Timber Sale Appraisal
Swamp Creek GNA Final
Sale SW-341-2021-GF7120-07

District: Southwest

Date: June 15, 2020

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$129,553.58	$0.00	$129,553.58
		Project Work:	($12,598.00)
		Advertised Value:	$116,955.58

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District: Southwest **Date: June 15, 2020**

Timber Description

Location: The sale is located 29 miles east of Roseburg off highway 138. Take the gravel road Boundary approximately 2 miles veering left at the “Y”. Follow the NF020 road staying to the right until you reach Unit 1. Continue on NF until the next ro

Stand Stocking: 80%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	13	0	100
Western Hemlock / Fir	15	0	100
Red Cedar	14	0	100
Incense Cedar	12	0	100

Volume by Grade	2S	3S	4S	CR 12"	Total
Douglas - Fir	81	264	123	0	468
Western Hemlock / Fir	27	32	22	0	81
Red Cedar	0	9	11	0	20
Incense Cedar	0	0	0	49	49
Total	108	305	156	49	618

Comments: Swamp Creek GNA Timber Sale out of Grants Pass field office.

SOURCE OF POND VALUES

Local Pond Values, June, 2020

PULP PRICE

Pulp (Conifer and Hardwood) = $5/ton

SEE PROJECT COST SUMMARY:

OTHER COSTS WITH PROFIT AND RISK TO BE ADDED

Waterbars, Skid Roads (2 miles x $2,000/Mile) = $4,000

Temporary Road Closure 6 berms (6 Hrs x $100/Hr) = $600

Landing Piling/Firewood Sort (10 Piles = 10 Hrs x $100.00) = $1,000

TOTAL OTHER COSTS PLUS PROFIT AND RISK = $5,600

OTHER COSTS NO PROFIT AND RISK ADDED

Equipment Weed Wash (5 Machines 20 hours x $50/hour) = $1,000

SLASH DISPOSAL COSTS

In Unit Slash Piling (25 Acres X $250/Acre) = $6,250

ROAD MAINTENANCE COSTS = $4.08/MBF

Haul route includes 4.0 miles of rocked road through timber sale area. Road Maintenance costs were calculated from the TAS Appraisal Program.

District: Southwest **Date: June 15, 2020**

Logging Conditions

Combination#: 1

Douglas - Fir	45.00%
Western Hemlock / Fir	45.00%
Red Cedar	45.00%
Incense Cedar	45.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Manual Falling/Delimbing

yarding distance: Medium (800 ft) **downhill yarding:** No

tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF

loads / day: 5 **bd. ft / load:** 3700

cost / mbf: $356.76

machines: Log Loader (A)
Tower Yarder (Medium)

Combination#: 2

Douglas - Fir	55.00%
Western Hemlock / Fir	55.00%
Red Cedar	55.00%
Incense Cedar	55.00%

Logging System: Track Skidder **Process:** Feller Buncher

yarding distance: Medium (800 ft) **downhill yarding:** No

tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF

loads / day: 7 **bd. ft / load:** 3700

cost / mbf: $157.89

machines: Log Loader (B)
Stroke Delimber (B)
Feller Buncher w/ Delimber
Track Skidder

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District: Southwest **Date: June 15, 2020**

Logging Costs

Operating Seasons:	1.00	**Profit Risk:**	15%
Project Costs:	$12,598.00	**Other Costs (P/R):**	$5,600.00
Slash Disposal:	$6,250.00	**Other Costs:**	$1,000.00

Miles of Road

Road Maintenance: $0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	4.0	0.0	0.0

Hauling Costs

Species	$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	$0.00	3.0	3.7
Western Hemlock / Fir	$0.00	3.0	3.7
White Fir	$0.00	3.0	3.7
Red Cedar	$0.00	3.0	3.7
Incense Cedar	$0.00	3.0	3.7

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Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$247.38	$4.08	$7.10	$85.59	$9.06	$52.98	$10.11	$2.00	$1.62	$419.92
Western Hemlock / Fir									
$247.38	$4.08	$7.10	$85.59	$9.06	$52.98	$10.11	$2.00	$1.62	$419.92
Red Cedar									
$247.38	$4.08	$7.10	$85.59	$9.06	$52.98	$10.11	$2.00	$1.62	$419.92
Incense Cedar									
$247.38	$4.08	$7.10	$85.59	$9.06	$52.98	$10.11	$2.00	$1.62	$419.92

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$640.80	$220.88	$0.00
Western Hemlock / Fir	$0.00	$526.54	$106.62	$0.00
Red Cedar	$0.00	$733.50	$313.58	$0.00
Incense Cedar	$0.00	$650.00	$230.08	$0.00

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Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	$0.00	$0.00
Western Hemlock / Fir	0	$0.00	$0.00
Red Cedar	0	$0.00	$0.00
Incense Cedar	0	$0.00	$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	468	$220.88	$103,371.84
Western Hemlock / Fir	81	$106.62	$8,636.22
Red Cedar	20	$313.58	$6,271.60
Incense Cedar	49	$230.08	$11,273.92

Gross Timber Sale Value

Recovery: $129,553.58

Prepared By: Kyle Syfert **Phone:** 541-471-3152

PROJECT SUMMARY

Purchaser would only be reimbursed for projects accomplished to specifications.
Purchasers timber account will not be credited for incomplete projects.

Project 1 Exhibit D instructions **Road 4710021**

Point C - D, 2" lift of rock on the 4710-021 Rd, 1,400 feet long	Yards	$/Yard	$/mile	$/Load	
Rock USFS Pit*	100	$0.00		$0	$0
Hauling 30 Miles Round Trip (10 trips)	100		$3.00	$90	$900
Rock removal and Culvert Repair, **C-E** Road Systems (See Exhibit D Details)					$4,114
Move-in Dump truck and Loader					$1,000
*Bloody Point USFS Pit	100	$0.00			$6,014
Rock Spec Size 1.5"-0"					

Project 2 - insructions Exhibit D

Road Grading/Blading	Road	Feet	Miles	Times Graded	$/Mile	
BLM ROW Section **A-B**	4710	8380	1.6	3	$520	2,496
USFS Section **B-C**	4710	2468	0.5	3	$520	780
C-D	4710-021	1587	0.3	3	$520	468
C-E	4710-020	4506	0.9	3	$520	1,404
BLM Road **E-F**	26-1-18	3084	0.6	3	$520	936
	Move-In Grader					500
Grade road as needed, before, during and after logging. Appraisal is for three times.						6,584

Total	**$12,598**

SUMMARY OF ADDITIONAL COSTS

Slash Disposal	Acres	Miles	$/mile	$/Acre		**Total**
In Unit Slash Piling	25			250	$6,250	**$6,250**

Additional Cost with Profit and Risk	Berms	Hours	$/Hour	
Temporary Road Closure - Exhibit G	6	6	$100	$600

	Piles	Hours	$/Hour	
Landing Piling and Firewood Sorting. Ex. E	10	10	$100	$1,000
All piles shall be covered with 4 mil black polyethylene.				

	Acres	Miles	$/mile	$/Acre	
Subsoiling, Waterbarring - Temporary Roads, Skid Roads		2	$2,000		$4,000
Approximately 1/3 of the total skid roads will need to be subsoiled.					

Total	**$5,600**

Additional Costs no Profit and Risk	Machines	Hours	$/Hour		**Total**
Equipment Weed Wash	5	20	50	$1,000	**$1,000**
All Road Maintenance and Logging Equipment would be cleaned prior to entering the Timber Sale Area and Hauling Vicinity.					

TIMBER SALE SUMMARY

1. **Type of Sale:** Recovery sale, sealed bid auction of 50.4 acres of thinning and 4 acres of gap cutting.

2. **Revenue Distribution:** USFS Supplemental Project Agreement 20-GN-11061000-04
   Project GF7120-07 PCA 02604

3. **Sale Acreage:** For the sale, 54.4 net acres were used for the cruise expansion. Acreage was determined with ArcGIS 10.7 and GPS traverse.

4. **Volume:** The table below describes the volume by grade over the two unit sale area. A more detailed look is available in the cruise summary. Incence Cedar is broken out by approximate grade but was appraised as camprun. The majority of volume is in Douglas-fir.

5. **Cruise Data**: The volume of the sale is estimated to be 618 MBF (8.8% sampling error). The volume of individual species or sale areas will be more variable due to the smaller sample compared to the total volume sample. See the cruise report for more detail. Additional SuperAce reports available upon request.

