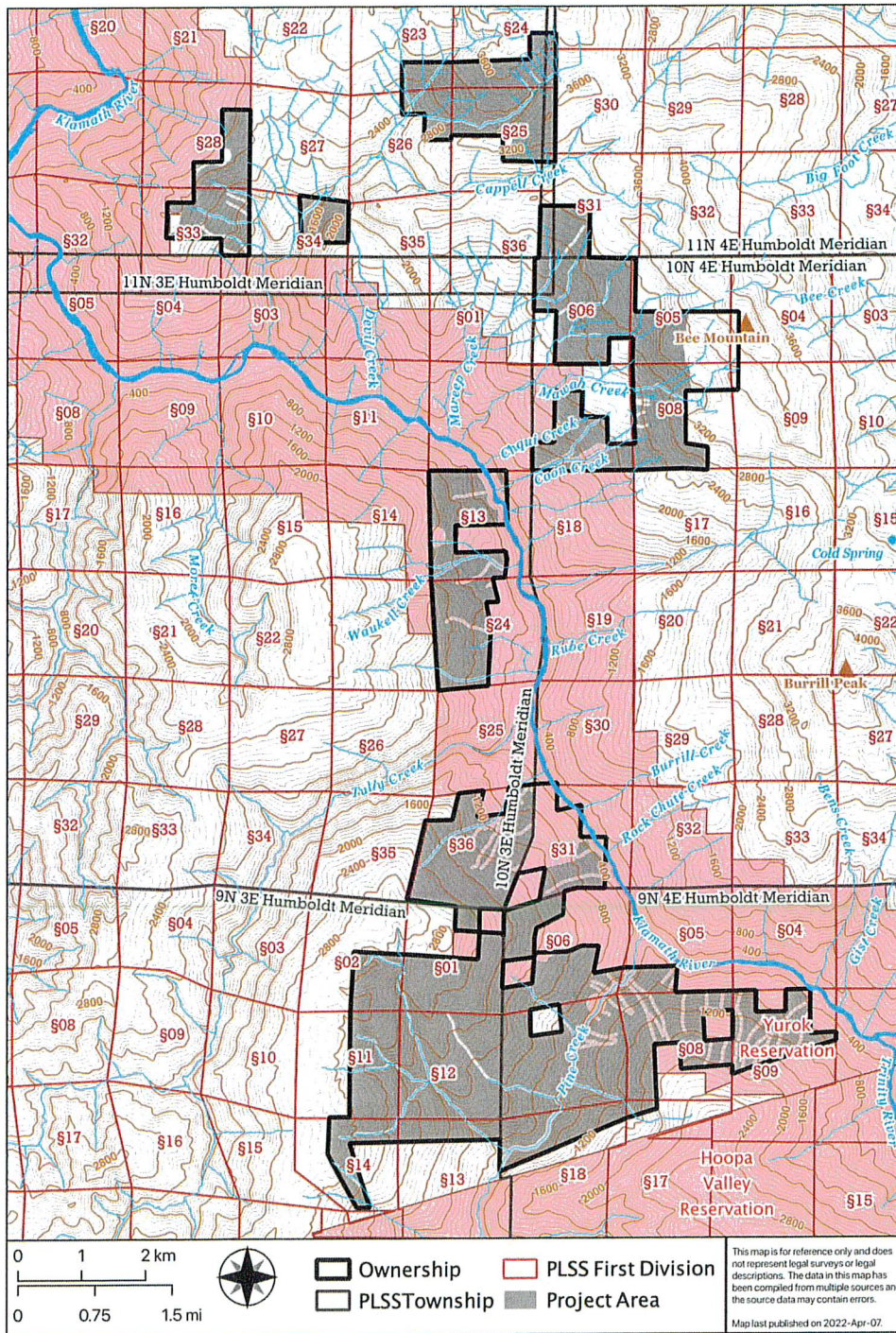


Figure 1. Location Map of Improved Forest Management Project

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(c) NOTABLE PROJECT HISTORY

An updated inventory methodology was approved by a third-party verification body on 2021-08-30 and by ARB on 2022-01-13. The updated inventory methods document is provided as an attachment to this report (see § XIII(A) List of Attachments). These inventory methods were used for the calculation of onsite carbon stocks for reporting period ten.

