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**

Report Version Number:	**Date Report Completed:**	**Date Report Submitted:**
1.1.2.1	6/14/2023	6/16/2023

Person Completing Report:	**Phone Number:**	**Email Address:**
Kathleen Moxon	707-498-9502	kathleen.moxon@gmail.com

PART II. OFFSET PROJECT INFORMATION

Offset Project Name:
Usal Redwood Forest IFM

OPR Project ID#:	**ARB Project ID#** (if known):	**Offset Project Commencement Date:**
CAR1139	CAFR5281	June 13, 2007
Date of Last Full (On-Site) Verification:	**Reporting Period Start Date:**	**Reporting Period End Date:**
March 25, 2022	January 1, 2022	December 31, 2022

Is this report being submitted for a verification year?

☒ **Yes**
☐ **No**

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

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

☐ **Yes**
☒ **No**

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

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

PART III. OPO/APD INFORMATION

A. OPO

OPO Name:			**OPO's CITSS ID#:**	
Usal Redwood Forest Company, LLC			CA 1 8 8 2	
Mailing Address:		**City:**	**State:**	**Zip:**
90 W. Redwood Avenue		Fort Bragg	CA	95437
Contact Person:	**Phone Number:**	**Email Address:**		
Kathleen Moxon	707-498-9502	kathleen.moxon@gmail.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.

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B. Indicate how the offset project meets the definition of Natural Forest Management per Table 3.2 in the U.S. Forest protocol by completing Questions B1-B4 below:
Note: Reforestation projects with deferred inventory and Project Boundaries are still required to complete Questions B1-B4.

1. Native species:

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

☒ **Yes**
☐ **No**

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

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.
See Addendum to OPDR (Annual) IV.B.2

☒ **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

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

☐ **Yes**
☐ **No**

3. Distribution of age classes/sustainable management:

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

☒ **Third party certification**
☐ **Adhere to a renewable long-term management plan**
☐ **Employs uneven-aged silvicultural practices & maintain canopy retention averaging 40% across forest**
☐ **Not applicable, no commercial harvesting in planned within the project area**

See Addendum to OPDR (Annual) IV.B.3(a).

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 Addendum to OPDR (Annual) IV.B.3(b).

☒ **Yes**
☐ **No**

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

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 Addendum to OPDR (Annual) IV.B.4.

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

☐ **Yes**
☒ **No**

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

☐ **Decrease is due to the necessity to substantially improve the Project Area's resistance to wildfire, insect, or disease risks. Actions that will be taken to reduce the risks must be documented and the techniques used to improve resistance must be supported by relevant published peer reviewed research.**
☐ **Decrease is associated with a planned balancing of age classes and is detailed in a long-term management plan that demonstrates harvest levels can be permanently sustained over time and that is**

sanctioned and monitored by a state or federal agency. This documentation must be submitted at the time of the Project's Listing. ☐**Decrease is part of normal silviculture cycles for forest ownerships less than 1,000 acres.** *Note: Documentation is required to be submitted. See Section X for details.*	
2. Has the Project's inventory of standing live carbon stocks fallen below the Project's baseline standing live carbon stocks, or 20 percent less than the Project's standing live carbon stocks at the project's initiation (whichever is higher)?	☐ **Yes** ☐ **No**