6. **Timber Description:** Unit 1 is a mixed conifer stand with Douglas-fir averaging 13 inches in diameter and 80-100' tall. The stand also includes Western red cedar, Incence cedar and White fir. Unit 2 is mostly a Douglas-fir stand around 70-100' tall. The volume is greatest in Unit 1. These stands are natural Unit 1 is 60-80 years old, Unit 2 is 50-70 years old. The merchantable species will be almost entirely Douglas-fir with some Western Red cedar, Incent cedar, and White fir. The cruise report gives a breakdown of log lengths and scaling diameters by species for the units in the cruise. Reserve timber has been marked with orange to remove the smaller trees in suppressed and intermediate canopy positions and to release dominant and co-dominant trees and improve the quality of the residual stand.

7. **Topography and Logging Method:** The upper portion of the sale is steep and bisected by a number of streams. Cable corridors will have to be planned carefully. Unit 1 has 25 acres of ground-based logging. Area 2 and the east portion of Area 1 will be cable logged. The cable portion is potentially winter logging. Streams in the sale area should not have ground-based equipment within 50'. Unit 2 is 100 percent cable yarding. See the detailed logging map which shows the logging plan. There will be no temporary roads, so logs will need to be skidded to the existing roads in the ground-based portion of Area 1.

8. **Access:** From point A to point B, and E to F, hauling will be on a BLM controlled roadway. From point B to point E it will be on USFS roadway. Access is obtained for all road system. Purchaser will need to take out a bond for the BLM portion of the haul route in the amount of $10,000.

9. **Projects:** From point C to point D, a 2" lift of rock will be needed on the 4710-021 Rd. The cost for the 1400 feet of rocked road is $6,014. Road grading/blading will be need on the BLM ROW section A to B USFS sections B-C, C-D, C-E and BLM road E-F for a cost of $6,584. The two projects total $12,598. Additional Costs include in unit slash piling for $6,250, temporary road closures $600, landing piling and firewood sorting $1000 and subsoiling, waterbarring skid trails $4000 for a total of $5,600. Total costs for these projects is $18,198. Road surfacing, blading, in unit slash piling, landing piling, subsoiling and waterbarring are all described in in the Project Summary, Sale Prospectus, Maps and Exhibits..

10. **Road Maintenance:** The appraisal also includes $3.06/MBF for road maintenance (grading, pulling ditches, etc.) in addition to the project costs.

11. **Other Costs:** Weed washing and Slash disposal (landing piling) as described above.

12. **Slash Disposal:** Yard tops to the landing. Purchaser will pile slash on landings and the tractor ground with an excavator or log loader, sorting out firewood or down wood into a separate piles. USFS will burn the slash piles.

OREGON DEPARTMENT of FORESTRY CRUISE REPORT

1. **Acreage Calculation:** For the Swamp Creek Timber Sale, there are 54.4 net cruise acres in the sale area determined by a combination of GPS traverse waypoints and ArcGIS 10.7 software. Net acres do not include the riparian management areas, regeneration areas within the stand, and non-stocked areas which were not cruised.

2. **Cruise Method:** The Swamp Creek timber sale was cruised by ODF during the winter of 2020. A variable plot cruise was conducted on the sale area.

3. **Sampling Intensity**:

   # Plots 49 Total Plots (24 Measured, 25 Count Plots)

   CV (BDFT) 109% (total)
   SE (BDFT) 12% (total)

   As per ODF standards, total harvest volume of conifers and hardwoods ("take" trees) is estimated to be 618 MBF ± 74 MBF at the 95% confidence level and a sampling error of 12%. The volume estimate will be within 546 MBF and 692 MBF 95% of the time.

4. **Computation Procedures:** Volume was computed using the SuperACE cruise program. Volumes reported are based on the Scribner Log Rule (West).

5. **Form Factors:** Form factors (a ratio of diameter at 4 and 16 feet) were sampled across the diameter distribution in all strata.

6. **Height Standards:** Most conifer trees were measured for total height with a laser rangefinder.

7. **Diameter standards:** Diameters were measured outside bark at breast height to the nearest inch.

8. **Grading System:** Trees were graded primarily as 34 foot segments lengths and according to the Official Log Scaling and Grading Rules published by the Northwest Log Rules Advisory Group.

9. **Merchantable top:** Conifer were graded to a merchantable top specified by the official log scaling rules. For all species except pine, 2S segments were graded to a 12" top inside bark, 3S to a 6" top, and 4S to a 5" top (inside bark). Pine 4S logs were graded to a 12" top inside bark, 5S to a 6" top, and 6S to a 5" top (inside bark).

10. **Deductions for Cull, Defect and Breakage:** All visible field cull was removed in the cruise computation. Additional volume was deducted for the anticipated amount of hidden cull and breakage during logging. The estimated volume reduction used for this anticipated loss to volume was 4%.

11. **Cruisers:** Cruising was performed by Chris Rudd and Kyle Syfert

*ODF does not guarantee the volume of this or any other cruise. Prospective purchasers are advised to do their own cruise and sale volume calculations. Additional SuperAce Reports available upon request.

Reviewed by /s Chris Rudd, Unit Forester: 5/20/2020

CRUISE VOLUME PER ACRE						ADJUSTED VOLUME MBF/ACRE*			
Species (Take)	Unit	2 Saw	3 Saw	4 Saw	Cruise Vol/Acre	2 Saw	3 Saw	4 Saw	Net Cruise Vol/Acre
Douglas-Fir	1	1,170	5,513	2,515	9,198	1,123	5,292	2,414	8,830
Incense Cedar		0	688	765	1,453	0	660	734	1,395
Western Red Cedar			249	329	578	0	239	316	555
White Fir		149	963	316	1,428	143	924	303	1,371
Western Hemlock		553	0	276	829	531	0	265	796
Unit 1 Total	**1**					**1,797**	**7,116**	**4,033**	**12,947**
Douglas-Fir	GAPS	6,250	1,519	1,533	9,302	6,000	1,458	1,472	8,930
Incense Cedar			611	204	815	0	587	196	782
Western Red Cedar			362	150	512	0	348	144	492
White Fir		1,274	451	643	2,368	1,223	433	617	2,273
Gap Total						**7,223**	**2,825**	**2,429**	**12,477**
Unit 2 Douglas-Fir	**2**	**1,177**	**5,035**	**2,253**	**8,465**	**1,130**	**4,834**	**2,163**	**8,126**

