

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

<b>OPR Staff Use Only</b>	<b>Date Report Received:</b>	<b>OPR Tracking Number:</b>	<b>Date Report Reviewed:</b>	<b>OPR Staff Use Only</b>
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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**

<b>Date Report Completed:</b> 10/21/2016 2/3/2017 3/20/2017	<b>Person Completing Report:</b> Sue Doroff	<b>Phone Number:</b> (503)241-0151	<b>Email Address:</b> sdoroff@westernrivers.org
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### PART II. OFFSET PROJECT INFORMATION

**Offset Project Name:**  
Blue Creek

<b>OPR Project ID#:</b> ACR282	<b>ARB Project ID# (if known):</b> CAFR5232	<b>Offset Project Commencement Date:</b> March 19, 2015
<b>Date of Last Full (On-Site) Verification:</b> October 23 – 28, 2016	<b>Reporting Period Start Date:</b> March 19, 2015	<b>Reporting Period End Date:</b> June 30, 2016

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

<b>Protocol Version for Project Listing:</b> <input type="checkbox"/> October 20, 2011 <input checked="" type="checkbox"/> November 14, 2014	<b>Protocol Version for Project Reporting:</b> <input type="checkbox"/> October 20, 2011 <input checked="" type="checkbox"/> November 14, 2014
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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

<b>OPO Name:</b> Western Rivers Forestry		<b>OPO's CITSS ID#:</b> CA 1947	
<b>Mailing Address:</b> 71 Oak Street, Suite 100	<b>City:</b> Portland	<b>State:</b> OR	<b>Zip:</b> 97204
<b>Contact Person:</b> Sue Doroff	<b>Phone Number:</b> (503)241-0151	<b>Email Address:</b> sdoroff@westernrivers.org	

**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:	

**PART IV. OFFSET PROJECT ELIGIBILITY REQUIREMENTS**

<b>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?</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If no, provide an explanation of the non-compliance.	
<b>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:</b> <i>Note: Reforestation projects with deferred inventory and Project Boundaries are still required to complete Questions B1-B4.</i>	
<b>1. Native species:</b>	
<b>a) Does the project consist of at least 95% native species based on the estimated sum of carbon in the standing live carbon pool?</b> <i>If "no," proceed to question 1b. Otherwise, skip to question B2.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>b) Describe how the project will result in achieving a 95% native species goal over the project life.</b>	
<b>2. Composition of native species:</b>	
<b>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?</b> <i>If "no," proceed to questions 2b and 2c. Otherwise skip to question B3.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>b) Explain how the project will demonstrate a trend toward achieving the Species Diversity Index of native species and meet this requirement within 25 years.</b>	
<b>c) If the Project Area does not naturally consist of a mixed species distribution: Will or have you provided a written statement from the government agency in charge of forestry regulation in the state where the project is located stipulating that the Project site is not capable of meeting the requirement of mixed species distribution.</b>	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>3. Distribution of age classes/sustainable management:</b>	
<b>a) Indicate how the project 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).</b> <i>The full text associated for the options below is found in section 3.8.1 of the U.S. Forest protocol.</i>	
<input type="checkbox"/> Third party certification <input type="checkbox"/> Adhere to a renewable long-term management plan <input type="checkbox"/> Employs uneven-aged silvicultural practices & maintain canopy retention averaging 40% across forest <input checked="" type="checkbox"/> Not applicable, no commercial harvesting in planned within the project area	
<b>b) On a watershed scale up to 10,000 acres (or the Project Area, whichever is smaller), projects must maintain, or make progress toward maintaining, a maximum of 40% of the project's forest lands in ages that are less than 20 years old. (Areas impacted by Significant Disturbance are exempt from this test until 20 years after reforestation of such areas.) Does the acreage within this project meet this requirement?</b> <i>If "no," proceed to question 3c. Otherwise, skip to question B4.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Explain how the project demonstrates continuous progress toward meeting this requirement within the next 25 years.</b>	
<b>4. Structural elements (standing and lying dead wood):</b> <b>How does the project ensure that structural elements are retained in sufficient quantities throughout the project life?</b> Western Rivers Forestry has no intention to actively remove lying dead wood as part of anticipated management activities. It is expected that the accumulation of lying dead wood will be commensurate with the recruitment from standing dead trees. Western Rivers Forestry intends to manage the property for ecological purposes – primarily to promote old-growth-like structure, to improve water quality, and to improve and maintain critical wildlife habitat. These management objectives should ensure that standing and lying dead wood	



remain in sufficient quantities.