PART V. PROJECT CHANGES

A. Is all the information in the offset project listing still accurate? *If "Yes," skip to question B.*	☐ **Yes** ☒ **No**
1. Does Part II above report an updated Offset Project Commencement Date, Reporting Period Start Date, and/or Reporting Period End Date?	☐ **Yes** ☒ **No**
2. Does Part III above report updated OPO/APD Information? See Addendum to OPDR (Annual) V.A.2.	☒ **Yes** ☐ **No**
3. Are there updates to the Land Ownership listing information? *If "Yes," provide updates below (and/or provide as separate attachment):*	☐ **Yes** ☒ **No**
4. Are there updates to the Offset Project Area listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* See Addendum to OPDR (Annual) V.A.4.	☒ **Yes** ☐ **No**
5. Are there updates to the Carbon Stock Inventory listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* See Addendum to OPDR (Annual) V.A.5.	☒ **Yes** ☐ **No**
6. Are there updates to the Offset Project Baseline listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* See Addendum to OPDR (Annual) V.A.6.	☒ **Yes** ☐ **No**
7. Are there any other updates to the listing information? *If "Yes," provide updates below (and/or provide as separate attachment):* See Addendum to OPDR (Annual) V.A.7.	☒ **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. N/A	
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.* N/A	
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. See Addendum to OPDR (Annual) V.D.	

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: N/A	**Optional:** Estimated Quantity of Reversal in Units of MtCO2e: N/A
Describe and explain the reversal.	

N/A		
What is the status of the compensation for the reversal? N/A		
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: N/A	**Optional:** Estimated Quantity of Reversal in Units of MtCO2e: N/A	
Describe and explain the reversal. N/A		
What is the status of the compensation for the reversal? N/A		
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):** 3,612,723	☐ **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 (softwood) 56.8 (hardwood)	☐ **Defer**
C. *Provide an estimate of carbon in harvested wood products associated with the harvest volumes reported for this Reporting Period.	**Carbon estimate (MtCO2e):** 3,002	☐ **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** 1/1/2022 **to** 12/31/2022	**Current Reporting Period minus 1 year** / **to** /	**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** /
IFM-1 Standing Live carbon	14,907,218					
IFM-3 Standing Dead Carbon	235,369					
IFM-7 Carbon in in-use Forest Products	932					
IFM-8 Forest Product Carbon in Landfills	602					

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

IFM-14 Biological emissions /removals from change in harvesting on forestland outside Project Area	-25,868					

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.
See Addendum to OPDR (Annual) XI.

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** 1/1/2022 **to** 12/31/2022	**Current Reporting Period minus 1 year** / **to** /	**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** /
IFM-1 Standing Live carbon	9,753,445					
IFM-3 Standing Dead Carbon	231,483					
IFM-7 Carbon in In-use Forest Products	21,627					
IFM-8 Forest Product Carbon in Landfills	13,972					

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.

See Addendum to OPDR (Annual) XI.

	Current Reporting Period 1/1/2022 to 12/31/2022	Current Reporting Period minus 1 year / to /	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 ($MtCO_2e$)	-25,868					
B. *Confidence Deduction (%) ☐ **Defer**	0.0					
C. *Forest Buffer Account Contribution ($MtCO_2e$) ☐ **Defer**	49,248					
D. For Avoided Conversion Projects ONLY: What is the Project's uncertainty discount factor?					%	☒ **N/A**

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.

See Addendum to OPDR (Annual) XI.

Current Reporting Period	Current Reporting Period minus 1 year / to /	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 /
256,015					

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

PART XII. ATTESTATION AND OPO SIGNATURE				
Initial	**I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for**			
	Project Name: Usal Redwood Forest IFM			
	from	Reporting Period Start Date: January 1 , 2022	**to**	Reporting Period End Date: December 31, 2022
	are measured in accordance with the Compliance Offset Protocol			
	Check the appropriate Compliance Offset Protocol: ☐ **U.S. Forest Projects, October 20, 2011,** ☒ **U.S. Forest Projects, November 14, 2014,**			
	and all information required to be submitted to ARB is true, accurate, and complete.			

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

SIGNATURE:	**PRINTED NAME:** Kathleen Moxon
TITLE: Primary Account Representative	**DATE:** June 16, 2023

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 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.

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

- 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, 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.

- 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.)
- 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 ($MtCO_2e$) 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 ($MtCO_2e$) 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.
- 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 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 ($MtCO_2e$) 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 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 ($MtCO_2e$) 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.