During the project's tenth reporting period, roughly seven acres of project area was cleared for building development. No logs from the clearing were sold, so no Harvested Wood Products were accounted for. The clearing did not result in a reversal of stored carbon. The area was added to a new zero-carbon stratum and no carbon will be accounted for from this stratum. We received ARB guidance on this approach from ARB staff on 2022-01-28.

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. See IV(A) Non-Compliance	
B. Indicate how the offset project meets the definition of Natural Forest Management per Table 3.2 (Table 3.1 In 2015 FOP) in the U.S. Forest protocol by completing Questions B1-B4 below: <i>Note: Reforestation projects with deferred inventory and Project Boundaries are still required to complete Questions B1-B4.</i>	
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. See IV(B) Species composition	☒ 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 ☒ N/A	
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) <i>The full text associated for the options below is found in section 3.8.1 of the U.S. Forest protocol (§3.1(a)(2)(C) in 2015 FOP)</i>	
☐ 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 See IV(C) Sustainable Management	
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. See IV(D) Age Classes	
☒ Yes ☐ No ☐ N/A	
c) Explain how the project demonstrates continuous progress toward meeting this requirement within the next 25 years. See IV(E) Explanation of Contiguous Progress toward Meeting Age Class Requirement	
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? See IV(F) Structural Elements	

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C. Has there been a decrease in the standing live carbon stocks within the Project Area over any 10-year consecutive period? <i>For the Initial Reporting Period, check "No." If "No," skip to Part V. If yes, answer questions C1 and C2.</i>		☐ 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. <i>Note: Documentation is required to be submitted. See Section X for details.</i> See IV(G) Decreases in Standing Live Carbon Stocks		
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
Optional: If yes, describe the modifications. See IV(H) Decreases in Standing Live Carbon Stocks below Project's Baseline Standing Live		

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IV(A). NON-COMPLIANCE

The project was in compliance with all local, state, and federal regulatory requirements during the Reporting Period, including but not limited to:

- Z'berg Nejedly Forest Practices Act
- Porter Cologne Water Quality Act
- California Fish and Game Code
- California Endangered Species Act
- California Environmental Quality Act (CEQA)
- National Environmental Policy Act
- Clean Water Act
- Endangered Species Act
- The Archaeological Resources Protection Act (ARPA)

IV(B). SPECIES COMPOSITION

Table 2. Species composition by basal area and native species proportion from most recent inventory

Species (common)	Species (scientific)	Basal Area per Acre	Percent by Basal Area	Native Species	Percent by Native
tanoak	<i>Lithocarpus densiflorus</i>	107.89	46.3%	Yes	46.3%
Douglas-fir	<i>Pseudotsuga menziesii</i>	77.97	33.5%	Yes	33.5%
golden chinquapin	<i>Chrysolepis chrysophylla</i>	13.34	5.7%	Yes	5.7%
Red alder	<i>Alnus rubra</i>	11.12	4.8%	Yes	4.8%
Pacific madrone	<i>Arbutus menziesii</i>	11.07	4.8%	Yes	4.8%
CA bay laurel	<i>Umbellularia californica</i>	5.33	2.3%	Yes	2.3%
Incense cedar	<i>Calocedrus decurrens</i>	1.78	0.8%	Yes	0.8%
Canyon live oak	<i>Quercus chrysolepis</i>	1.15	0.5%	Yes	0.5%
Port Orford cedar	<i>Chamaecyparis lawsoniana</i>	1.11	0.5%	Yes	0.5%
Sugar pine	<i>Pinus lambertiana</i>	0.60	0.3%	Yes	0.3%
Black oak	<i>Quercus kelloggii</i>	0.38	0.2%	Yes	0.2%

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Species (common)	Species (scientific)	Basal Area per Acre	Percent by Basal Area	Native Species	Percent by Native
Western hemlock	<i>Tsuga heterophylla</i>	0.35	0.2%	Yes	0.2%
Bigleaf Maple	<i>Acer macrophyllum</i>	0.34	0.1%	Yes	0.1%
Redwood	<i>Sequoia sempervirens</i>	0.27	0.1%	Yes	0.1%
Willow	<i>Salix sp.</i>	0.19	0.1%	Yes	0.1%
Dogwood	<i>Cornus nuttallii</i>	0.07	0.0%	Yes	0.0%
Knobcone pine	<i>Pinus attenuata</i>	0.06	0.0%	Yes	0.0%
Ponderosa pine	<i>Pinus ponderosa</i>	0.03	0.0%	Yes	0.0%
Total		233.0			100%

IV(C). SUSTAINABLE MANAGEMENT

No commercial harvesting occurred or was planned within the project area during the reporting period; thus, the requirements of §3.8.1 are de facto met. Since commercial harvesting is not currently planned or occurring within the project area, it is not necessary for the project to satisfy the Forest Offset Protocol §3.8.1 – Sustainable Harvesting Practices at this time.

