

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
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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.			<input type="checkbox"/> OPO <input checked="" type="checkbox"/> APD
Report Version Number: 1.1.1.2	Date Report Completed: 12/06/2021	Date Report Submitted: 12/06/2021	
Person Completing Report: James D. Clark	Phone Number: 707-485-7211	Email Address: jimclark@ncrm.com	

PART II. OFFSET PROJECT INFORMATION

Offset Project Name: Brush Creek			
OPR Project ID#: ACR200	ARB Project ID# (if known): CAFR5200	Offset Project Commencement Date: December 10, 2013	
Date of Last Full (On-Site) Verification: June 22, 2015	Reporting Period Start Date: July 1, 2020	Reporting Period End Date: June 30, 2021	
Is this report being submitted for a verification year?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Protocol Version for Project Listing: <input checked="" type="checkbox"/> October 20, 2011 <input type="checkbox"/> November 14, 2014		Protocol Version for Project Reporting: <input checked="" type="checkbox"/> October 20, 2011 <input type="checkbox"/> 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.			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?		<input type="checkbox"/> Reforestation <input type="checkbox"/> Improved Forest Management <input type="checkbox"/> Avoided Conversion	

PART III. OPO/APD INFORMATION

A. OPO			
OPO Name: Miller Trust		OPO's CITSS ID#: CA 1557	
Mailing Address: PO Box 1818	City: Healdsburg	State: CA	Zip: 95548
Contact Person: Steve Miller	Phone Number: (707) 953-4584	Email Address: murphybs@sonic.net	
B. APD (if applicable)			<input type="checkbox"/> No APD/Not Applicable
APD Name: James D. Clark		APD's CITSS ID#: CA 1569	
Mailing Address: PO Box 435	City: Calpella	State: CA	Zip: 95418
Contact Person: James D. Clark	Phone Number: (707) 485-7211	Email Address: jimclark@ncrm.com	

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? If no, provide an explanation of the non-compliance. N/A	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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: <i>Note: Reforestation projects with deferred inventory and Project Boundaries are still required to complete Questions B1-B4.</i>	
1. Native species: a) Does the project consist of at least 95% native species based on the estimated sum of carbon in the standing live carbon pool? <i>If "no," proceed to question 1b. Otherwise, skip to question B2.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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? <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) 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.	<input type="checkbox"/> Yes <input type="checkbox"/> 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). <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 is 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 areas.) Does the acreage within this project meet this requirement? <i>If "no," proceed to question 3c. Otherwise, skip to question B4.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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? <i>For the Initial Reporting Period, check "No." If "No," skip to Part V. If yes, answer questions C1 and C2.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1. If yes, identify the appropriate option and provide additional documentation. <input type="checkbox"/> 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. <input type="checkbox"/> 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. <input type="checkbox"/> Decrease is part of normal silviculture cycles for forest ownerships less than 1,000 acres. <i>Note: Documentation is required to be submitted. See Section X for details.</i>	

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)?		<input type="checkbox"/> Yes <input type="checkbox"/> No
PART V. PROJECT CHANGES		
A. Is all the information in the offset project listing still accurate? <i>If "Yes," skip to question B.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1. Does Part II above report an updated Offset Project Commencement Date, Reporting Period Start Date, and/or Reporting Period End Date?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Does Part III above report updated OPO/APD Information?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Are there updates to the Land Ownership listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Addendum to OPDR (Annual) V.A.3		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Are there updates to the Offset Project Area listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Addendum to OPDR (Annual) V.A.4		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Are there updates to the Carbon Stock Inventory listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Addendum to OPDR (Annual) V.A.5		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6. Are there updates to the Offset Project Baseline listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Addendum to OPDR (Annual) V.A.6		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Are there any other updates to the listing information? <i>If "Yes," provide updates below (and/or provide as separate attachment):</i> See Addendum to OPDR (Annual) V.A.7		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes, describe the changes. Include the sale or transfer of any portion of land within Project Area. See Addendum to OPDR (Annual) V.B		
C. Optional: Has a Qualified Conservation Easement (QCE) been recorded since the previous Reporting Period? <i>If this is for the Initial Reporting Period, check "Yes" if a QCE has been recorded since Listing, check "No" otherwise. If "No," skip to Question D.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <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
Optional: If yes, describe the modifications. N/A		
PART VI. REVERSALS		
<i>Note: Qualifying Reforestation Projects may defer items marked with an asterisk until the second verification.</i>		
A. Has a reversal occurred during the Reporting Period covered by this report? <i>If this is for the Initial Reporting Period, check "No."</i> <i>If "No," skip to question B.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Has the reversal been classified as intentional or unintentional?		<input type="checkbox"/> Intentional <input type="checkbox"/> Unintentional
Optional: Date(s) Reversal Occurred: N/A	Optional: Estimated Quantity of Reversal in Units of MtCO ₂ e: 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 <u>ONLY</u>: 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
Has the reversal been classified as intentional or unintentional?		<input type="checkbox"/> Intentional <input type="checkbox"/> Unintentional
Optional: Date(s) Reversal Occurred: N/A	Optional: Estimated Quantity of Reversal in Units of MtCO ₂ e: 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%	<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.

