

SPRUCE UP TIMBER SALE
IDC02-TS-2021.0002
Unit Cruise Summary Worksheet - **EXHIBIT F**
Weight Scale Sale - MBF converted to tons

				Species/ net volume															
	Logging	Cutting			AVG.		AVG.		AVG.		AVG.		AVG.		AVG.	Unit	Estimated	Average	TOTAL
Unit #	System	Rx	Acres	D.F.	dbh/def.	G.F.	dbh/def.	S.A.F.	dbh/def.	L.P.	dbh/def.	E.S.	dbh/def.	W.L.	dbh/def.	avg. dbh	Pulp	per acre	SAWLOG
1C	Skyline	all LTM	9	27	22-14%	34	12-17%	1	9.4-13%	7	10.5-10%	1	10.6-13%	6	14-13%	13.5	25	8.44	76
2T	Tractor	all LTM	30	89	12.6-14%	115	11.8-17%	2	10-13%	23	10.2-10%	2	11-13%	19	13.4-10%	12.1	80	8.33	250
4C	Skyline	LA- W.L.	2	7	19-14%	8	15.5-17%			2	14-10%			1	14.9-13%	15.5	6	9.00	18
5T	Tractor	all LTM	71	211	15-14%	272	13-17%	2	11-12%	53	11.5-10%	6	11-11%	46	10.8-13%	13.5	188	8.31	590
6C	Skyline	LAWL - LTM/OS	9	27	13-14%	42	11.5-17%	1	12-13%	8	12-10%	1	14-13%	2	13.5-13%	11.8	25	9.00	81
7T	Tractor	all LTM	12	37	11.8-14%	44	13.7-17%	1	12-13%	9	13-10%	1	12-13%	8	12.2-11%	13.2	38	8.33	100
7C	Skyline	all LTM	4	11	11.8-14%	17	13.7-17%			3	13-10%			2		13.2	5	8.25	33
8T	Tractor	LA- W.L.	42	125	14.2-14%	161	11.5-17%	2	11.3-13%	32	10-10%	3	12.6-13%	2	13-13%	12.3	112	7.74	325
9C	Skyline	LAWL - LTM/OS	16	50	14.4-14%	61	12.3-17%			12	11-10%	1	12.6-13%	2	13-13%	13.8	43	7.88	126
10C	Skyline	all LTM	19	56	14-14%	73	11.8-17%	1	10.8-13%	14	12-10%	2	12.3-13%	13	12.8-10%	13.5	51	8.37	159
12C	Skyline	LAWL - "DxD"/DF	6	18	13.9-14%	23	13.2-17%			5	14-10%			1	13.5-12%	13.4	17	7.83	47
13C	Skyline	all LTM	30	90	13-14%	115	10.4-17%	1	11.5-13%	23	13.2-10%	2	10.4-12%	9	13.2-9%	12	80	8.00	240
																Standing	670		
Total Acres/Net Volume			250	748		965		11		191		19		111		Downed	490	Total mbf	2045
Ton conversion/mbf -				6.0		6.2		5.7		5.8		5.7		6.0		**All Pulp	1,160m - 6,300 tons		
(TONS)				4488		5983		63		1108		108		666			Total Sawtimber Tons = 12,415		

Acres & Volume by Harvest System

TRACTOR: 155ac 1265m
SKYLINE: 95ac 708m
TOTALS: 250 ac. 2045m

****CUTTING Rx****

- all LTM = Leave Tree Mark (orange paint)
- LA - W.L. = Leave All Western Larch
- LAWL - LTM/OS = Leave all Western Larch & other species marked (orange paint)
- LAWL - LTM/DxD/DF = Leave all Western Larch and well formed dominant/co-dominant Douglas fir if Larch bole spacing exceeds 75'

ESTIMATES

25 BAF variable plots used to determine standing sawlog/pulp estimates, and 1/50th acre fixed plots for downed & post/pole material

- Estimated standing pulp (green/dead)** is 670m, using 5 tons/mbf conversion = 3,350 tons. Of the standing pulp, 525m (2625 tons) is dead L.P.P, D.F. & E.S., remaining 145m is green G.F.
- Estimated downed/ground pulp (dead)** is 490m, using 5 tons/mbf conversions = 2,450 tons. Of the down/ground pulp, approximately 70% is L.P.P, remainder is E.S., D.F. and G.F.
- Post/pole** (5" to 7.9" DBH, 6.5" ave.) material on all units = 13,000 trees/estimate 20 truckloads. Estimate 25 ton/load X 20 loads = 500 ton, included in **All Pulp = 6,300 tons