

ACR554 Listing Attachment G

3.1. General Eligibility Requirements

(a) In order to be eligible under this protocol, a forest offset project must:

(1) Meet the natural forest management criteria set forth in table 3.1

- Composition of native species;
- Distribution of age classes / sustainable management;
- Structural elements (standing and lying dead wood);

Part VI.B.1 – the project will consist of at least 95% native species based on the estimated sum of carbon in the standing live carbon pool. The assessment shall be conducted using estimates of stems per acre for Reforestation Projects and basal area per acre for Improved Forest Management and Avoided Conversion Projects.

Preliminary Estimate:

Species ID	Common Name	Scientific Name	BA (sqft/ac) %
122	Ponderosa pine	<i>Pinus ponderosa</i>	43.3%
202	Douglas-fir	<i>Pseudotsuga menziesii</i>	26.9%
064	Western juniper	<i>Juniperus occidentalis</i>	9.1%
017	Grand fir	<i>Abies grandis</i>	7.1%
108	Lodgepole pine	<i>Pinus contorta</i>	5.0%
101	Whitebark pine	<i>Pinus albicaulis</i>	4.1%
073	Western larch	<i>Larix occidentalis</i>	2.0%
019	Subalpine fir	<i>Abies lasiocarpa</i>	1.2%
015	White fir	<i>Abies concolor</i>	0.8%
093	Engelmann spruce	<i>Picea engelmannii</i>	0.5%
475	Curl-leaf mountain mahogany	<i>Cercocarpus ledifolius</i>	0.2%
TOTAL			100%

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Part VI.B.2 - the Project Area will naturally consist of a mixed species distribution where no single species' prevalence, measured as the percent of basal area of all live trees in the Project Area, exceeds the percentage value of standing live carbon shown under the heading 'Species Diversity Index' in the Assessment Area Data File.

Preliminary Estimates (all species >2% of total BA):

Assessment Area: Blue Mountain Mixed Conifer (SDI: 65 percent)			
Species ID	Common Name	Scientific Name	BA (sqft/ac) %
122	Ponderosa pine	<i>Pinus ponderosa</i>	56.1%
202	Douglas-fir	<i>Pseudotsuga menziesii</i>	34.8%
017	Grand fir	<i>Abies grandis</i>	9.1%
TOTAL			100%

Assessment Area: Blue Mountain Juniper/Pinyon Woodland (SDI: 70 percent)			
Species ID	Common Name	Scientific Name	BA (sqft/ac) %
064	Western juniper	<i>Juniperus occidentalis</i>	68.2%
122	Ponderosa pine	<i>Pinus ponderosa</i>	30.0%
475	Curl-leaf mountain mahogany	<i>Cercocarpus ledifolius</i>	1.8%
TOTAL			100%

Assessment Area: Blue Mountain High Elevation Conifer (SDI: 70 percent)			
Species ID	Common Name	Scientific Name	BA (sqft/ac) %
108	Lodgepole pine	<i>Pinus contorta</i>	36.8%
101	Whitebark pine	<i>Pinus albicaulis</i>	30.4%
073	Western larch	<i>Larix occidentalis</i>	14.6%
019	Subalpine fir	<i>Abies lasiocarpa</i>	8.6%
015	White fir	<i>Abies concolor</i>	5.8%
093	Engelmann spruce	<i>Picea engelmannii</i>	3.9%
TOTAL			100%

Part VI.B.3a – No commercial timber harvesting is occurring in the project area. When commercial timber harvesting is planned or conducted in the future, the project area will likely demonstrate sustainable harvesting using the third-party certification option, whose certification standards require adherence to and verification of harvest levels which can be permanently sustained over time.

Part VI.B.3b - No more than 40% of the project area is in age classes younger than 20 years old

Part VI.B.4 – if the project does not meet the minimum of 1% of standing live stocks or 1 ton of carbon (C), then the project will ensure that structural elements are retained in sufficient quantities throughout the project life by continuing to implement project activities that do not include the active harvest or removal of standing or lying dead wood. Structural elements are also incorporated into management planning under the Resource Management Plan.

Preliminary Estimates:

Year	Metric tonnes CO ₂ e		Metric tonnes C		
	TSL	TSD	TSL	TSD	Percent
2020	49.33	1.94	13.45	0.53	3.93%