Usal Redwood Forest IFM

CAR1139, CAFR5281

Addendum to OPDR for the Annual Reporting Period Form

Under

Air Resources Board

Compliance Offset Protocol – U.S. Forest Projects

Adopted: November 14, 2014

Prepared June 14, 2023

Version 1.1.2.1

Offset Project Operator

Usal Redwood Forest Company, LLC
528 South Main St.
Fort Bragg, CA 95437

Reporting Period

The reporting period for this OPDR is from 1/1/2022 to 12/31/2022.

Protocol Version

Air Resources Board
Compliance Offset Protocol – U.S. Forest Projects
Adopted: November 14, 2014

The OPDR and all other project documentation and reports that reference carbon stocks have been prepared and submitted by James D. Clark, California Registered Professional Forester (No. 2528).

Reporting Period Summary

Commercial harvesting occurred during the reporting period under portions of Timber Harvest Plans (THP) 1-20-00125-MEN and 1-20-00039-MEN. Harvesting under these THPs did not involve any current plots within the harvested portions of the THPs. Adjustments for harvest have been made through re-stratification of the harvested areas. When the THPs are completed in 2023, additional re-stratification will be undertaken at that time.

In addition to the above-described commercial harvesting, non-commercial stand treatments took place on the Project Area involving approximately 114 acres of pre-commercial thinning, and approximately 222 acres of shaded fuelbreak treatment. These non-commercial treatments were accounted for in the inventory update process through re-stratification of the treated areas and the installation or remeasurement of inventory plots.

IV.B.1.

Approximately 99.99% of the Project's biomass is in native species, and thus the Project meets the 95% criteria for carbon in native species. Regeneration activities proposed under the Project will utilize only native species.

IV.B.2.

The Usal Redwood Forest IFM Project Area is characterized by a mix of redwood, Douglas-fir, tanoak, madrone and other native hardwoods and conifers. It is estimated that, as of 12/31/2022, by basal area, the Project Area is composed of approximately 30% Douglas-fir, 26% Redwood, less than 0.15% in conifers other than Douglas-fir or Redwood, 37% tanoak, 5% Pacific madrone, and 2% in hardwoods other than tanoak and Pacific madrone. The Usal Redwood Forest Company intends to manage the timber stands to reduce the hardwood component and increase the confier component of redwood while ensuring that the Project continues to meet the requirements for composition of native species under Table 3.2 (page

20) of the Compliance Offset Protocol by maintaining species' basal area percentage below 60%, the Species Diversity Index from the Assessment Area Data File.

IV.B.3.

(a) The Usal Redwood Forest is Forest Stewardship Council (FSC) certified as of September 3, 2015. FCS certification is a third party forest management program that will be used to meet the sustainable long-term harvesting requirements per the Forest Project Protocol for this initial and future reporting periods. Silvicultural prescriptions associated with harvest have been limited to uneven-aged prescriptions and Special Prescriptions in the form of variable retention as defined by section 913.4 of the California Forest Practice Rules while also maintaining canopy cover averaging at least 40 percent across the entire forestland owned by the Forest Owner in the same Assessment Area covered by the Project Area. The Forest Owner owns no other forestland within the Assessment Area covered by the Project Area. As such, the Usal Redwood Forest Project has met the requirement for sustainable long-term harvesting for the initial reporting period by satisfying the first option under Section 3.8.1 of the Forest Project Protocol.

(b) As the Project Area is larger than 10,000 acres, the Project Area has been split by CALWATER planning watershed in order to determine compliance with the above requirement. As shown in Table 2 below, the Project is located within 20 CALWATER planning watersheds comprising the South Fork Eel River and Usal Creek watersheds with a relatively small area drained by Cottaneva and Jackass Creeks. Currently no more than 40% of the forested area in each watershed described above is less than 20 years in age.