IV(D). AGE CLASSES

For the initial reporting period, the project was verified as complying with the age class requirement. No major harvests or natural disturbances have occurred since the last site visit verification to substantially change the age class distribution within the project, so the project continues to meet this requirement.

IV(E). EXPLANATION OF CONTIGUOUS PROGRESS TOWARD MEETING AGE CLASS REQUIREMENT

Not applicable at this time; the age class requirement is met.

IV(F). STRUCTURAL ELEMENTS

No salvage logging occurred during the reporting period within the project area and no active removal of down dead wood was conducted on the project; therefore, the project must maintain or demonstrate ongoing progress toward an average of at least:

- one (1) metric ton (t) of carbon (C) in standing dead wood per acre; or
- one (1)% of standing live carbon stocks, in standing dead wood, whichever is higher.

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The standing dead wood stocks were 1.46 metric tons of carbon per acre as measured during the most recent inventory, which is above the target of one (1) metric ton of carbon per acre and is also higher than one (1) percent of standing live carbon stocks (0.84 metric tons of carbon per acre); therefore, the project was in conformance with the protocol requirements.

The project will maintain the required structural elements by continuing to recruit standing dead trees through natural mortality and harvest (if applicable), and by not actively removing standing dead trees unless part of a salvage or hazardous tree removal effort, or unless they pose a threat to health and safety, such as along forest roads.

IV(G). DECREASES IN STANDING LIVE CARBON STOCKS

There have been no decreases in the Standing Live Tree Pool over any ten-year consecutive period.

IV(H). DECREASES IN STANDING LIVE CARBON STOCKS BELOW PROJECT'S BASELINE STANDING LIVE

There have been no decreases in the Standing Live Tree Pool.

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PART V. PROJECT CHANGES	
A. Is all the information in the offset project listing still accurate? <i>If "Yes," skip to question B.</i>	☐ 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?	☐ Yes ☒ No
3. Are there updates to the Land Ownership listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Table 3	☐ Yes ☒ No
4. Are there updates to the Offset Project Area listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Table 3	☒ Yes ☐ No
5. Are there updates to the Carbon Stock Inventory listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See parts V(B) and VIII	☒ Yes ☐ No
6. Are there updates to the Offset Project Baseline listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See part IX	☒ Yes ☐ No
7. Are there any other updates to the listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Table 3	☒ 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. See V(A) Changes in Forest Ownership	
C. Optional: Has a Qualified Conservation Easement (QCE) been recorded since the previous Reporting Period?	☐ Yes ☒ No
D. <i>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.</i>	
Optional: If yes, provide the date the QCE was recorded. Also provide a copy of the QCE to ARB.	
E. 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? <i>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."</i>	☒ Yes ☐ No ☐ Defer
Optional: If yes, describe the modifications. See V(B) Inventory Methodology Changes	

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Table 3. Changes from Listing

Item #	Item Description	Listed As	Reported As
1	Project Name	Yurok Tribe CKGG Improved Forest Management Project	Yurok Tribe/Forest Carbon Partners CKGG Improved Forest Management Project
2	Sustainable Harvesting Practices	Option 2: Landowner adheres to a renewable long-term management plan	Option 4: Not Applicable, no commercial harvesting is planned
3	Reversal Risk Rating	19.2%	15.8%
4	Initial onsite carbon stocks	1,825,560 t CO ₂ e	1,871,477 t CO ₂ e
5	Baseline carbon stocks	1,061,252 t CO ₂ e	1,098,495 t CO ₂ e
6	APD Designation	New Forests Forest Carbon Partners	No APD
7	OPO Contact	John Corbett	Javier Kinney
8			
9			

V(A). CHANGES IN FOREST OWNERSHIP

There have been no changes in the status of the Forest Owner during the reporting period. The Yurok Tribe are still the owners in fee and still identified as the Offset Project Operator with the legal authority to implement the project.