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 (Cubic Feet): 0	<input type="checkbox"/> 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	<input type="checkbox"/> Defer
C. *Provide an estimate of carbon in harvested wood products associated with the harvest volumes reported for this Reporting Period.	Carbon estimate (MtCO₂e): 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 (MtCO₂e) 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 <i>Identify the pool by the SSR code (e.g., AC-1) and description (Standing live carbon) in Tables 5.1-5.3.</i>	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
	7/01/2020 to 6/30/2021	/ to /	/ to /	/ to /	/ to /	/ to /
IFM-1 Standing Live carbon	519,361					
IFM-3 Standing Dead Carbon	6,956					
IFM-7 Carbon in in-use Forest Products	0					
IFM-8 Forest Product Carbon in Landfills	0					

IFM-14 Biological emissions /removals from change in harvesting on forestland outside Project Area	-1,425					
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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 (MtCO₂e) 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 <i>Identify the pool by the SSR code (e.g., AC-1) and description (Standing live carbon) in Tables 5.1-5.3.</i>	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
	7/01/2020 to 6/30/2021	/ to /	/ to /	/ to /	/ to /	/ to /
IFM-1 Standing Live carbon	361,104					
IFM-3 Standing Dead Carbon	6,956					
IFM-7 Carbon in In-use Forest Products	965					
IFM-8 Forest Product Carbon in Landfills	623					

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	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
	7/01/2020 to 6/30/2021	/ to /	/ to /	/ to /	/ to /	/ to /
A. Secondary Effects (MtCO ₂ e)	-1,425					
B. *Confidence Deduction (%) <input type="checkbox"/> Defer	0					
C. *Forest Buffer Account Contribution (MtCO ₂ e) <input type="checkbox"/> Defer	2,362					
D. For Avoided Conversion Projects <u>ONLY</u> : What is the Project's uncertainty discount factor?					%	<input type="checkbox"/> 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 (MtCO₂e) 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 /
12,276					

PART XII. ATTESTATION AND OPO SIGNATURE

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

Project Name:

Brush Creek

from

Reporting Period Start Date:

July 1, 2020

to

Reporting Period End Date:

June 30, 2021

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:

James D. Clark

TITLE:

Authorized Project Designee

DATE:

December 6, 2021



BRUSH CREEK

ACR200, CAFR5200

Addendum to OPDR for the Annual Reporting Period Form

Under

Air Resources Board

Compliance Offset Protocol – U.S. Forest Projects

Adopted: October 20, 2011

Prepared December 6, 2021

Offset Project Operator	Authorized Project Designee
Miller Trust PO Box 1818 Healdsburg, CA 95548 (707) 953-4584	James D. Clark PO Box 435 Calpella, CA 95418 (707) 485-7211

Reporting Period

The reporting period for this Offset Project Data Report is from 7/1/2020 to 6/30/2021.

Protocol Version

Air Resources Board

Compliance Offset Protocol – U.S. Forest Projects

Adopted: October 20, 2011

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).