Table 2: Project Age Class Distribution in 2015

CALWATER Watershed	IDNUM	Project Acreage	Project Acreage < 20 Years Old	% of Acreage < 20 Years
Bear Pen Creek	1111.320404	3,845	35.81	0.9%
Big Dann Creek	1111.320203	8		0.0%
Bridges Creek	1111.320405	61		0.0%
Cedar Creek	1111.320204	10		0.0%
Cottaneva Creek	1113.120101	120		0.0%
Jackass Creek	1113.110200	63	1.62	2.6%
Low Gap Creek	1111.320202	2,049		0.0%
Lower Hollow Tree Creek	1111.320302	3,850	436.69	11.3%
Lower Indian Creek	1111.320504	5,989	503.62	8.4%
Lower Usal Creek	1113.110101	5,286	60.45	1.1%
McCoy Creek	1111.320505	190		0.0%
Middle Hollow Tree Creek	1111.320301	549		0.0%
Mill Creek	1111.320401	1,859	28.48	1.5%
Piercy Creek	1111.320502	2,129	341.38	16.0%
Red Mountain Creek	1111.320403	0		0.0%
Standley Creek	1111.320501	5,046	34.01	0.7%
Upper Indian Creek	1111.320503	2,812	507.39	18.0%
Upper Sproul Creek	1111.320703	6		0.0%
Upper Usal Creek	1113.110102	9,971	235.72	2.4%
Wildcat Creek	1111.320402	4,138	164.66	4.0%
Grand Total		**47,982**	**2,349.82**	**4.9%**

IV.B.4.

URFC does not actively remove lying dead wood as a part of its stand management activities. It is expected that the accumulation of lying dead wood will be commensurate with recruitment from standing dead trees. URFC is committed to maintaining and increasing, the number of standing dead trees within the Project Area as a component of its forest management objectives. URFC has not recently conducted any salvage operations, nor does it intend in the future to actively pursue aggressive salvage operations on its timberlands. URFC may conduct

salvage harvesting in the future, but with the goal of maintaining a component of standing dead trees in the post treatment stands.

In the case of the Usal Redwood Forest IFM, the Project Area has not undergone any recent salvage harvesting. Therefore, all that must be demonstrated is that the greater of one metric ton of carbon per acre or 1% of standing live carbon stocks is present in standing dead wood, or that progress towards these targets is ongoing. The project currently contains an average of 1.34 Mg C per acre and 1.6% of standing live carbon stocks in standing dead wood. The project will continue to make progress towards the above mentioned standing dead wood target.

V.A.

The following information is copied from the Annual OPDR addendum for the initial reporting period submitted on November 14, 2016, no additional changes to the listing information have been made in this Annual OPDR:

The information provided in the OPDR form for the initial reporting period and this annual OPDR form includes some corrections, and adjustments to the calculations to the Project data, listed below. The following adjustments to the Application for Listing and Improved Forest Management U.S. Forest Offset Project are listed by section number in italic as they appear on the listing form:

V.A.2.

Updated OPO Information:

I

The Organization has been changed to Usal Redwood Forest Company, LLC.

III.A.

The OPO has been changed to Usal Redwood Forest Company, LLC., with CITSS ID# CA1882, and a new mailing address.

V.A.4.

Updates to the Offset Project Area Listing Information:

V

The listing form inadvertantly included the wrong project acreage as 49,571.24. The correct value is 47,981.54.

V.C.

The Project Area acreage changed from 47,979.24 acres to 47,981.54 acres. The Project Area changed slightly to reflect the removal of road acres from the Project Area in the GIS. Originally the road buffers were subtracted from the Project Area and not removed from it.

V.H.

The Usal Redwood Forest is now FSC certified.

VI.B.3

As of September 3, 2015, the Usal Redwood Forest received FCS certification that will be used to meet the sustainable long-term harvesting requirements per the Forest Project Protocol.

VI.C

The description of the management activities that will lead to increased carbon stocks on the Project Area has been revised.

V.A.5.

Updates to the Carbon Stock Inventory Listing Information:

VII.A.

