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

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

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

PART I. ENTITY SUBMITTING REPORT

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

☒ **OPO**
☐ **APD**

Date Report Completed:	**Person Completing Report:**	**Phone Number:**	**Email Address:**
12/1/2017	Edward C. Murphy	(530) 378-8131	emurphy@spi-ind.com

PART II. OFFSET PROJECT INFORMATION

Offset Project Name:	**OPR Project ID#:**	**ARB Project ID#** (if known):
Sacramento Canyon ARB001	CAR1041	CAFR5038

Reporting Period Start Date:	**Reporting Period End Date:**	**Offset Project Commencement Date:**
2/4/2015	2/3/2016	12/19/2013

Date of Last Full (On-Site) Verification: This is the first annual report therefore NA

Is this report being submitted for a verification year? ☒ **Yes** ☐ **No**

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 Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. 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 Initial Reporting Forms also being submitted?

U.S. Forest Offset Project Data Report Initial Reporting Period -

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

PART III. OPO/APD INFORMATION

A. OPO

OPO Name:	**OPO's CITSS ID#:**
Sierra Pacific Industries (SPI)	CA 1 5 5 5

Mailing Address:	**City:**	**State:**	**Zip:**
P.O. Box 496028	Redding	CA	96049-6028

Contact Person:	**Phone Number:**	**Email Address:**
Edward C. Murphy	(530) 378-8131	emurphy@spi-ind.com

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:**

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

PART IV. OFFSET PROJECT ELIGIBILITY REQUIREMENTS

A. Have the Forest Project and associated Project Lands met and been in compliance with all local, state, and federal regulatory requirements during the Reporting Period?

☒ Yes
☐ No

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

B. Indicate how the offset project meets the definition of Natural Forest Management per Table 3.2 in the Compliance Offset Protocol US Forest Offset Projects, October 20, 2011 by completing Questions B1-B4 below:
Note: Reforestation projects with deferred inventory and Project Boundaries are still required to complete Questions B1-B4.

1. Native species:

a) Does the project consist of at least 95% native species based on the estimated sum of carbon in the standing live carbon pool?
If "no," proceed to question 1b. Otherwise, skip to question B2.

☒ Yes
☐ No

b) Describe how the project will result in achieving a 95% native species goal over the project life.

Forest Project's species composition contains the 95% threshold of native species based on live basal area per acre at Project Commencement. Shown below is the % distribution by basal area of the listed native species (refer to OPDRInit_SacBasalPercentage_2016.xls):

AL	BO	DF	DP	IC	KP	LO	LP	MA	MH	PC	PP	SP	TO	WF	WP
0.41%	6.68%	58.34%	0.01%	3.61%	0.04%	12.63%	0.01%	4.66%	0.55%	0.01%	4.21%	3.73%	0.32%	4.66%	0.01%

YW
0.13%

AL: White Alder; BO: Black Oak; DF: Douglasfir; DP: Gray Pine; IC: Incense Cedar; KP: Knobcone Pine; LO: California Live Oak; LP: Lodgepole Pine; MA: Maple; MH: Miscelaneous Hardwoods; PC: Port Orford Cedar; PP: Ponderosa Pine; SP: Sugar Pine; TO: Tan Oak; WF: White Fir; WP: Western White Pine; YW: Yew.

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.

N/A. As depicted above in Part IV(B)(1)(b), there's no single species exceeding the Southern Cascade Mixed Conifer Assessment Area's (High Site Class) "Species Diveristy Index" of 65% at Project Commencement. The Forest Project project area meets this constraint.

c) If the Project Area does not naturally consist of a mixed species distribution: Will or have you provided a written statement from the government agency in charge of forestry regulation in the state where the project is located stipulating that the Project site is not capable of meeting the requirement of mixed species distribution.

☐ Yes
☐ No

3. Distribution of age classes/sustainable management:

a) Indicate how the project meets the requirement for sustainable management if regeneration or commercial harvesting is either planned or initiated within the Project Area demonstrating sustainable long-term harvesting practices. This applies to all forest landholdings of the Forest Owner(s)
(check one of the boxes).
The full text associated for the options below is found in section 3.8.1 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.

☒ 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

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

☒ Yes
☐ No

areas.) **Does the acreage within this project meet this requirement?**
If "no," proceed to question 3c. Otherwise, skip to question B4.

Explain how the project demonstrates continuous progress toward meeting this requirement within the next 25 years.