*****Adjusted 4% for hidden cull and breakage

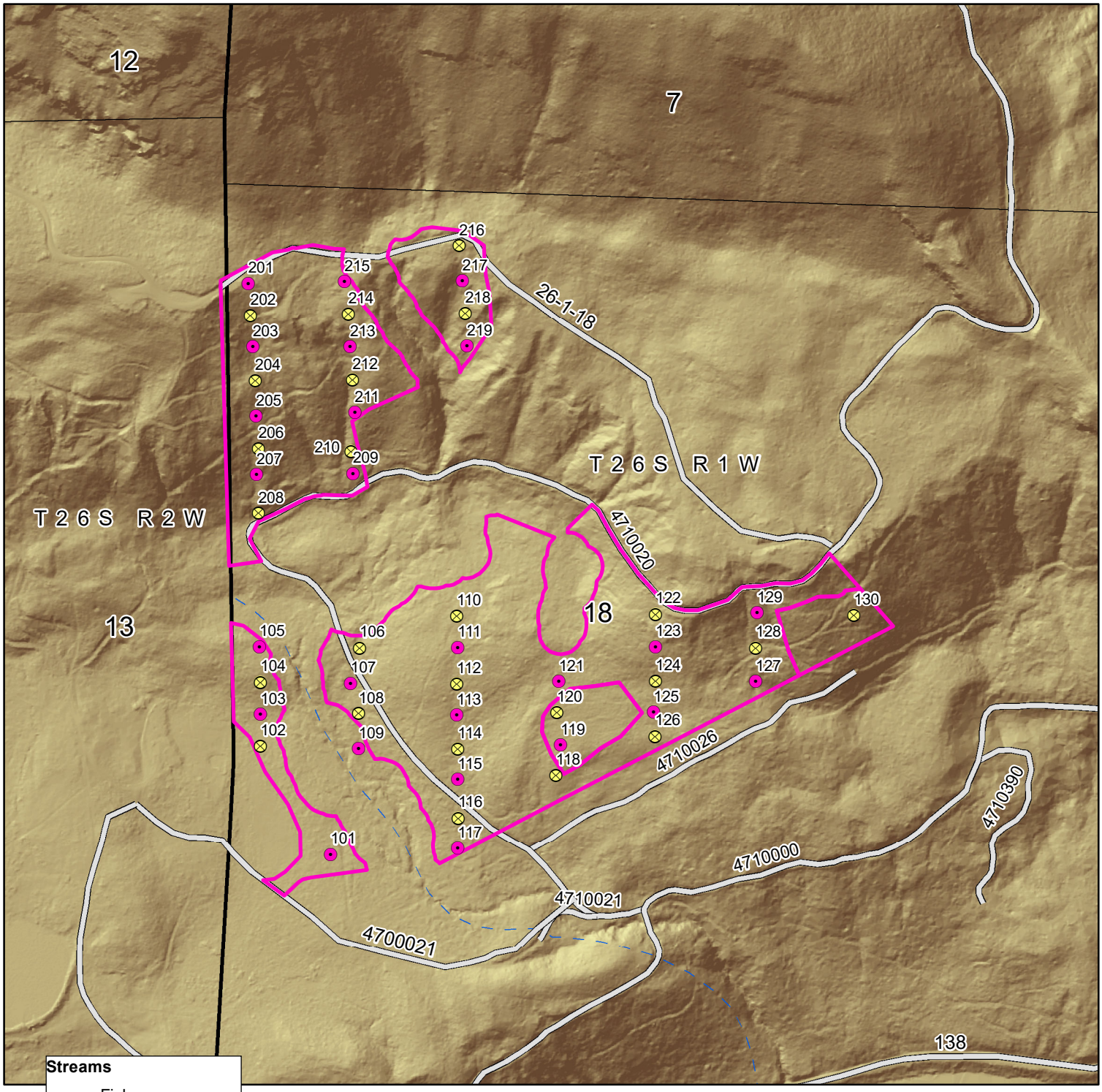
TOTAL ADJUSTED VOLUME MBF						
Species (Take)	**Unit**	NET ACRES	2 Saw	3 Saw	4 Saw	Total Volume
Douglas-Fir	1	33.0	37,066	174,652	79,675	291,393
Incense Cedar			0	21,796	24,235	46,031
Western Red Cedar			0	7,888	10,423	18,311
White Fir			4,720	30,508	10,011	45,239
Western Hemlock			17,519	0	8,744	26,263
Unit 1 Total	**1**		**59,305**	**234,844**	**133,088**	**427,236**
Douglas-Fir	GAPS	4.0	24,000	5,833	5,887	35,720
Incense Cedar			0	2,346	783	3,130
Western Red Cedar			0	1,390	576	1,966
White Fir			4,892	1,732	2,469	9,093
Gap Total			**28,892**	**11,301**	**9,715**	**49,908**
Unit 2 Douglas-Fir	**2**	**17.4**	**19,661**	**84,105**	**37,634**	**141,399**
Sale Volume		54.4	107,858	330,250	180,437	**618,544**

GRADE BY PERCENTAGE				
	2 Saw	3 Saw	4 Saw	Total
Douglas-Fir	13%	43%	20%	76%
Incense Cedar	0%	4%	4%	8%
Western Red Cedar	0%	2%	2%	3%
White Fir	2%	5%	2%	9%
Western Hemlock	3%	0%	1%	4%
Sale Volume	17%	53%	29%	100%

*4% Hidden Cull and Breakage factored in for all areas.

** Volume Estimates by Unit are not as accurate as the total sale volume. Cutout volumes will be more accurate for the total volume than individual units. ODF does not guarantee the volume of this or any other cruise. Prospective purchasers are advised to do their own cruise and sale. These volumes reflect merchantable saw logs. A small amount of pulp logs could be harvested from the sale area, particularly in the sub-merch pine species.

Additional SuperAce Reports are available upon request.



CRUISE MAP
Sale No. SW-341-2021-GF7120-07
SWAMP CREEK GNA - Timber Sale
AREA 1 and 2

Section 18
T26S, R1W, W.M.
Douglas County, Oregon
Regulated Use Area UA-1
Landowner: United States Forest Service

Sale Area	Cruise Acres
1	33.0
2	17.4
Gaps	4.0
TOTAL	**54.4**

0 500 1,000
Feet

N

The information shown on Exhibit "A" map(s) are approximate locations. Exact locations of features represented by map symbols will be determined on site and shall depend upon the conditions that exist on site. Activities shall be conducted based upon features determined on site rather than features shown on maps.

TC PSTATS

PROJECT STATISTICS

PROJECT SWAMPCR

DATE 4/23/2020

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
26S	01	18	SWAMPCRK	001G	33.00	26	187	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	26	187	7.2		
CRUISE	12	90	7.5	6,027	1.5
DBH COUNT					
REFOREST					
COUNT	14	97	6.9		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-L	39	59.1	18.6	104	25.8	111.2	18,347	18,347	4,255	4,255
DOUG FIR-T	23	73.8	12.7	96	18.2	64.6	9,197	9,197	2,159	2,159
INC CED-L	4	4.7	17.4	52	1.9	7.8	995	995	242	242
INC CED-T	8	22.0	12.3	65	5.2	18.1	1,453	1,453	415	415
WR CEDAR-L	3	4.6	21.4	111	2.5	11.6	1,668	1,668	448	448
WR CEDAR-T	2	4.8	14.1	74	1.4	5.2	578	578	154	154
CON FIR-L	3	1.0	26.9	135	0.7	3.9	893	893	177	177
CON FIR-T	5	10.4	11.7	121	2.3	7.8	1,428	1,428	294	294
WHEMLOCK-T	1	1.6	27.0	106	1.2	6.5	829	829	236	236
GR FIR-L	2	.6	27.3	140	0.5	2.6	679	679	131	131
TOTAL	*90*	*182.6*	*15.5*	*95*	*60.8*	*239.1*	*36,067*	*36,067*	*8,512*	*8,512*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR-L	59.7	9.6	391	433	474			
DOUG FIR-T	77.5	16.5	143	172	200			
INC CED-L	146.8	83.9	177	1,098	2,018			
INC CED-T	103.7	39.1	62	103	143			
WR CEDAR-L	37.4	25.9	294	397	499			
WR CEDAR-T	88.4	82.8	28	160	292			
CON FIR-L	41.0	28.4	728	1,017	1,305			
CON FIR-T	46.6	23.1	126	164	202			
WHEMLOCK-T								
GR FIR-L	49.8	46.6	667	1,250	1,833			
TOTAL	*119.1*	*12.5*	*334*	*382*	*430*	*567*	*142*	*63*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR-L	56.2	9.0	90	99	108			
DOUG FIR-T	71.9	15.3	34	40	47			
INC CED-L	119.8	68.4	72	229	387			
INC CED-T	92.4	34.8	18	28	38			
WR CEDAR-L	37.5	26.0	79	107	134			
WR CEDAR-T	86.7	81.2	8	42	77			
CON FIR-L	35.6	24.7	150	200	249			
CON FIR-T	59.6	29.6	25	36	46			
WHEMLOCK-T								
GR FIR-L	54.0	50.6	121	245	369			
TOTAL	*101.1*	*10.6*	*77*	*86*	*95*	*408*	*102*	*45*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-L	51.9	10.4	53	59	65			

PROJECT STATISTICS

PROJECT SWAMPCR

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
26S	01	18	SWAMPCRK	001G	33.00	26	187	S	W

TREES/ACRE

CL 68.1 SD: 1.00

	COEFF VAR.	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-T	84.2	16.8	61	74	86			
INC CED-L	276.8	55.3	2	5	7			
INC CED-T	227.8	45.6	12	22	32			
WR CEDAR-L	244.3	48.9	2	5	7			
WR CEDAR-T	249.4	49.9	2	5	7			
CON FIR-L	397.9	79.6	0	1	2			
CON FIR-T	394.8	78.9	2	10	19			
WHEMLOCK-T	416.5	83.3	0	2	3			
GR FIR-L	384.2	76.8	0	1	1			
TOTAL	*58.1*	*11.6*	*161*	*183*	*204*	*141*	*35*	*16*