Introduction

Brush Creek is an Improved Forest Management (IFM) Project that is seeking registration under the California Air Resources Board Compliance Offset Protocol – U.S. Forest Projects Adopted: October 20, 2011. The Brush Creek Project is owned by the Edward Miller Trust. The Project Area is approximately 1,763 acres in size.

Summary of Reporting Period Activities

No commercial harvesting occurred during the reporting period.

IV.B.1.

The Brush Creek Project Area is characterized by a mix of redwood, Douglas-fir, tanoak, pacific madrone, California bay laurel, sugar pine, red alder, and assorted native hardwoods. 100% of the Project's biomass is in native species and thus the Project meets the 95% criteria for carbon in native species.

IV.B.2.

The Brush Creek Project Area is characterized by a mix of redwood, Douglas-fir, tanoak, pacific madrone, tanoak, California bay laurel, sugar pine, red alder, and assorted native hardwoods. It is estimated that the Project Area is composed of approximately 21% redwood, 34% Douglas-fir, 4% other conifers, 33% tanoak, 3% madrone, and 5% other hardwoods by basal area. The Miller Land Trust intends to manage the timber stands to maintain or increase conifer stocking, 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 Brush Creek Carbon Project will employ natural forest management practices as described in items VI.B.1, VI.B.2, VI.B.3(b), and VI.B.4 as well as sustainable harvesting practices if it elects to conduct commercial harvesting in the future. Commercial harvesting is not currently planned in the Project Area for the near term. If the forest owner elects to conduct commercial harvesting in the future, sustainable long-term harvesting practices will be demonstrated using one or more of the compliant options allowed under section 3.8.1 of the Protocol.
- (b) There are currently no immediate plans to harvest on the Brush Creek Project Area. In the future, Brush Creek may employ uneven-aged management practices which meet the sustainable management requirements under Table 3.2 (page 21) of the Compliance Offset Protocol by maintaining less than 40% of the Project's forested acreage in ages less than 20 years. Present conditions for the Project site already satisfy these requirements.

IV.B.4.

Brush Creek 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. Brush Creek is committed to maintaining if not increasing, the number of standing dead trees within the Project Area as a component of its forest management objectives. Brush Creek does not currently, nor does it intend in the future to actively pursue salvage operations on its timberlands. Brush Creek has a policy of allowing standing dead trees to remain and recruiting large specimen trees across its ownership as components of its overall timber management strategy.

The Brush Creek Project Area has not recently undergone any 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 1.08 Mg C per acre and 1.3% of standing live carbon stocks in standing dead wood. Therefore, the project currently meets the aforementioned standing dead wood target.

V.A.1

The end of the initial reporting period has been changed from June 9, 2014 to June 30, 2015.

V.A.2

Steve Miller is now the sole trustee of the Edward Miller Trust, following the death of Florence Miller on 12/4/2015. The OPO name has been changed within CITSS to “Miller Trust” as of December of 2016.

V.A.3

As Steve Miller is now the sole trustee of the Edward Miller Trust, title to the Project Area is now vested as “STEVEN MILLER as Sole Successor Trustee of the Trust established under the Last Will and Testament of Edward Miller, also known as Ed Miller, Deceased, and by the Judgment of Distribution made by the Superior Court of the State of California, County of Contra Costa, Proceeding #39223.”

V.A.4

The Project Area acreage has been changed from 2,000 acres to 1,763.41 acres in size.

V.A.5

VII.B.

The list of species in the table of FIA Equations by Species and the table of Relative Density by Species and Decay Class were revised.

VII.C.

The initial standing live and standing dead stocks have been augmented, with updated figures.

VII.D.

The inventory confidence statistics were augmented with updated figures.

V.A.6

VIII.A.2.

The baseline has been augmented with updated figures.

VIII.A.5.

The description of modeling techniques used to simulate the effects of a constraint has been augmented, with updated figures.

VIII.B.1.

The initial above ground standing live carbon stocks have been augmented, with updated figures.

VIII.B.3.

The Common Practice Statistic for the Project Area has been changed from 165 MgCO₂e per acre to 165.50 MgCO₂e per acre.

