



THOMPSON RIVER IFM

ATTACHMENT F, V1.0

The purpose of this document is to provide documentation demonstrating that the project area has greater than 10 percent tree canopy cover.

The forest carbon inventory data for the project area shows that the project area contains approximately 58 square feet per acre in live trees (see below for the breakdown by species). This stocking level is well above the basal area level that would be required to maintain an average of 10 percent canopy cover across the project area. In the judgment of the professional forester submitting the OPDR, such a stocking level equates to an approximate canopy coverage level of 30% (or more)—three times the 10 percent canopy cover threshold.

| 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> |