BASAL AREA/ACRE

CL 68.1 SD: 1.0

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-L	43.4	8.7	102	111	121			
DOUG FIR-T	76.3	15.3	55	65	74			
INC CED-L	186.2	37.2	5	8	11			
INC CED-T	218.0	43.6	10	18	26			
WR CEDAR-L	244.3	48.9	6	12	17			
WR CEDAR-T	239.2	47.8	3	5	8			
CON FIR-L	373.9	74.8	1	4	7			
CON FIR-T	353.3	70.6	2	8	13			
WHEMLOCK-T	416.5	83.3	1	6	12			
GR FIR-L	353.3	70.6	1	3	4			
TOTAL	*42.3*	*8.5*	*219*	*239*	*259*	*74*	*19*	*8*

NET BF/ACRE

CL 68.1 SD: 1.0

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-L	46.9	9.4	16,628	18,347	20,065			
DOUG FIR-T	77.5	15.5	7,772	9,197	10,622			
INC CED-L	222.4	44.5	553	995	1,438			
INC CED-T	217.5	43.5	821	1,453	2,085			
WR CEDAR-L	244.3	48.9	853	1,668	2,482			
WR CEDAR-T	246.1	49.2	293	578	862			
CON FIR-L	362.5	72.5	246	893	1,541			
CON FIR-T	364.6	72.9	387	1,428	2,469			
WHEMLOCK-T	416.5	83.3	139	829	1,520			
GR FIR-L	354.2	70.8	198	679	1,160			
TOTAL	*45.8*	*9.2*	*32,765*	*36,067*	*39,370*	*87*	*22*	*10*

NET CUFT FT/ACRE

CL 68.1 SD: 1.0

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-L	45.0	9.0	3,872	4,255	4,637			
DOUG FIR-T	76.3	15.3	1,829	2,159	2,488			
INC CED-L	200.7	40.1	145	242	340			
INC CED-T	213.9	42.8	238	415	593			
WR CEDAR-L	244.3	48.9	229	448	668			
WR CEDAR-T	245.4	49.1	79	154	230			
CON FIR-L	368.2	73.6	47	177	307			
CON FIR-T	351.0	70.2	88	294	500			
WHEMLOCK-T	416.5	83.3	39	236	433			
GR FIR-L	353.5	70.7	38	131	224			
TOTAL	*42.4*	*8.5*	*7,791*	*8,512*	*9,232*	*75*	*19*	*8*

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: SWAMPCRK

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Date 4/23/2020
Time 9:40:14AM

T26S R01W S18 T001G

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
26S	01W	18	SWAMPCRK	001G	33.00	26	97	S	W

T26S R01W S18 T001G

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	L	DO	2M	54		10,022	10,022	331			63	37			100		34	15	283	1.84	35.4
DF	L	DO	3M	30		5,478	5,478	181	2	83	15			6	94		33	9	111	0.77	49.6
DF	L	DO	4M	16		2,847	2,847	94	53	47			14	66	4	16	25	6	36	0.40	79.0
DF	**L**	**Totals**		51		18,347	18,347	605	9	32	39	20	2	12	83	3	29	9	112	0.89	163.9
DF	T	DO	2M	12		1,170	1,170	39			70	30			100		34	13	223	1.51	5.2
DF	T	DO	3M	60		5,513	5,513	182		97	3				100		34	8	81	0.57	67.7
DF	T	DO	4M	28		2,515	2,515	83	84	16			13	64	10	13	23	5	26	0.26	96.2
DF	**T**	**Totals**		26		9,197	9,197	304	23	62	11	4	3	17	76	4	28	7	54	0.46	169.1
IC	T	DO	3M	47		688	688	23		70	30				100		34	9	100	0.82	6.9
IC	T	DO	4M	53		765	765	25	91	9			9	31	60		18	5	22	0.35	34.6
IC	**T**	**Totals**		4		1,453	1,453	48	48	38	14		5	16	79		21	6	35	0.48	41.5
IC	L	DO	2M	14		140	140	5			100				100		34	13	210	2.03	.7
IC	L	DO	3M	58		579	579	19				100			100		34	24	920	5.69	.6
IC	L	DO	4M	28		277	277	9	36	17	19	28	17	52	31		23	6	47	0.56	5.8
IC	**L**	**Totals**		3		995	995	33	10	5	19	66	5	15	81		25	9	140	1.36	7.1
RC	L	DO	3M	43		733	733	24			48	52			100		34	15	300	2.42	2.4
RC	L	DO	4M	57		935	935	31	15	31	55			60	40		29	8	81	0.75	11.5
RC	**L**	**Totals**		5		1,668	1,668	55	8	17	52	23		34	66		30	10	120	1.08	13.9
RC	T	DO	3M	43		249	249	8			100				100		34	12	170	1.38	1.5
RC	T	DO	4M	57		329	329	11	33	67			40	60			22	7	35	0.42	9.5
RC	**T**	**Totals**		2		578	578	19	19	38	43		23	34	43		23	7	53	0.61	11.0
WF	T	DO	2M	10		149	149	5			100				100		34	12	170	1.26	.9
WF	T	DO	3M	67		963	963	32		100					100		34	7	69	0.41	14.1
WF	T	DO	4M	23		316	316	10	100				13	58		30	29	5	30	0.19	10.4
WF	**T**	**Totals**		4		1,428	1,428	47	22	67	10		3	13	78	7	32	7	56	0.36	25.3
WF	L	DO	2M	57		509	509	17			33	67			100		34	19	518	2.86	1.0
WF	L	DO	3M	31		278	278	9			60	40			100		34	15	283	1.58	1.0
WF	L	DO	4M	12		106	106	3	23	46	30		23	77			23	8	54	0.64	2.0
WF	**L**	**Totals**		2		893	893	29	3	6	41	51	3	9	88		28	12	227	1.58	3.9
WH	T	DO	2M	66		553	553	18			100				100		34	16	340	2.99	1.6
WH	T	DO	4M	34		276	276	9	18		82			100			28	9	85	0.78	3.3
WH	**T**	**Totals**		2		829	829	27	6		94			33	67		30	11	170	1.61	4.9
GF	L	DO	2M	56		385	385	13				100			100		34	20	606	3.22	.6
GF	L	DO	3M	30		203	203	7			53	47			100		34	15	320	1.79	.6

Species, Sort Grade - Board Foot Volumes (Type)

Project: SWAMPCRK

T26S R01W S18 T001G

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
26S	01W	18	SWAMPCRK	001G	33.00	26	97	S	W

T26S R01W S18 T001G

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
GF	L	DO	4M	14		91	91	3	21	44	35		100				26	8	72	0.70	1.3
GF L Totals				2		679	679	22	3	6	21	71	13	87			30	13	267	1.72	2.5
Type Totals						36,067	36,067	1,190	14	38	31	17	3	16	79	2	28	8	81	0.69	443.2

TC PLOTTREELIST

Plot Tree List - Volumes

Project SWAMPCRK

Date 4/23/2020

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE
26S	01W	18	SWAMPCRK	001G	33.00	26	97	2/1/2020