At a minimum WRF, is committed to maintaining current levels of standing dead trees, and in all likelihood the number and distribution of snags within the project area will increase over time.

Currently, the Project has approximately 1.23 tC per acre of standing dead stocks, which is about 2% of standing live carbon stocks in standing dead stocks. Since 1 tC/ac is greater than 1% of living carbon stocks, the structural element goal for the project is 1 tC/ac. Since the project is above this goal, it satisfies the structural elements requirement.

**C. Has there been a decrease in the standing live carbon stocks within the Project Area over any 10-year consecutive period?**

☐ Yes  
☒ No

*For the Initial Reporting Period, check "No." If "No," skip to Part V. If yes, answer questions C1 and C2.*

**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?**

☐ 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):*

☒ Yes  
☐ No

**5. Are there updates to the Carbon Stock Inventory listing information?**

*If "Yes," provide updates below (and/or provide as separate attachment):*

☒ Yes  
☐ No

**6. Are there updates to the Offset Project Baseline listing information?**

*If "Yes," provide updates below (and/or provide as separate attachment):*

☒ Yes  
☐ No

**7. Are there any other updates to the listing information?**

*If "Yes," provide updates below (and/or provide as separate attachment):*

☐ 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.**

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

☐ Yes  
☒ No

*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.*

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



<b>D. Optional:</b> 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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Defer
<b>Optional:</b> If yes, describe the modifications.	

## PART VI. REVERSALS

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

<b>A. Has a reversal occurred during the Reporting Period covered by this report?</b> <i>If this is for the Initial Reporting Period, check "No."          If "No," skip to question B.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Has the reversal been classified as intentional or unintentional?</b>	<input type="checkbox"/> Intentional <input type="checkbox"/> Unintentional	
<b>Optional:</b> Date(s) Reversal Occurred:	<b>Optional:</b> Estimated Quantity of Reversal in Units of MtCO <sub>2</sub> e:	
Describe and explain the reversal.		
What is the status of the compensation for the reversal?		
<b>B. For verification years <u>ONLY</u>:</b> Has a reversal occurred during the previous six years? <i>If this is for the Initial Reporting Period, check "No."</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Has the reversal been classified as intentional or unintentional?</b>	<input type="checkbox"/> Intentional <input type="checkbox"/> Unintentional	
<b>Optional:</b> Date(s) Reversal Occurred:	<b>Optional:</b> Estimated Quantity of Reversal in Units of MtCO <sub>2</sub> e:	
Describe and explain the reversal.		
What is the status of the compensation for the reversal?		
<b>C. What is the Project's reversal risk rating?</b>	<b>Risk Rating:</b> %19.2	<input type="checkbox"/> Defer
What is the Project's fire risk based on level of fuel treatments?	<input type="checkbox"/> High (2%) <input type="checkbox"/> Medium (2.652%) <input type="checkbox"/> Low (3.304%) <input checked="" type="checkbox"/> 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.*

<b>A. *Provide an estimate of the harvest volume for this Reporting Period.</b> This estimate refers to the volume of trees harvested for wood products only.	<b>Harvest Volume (lbs):</b> 0	<input type="checkbox"/> Defer
<b>B. *Indicate the estimated mill efficiency for wood products produced from the Project Area following requirements in Appendix C, Section C.2.</b>	<b>Mill Efficiency (percent):</b> N/A	<input type="checkbox"/> Defer
<b>C. *Provide an estimate of carbon in harvested wood products associated with the harvest volumes reported for this Reporting Period.</b>	<b>Carbon estimate (MtCO<sub>2</sub>e):</b> 0	<input type="checkbox"/> 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<sub>2</sub>e) 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	Current Reporting Period	Current Reporting Period	Current Reporting Period	Current Reporting Period	Current Reporting Period	Current Reporting Period
Identify the pool by the SSR code (e.g., AC-1) and description (Standing live						