N/A. Refer to "2016_SacRegen_PWS_Analysis.xlsx" (watershed scale analysis)

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 current standing dead wood stocks are 0.44 metric tons of carbon, and when converted, is 1.61 metric tonnes of CO2e per acre (above & below ground). These estimates are based on applying CAR's qualification guidance (11/15/2012) procedures under 2.7. In this case, 1 metric ton standard of carbon per acre is higher than 1% of standing live carbon stocks, and therefore the required carbon stocks in standing dead are below the minimum requirements for the project area.

SPI has management policies and practices for maintenance and protection of existing standing and lying dead wood as well as specific silvicultural practices that maintain the processes that cause mortality (standing dead wood) over time. As part of SPIs' habitat retention polices in its evenaged units, SPI provides sites where the natural process of density induced mortality is allowed to continue, thus providing the one controlable causitive agent for future standing dead wood recruitment to continue to produce standing dead wood. These forest elements are very difficult to model (very poor predictive power), but we will continue to monitor these structural elements with our continuing forest inventory over time and report them to the verifier to show continued meeting of the required amounts. SPI does not plan or intend to remove lying dead wood in any of its commercial activities, in fact SPI requires that when snags must be felled for safety and operational needs, that the resulting lying dead wood be retained on site.

C. Has there been a decrease in the standing live carbon stocks within the Project Area over any 10-year consecutive period?
For the Initial Reporting Period, check "No." If "No," skip to Part V. If yes, answer questions C1 and C2.

☐ Yes
☒ No

1. **If yes, identify the appropriate option and provide additional documentation.**

☐ **Decrease is due to the necessity to substantially improve the Project Area's resistance to wildfire, insect, or disease risks. Actions that will be taken to reduce the risks must be documented and the techniques used to improve resistance must be supported by relevant published peer reviewed research.**
☐ **Decrease is associated with a planned balancing of age classes and is detailed in a long-term management plan that demonstrates harvest levels can be permanently sustained over time and that is sanctioned and monitored by a state or federal agency. This documentation must be submitted at the time of the Project's Listing.**
☐ **Decrease is part of normal silviculture cycles for forest ownerships less than 1,000 acres.**

Note: Documentation is required to be submitted. See Section X for details.

2. **Has the Project's inventory of standing live carbon stocks fallen below the Project's baseline standing live carbon stocks, or 20 percent less than the Project's standing live carbon stocks at the project's initiation (whichever is higher)?**

☐ Yes
☒ No

PART V. PROJECT CHANGES

A. Is all the information in the offset project listing still accurate?

☐ Yes
☒ No

If no, provide updates to the relevant listing information.

Part II. Offset Project Information

First Reporting Period Start Date was 1/1/2012 and has been changed to 1/1/2014.

Commencement Date Explaination & Justification was also changed.

Part V. Offset Project Area: The Project Area Latitude & Longitude is slightly different, and the Total Acreage was 16,941.40 and has been changed to 16,957.81 acres.

Part V(A)-V(F), V(H): The original short responses has been revised to a more descriptive response.

Part V(I): A species legend has been added with two supporting referenced documents.

Part VI(B)(1)(b) which cross references to OPDR Initial to Part VI(D)(2)(b): The original response has been revised to now refer back to Part V(I) in the OPDR Initial.

Part VI(B)(3)(c): The original "N/A" changed to Refer to "Confidential…xlsx" Age Class Distribution.

Part VI(B)(4) structural element description has been revised.

Part VII(A): IFM-1 & IFM-3 descriptions were revised now only to reference a Confidential OPDRInit_Attachment_VII(A): Inventory Methodology

Part VII(A) IFM-7 - IFM-9 original descriptions has been revised.

Part VII(B): descriptions for IFM-1-IFM-3, IFM-7-IFM-9 has been revised.

Part VII(C): the summary of carbon stocks for associated pools has been revised.

Part VII(D): Confidence statistics changed from 1.19% to 1.01% and to refer to "…xlsx" doc.

Part VII(E): has been revised to include an estimate of contribution to the Buffer Account .

Part VIII(A)(1): original description changed to refer to "…pdf" document.

Part VIII(A)(2): the original estimate for project's baseline onsite carbon stocks was 204.07 and changed to 199.89.

Part VIII(A)(5): the original estimates of harvest per acre was 3.67 and changed to 4.0 Also, an estimate of harvested wood products for the baseline of 9,975 MTC02e is now included.

Part VIII (B)(1) & (2): the original estimate of intial above ground (live) was 155.64 and now is 159.68 metric tons CO2e/acre in above ground live carbon stocks.

Part VIII(B)(6) which crossreferences to OPRDR Initial Part VIII(B)(5) : The originial short response to describe legal constraints has been revised to refer to supporting docs.