Plot No.	Tree No.	Age	SI	Spp St	Trees Me.	Trees Ct.	DBH	16' FF	Tot Ht.	BA /Ac.	Trees /Ac.	Logs /Ac.	Net CuFt/Ac.	Net BdFt/Ac.	Total CUNITS	Total MBF
0101	0001	70	120	WF T	1		12.0	94	127	33.6	42.79	128.4	1,490	7,703	19	10
	0002	70	120	WF T	1		13.0	92	130	33.6	36.46	109.4	1,384	6,928	18	9
	0003	70	120	DF T	1		12.0	89	120	33.6	42.79	128.4	1,238	5,991	16	8
	0004	70	120	DF T	1		11.0	89	120	33.6	50.93	152.8	1,195	5,602	15	7
	0005	70	120	GF L	1		23.0	92	140	33.6	11.65	46.6	1,763	9,436	22	12
	0006	70	120	DF T	1		12.0	89	120	33.6	42.79	128.4	1,238	5,991	16	8
	0007	70	120	WF T	1		11.0	89	115	33.6	50.93	101.9	1,115	5,093	14	6
	0008	70	120	WF T	1		9.0	89	117	33.6	76.08	152.2	1,060	6,086	13	8
	0009	70	120	DF L	1		15.0	92	105	33.6	27.39	82.2	1,282	6,025	16	8
	0010	70	120	WF L	1		31.0	89	139	33.6	6.41	25.6	1,649	9,041	21	11
0101			120		10		12.6	90	120	336.1	388.23	1055.7	13,414	67,897	170	86
0102	0001	70	120	DF T		2	12.0	85	96	67.2	76.74	175.9	2,245	9,565	28	12
	0002	70	120	DF L		4	18.0	85	104	134.4	71.47	198.2	5,145	22,187	65	28
0102			120			6	15.8	85	100	201.7	148.21	374.1	7,390	31,752	94	40
0103	0001	70	120	DF T	1		12.0	92	110	33.6	42.79	128.4	1,310	6,419	17	8
	0002	70	120	DF L	1		17.0	89	115	33.6	21.32	64.0	1,336	5,757	17	7
	0003	70	120	DF L	1		14.0	90	100	33.6	31.44	94.3	1,226	5,974	16	8
	0004	70	120	DF T	1		15.0	87	110	33.6	27.39	82.2	1,212	5,478	15	7
	0005	70	120	DF T	1		11.0	85	95	33.6	50.93	101.9	1,080	4,584	14	6
	0006	70	120	DF L	1		21.0	91	110	33.6	13.97	41.9	1,345	6,428	17	8
	0007	70	120	RC T	1		12.0	80	60	33.6	42.79	85.6	704	2,568	9	3
	0008	70	120	IC L	1		48.0	87	150	33.6	2.67	10.7	1,672	9,334	21	12
	0009	70	120	DF L	1		19.0	87	105	33.6	17.07	51.2	1,245	5,633	16	7
	0010	70	120	DF L	1		22.0	85	139	33.6	12.73	50.9	1,541	7,130	20	9
	0011	70	120	DF L	1		25.0	89	139	33.6	9.86	39.4	1,605	8,085	20	10
	0012	70	120	DF L	1		17.0	87	110	33.6	21.32	64.0	1,291	5,544	16	7
	0013	70	120	IC T	1		11.0	75	55	33.6	50.93	50.9	689	2,037	9	3
	0014	70	120	DF T	1		13.0	89	100	33.6	36.46	72.9	1,172	5,105	15	6
0103			120		14		15.0	86	95	470.5	381.69	938.3	17,427	80,074	221	102
0104	0001	70	120	DF L		4	18.0	85	104	134.4	71.47	198.2	5,145	22,187	65	28
	0002	70	120	DF T		4	12.0	85	96	134.4	153.48	351.7	4,490	19,130	57	24
	0003	70	120	IC T		1	12.0	79	65	33.6	40.91	77.1	771	2,699	10	3
	0004	70	120	RC T		1	14.0	80	74	33.6	30.91	71.3	1,003	3,756	13	5
0104			120			10	14.4	84	91	336.1	296.77	698.3	11,410	47,772	145	61
0105	0001	70	120	RC L	1		18.0	78	118	33.6	19.02	57.1	1,377	5,135	17	7
	0002	70	120	DF L	1		20.0	85	131	33.6	15.41	46.2	1,539	6,624	20	8
	0003	70	120	WF L	1		22.0	90	132	33.6	12.73	50.9	1,529	7,385	19	9
	0004	70	120	WF L	1		31.0	81	135	33.6	6.41	25.6	1,419	6,797	18	9
	0005	70	120	WF T	1		18.0	81	125	33.6	19.02	57.1	1,319	5,135	17	7
	0006	70	120	WH T	1		27.0	75	106	33.6	8.45	25.4	1,227	4,311	16	5
	0007	70	120	RC T	1		18.0	80	105	33.6	19.02	57.1	1,303	4,945	17	6
	0008	70	120	RC L	1		22.0	80	105	33.6	12.73	38.2	1,236	4,584	16	6
	0009	70	120	DF L	1		20.0	80	123	33.6	15.41	46.2	1,308	5,238	17	7
	0010	70	120	DF T	1		14.0	90	110	33.6	31.44	94.3	1,305	6,288	17	8
	0011	70	120	RC L	1		27.0	78	106	33.6	8.45	25.4	1,274	4,734	16	6
0105			120		11		20.1	83	117	369.7	168.09	523.4	14,834	61,176	188	78
0106	0001	70	120	DF L		3	18.0	85	104	100.8	53.60	148.7	3,859	16,640	49	21
	0002	70	120	RC L		1	21.0	79	111	33.6	13.40	40.2	1,296	4,817	16	6
	0003	70	120	DF T		3	12.0	85	96	100.8	115.11	263.8	3,368	14,348	43	18

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE
26S	01W	18	SWAMPCRK	001G	33.00	26	97	2/1/2020

Plot No.	Tree No.	Age	SI	Spp St	Trees Me.	Trees Ct.	DBH	16' FF	Tot Ht.	BA /Ac.	Trees /Ac.	Logs /Ac.	Net CuFt/Ac.	Net BdFt/Ac.	Total CUNITS	Total MBF
0106			120			7	15.4	85	99	235.3	182.11	452.6	8,522	35,805	108	45
0107	0001	70	120	GF L	1		35.6	81	141	33.6	4.86	19.4	1,646	8,217	21	10
	0002	70	120	DF L	1		21.0	82	128	33.6	13.97	41.9	1,442	6,009	18	8
	0003	70	120	DF L	1		25.0	88	118	33.6	9.86	29.6	1,446	6,902	18	9
	0004	70	120	DF T	1		24.0	88	128	33.6	10.70	32.1	1,498	7,168	19	9
	0005	70	120	DF L	1		24.0	88	128	33.6	10.70	32.1	1,498	7,168	19	9
0107			120		5		24.8	86	127	168.1	50.09	155.1	7,529	35,463	96	45
0108	0001	70	120	RC L		1	21.0	79	111	33.6	13.40	40.2	1,296	4,817	16	6
	0002	70	120	GF T		1										
	0003	70	120	WF T		1	11.0	90	121	33.6	45.06	109.8	1,273	6,189	16	8
	0004	70	120	DF L		3	18.0	85	104	100.8	53.60	148.7	3,859	16,640	49	21
	0005	70	120	DF T		1	12.0	85	96	33.6	38.37	87.9	1,123	4,783	14	6
0108			120			7	15.7	86	108	201.7	150.43	386.5	7,550	32,429	96	41
0110	0001	70	120	DF L		4	18.0	85	104	134.4	71.47	198.2	5,145	22,187	65	28
	0002	70	120	DF T		1	12.0	85	96	33.6	38.37	87.9	1,123	4,783	14	6
0110			120			5	16.7	85	101	168.1	109.84	286.1	6,268	26,969	80	34
0111	0001	70	120	DF L	1		26.0	86	122	33.6	9.12	27.3	1,440	6,381	18	8
	0002	70	120	DF T	1		17.0	81	111	33.6	21.32	64.0	1,220	4,904	15	6
	0003	70	120	DF L	1		14.3	83	99	33.6	30.13	60.3	1,114	4,219	14	5
	0004	70	120	DF L	1		19.6	78	109	33.6	16.04	48.1	1,186	4,171	15	5
	0005	70	120	DF L	1		14.6	85	100	33.6	28.91	57.8	1,197	5,493	15	7
	0006	70	120	DF L	1		19.0	88	110	33.6	17.07	51.2	1,281	5,804	16	7
	0007	70	120	DF T	1		18.0	87	110	33.6	19.02	57.1	1,221	4,945	15	6
	0008	70	120	IC T	1		17.0	80	90	33.6	21.32	42.6	1,023	3,625	13	5
0111			120		8		17.4	83	104	268.9	162.94	408.4	9,683	39,541	123	50
0112	0001	70	120	DF L		2	18.0	85	104	67.2	35.74	99.1	2,573	11,093	33	14
0112			120			2	18.6	85	104	67.2	35.74	99.1	2,573	11,093	33	14
0113	0001	70	120	DF L	1		15.0	84	101	33.6	27.39	82.2	1,210	5,204	15	7
	0002	70	120	DF L	1		20.0	83	114	33.6	15.41	46.2	1,287	5,238	16	7
	0003	70	120	DF L	1		16.0	83	102	33.6	24.07	72.2	1,149	4,574	15	6
	0004	70	120	DF L	1		29.0	82	119	33.6	7.33	22.0	1,350	5,789	17	7
0113			120		4		18.2	83	106	134.4	74.19	222.6	4,995	20,804	63	26
0114	0001	70	120	RC L		3	21.0	79	111	100.8	40.20	120.6	3,887	14,452	49	18
	0002	70	120	DF L		1	18.0	85	104	33.6	17.87	49.6	1,286	5,547	16	7
	0003	70	120	RC T		1	14.0	80	74	33.6	30.91	71.3	1,003	3,756	13	5
0114			120			5	18.6	81	97	168.1	88.98	241.5	6,176	23,755	78	30
0115	0001	70	120	DF L	1		20.0	85	97	33.6	15.41	46.2	1,182	4,776	15	6
	0002	70	120	IC L	1		23.1	75	93	33.6	11.55	34.6	1,050	3,464	13	4
	0003	70	120	DF T	1		13.0	92	87	33.6	36.46	72.9	1,087	4,740	14	6
	0004	70	120	DF L	1		18.5	82	75	33.6	18.01	36.0	929	3,241	12	4
	0005	70	120	DF T	1		13.0	87	83	33.6	36.46	72.9	933	3,646	12	5
	0006	70	120	DF T	1		8.0	81	70	33.6	96.29	96.3	701	2,889	9	4
0115			120		6		13.1	84	79	201.7	214.17	359.0	5,883	22,756	75	29
0116	0001	70	120	IC T		1	12.0	79	65	33.6	40.91	77.1	771	2,699	10	3
	0002	70	120	IC T		1	12.0	79	65	33.6	40.91	77.1	771	2,699	10	3
	0003	70	120	IC L		1	17.0	75	52	33.6	20.35	30.9	1,050	4,314	13	5
	0004	70	120	DF L		3	18.0	85	104	100.8	53.60	148.7	3,859	16,640	49	21
	0005	70	120	DF T		2	12.0	85	96	67.2	76.74	175.9	2,245	9,565	28	12

