Contract Name: Delaney Stewardship

ATTACHMENT D - Pre-Commercial Thinning Specifications

Unit Name	Acres	Species Preference	Avg. Spacing	Max. DBH Cut Limit	Minimum Cut Tree Height (ft.)	* SEE FOOT-NOTES	Remarks
Calispell 3	30	PP, WL, DF, WWP, WRC, ES, GF, LPP, WH, AF	14x14	6.9	2'	*1, *2, *3	
Calispell 8	32	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
Deer 1	18	PP, WL, WWP, DF, ES, WRC, GF, LPP, WH, AF	14x14	5.9	1'	*1, *2, *3, *7	Leave no WL within 50' of WL overstory tree.
Lower S.F. Tenmile 4	6	WL, PP, WWP, DF, ES, WRC, GF, LPP, WH, AF	14x14	6.9	2'	*1, *2, *3, *7	
N. Fork Calispell 8	17	PP, WL, WWP, DF, ES, WRC, GF, LPP, WH, AF	14x14	6.9	2'	*1, *2, *3, *7	
N. Fork Calispell 9	12	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
N. Fork Calispell 11	18	WL, PP, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	2'	*1, *2, *3	
N. Fork Calispell 12	48	WL, PP, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	2'	*1, *2, *3	
Rainbow 2	23	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	1'	*1, *2, *3	
Rainbow 4	21	WL, PP, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	2'	*1, *2, *3	
Rainbow Salvage 1	7	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	1'	*1, *2, *3	
RZ Salvage 1	37	PP, WL, WWP, DF, WRC, ES, GF, LPP, WH, AF	12X12	5.9	1'	*1	
Spring Creek 1	32	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	1'	*1, *2, *3	
Spring Creek 2	36	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	2'	*1, *2, *3	Heavy bear damage in PP.

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ATTACHMENT D - Pre-Commercial Thinning Specifications

Unit Name	Acres	Species Preference	Avg. Spacing	Max. DBH Cut Limit	Minimum Cut Tree Height (ft.)	* SEE FOOT-NOTES	Remarks
Spring Creek 3	50	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	2'	*1, *2, *3	Heavy bear damage in PP.
Spring Creek 4	23	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	2'	*1, *2, *3, *7	
Spring Creek 5	35	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	2'	*1, *2, *3	
Spring Creek 6	8	WL, PP, WWP, DF, ES, WRC, GF, LPP, WH, AF	14x14	5.9	2'	*1, *2, *3, *7	
Spring Creek 7	23	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
Spring Creek 8	19	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
Spring Creek 9	17	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
Spring Creek 10	19	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	2'	*1, *2, *3, *7	
Mariah Salvage 1	10	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
Mariah Salvage 2	5	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
N. Fork Calispell 5	15	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
N. Fork Calispell 6	20	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14x14	6.9	1'	*1, *2, *3	
Delaney Heights Sal. 2	9	PP, WL, DF, WRC, ES, GF, LPP, WH, AF	14X14	6.9	2'	*1, *2, *3	Heavy bear damage in PP. This unit is top of Spring Creek 2
Total Acres	590						

Contract Name: Delaney Stewardship

ATTACHMENT D - Pre-Commercial Thinning Specifications

ALL UNITS

- Cut no hardwoods, thin around Aspen using spacing guidelines for the rest of the unit.
- Leave a 15' uncut buffer along all open roads.
  15' buffer on all streams and 5' buffer from all open water.

*1 Spacing between LPP shall be ½ the designated spacing or 7' ft. for all items.

*2 All Healthy pruned WWP are designated to leave.

*3 Ignore all healthy pruned WWP. Do not space off of or count as leave trees, any healthy pruned WWP.

*4 Crop tree release only. Cut no PP, WL, or WWP unless diseased or damaged. Clearing limits shall be equal to the height of the crop tree but not less than 7' ft. and not more than 14' ft.

*5 Walk in to unit > ¼ mile.

*6 Ignore all healthy WWP. Do not count in spacing.

*7 Maximum DBH cut limit for LPP shall be 5.9" inches. Maximum DBH cut limit for all other species shall be 6.9" inches.

*8 Moderate to severely logging damaged trees are a high priority for removal regardless of species.

*9 Spacing shall be from the dripline of leave trees when 9" DBH or larger.

Notes: Species abbreviations are as follows: AF = Alpine fir, WRC = western red cedar, DF = Douglas-fir, ES = Engelmann spruce, GF = grand fir, LPP = lodgepole pine, PP = ponderosa pine, WH = western hemlock, WL = western larch, WWP = western white pine.