Part VIII(B)(7) which crossreferences to OPDR Initial Part VIII(B)(6): Two supporting documents are now referenced at the bottom of the modeling technique description.

B. Have there been any changes in the status of the Forest Owner including, if applicable per Section 3.8.1 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011, 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.

Several SPI landownership changes have occurred between 1/1/2014 to 2/03/2016, which resulted in a net positve change to SPI ownership. These changes to SPI ownership were outside of the Forest Project. Supporting documentation shall be provided during the Site Visit. All acquistions are incorporated into our SFI certification before 5 years from such purchases elapses.

C. Optional: Has a Qualified Conservation Easement (QCE) been recorded since the previous Reporting Period?

If this is for the Initial Reporting Period, check "Yes" if a QCE has been recorded since Listing, check "No" otherwise. If "No," skip to Question D.

☐ **Yes**
☒ **No**

Optional: If yes, provide the date the QCE was recorded. *Also provide a copy of the QCE to ARB.*

D. Optional: Have there been any modifications to the inventory methodology of any carbon pools included in the project's boundary since the last Reporting Period?

All projects are required to document any modifications to inventory methodologies in a change log and obtain approval in advance. Qualifying Reforestation Projects may defer answering this question until the second full verification. If this is for the Initial Reporting Period, check "No," unless there have been modifications since project listing, in which case, check "Yes."

☐ **Yes**
☒ **No**
☐ **Defer**

Optional: If yes, describe the modifications.

PART VI. REVERSALS

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

A. Has a reversal occurred during the Reporting Period covered by this report?
If this is for the Initial Reporting Period, check "No."
If "No," skip to question B.

☐ **Yes**
☒ **No**

Has the reversal been classified as intentional or unintentional?

☐ **Intentional**
☐ **Unintentional**

Optional: Date(s) Reversal Occurred:

Optional: Estimated Quantity of Reversal in Units of MtCO2e:

Describe and explain the reversal.

What is the status of the compensation for the reversal?		
B. For verification years ONLY: Has a reversal occurred during the previous six years? *If this is for the Initial Reporting Period, check "No."*		☐ Yes ☒ No
Has the reversal been classified as intentional or unintentional?		☐ Intentional ☐ Unintentional
Optional: Date(s) Reversal Occurred:	**Optional:** Estimated Quantity of Reversal in Units of MtCO2e:	
Describe and explain the reversal.		
What is the status of the compensation for the reversal?		
C. What is the Project's reversal risk rating?	Risk Rating: 19.24 %	☐ Defer
What is the Project's fire risk based on level of fuel treatments?	☐ High (2%) ☐ Medium (2.652%) ☐ Low (3.304%) ☒ None (4 %)	

PART VII. HARVEST VOLUMES AND CARBON IN WOOD PRODUCTS

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

A. *Provide an estimate of the harvest volume for this Reporting Period. This estimate refers to the volume of trees harvested for wood products only.	Harvest Volume (lbs): 13,160,519	☐ 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): 0.675	☐ Defer
C. *Provide an estimate of carbon in harvested wood products associated with the harvest volumes reported for this Reporting Period.	Carbon estimate (MtCO2e): 10,936	☐ Defer

PART VIII. CARBON STOCKS

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

Carbon Pool *Identify the pool by the SSR code (e.g., AC-1) and description (Standing live carbon) in Tables 5.1-5.3.*	Current Reporting Period 02/2015 to 02/2016	Current Reporting Period minus 1 year 01/2014 to 02/2015	Current Reporting Period minus 2 years / to /	Current Reporting Period minus 3 years / to /	Current Reporting Period minus 4 years / to /	Current Reporting Period minus 5 years / to /
Standing Live (Net: above & below): IFM-1	3,485,374	3,395,902				
Standing Dead (Net: above & below): IFM-3	27,339	27,339				
Carbon in in-use forest products: IFM-7	3,399	5,858				
Forest product carbon in landfills: IFM-8	2,180	3,757				
Biological Emission (20% Leakage): IFM-14	2,521	4,310				

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

Biological emissions from decomposition of forest products: IFM-17	0	0				

PART IX. BASELINE CARBON STOCKS

In the appropriate columns below, enter the name/identification of all required carbon pools and its estimated *baseline* carbon stock ($MtCO_2e$) for the current Reporting Period.
For verification years ONLY: Report the estimated baseline carbon stock for every year since the Project's last verification.