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE
26S	01W	18	SWAMPCRK	001G	33.00	26	97	2/1/2020

Plot No.	Tree No.	Age	SI	Spp St	Trees Me.	Trees Ct.	DBH	16' FF	Tot Ht.	BA /Ac.	Trees /Ac.	Logs /Ac.	Net CuFt/Ac.	Net BdFt/Ac.	Total CUNITS	Total MBF
0116			120			8	14.6	82	83	268.9	232.52	509.5	8,696	35,916	110	46
0117	0001	70	120	DF L	1		17.0	84	100	33.6	21.32	64.0	1,161	4,478	15	6
	0002	70	120	DF T	1		13.0	82	88	33.6	36.46	72.9	1,036	3,646	13	5
	0003	70	120	IC T	1		13.0	85	64	33.6	36.46	72.9	741	2,552	9	3
	0004	70	120	IC L	1		33.3	68	105	33.6	5.56	16.7	1,086	3,223	14	4
	0005	70	120	DF L	1		10.0	82	73	33.6	61.62	123.2	777	3,081	10	4
	0006	70	120	DF L	1		11.0	83	84	33.6	50.93	101.9	1,008	4,074	13	5
	0007	70	120	DF T	1		8.0	81	71	33.6	96.29	192.6	631	2,889	8	4
0117			120		7		11.8	82	77	235.3	308.64	644.2	6,440	23,944	82	30
0118	0001	70	120	WH T		4	26.0	75	106	134.4	33.81	101.4	4,908	17,244	62	22
	0002	70	120	DF L		3	18.0	85	104	100.8	53.60	148.7	3,859	16,640	49	21
	0003	70	120	GF T		1										
0118			120			8	22.2	81	105	235.3	87.41	250.1	8,767	33,884	111	43
0121	0001	70	120	IC L	1		10.0	75	35	33.6	61.62	61.6	392	1,232	5	2
0121			120		1		10.0	75	35	33.6	61.62	61.6	392	1,232	5	2
0122	0001	70	120	IC L		1	17.0	75	52	33.6	20.35	30.9	1,050	4,314	13	5
	0002	70	120	DF L		4	18.0	85	104	134.4	71.47	198.2	5,145	22,187	65	28
	0003	70	120	DF T		6	12.0	85	96	201.7	230.21	527.6	6,735	28,695	85	36
0122			120			11	14.5	84	95	369.7	322.03	756.7	12,930	55,195	164	70
0123	0001	70	120	DF L		1	18.0	85	104	33.6	17.87	49.6	1,286	5,547	16	7
	0002	70	120	DF T		1	12.0	85	96	33.6	38.37	87.9	1,123	4,783	14	6
	0003	70	120	DF L		1	18.0	85	104	33.6	17.87	49.6	1,286	5,547	16	7
	0004	70	120	RC L		1	21.0	79	111	33.6	13.40	40.2	1,296	4,817	16	6
	0005	70	120	DF T		1	12.0	85	96	33.6	38.37	87.9	1,123	4,783	14	6
	0006	70	120	DF L		1	18.0	85	104	33.6	17.87	49.6	1,286	5,547	16	7
	0007	70	120	DF L		1	18.0	85	104	33.6	17.87	49.6	1,286	5,547	16	7
0123			120			7	16.3	85	101	235.3	161.61	414.3	8,686	36,569	110	46
0124	0001	70	120	DF L		4	18.0	85	104	134.4	71.47	198.2	5,145	22,187	65	28
	0002	70	120	DF T		2	12.0	85	96	67.2	76.74	175.9	2,245	9,565	28	12
0124			120			6	15.8	85	100	201.7	148.21	374.1	7,390	31,752	94	40
0125	0001	70	120	IC T	1		11.0	80	62	33.6	50.93	101.9	590	2,037	7	3
	0002	70	120	DF T	1		12.0	80	86	33.6	42.79	85.6	964	3,423	12	4
	0003	70	120	DF L	1		22.0	83	106	33.6	12.73	38.2	1,203	4,584	15	6
	0004	70	120	DF L	1		28.0	82	109	33.6	7.86	23.6	1,243	5,109	16	6
	0005	70	120	IC T	1		9.0	78	60	33.6	76.08	152.2	594	2,282	8	3
	0006	70	120	IC T	1		14.0	81	73	33.6	31.44	62.9	817	2,830	10	4
	0007	70	120	DF L	1		24.0	81	109	33.6	10.70	32.1	1,201	4,814	15	6
	0008	70	120	IC T	1		22.0	83	96	33.6	12.73	38.2	1,074	4,329	14	5
	0009	70	120	DF L	1		32.0	79	109	33.6	6.02	18.1	1,261	5,175	16	7
	0010	70	120	DF L	1		32.0	80	110	33.6	6.02	18.1	1,311	5,536	17	7
	0011	70	120	DF T	1		17.5	81	76	33.6	20.12	40.2	903	3,219	11	4
	0012	70	120	IC T	1		11.4	73	60	33.6	47.42	94.8	642	1,897	8	2
	0013	70	120	DF T	1		13.5	83	73	33.6	33.81	67.6	886	3,043	11	4
0125			120		13		14.9	79	74	436.9	358.65	773.4	12,689	48,279	161	61
0126	0001	70	120	DF L		4	18.0	85	104	134.4	71.47	198.2	5,145	22,187	65	28
	0002	70	120	DF T		2	12.0	85	96	67.2	76.74	175.9	2,245	9,565	28	12
	0003	70	120	IC T		3	12.0	79	65	100.8	122.74	231.2	2,314	8,096	29	10
0126			120			9	14.3	82	84	302.5	270.95	605.2	9,704	39,848	123	51

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE
26S	01W	18	SWAMPCRK	001G	33.00	26	97	2/1/2020

Plot No.	Tree No.	Age	SI	Spp St	Trees Me.	Trees Ct.	DBH	16' FF	Tot Ht.	BA /Ac.	Trees /Ac.	Logs /Ac.	Net CuFt/Ac.	Net BdFt/Ac.	Total CUNITS	Total MBF
0127	0001	70	120	DF L	1		20.5	86	115	33.6	14.66	44.0	1,343	5,865	17	7
	0002	70	120	DF L	1		25.1	83	114	33.6	9.78	29.3	1,352	5,771	17	7
	0003	70	120	DF L	1		24.0	83	118	33.6	10.70	32.1	1,375	5,777	17	7
	0004	70	120	DF L	1		16.0	84	98	33.6	24.07	72.2	1,133	4,574	14	6
	0005	70	120	DF T	1		14.0	83	115	33.6	31.44	94.3	1,227	5,345	16	7
	0006	70	120	DF T	1		12.0	82	106	33.6	42.79	85.6	1,210	4,707	15	6
	0007	70	120	DF T	1		21.0	83	111	33.6	13.97	41.9	1,277	5,030	16	6
0127			120		7		17.1	83	109	235.3	147.42	399.5	8,916	37,070	113	47
0128	0001	70	120	DF T		2	12.0	85	96	67.2	76.74	175.9	2,245	9,565	28	12
	0002	70	120	DF L		4	18.0	85	104	134.4	71.47	198.2	5,145	22,187	65	28
0128			120			6	15.8	85	100	201.7	148.21	374.1	7,390	31,752	94	40
0129	0001	70	120	DF L	1		26.2	85	145	33.6	8.98	35.9	1,627	8,079	21	10
	0002	70	120	DF L	1		30.3	86	123	33.6	6.71	20.1	1,474	6,913	19	9
	0003	70	120	DF L	1		20.0	84	111	33.6	15.41	46.2	1,268	5,084	16	6
	0004	70	120	DF T	1		18.0	83	108	33.6	19.02	57.1	1,275	4,945	16	6
0129			120		4		22.2	84	118	134.4	50.11	159.3	5,644	25,022	72	32
TYPE			120		90	97	15.5		95	239.1	182.65	443.2	8,512	36,067	2,809	1,190

