



THOMPSON RIVER IFM ATTACHMENT G, V1.0

1 INTRODUCTION

The purpose of this document is to provide a description of how the offset project meets (or will meet) the natural forest management criteria found in Table 3.1 of Section 3.1(a)(1) of the FOP. This document will address each of the relevant criteria separately.

2 DOCUMENTATION OF CONFORMANCE

2.1 NATIVE SPECIES

The percent composition of basal area in live trees within the project area has been calculated, using the forest carbon inventory, as follows.

Species (FIA)	Species (Common Name)	Basal Area (sq. ft./ac)	Percent Basal Area
202	Douglas-fir	29.90	52%
122	ponderosa pine	8.97	16%
108	lodgepole pine	7.33	13%
73	western larch	5.76	10%
17	grand fir	3.22	6%
93	Engelmann spruce	1.31	2%
19	subalpine fir	0.79	1%
242	western redcedar	0.18	0%
747	black cottonwood	0.13	0%
263	western hemlock	0.04	0%
374	water birch	0.03	0%
119	western white pine	0.02	0%
264	mountain hemlock	0.01	0%
<i>Total</i>		<i>57.70</i>	<i>100%</i>

2.1.1 95% NATIVE SPECIES REQUIREMENT

The project meets this requirement. Based on the above table, the project consists of at least 95% native species based on the sum of carbon in standing live tree carbon stocks. All of the species in the above table are native to the region in which the project is located.

2.1.2 SINGLE SPECIES' PREVALENCE REQUIREMENT

The project meets this requirement. The percentage value of standing live tree carbon shown under the heading "Species Diversity Index" in the Assessment Area Data File associated with the FOP available on the Forest Offset Protocol Resources section of ARB's website is 65% for the Northern Rockies Mixed Conifer assessment area and 85% for the Bitterroot Mixed Conifer assessment area. No single species' percent basal area, as shown in the above table, exceeds either of these thresholds.

2.2 DISTRIBUTION OF AGE CLASSES/SUSTAINABLE MANAGEMENT

2.2.1 SUSTAINABLE FOREST MANAGEMENT

All forest landholdings within geographic areas eligible under the FOP, including the Project Area, owned or controlled by the OPO, or its affiliates, are currently under third party certification under one of the two following certification programs.

Program	Geographic Scope of Enrolled Timberlands Owned or Controlled By the OPO	Certification Body	Certificate Number
Sustainable Forestry Initiative	Alabama, Arkansas, Georgia, Florida, Mississippi, Montana, Oregon, South Carolina and Washington	Bureau Veritas Certification NA, Inc.	BV-SFIS-US191506
Forest Stewardship Council	California	SCS Global Services	SCS-FM/COC-004169

2.2.2 "NO MORE THAN 40%..." REQUIREMENT

The project meets this requirement. A summary of the percentage of each "watershed"¹ included in the project area in age classes less than 20 years is shown below. The percentage of area in age classes less than 20 years is lower than 40% in all "watersheds".

Watershed Name	Total Acres in Project Area	Acres In Project Area < 20 Years Old	Percent of Acreage in Project Area < 20 Years Old
Bear Creek	151.74	-	0%
Big Prairie Creek-Thompson River E	6,816.17	166.24	2%
Big Prairie Creek-Thompson River W	5,300.20	37.33	1%
Big Rock Creek	2,978.06	72.59	2%

¹ A "watershed" could be an actual watershed, for purposes of this analysis, or could be the result of splitting a larger watershed along geographic lines in order to comply with the requirements of the FOP.

Watershed Name	Total Acres in Project Area	Acres In Project Area < 20 Years Old	Percent of Acreage in Project Area < 20 Years Old
Calico Creek-Thompson River	4,536.92	244.74	5%
Chippy Creek	56.42	-	0%
Lazier Creek	7,243.44	236.15	3%
Lower Fishtrap Creek	7,627.78	42.10	1%
Lower Little Thompson River	7,801.49	90.53	1%
Meadow Creek	4,207.78	25.06	1%
Middle Little Thompson River	780.49	-	0%
Mudd Creek	5,030.86	138.65	3%
Murr Creek	1,371.52	255.23	19%
Thompson Lakes-Thompson River	1,309.81	171.78	13%
Twin Lakes Creek-Thompson River E	6,987.51	427.61	6%
Twin Lakes Creek-Thompson River N	8,645.14	189.17	2%
Twin Lakes Creek-Thompson River SW	1,020.15	19.32	2%
<i>Area Totals</i>	<i>71,865.48</i>	<i>2,116.50</i>	

2.3 STRUCTURAL ELEMENTS (STANDING AND LYING DEAD WOOD)

The project does not currently meet this requirement. Based on the forest carbon inventory, we estimate that standing dead carbon stocks within the project area are currently at 0.27 tC per acre. This is greater than 1% of standing live stocks (which are at 7.97 tC per acre as of project commencement) but is not greater than one metric ton of carbon per acre. The project will need to demonstrate ongoing progress towards meeting the latter threshold. However, full compliance with the requirement is readily achievable, given the shift in forest management strategy (with an emphasis on growing larger live trees, a fraction of which will inevitably convert into larger dead trees) under the project activity.