The forest owner acquired an additional tract of land (Kepel Creek Tract) 13 April 2021, during this reporting period. The Kepel Creek Tract has an ARB-compliant offset project located on the property.

There have been no changes to the project location (Figure 1).

V(B). INVENTORY METHODOLOGY CHANGES

An updated inventory methodology was approved by a third-party verification body on 2021-08-30 and by ARB on 2022-01-13. The updated inventory methods document is provided as an attachment to this report (see § XIII(A) List of Attachments). These inventory methods were used for the calculation of onsite carbon stocks for this reporting period. Changes to the project's stratification are described in the updated and verified inventory methodology (ckgg-inv-methods-2021_20210819.pdf; see § XIII(A) List of Attachments).

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PART VI. REVERSALS			
<i>Note: Qualifying Reforestation Projects may defer items marked with an asterisk until the second verification.</i>			
A. Has a reversal occurred during the Reporting Period covered by this report? <i>If this is for the Initial Reporting Period, check "No."</i> <i>If "No," skip to question B.</i>			☐ Yes ☒ No
Has the reversal been classified as intentional or unintentional?		☐ Intentional ☐ Unintentional ☒ N/A	
Optional: Date(s) Reversal Occurred:		Optional: Estimated Quantity of Reversal in Units of metric tons CO ₂ e:	
Describe and explain the reversal. See VI(A) Description of Reversal during Current Reporting Period			
What is the status of the compensation for the reversal? See VI(B) Reversal Compensation Status during Current Reporting Period			
B. For verification years <u>ONLY</u>: Has a reversal occurred during the previous six years? <i>If this is for the Initial Reporting Period, check "No."</i>			☐ Yes ☒ No ☐ N/A
Has the reversal been classified as intentional or unintentional?		☐ Intentional ☐ Unintentional ☒ N/A	
Optional: Date(s) Reversal Occurred:		Optional: Estimated Quantity of Reversal in Units of metric tons CO ₂ e:	
Describe and explain the reversal. See VI(C) Description of Past Reversal(s)			
What is the status of the compensation for the reversal? See VI(D) Reversal Compensation Status from Past Reversal(s)			
C. What is the Project's reversal risk rating? See Table 4		Risk Rating: 15.8%	☐ Defer
What is the Project's level of fuel treatment (fire risk buffer pool contribution)?		☐ High (2%) ☐ Medium (2.652%) ☐ Low (3.304%) ☒ None (4 %)	

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VI(A). DESCRIPTION OF REVERSAL DURING CURRENT REPORTING PERIOD

No reversals have occurred during the Reporting Period.

VI(B). REVERSAL COMPENSATION STATUS DURING CURRENT REPORTING PERIOD

Not applicable, as there were no reversals during the Reporting Period.

VI(C). DESCRIPTION OF PAST REVERSAL(S)

There were no reversals during past Reporting Periods.

VI(D). REVERSAL COMPENSATION STATUS FROM PAST REVERSAL(S)

Not applicable, as there were no reversals during past Reporting Periods.

Table 4. Project Contribution to the Buffer Account Based on Risk

Risk Category	Contribution from Risk Descriptions	
	Source	US Forest Project without a Qualified Conservation Easement and/or Private Ownership
Financial Failure	Default Risk	1%
Illegal Forest Biomass Removal	Default Risk	0%
Conversion	Default Risk	2%
Over-harvesting	Default Risk	2%
Social	Default Risk	2%
Wildfire	No Treatment	4%
Disease or Insect Outbreak	Default Risk	3%
Other Catastrophic Events	Default Risk	3%
Overall Contribution Based on Appendix D.1 Calculation		15.8%

PART VII. HARVEST VOLUMES AND CARBON IN WOOD PRODUCTS		
<i>Note: Qualifying Reforestation Projects may defer items marked with an asterisk until the second verification.</i>		
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): 0	☐ 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): 67.5%	☐ Defer
C. *Provide an estimate of carbon in harvested wood products associated with the harvest volumes reported for this Reporting Period.	Carbon estimate (metric tons CO2e): 0	☐ Defer

VII(A). DESCRIPTION OF HARVEST(S) DURING REPORTING PERIOD

There were no harvests within the Project during the current Reporting Period that resulted in Harvested Wood Products. There was land clearing for a building project over roughly seven project acres and the logs from the clearing were piled onsite.