The Project's carbon stock update procedure has been moved from the listing addendum to Initial OPDR Attachment N. And, IFM-7 & 8 has been updated to reflect harvesting that occurred during the initial reporting period.

VII.B.

IFM-3 - Data on standing dead trees were collected as a part of the 2015 Usal Redwood Forest IFM inventory.

VII.C.

IFM-1, IFM-3, IFM-14 preliminary values were updated utilizing the 2015 Usal Redwood Forest IFM inventory and corrections were made to the data used to calculate defects and regress tree heights. The values for IFM-7 and IFM-8 changed to reflect these changes and the harvest in the initial reporting period.

VII.D.

Preliminary values were updated utilizing the Usal Redwood Forest IFM inventory as of the end of the reporting period.

VII.E.

The contribution to the Forest Buffer Account has been added, and updated to reflect the Project's carbon stock inventory as of the end of the reporting period.

V.A.6.

Updates to the Offset Project Baseline Listing Information:

VIII.A.5.

The listing information included estimates of carbon that will be stored long-term in harvested wood products. The carbon that will be stored long-term in harvested wood products has been revised to be consistent with the COP.

VIII.B.1-3.

These previously estimated carbon stock values have been updated with corrected inventory data, and revised to be consistent with the requirements of the COP.

VIII.B.4.

At the Project's commencement date of 06/13/2007, the Project's initial above-ground standing live carbon stocks were below the Common Practice statistic.

VIII.B.5.

Because the Project's initial above-ground standing live carbon stocks were below Common Practice, the MBL is determined using Equation 6.6 in the Forest Project Protocol. References to Equation 6.5 have been changed to Equation 6.6. Also in this section, variable numbers have changed.

V.A.7.

Other Updates to the Listing Information:

IX.B.

Since listing, credits were issued to the Usal Redwood Forest Project (CAR730) and are listed in the Initial OPDR by vintages.

X.I.

The Project is now below Common Practice, thus a justification for the reasonable accuracy of the calculated High Stocking Reference for the Project Area and the volume harvested over the past ten years is included in the initial OPDR as Attachment J.

VII.

Harvesting occurred during RP8. All harvested stands were reviewed, mapped, stratified, and inventoried to account for the harvesting that occurred.

VIII.

Carbon Pool	Source	Gross CO2e Tonnes per Acre	Total Gross CO2e Tonnes	SSR
Live Carbon Stocks	Sample Plots	310.69	**14,907,218**	IFM-1
Standing Dead Carbon Stocks	Sample Plots	4.91	**235,369**	IFM-3
Sum of CO2-eqivalent Tonnes from IFM-1 & IFM-3		315.59	**15,142,587**	
Carbon in in-use Forest Products	Harvest Records	N/A	**932**	IFM-7
Forest Product Carbon in Landfills	Harvest Records	N/A	**602**	IFM-8
Secondary Effects	Harvest Records/Baseline	N/A	**-25,868**	IFM-14

XI.

Quantification of Net GHG Reductions and GHG removal enhancements:

	Reporting Period	RP8	Notes
1	Actual Onsite Stocks	15,142,587	This is the total carbon in all reported pools within the Project Area, regardless of statistical confidence. ($\mathbf{AC_{onsite,\,y}}$)
2	Confidence Deduction	0.0%	The confidence deduction is based on the sampling error of the combined estimate of carbon in all onsite carbon pools (see above). ($\mathbf{CD_y}$)
3	Adjusted Actual Onsite Stocks (Adjusted for Confidence Deduction)	15,142,587	Actual onsite carbon stocks adjusted using the confidence deduction. $\mathbf{AC_{onsite,\,y} * (1\text{-}CD_y)}$
4	Annual Increment in Actual Onsite Carbon Stocks	309,135	Difference from prior year ($\mathbf{\Delta\ AC_{onsite}}$). In year 1, prior year stocks are assumed to be zero, so difference is equal to initial adjusted onsite carbon stocks.
5	Baseline Onsite Carbon Stocks	9,984,928	Baseline estimates of onsite carbon stocks are not affected by the confidence deduction. ($\mathbf{BC_{onsite,\,y}}$)
6	Annual Increment in Baseline Onsite Stocks	0	Difference from prior year ($\mathbf{\Delta\ BC_{onsite}}$). In year 1, prior year stocks are assumed to be zero, so difference is equal to initial unadjusted) onsite carbon stocks.
7	Quantified GHG Reductions / Removals for Onsite Stocks	309,135	Row 4 minus row 6. ($\mathbf{\Delta\ AC_{onsite} - \Delta\ BC_{onsite}}$)
Accounting for Carbon Stored in Wood Products			
8	Actual Wood Products In-use	932	Carbon stored long-term In-use, calculated from actual harvested carbon values. (Component of $\mathbf{AC_{wp,\,y}}$)

	Reporting Period	RP8	Notes
9	Actual Wood Products Including Landfill	602	Carbon stored long-term in landfills, calculated from actual harvested carbon values. If actual harvest volumes for the year(s) are less than baseline harvest volumes, then this value is included in $\mathbf{AC_{wp,y}}$.
10	Actual Wood Products PDM	5,826	Based on actual carbon in standing live carbon stocks harvested in each year(s), prior to delivery to mills (PDM). Used to calculate Secondary Effects.
11	Baseline Wood Products In-use	21,627	Carbon stored long-term In-use, calculated from averaged baseline carbon values. (Component of $\mathbf{BC_{wp,y}}$).
12	Baseline Wood Products Landfill	13,940	Carbon stored long-term in landfills, calculated from averaged baseline carbon values. If actual harvest volumes for the year(s) are less than baseline harvest volumes, then this value is included in $\mathbf{BC_{wp,y}}$.
13	Baseline Wood Products PDM	135,168	Based on carbon in standing live carbon stocks harvested each year(s) in the baseline analysis, prior to delivery to mills (PDM). Used to calculate Secondary Effects.
14	Difference in Actual and Baseline Carbon Stored in Wood Products	-34,064	Difference between actual and baseline carbon stored long-term in wood products in each year ($\mathbf{AC_{wp,y} - BC_{wp,y}}$). May be negative.
15	Quantified GHG Reductions / Removals for Carbon Stored in Wood Products	-27,252	Equal to ($\mathbf{AC_{wp,y} - BC_{wp,y}}$) * **80%** (the Market Response Factor). May be negative.
Accounting for Secondary Effects			
16	PDM Difference	-129,341	The difference between the values in rows 10 and 13, above.

	Reporting Period	RP8	Notes
17	Secondary Effect Adjustment	-25,868	Either zero, if the value in row 15 is positive, or 20% of the value in row 16 if it is negative. (**SE_y**)
Calculation of Total Net GHG Reductions/Removals and Buffer Pool Contribution			
18	Negative Carryover from Prior Year	0	This is any negative amount from the prior year's total net GHG reductions/removals that is not due to a reversal. (**N_{y-1}**)
19	Total Net GHG Reductions/Removals	256,015	Equal to the sum of the values in rows 7, 15, 17, and 18. (**QR_y**)
20	Total ARBOCs Issued	256,015	Total number of ROCs that CAR will issue for quantified GHG reductions/removals. ARBOCs are rounded to the nearest tonne.
21	Risk of Reversal	19.24%	Reversal Risk Rating
22	Required Buffer Pool Contribution	49,248	The number of ROCs that must be contributed to the Buffer Pool each year, based on the risk of reversal. Calculated by multiplying the Total ROCs Issued (row 20) by the risk of reversal (row 21). Rounded to the nearest tonne.
23	ARBOCs Issued to the Project	206,767	Total ROCs issued to the Project in each year. Equal to row 20 minus row 22.