TC TLOGSTVB

Log Stock Table - MBF

Project: SWAMPCRK

T26S R01W S18 T001G

T26S R01W S18 T001G

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
26S	01W	18	SWAMPCRK	001G	33.00	26	97

Page 1
Date 4/23/2020
Time 9:40:50AM

Spp	S T	Sort	Grade	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF	L	DO	2M	34	331		331	36.4						94	97	107	33			
DF	L	DO	3M	25	4		4	.5					4							
DF	L	DO	3M	26	1		1	.2		1										
DF	L	DO	3M	28	4		4	.5				4								
DF	L	DO	3M	29	2		2	.2		2										
DF	L	DO	3M	34	169		169	18.6			17	21	104	27						
DF	L	DO	4M	9																
DF	L	DO	4M	20	13		13	1.4		4		9								
DF	L	DO	4M	21	7		7	.8		5		3								
DF	L	DO	4M	22	9		9	1.0		3		2	3							
DF	L	DO	4M	23	7		7	.7		1		5								
DF	L	DO	4M	24	7		7	.8		5			3							
DF	L	DO	4M	26	14		14	1.5		7		6								
DF	L	DO	4M	27	5		5	.6		1			5							
DF	L	DO	4M	28	10		10	1.1		3			7							
DF	L	DO	4M	29	1		1	.1		1										
DF	L	DO	4M	30	1		1	.1		1										
DF	L	DO	4M	31	2		2	.2		2										
DF	L	DO	4M	33	1		1	.1		1										
DF	L	DO	4M	35	1		1	.1		1										
DF	L	DO	4M	37	3		3	.3		3										
DF	L	DO	4M	39	5		5	.6		5										
DF	L	DO	4M	40	1		1	.1		1										
DF	L	DO	4M	41	7		7	.8		7										
DF	T	DO	2M	34	39		39	4.2						18	9	12				
DF	T	DO	3M	34	182		182	20.0			35	103	37	6						
DF	T	DO	4M																	
DF	T	DO	4M	10																
DF	T	DO	4M	15	6		6	.7		6										
DF	T	DO	4M	17	1		1	.1		1										
DF	T	DO	4M	18	1		1	.1		1										
DF	T	DO	4M	19	2		2	.2		2										
DF	T	DO	4M	21	4		4	.4			4									
DF	T	DO	4M	22	2		2	.3		2										
DF	T	DO	4M	23	3		3	.3		3										
DF	T	DO	4M	24	9		9	1.0		3		6								
DF	T	DO	4M	25	2		2	.2		2										
DF	T	DO	4M	26	8		8	.9		5		3								
DF	T	DO	4M	27	12		12	1.3		12										
DF	T	DO	4M	28	5		5	.5		5										
DF	T	DO	4M	30	8		8	.9		8										
DF	T	DO	4M	31	3		3	.3		3										
DF	T	DO	4M	34	6		6	.6		6										
DF	T	DO	4M	37	5		5	.5		5										
DF	T	DO	4M	39	4		4	.4		4										
DF	T	DO	4M	41	2		2	.2		2										
DF			Totals		909		909	76.4		123	56	164	164	145	106	118	33			
IC	L	DO	2M	34	5		5	5.7						5						
IC	L	DO	3M	34	19		19	23.6								4		6	9	

TC TLOGSTVB

Log Stock Table - MBF

Project: SWAMPCRK

T26S R01W S18 T001G

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
26S	01W	18	SWAMPCRK	001G	33.00	26	97

T26S R01W S18 T001G

Date 4/23/2020

Time 9:40:50AM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
IC	L	DO	4M	20	2		2	1.9						2						
IC	L	DO	4M	21	0		0	.5		0										
IC	L	DO	4M	22	2		2	2.9		2										
IC	L	DO	4M	27	2		2	2.1						2						
IC	L	DO	4M	28	0		0	.4		0										
IC	L	DO	4M	34	3		3	3.5		0						3				
IC	T	DO	3M	34	23		23	28.1			5	5	6		7					
IC	T	DO	4M																	
IC	T	DO	4M	12	1		1	1.0		1										
IC	T	DO	4M	18	1		1	1.7		1										
IC	T	DO	4M	22	3		3	3.5		1			2							
IC	T	DO	4M	27	5		5	6.3		5										
IC	T	DO	4M	34	13		13	16.4		13										
IC	T	DO	4M	35	2		2	2.3		2										
IC			Totals		81		81	6.8		26	5	5	10	6	7	7		6	9	
RC	L	DO	3M	34	24		24	32.6							12	13				
RC	L	DO	4M	26	6		6	7.9		1			4							
RC	L	DO	4M	28	11		11	14.2		1		5		5						
RC	L	DO	4M	29	2		2	2.9		2										
RC	L	DO	4M	34	12		12	16.6						12						
RC	T	DO	3M	34	8		8	11.1						8						
RC	T	DO	4M	20	4		4	5.9				4								
RC	T	DO	4M	21	2		2	2.9		2										
RC	T	DO	4M	24	4		4	5.9		1		3								
RC			Totals		74		74	6.2		8		12	4	25	12	13				
WF	L	DO	2M	34	17		17	21.9								5		11		
WF	L	DO	3M	34	9		9	12.0						3		6				
WF	L	DO	4M	20	1		1	1.1				1								
WF	L	DO	4M	21	0		0	.4		0										
WF	L	DO	4M	24	1		1	1.4		0			1							
WF	L	DO	4M	26	1		1	1.4						1						
WF	L	DO	4M	27	0		0	.3		0										
WF	T	DO	2M	34	5		5	6.4						5						
WF	T	DO	3M	34	32		32	41.5			18	14								
WF	T	DO	4M	20	1		1	1.7		1										
WF	T	DO	4M	25	2		2	2.2		2										
WF	T	DO	4M	28	3		3	4.5		3										
WF	T	DO	4M	29	1		1	1.1		1										
WF	T	DO	4M	40	3		3	4.1		3										
WF			Totals		77		77	6.4		11	18	15	1	9		12		11		
WH	T	DO	2M	34	18		18	66.7								18				
WH	T	DO	4M	28	9		9	33.3		2				8						
WH			Totals		27		27	2.3		2				8		18				
GF	L	DO	2M	34	13		13	56.7								7		6		

TC TLOGSTVB

Log Stock Table - MBF

Project: SWAMPCRK

T26S R01W S18 T001G

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
26S	01W	18	SWAMPCRK	001G	33.00	26	97

Date 4/23/2020
Time 9:40:50AM

Spp	S T	So Grade	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
GF	L	DO	3M 34	7		7	29.9							4	3				
GF	L	DO	4M 24	1		1	5.9					1							
GF	L	DO	4M 26	0		0	2.0		0										
GF	L	DO	4M 28	1		1	5.5		0				1						
GF		Totals		22		22	1.9		1			1	1	4	10		6		
Total All Species				1,190		1,190	100.0		171	78	196	180	194	128	178	44	12	9	