PART VIII. CARBON STOCKS

In the appropriate columns below, enter the name/identification of all required carbon pools and its estimated carbon stock (metric tons CO₂e) 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.	Current Reporting Period YYYY-MM-DD 2021-04-01 to 2022-03-31	Current Reporting Period minus 1 year YYYY-MM-DD 2020-04-01 to 2021-03-31	Current Reporting Period minus 2 year YYYY-MM-DD 2019-04-01 to 2020-03-31	Current Reporting Period minus 3 year YYYY-MM-DD 2018-04-01 to 2019-03-31	Current Reporting Period minus 4 year YYYY-MM-DD 2017-04-01 to 2018-03-31	Current Reporting Period minus 5 year YYYY-MM-DD 2016-04-01 to 2017-03-31
	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate
IFM 1 – Standing Live	2,354,595	2,211,624	2,190,204	2,168,734	2,147,299	2,125,718
IFM 3 – Standing Dead	41,073	45,158	45,168	45,179	45,190	45,201
IFM 7 – HWP in Use	0	0	0	0	0	0
IFM 8 – HWP in Landfills	0	0	0	0	0	0

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VIII(A). DETERMINING ACTUAL ONSITE CARBON STOCKS

The Project's carbon stocks for the current Reporting Period were calculated from an inventory re-measurement using methods described in the updated and verified inventory methodology (ckgg-inv-methods-2021_20210819.pdf; see §XIII(A) List of Attachments).

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 (metric tons CO₂e) 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.	Current Reporting Period YYYY-MM-DD 2021-04-01 to 2022-03-31	Current Reporting Period minus 1 year YYYY-MM-DD 2020-04-01 to 2021-03-31	Current Reporting Period minus 2 year YYYY-MM-DD 2019-04-01 to 2020-03-31	Current Reporting Period minus 3 year YYYY-MM-DD 2018-04-01 to 2019-03-31	Current Reporting Period minus 4 year YYYY-MM-DD 2017-04-01 to 2018-03-31	Current Reporting Period minus 5 year YYYY-MM-DD 2016-04-01 to 2017-03-31
IFM 1 – Standing Live	1,005,500	1,005,500	1,005,500	1,005,500	1,005,500	1,005,500
IFM 3 – Standing Dead	51,974	51,974	51,974	51,974	51,974	51,974
IFM 7 – HWP in Use	5,305	5,305	5,305	5,305	5,305	5,305
IFM 8 – HWP in Landfills	3,396	3,396	3,396	3,396	3,396	3,396

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PART X. QUANTIFICATION FACTORS						
In the appropriate column below, enter the value for the current Reporting Period. For verification years <u>ONLY</u>: Report the estimated values for every year since the Project's last verification. <i>Note: Qualifying Reforestation Projects may defer items marked with an asterisk until the second verification.</i>						
	Current Reporting Period YYYY-MM-DD 2021-04-01 to 2022-03-31	Current Reporting Period minus 1 year YYYY-MM-DD 2020-04-01 to 2021-03-31	Current Reporting Period minus 2 year YYYY-MM-DD 2019-04-01 to 2020-03-31	Current Reporting Period minus 3 year YYYY-MM-DD 2018-04-01 to 2019-03-31	Current Reporting Period minus 4 year YYYY-MM-DD 2017-04-01 to 2018-03-31	Current Reporting Period minus 5 year YYYY-MM-DD 2016-04-01 to 2017-03-31
A. Secondary Effects (metric tons CO ₂ e)	-10,489	-10,489	-10,489	-10,489	-10,489	-10,489
B. *Confidence Deduction (%) ☐ Defer	0.8	0.8	1.0	1.2	1.4	1.7
C. *Forest Buffer Account Contribution (metric tons CO ₂ e) ☐ Defer	19,011	1,305	1,299	1,280	1,632	573
D. For Avoided Conversion Projects <u>ONLY</u>: What is the Project's uncertainty discount factor?					%	☒ N/A

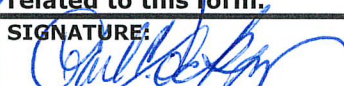
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PART XI. TOTAL NET GHG REDUCTIONS AND GHG REMOVAL ENHANCEMENTS (QR_v)