☐ **Defer**

Reforestation Projects may defer estimating baseline carbon stocks not affected by site preparation until a full inventory is obtained. If deferring, baseline estimates of carbon stock affected by site preparation must still be reported below.

Carbon Pool *Identify the pool by the SSR code (e.g., AC-1) and description (Standing live carbon) in Tables 5.1-5.3.*	**Current Reporting Period** 02/2015 to 02/2016	**Current Reporting Period minus 1 year** 01/2014 to 02/2015	**Current Reporting Period minus 2 years** / to /	**Current Reporting Period minus 3 years** / to /	**Current Reporting Period minus 4 years** / to /	**Current Reporting Period minus 5 years** / to /
Standing Live (Net above & below) [avg.]: IFM-1	2,721,389	2,721,389				
Standing Dead (Net above & below): IFM-3	27,339	27,339				
Carbon in in-use forest products: IFM-7	9,975	9,975				
Forest product carbon in landfills: IFM-8	6,398	6,398				
Biological Emission (20% Leakage): IFM-14	11,132	11,132				
Biological emissions from decomposition of forest products: IFM-17	0					

PART X. QUANTIFICATION FACTORS

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

	Current Reporting Period 02/2015 to 02/2016	**Current Reporting Period minus 1 year** 01/2014 to 02/2015	**Current Reporting Period minus 2 years** / to /	**Current Reporting Period minus 3 years** / to /	**Current Reporting Period minus 4 years** / to /	**Current Reporting Period minus 5 years** / to /
A. Secondary Effects ($MtCO_2e$)	-8,611	-6,822				
B. *Confidence Deduction (%) ☐ **Defer**	0					
C. *Forest Buffer Account Contribution ($MtCO_2e$) ☐ **Defer**	13,897	127,424				
D. For Avoided Conversion Projects ONLY: What is the Project's uncertainty discount factor?					%	☒ N/A

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

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

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

Current Reporting Period	Current Reporting Period minus 1 year 01/2014 to 02/2015	Current Reporting Period minus 2 years / to /	Current Reporting Period minus 3 years / to /	Current Reporting Period minus 4 years / to /	Current Reporting Period minus 5 years / to /
72,226	662,284				

PART XII. ATTESTATION AND OPO/APD SIGNATURE

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

Initials	Project Name:		Reporting Period Start Date:		Reporting Period End Date:
ECM	Sacramento Canyon ARB001	from	2/04/2015	to	2/3/2016

are measured in accordance with the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011, 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:
Edward C Murphy	Edward C. Murphy
TITLE: Information and Environmental Services Manager	**DATE:** 12/1/2017

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

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 Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. 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 Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 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.
- The person providing this information should indicate the date the report is completed.
- List the name, phone, and email of the person completing this report. This person should be an employee of the OPO or APD, whichever entity is submitting this information. 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 attestations in Part XII.

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 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 Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 demonstrating that the decrease meets one of three exceptions listed in Protocol.

Part V. Project Changes

- A. Indicate if all the information in the Project Listing Form is still accurate and
- 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 the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.
- 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". Refer to Appendix A.3 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 for more detailed requirements.

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 Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. If there has been a reversal include the dates the reversal occurred, MtCO2e 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, MtCO2e 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.
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- C. Indicate the project's reversal risk rating following the requirements of Appendix D of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. Part VI C. 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 in the Protocol.

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 the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.
- 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 the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.

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 Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.
- Write the name and Sources, Sinks, and Reservoirs (Column "SSR") and the associated identification number found in Tables 5.1-5.3 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011 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 ($MtCO_2e$) in the second column. Follow the method in Appendix A, Sections A.2 and A.3 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. 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 Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.
- Write the name and/or identifier of each required carbon pool in the first column. Refer to Section 5 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. 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 ($MtCO_2e$) in the second column. Follow the method in Section 6 and Appendix B of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. 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.
- A. Estimate the project's secondary effects ($MtCO_2e$) including the appropriate secondary effect sources, sinks, and reservoirs required in Section 5 and following the quantification methodology in Section 6 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.
- B. Determine the confidence deduction (percentage) following Appendix A.4 of the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.
- C. Estimate the buffer account contribution ($MtCO_2e$) 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 the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011. 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 ($MtCO_2e$) following Equation 6.1 in the Compliance Offset Protocol U.S. Forest Projects, October 20, 2011.
- 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/APD 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.
- The attestations must be submitted to ARB but need not be submitted to ARB until requesting issuance of ARB offset credits. A request for issuance of ARB offset credits requires a copy of the Offset Project Data Report, and providing the attestations on this form will satisfy the regulatory requirements.
- 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 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.

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