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

<i>carbon) in Tables 5.1-5.3.</i>	<b>03/19/2015 to 06/30/2016</b>	<b>minus 1 year</b> / to /	<b>minus 2 years</b> / to /	<b>minus 3 years</b> / to /	<b>minus 4 years</b> / to /	<b>minus 5 years</b> / to /
IFM-1 Standing Live	2,993,609					
IFM-3 Standing Dead	63,237					
IFM-6 Soil Carbon	0 (N/A)					
IFM-7 Carbon in in-use forest products	0					
IFM-8 Forest product carbon in landfills	0					
IFM-9 Biological emissions from site preparation	0 (N/A)					
IFM-14 Biological emissions/removals from change in harvesting on forestland outside project area:	-21,856					
IFM-17 Biological emissions from decomposition of forest product	0 (N/A)					



## 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<sub>2</sub>e) 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  03/19/2015 to 06/30/2016	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	2,413,018					
IFM-3 Standing Dead	63,237					
IFM-6 Soil Carbon	0 (N/A)					
IFM-7 Carbon in in-use forest products	24,105					
IFM-8 Forest product carbon in landfills	15,523					
IFM-9 Biological emissions from site preparation	0 (N/A)					
IFM-14 Biological emissions/removals from change in harvesting on forestland outside project area:	-21,856					
IFM-17 Biological emissions from decomposition of forest product	0 (N/A)					

## 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  03/19/2015 to 06/30/2016	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 <sub>2</sub> e)	-21,856					
B. *Confidence Deduction (%) <input type="checkbox"/> Defer	0.3%					
C. *Forest Buffer Account Contribution (MtCO <sub>2</sub> e) <input type="checkbox"/> Defer	102,094					

D. For Avoided Conversion Projects ONLY: What is the Project's uncertainty discount factor?

%

☒ N/A


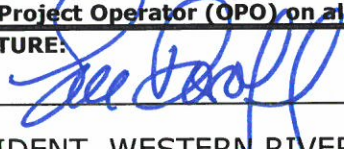
**PART XI. TOTAL NET GHG REDUCTIONS AND GHG REMOVAL ENHANCEMENTS (QR<sub>y</sub>)**

In the appropriate column below, enter the total net GHG Reductions and GHG Removal Enhancements (MtCO<sub>2</sub>e) 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	Current Reporting Period minus 2 years	Current Reporting Period minus 3 years	Current Reporting Period minus 4 years	Current Reporting Period minus 5 years
	/ to /	/ to /	/ to /	/ to /	/ to /
530,738					

**PART XII. ATTESTATION AND OPO/APD SIGNATURE**

 Initial	<b>I certify under penalty of perjury under the laws of the State of California the GHG reductions and/or GHG removal enhancements for</b>		
	Project Name: Blue Creek		
	from	Reporting Period Start Date: March 19, 2015	to Reporting Period End Date: June 30, 2016
	<b>are measured in accordance with the Compliance Offset Protocol</b>		
	Check the appropriate Compliance Offset Protocol: <input type="checkbox"/> U.S. Forest Projects, October 20, 2011, <input checked="" type="checkbox"/> U.S. Forest Projects, November 14, 2014, <b>and all information required to be submitted to ARB is true, accurate, and complete.</b>		
<b>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.</b>			
<b>SIGNATURE:</b> 		<b>PRINTED NAME:</b> Sue Doroff	
<b>TITLE:</b> PRESIDENT, WESTERN RIVERS FORESTRY		<b>DATE:</b> 03/20/2017	



## **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. 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.
- 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 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**

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