In the appropriate column below, enter the total net GHG Reductions and GHG Removal Enhancements (metric tons CO₂e) 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 YYYY-MM-DD 2021-04-01 to 2022-03-31	Current Reporting Period minus 1 year YYYY-MM-DD 2020-04-01 to 2021-03-31	Current Reporting Period minus 2 year YYYY-MM-DD 2019-04-01 to 2020-03-31	Current Reporting Period minus 3 year YYYY-MM-DD 2018-04-01 to 2019-03-31	Current Reporting Period minus 4 year YYYY-MM-DD 2017-04-01 to 2018-03-31	Current Reporting Period minus 5 year YYYY-MM-DD 2016-04-01 to 2017-03-31
120,325	8,260	8,223	8,102	10,331	3,624

PART XII. ATTESTATION AND OPO SIGNATURE			
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: Yurok Tribe/Forest Carbon Partners CKGG Improved Forest Management Project			
Reporting Period Start Date: from 2021-04-01		Reporting Period End Date: to 2022-03-31	
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			
☐ U.S. Forest Projects, June 25, 2015			
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: 		PRINTED NAME: Earl Jackson	
TITLE: Deputy Executive Director - Admin		DATE: 9/07/2022	

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PART XIII. ATTACHMENTS

Relevant shapefiles are available for distribution to the Verification Body and the Offset Project Registry.

XIII(A). LIST OF ATTACHMENTS

The following attachments are being provided with this OPDR.

Attachment File Name	Description	Note
ckgg-inv-methods-2021_20210819.pdf	Newly approved inventory methods	Includes changes to plot design, sampling design, and project stratification

PART XIV. SELECTED REFERENCES

References listed here were not necessarily cited in the document or its attachments.

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- FIA. 2010a. FIA Volume Equation Documentation (dated 22 March 2010). USDA Forest Service, Pacific Northwest Research Station.
- FIA. 2010b. Regional biomass equations used by FIA to estimate bole, bark, and branches (updated 13-Jan-2010). USDA Forest Service, Pacific Northwest Research Station.
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- Keyser, Chad E. comp. 2008 (revised May 30, 2014). Inland California and Southern Cascades (CA) Variant Overview – Forest Vegetation Simulator. Internal Rep. Fort Collins, CO: U. S. Department of Agriculture, Forest Service, Forest Management Service Center. 64 p.
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- Krumland, Bruce and Helge Eng. 2005b. CA_SITEINDEX Users Guide and Programming Notes. On CALFIRE website at http://www.fire.ca.gov/resource_mgt/resource_mgt_stateforests_publications_reports_sitereports.php
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Background for U.S. Forest Offset Project Data Report Annual Reporting Period – All Project Types

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. This form is designed to help OPOs and APDs provide all the information required for offset projects using both the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 and the Compliance Offset Protocol U.S. Forest Projects, November 14, 2014. (However, this form may be insufficient for reporting all information required by the Compliance Offset Protocol U.S. Forest Projects, June 25, 2015.) This information 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.

Items marked as eligible for deferment by Reforestation Projects may be deferred by Reforestation Projects as qualified in section 6.1.1 of the U.S. Forest protocol until submitting the Offset Project Data Report that will undergo the second verification. If deferring, check the "defer" box and leave the remaining fields blank.

Where to Submit Information Contained in This Form

Please complete the information on the form using your computer. Then either add an electronic signature to the form or print, sign, and scan the form. The completed and signed information and all supporting documentation should be emailed to the appropriate Offset Project Registry.

This form is available 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 Annual Reporting Period – All Project Types

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 this information.
- Regulatory amendment in section 95976(d)(10) requires that each version of the OPDR specifies the version number and the date submitted. Moreover, the protocol requires that each OPDR include the date of completion. Please include the OPDR version number, the date of OPDR completion, and the date of OPDR submission to the Offset Project Registry.
- The person submitting the information should indicate the date the form is completed.
- List the name, phone, and email address of the person submitting the information. This person should be an employee of the OPO or APD. The person submitting the information need not be the contact person listed for the OPO or APD in Part III and also need not be the OPO's CITSS account representative signing the OPDR in Part XII.