VIII.B.3.

The method by which the Project demonstrates financial feasibility has been revised to utilize a financial analysis of the baseline harvesting regime that captures all relevant costs and returns.

V.A.7

In multiple incidences, references to “Miller Forest” were changed to “Brush Creek”, as appropriate.

V.B.

The Forest Owner acquired new forest landholdings during the reporting period; however, since no commercial harvesting is planned within the project area at this time, the acquisition of the landholdings has no bearing on the requirements of Section 3.8.1 of the Compliance Offset Protocol.

VIII.

Carbon Pool	Source	Gross CO2e Tonnes per Acre	Total Gross CO2e Tonnes	SSR
Live Carbon Stocks	Sample Plots	294.52	519,361	IFM-1
Standing Dead Carbon Stocks	Sample Plots	3.94	6,956	IFM-3
Sum of CO2-equivalent Tonnes from Required Pools		298.46	526,317	
Carbon in in-use Forest Products	Harvest Records	N/A	0	IFM-7
Forest Product Carbon in Landfills	Harvest Records	N/A	0	IFM-8
Biological emissions/removals from change in harvesting on forestland outside Project Area	Harvest Records	N/A	-1,425	IFM-14

XI. Quantification of Net GHG Reductions and GHG removal enhancements:

	Reporting Period	RP7	Notes
1	Actual Onsite Stocks	526,317	This is the total carbon in all reported pools within the Project Area, regardless of statistical confidence. ($AC_{\text{onsite}, y}$)
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). (CD_y)
3	Adjusted Actual Onsite Stocks (Adjusted for Confidence Deduction)	526,317	Actual onsite carbon stocks adjusted using the confidence deduction. $AC_{\text{onsite}, y} * (1 - CD_y)$
4	Annual Increment in Actual Onsite Carbon Stocks	14,970	Difference from prior year ($\Delta AC_{\text{onsite}}$). 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	368,059	Baseline estimates of onsite carbon stocks are not affected by the confidence deduction. ($BC_{\text{onsite}, y}$)
6	Annual Increment in Baseline Onsite Stocks	0	Difference from prior year ($\Delta BC_{\text{onsite}}$). 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	14,970	Row 4 minus row 6. ($\Delta AC_{\text{onsite}} - \Delta BC_{\text{onsite}}$)
Accounting for Carbon Stored in Wood Products			
8	Actual Wood Products In-use	0	Carbon stored long-term In-use, calculated from actual harvested carbon values. (Component of $AC_{\text{wp}, y}$)
9	Actual Wood Products Landfill	0	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 $AC_{\text{wp}, y}$.
10	Actual Wood Products PDM	0	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.

	Reporting Period	RP7	Notes
11	Baseline Wood Products In-use	965	Carbon stored long-term In-use, calculated from averaged baseline carbon values. (Component of $BC_{wp,y}$).
12	Baseline Wood Products Landfill	623	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 $BC_{wp,y}$.
13	Baseline Wood Products PDM	7,123	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	-1,588	Difference between actual and baseline carbon stored long-term in wood products in each year ($AC_{wp,y} - BC_{wp,y}$). May be negative.
15	Quantified GHG Reductions / Removals for Carbon Stored in Wood Products	-1,270	Equal to $(AC_{wp,y} - BC_{wp,y}) * 80\%$ (the Market Response Factor). May be negative.
Accounting for Secondary Effects			
16	PDM Difference	-7,123	The difference between the values in rows 10 and 13, above.
17	Secondary Effect Adjustment	-1,425	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	12,276	Equal to the sum of the values in rows 7, 15, 17, and 18. (QR_y)
20	Total ROCs Issued	12,276	Total number of ROCs that ARB will issue for quantified GHG reductions/removals. Rounded to the nearest tonne.
21	Risk of Reversal	19.24%	Reversal Risk Rating.

	Reporting Period	RP7	Notes
22	Required Buffer Pool Contribution	2,362	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	ROCs Issued to the Project	9,914	Total ROCs issued to the Project in each year. Equal to row 20 minus row 22.