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Part II. Offset Project Information:

- Provide the name for the offset project and its Offset Project Registry ID number, as provided by the Offset Project Registry listing the project. Also include the ARB project ID number, if known.
- Indicate the Offset Project Commencement Date and the start and end date of the Reporting Period covered by this Offset Project Data Report. Supply date of last verification.
- Indicate the version of the compliance offset protocol under which the project is listed. Also indicate the version under which the project is reporting. A project may report under the version which it is listed or may transition to a subsequent version. A project may transition only at the time of submitting the initial Offset Project Data Report to the Offset Project Registry (see section 95973(a)(2)(D)).
- Indicate whether this Offset Project Data Report is being submitted for a verification year.
- Indicate if this OPDR is being submitted in the Initial Reporting Period. If yes, then the OPO/APD must also complete the appropriate U.S. Forest OPDR Initial Reporting Period Form in addition to this Annual Reporting Form. Indicate which of the Initial Reporting Period Forms is attached to this OPDR. These forms can be found at: <http://www.arb.ca.gov/cc/capandtrade/offsets/forms/forms.htm>

Part III. OPO/APD Information:

- Provide contact information for the Offset Project Operator (OPO) and Authorized Project Designee (APD) for the offset project. Every project will have an OPO. If a project does not have an APD, please mark the box indicating the 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. Offset Project Eligibility Requirements

- A. Identify whether the project and associated lands are in compliance with all local, state and federal regulatory requirements for this reporting period. In particular, identify any non-conformance with regard to growth and harvest legal requirements that affect the project area's compliance. If there is a non-compliance within the Project Area, the OPO/APD must identify the non-compliance and provide a description and explanation.
- B. Respond to questions 1-4 to indicate how the project meets the definition of Natural Forest Management. Refer to Section 3.8.2 and Table 3.2 for more information. Responses are required for all projects. Questions pertain to Native Species, Composition of Native Species, Distribution of Age Classes, Sustainable Management, and Structural Elements.
- C. Indicate if there has been a decrease of onsite standing live carbon stocks over a 10-year consecutive period. If so, the OPO/APD must submit the appropriate supporting documentation required in Section 3.8.3 of the U.S. Forest protocol demonstrating that the decrease meets one of three exceptions listed in Protocol.

Part V. Project Changes

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- A. Indicate if all the information in the Project Listing Form is still accurate. For information not still accurate, provide the updated information or describe where the updated information is otherwise included in the OPDR.
- B. Indicate if a Forest Owner has acquired new landholdings and describe how the new landholdings meet the requirements of the Compliance Offset Protocol.
- C. Indicate if a Qualified Conservation Easement has been recorded since the previous Reporting Period and submit a copy of the QCE as an attachment to this report. Any changes to the legal constraints affecting the forest offset Project Area or management therein must be described in an attachment. Refer to sections 3.1, 6.1.1, 6.2.1, and 6.3.1 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 6.2.1 and 6.3.1 between the two versions.)
- D. Indicate if there has been any modification to the inventory methodology of any carbon pools included in the project's boundary since the last Reporting Period. If yes, then describe any modification. If the OPO/APD has a qualified Reforestation Project that is deferring due to lack of inventory, check "defer." For more detailed requirements, refer to 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. (There are some differences in Appendix A.3 between the two versions.)

Part VI. Reversals

- A. Indicate if any GHG reductions or GHG removal enhancements that have been issued credits during any prior year have been reversed. If the project's GHG reductions or removal enhancements are negative, regardless of cause of the decrease, these must be reported. Indicate whether it is an intentional or unintentional reversal. This includes planned thinning or harvesting activities if they result in a negative value as specified in the Protocol. Refer to section 7 of the U.S. Forest protocol. If there has been a reversal include the dates the reversal occurred, metric tons CO₂e reversed, and the current status of the compensation of the reversal. Refer to Section 95983 of the Cap-and-Trade Regulation for information on compensating for reversals.
- B. If the Project is undergoing verification, indicate whether a reversal has occurred during the previous six years unless this OPDR is part of an Initial Reporting Period. All projects must report reversals that occurred since the previous verification. Projects submitting an Annual Offset Project Data Report must report any reversals and provide a written description and explanation of the reversal, including whether it is intentional or unintentional and the status of compensation for the reversal. If there has been a reversal include the dates the reversal occurred, metric tons CO₂e reversed, and the current status of the compensation of the reversal. Refer to Section 95983 of the Cap-and-Trade Regulation for information on compensating for reversals.
- C. Indicate the project's reversal risk rating following the requirements of Appendix D of the U.S. Forest protocol. The reversal risk rating must be determined prior to listing and recalculated every year the project undergoes verification. Also indicate the project's fire risk based on the level of fuel treatments, as required in Appendix D.

Part VII. Harvest Volumes and Carbon in Wood Products

- A. Estimate the harvest volume in pounds of biomass with zero moisture content following the steps in Appendix C, Section C.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 C.1 between the two versions.)

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- B. Report the mill efficiency identified in the project's Assessment Area from the Forest Offset Protocol Resources on the ARB website: <http://www.arb.ca.gov/cc/capandtrade/protocols/usforestprojects.htm>
- C. Report the metric tons of carbon in the harvested wood products following the quantification methodology in Appendix C 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 C.1 between the two versions.)

Part VIII. Carbon Stocks:

- 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. Refer to section 6.1.1 of the U.S. Forest protocol.
- Write the name and Sources, Sinks, and Reservoirs (Column "SSR") and the associated identification number found in Tables 5.1-5.3 of the U.S. Forest protocol for the appropriate project type for each included carbon pool. Write the name and SSR for all required pools even if deferring the submission of data.
- Enter the current Reporting Period estimate of the identified carbon pool (metric tons CO₂e) in the second column. Follow the method in Appendix A, Sections A.2 and 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. (There are some differences in Sections A.2 and A.3 between the two versions.) Check "defer" in the space provided if deferring the submission of data.
- If submitting the Offset Project Data Report for a verification year, carbon stock estimates for every year since the last verification must be provided in the remaining columns.

Part IX. Baseline Carbon Stocks:

- Reforestation Projects may defer estimating baseline carbon stocks not affected by site preparation until a full inventory is conducted. If deferring, baseline estimates of carbon stock affected by site preparation must still be reported. Refer to section 6.1.1 of the U.S. Forest protocol.
- Write the name and/or identifier of each required carbon pool in the first column. Refer to Section 5 of the U.S. Forest protocol. Please list the carbon pools in the same order as in Part VIII. Write the name and/or identifier of all applicable pools even if deferring the submission of data.
- Enter the current Reporting Period baseline estimate of the identified carbon pool (metric tons CO₂e) in the second column. Follow the method in Section 6 and Appendix B 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 Section 6 and Appendix B between the two versions.) Check "defer" in the space provided if deferring the submission of data.
- If submitting the Offset Project Data Report for a verification year, carbon stock baseline estimates for every year since the last verification must be provided in the remaining columns.

Part X. Quantification Factors

- The current Reporting Period column is required for all submissions. If submitting the Offset Project Data Report for a verification year, values for every year since the last verification must be provided in the remaining columns.

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- A. Estimate the project's secondary effects (metric tons CO₂e) including the appropriate secondary effect sources, sinks, and reservoirs required in Section 5 and following the quantification methodology in Section 6 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 Section 6 between the two versions.)
- B. Determine the confidence deduction (percentage) following Appendix A.4 of the U.S. Forest protocol.
- C. Estimate the buffer account contribution (metric tons CO₂e) based upon application of the forest offset project's Reversal Risk Rating to the total net GHG Reductions and GHG Removal Enhancements.
- D. Report the calculated uncertainty discount factor (percentage) as determined following the requirements of Section 6.3 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. (There are some differences in Section 6.3 between the two versions.) Projects other than Avoided Conversion should check the "N/A" box.

Part XI. Total Net GHG Reductions and GHG Removal Enhancements (QRy):

- Determine the total net GHG reductions and GHG removal enhancements (metric tons CO₂e) following Equation 6.1 in the U.S. Forest protocol.
- Current Reporting Period column is required for all submissions. If submitting the Offset Project Data Report for a verification year, the total net GHG Reductions and GHG removal enhancements for every year since the last verification must be provided in the remaining columns.

Part XII. Attestation and OPO Signature:

- Section 95975(d)(5) of the Cap-and-Trade Regulation requires an attestation for Offset Project Data Reports. The attestation should be initialed by the person signing the form.
- The attestation requires the applicant to provide some information to complete the statement. The offset project name and Reporting Period start and end dates should match the information provided in Part II. Also indicate the protocol version under which this project is reporting. This may differ from the version under which the protocol is listed.
- Amendments adopted in April 2014 to section 95976(d)(6) require the attestation "be provided to an Offset Project Registry with the Offset Project Data Report if the offset project is listed with an Offset Project Registry."
- The individual signing the document must be registered in CITSS as the OPO's Primary Account Representative or Alternate Account Representative. 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.

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