TC PSTATS

PROJECT STATISTICS

PROJECT SWAMPCR

DATE 4/23/2020

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
26S	01	18	SWAMPCRK	002B	17.00	19	100	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	19	100	5.3		
CRUISE	10	47	4.7	1,755	2.7
DBH COUNT					
REFOREST					
COUNT	9	53	5.9		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-L	32	51.8	19.6	105	24.4	107.9	19,142	19,142	4,292	4,292
DOUG FIR-T	12	49.4	14.7	94	15.2	58.4	8,464	8,464	2,019	2,019
WR CEDAR-L	2	1.6	24.4	80	1.1	5.3	463	463	162	162
INC CED-L	1	.5	36.0	107	0.6	3.5	566	566	128	128
TOTAL	*47*	*103.3*	*17.6*	*100*	*41.7*	*175.1*	*28,635*	*28,635*	*6,602*	*6,602*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR-L	85.1	15.0	544	640	737			
DOUG FIR-T	64.1	19.3	223	277	330			
WR CEDAR-L	10.1	9.5	254	280	306			
INC CED-L								
TOTAL	*90.9*	*13.3*	*471*	*543*	*614*	*330*	*83*	*37*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR-L	72.9	12.9	120	138	155			
DOUG FIR-T	61.2	18.4	54	66	78			
WR CEDAR-L	3.8	3.5	95	99	102			
INC CED-L								
TOTAL	*77.1*	*11.2*	*107*	*120*	*134*	*237*	*59*	*26*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-L	50.4	11.9	46	52	58			
DOUG FIR-T	111.6	26.3	36	49	62			
WR CEDAR-L	317.6	74.8	0	2	3			
INC CED-L	299.5	70.6	0	1	1			
TOTAL	*61.1*	*14.4*	*88*	*103*	*118*	*157*	*39*	*17*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-L	32.1	7.6	100	108	116			
DOUG FIR-T	110.0	25.9	43	58	74			
WR CEDAR-L	317.6	74.8	1	5	9			
INC CED-L	299.5	70.6	1	4	6			
TOTAL	*49.0*	*11.5*	*155*	*175*	*195*	*101*	*25*	*11*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR-L	31.9	7.5	17,704	19,142	20,579			
DOUG FIR-T	111.3	26.2	6,246	8,464	10,683			
WR CEDAR-L	317.6	74.8	117	463	809			
INC CED-L	299.5	70.6	166	566	965			

TC PSTATS

PROJECT STATISTICS

PROJECT SWAMPCR

DATE 4/23/2020

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
26S	01	18	SWAMPCRK	002B	17.00	19	100	S	W

CL 68.1	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.00	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
TOTAL	*45.9*	*10.8*	*25,539*	*28,635*	*31,730*	*89*	*22*	*10*

CL 68.1	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-L	31.9	7.5	3,970	4,292	4,614			
DOUG FIR-T	110.8	26.1	1,492	2,019	2,547			
WR CEDAR-L	317.6	74.8	41	162	284			
INC CED-L	299.5	70.6	38	128	219			
TOTAL	*46.9*	*11.1*	*5,872*	*6,602*	*7,332*	*93*	*23*	*10*

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: SWAMPCRK

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Date 4/23/2020
Time 10:01:35AM

T26S R01W S18 T002B

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
26S	01W	18	SWAMPCRK	002B	17.00	19	47	S	W

T26S R01W S18 T002B

Spp	St	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	L	DO	2M	30		5,760	5,760	98			14	86			100		34	19	544	3.07	10.6
DF	L	DO	3M	47		9,113	9,113	155		22	59	19			100		34	12	199	1.34	45.9
DF	L	DO	4M	23		4,269	4,269	73	34	47	13	6	5	42	42	11	28	7	51	0.48	83.5
DF	**L**	**Totals**		67		19,142	19,142	325	8	21	36	36	1	9	87	2	30	9	137	1.01	140.0
DF	T	DO	2M	13		1,177	1,177	20			49	51			100		34	16	364	2.18	3.2
DF	T	DO	3M	60		5,035	5,035	86		54	46				100		34	10	128	0.91	39.3
DF	T	DO	4M	27		2,253	2,253	38	50	50			13	19	66	3	21	6	29	0.35	78.3
DF	**T**	**Totals**		30		8,464	8,464	144	13	45	34	7	3	5	91	1	25	7	70	0.66	120.9
RC	L	DO	3M	79		366	366	6			100				100		34	13	223	2.40	1.6
RC	L	DO	4M	21		97	97	2	34	66			15	85			20	7	38	0.55	2.6
RC	**L**	**Totals**		2		463	463	8	7	14	79		3	18	79		26	9	110	1.51	4.2
IC	L	DO	3M	70		400	400	7				100			100		34	23	800	4.98	.5
IC	L	DO	4M	30		165	165	3	9		91			100			30	11	165	1.45	1.0
IC	**L**	**Totals**		2		566	566	10	3		27	71		29	71		31	15	377	2.73	1.5
Type Totals						28,635	28,635	487	9	28	36	28	2	9	88	2	28	8	107	0.89	266.6

Plot Tree List - Volumes

Project SWAMPCRK

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE
26S	01W	18	SWAMPCRK	002B	17.00	19	47	2/1/2020

Plot No.	Tree No.	Age	SI	Spp St	Trees Me.	Trees Ct.	DBH	16' FF	Tot Ht.	BA /Ac.	Trees /Ac.	Logs /Ac.	Net CuFt/Ac.	Net BdFt/Ac.	Total CUNITS	Total MBF
0201	0001	65	120	DF L	1		42.0	90	135	33.6	3.49	14.0	1,625	9,432	15	8
	0002	65	120	DF L	1		40.0	75	109	33.6	3.85	11.6	1,254	4,814	11	4
	0003	65	120	DF L	1		36.0	82	129	33.6	4.75	19.0	1,455	6,990	13	6
	0004	65	120	DF T	1		23.0	86	107	33.6	11.65	34.9	1,271	5,708	11	5
	0005	65	120	DF T	1		24.0	86	124	33.6	10.70	32.1	1,475	6,419	13	6
	0006	65	120	IC L	1		36.0	81	107	33.6	4.75	14.3	1,219	5,373	11	5
0201			120		6		30.7	84	117	201.7	39.20	125.9	8,300	38,736	74	35
0202	0002	65	120	DF L		1	19.0	84	105	33.6	16.12	43.6	1,337	5,962	12	5
0202			120			1	19.6	84	105	33.6	16.12	43.6	1,337	5,962	12	5
0203	0002	65	120	DF L	1		29.0	88	132	33.6	7.33	29.3	1,563	8,280	14	7
0203			120		1		29.0	88	132	33.6	7.33	29.3	1,563	8,280	14	7
0204	0001	65	120	DF L		4	19.0	84	105	134.4	64.48	174.4	5,348	23,848	48	21
	0002	65	120	DF T		3	14.0	82	94	100.8	85.27	208.8	3,488	14,620	31	13
	0003	65	120	IC T		1										
0204			120			8	17.0	83	99	235.3	149.75	383.2	8,836	38,469	79	34
0205	0001	65	120	DF L	1		31.0	90	126	33.6	6.41	25.6	1,552	8,400	14	8
	0002	65	120	DF L	1		20.0	83	109	33.6	15.41	46.2	1,259	5,084	11	5
	0003	65	120	DF L	1		18.4	83	114	33.6	18.20	54.6	1,238	4,732	11	4
	0004	65	120	DF T	1		11.2	80	90	33.6	49.13	98.3	992	3,930	9	4
	0005	65	120	DF L	1		19.1	83	105	33.6	16.89	50.7	1,182	4,392	11	4
	0006	65	120	DF T	1		17.3	83	95	33.6	20.59	61.8	1,082	4,118	10	4
0205			120		6		17.1	82	100	201.7	126.63	337.2	7,307	30,656	65	27
0206	0001	65	120	DF L		4	19.0	84	105	134.4	64.48	174.4	5,348	23,848	48	21
	0002	65	120	DF T		4	14.0	82	94	134.4	113.70	278.3	4,651	19,494	42	17
0206			120			8	16.6	83	98	268.9	178.17	452.8	9,998	43,342	89	39
0207	0001	65	120	DF L	1		22.0	81	110	33.6	12.73	38.2	1,248	4,965	11	4
	0002	65	120	DF L	1		24.0	83	113	33.6	10.70	32.1	1,314	5,563	12	5
	0003	65	120	DF T	1		10.7	80	87	33.6	53.82	107.6	945	3,768	8	3
	0004	65	120	DF L	1		17.3	86	114	33.6	20.59	61.8	1,334	5,353	12	5
	0005	65	120	DF T	1		19.4	83	107	33.6	16.37	49.1	1,230	4,912	11	4
	0006	65	120	DF L	1		23.6	84	119	33.6	11.06	33.2	1,333	5,753	12	5
	0007	65	120	DF T	1		21.1	86	103	33.6	13.84	41.5	1,241	4,983	11	4
	0008	65	120	DF T	1		21.3	87	110	33.6	13.58	40.7	1,355	6,112	12	5
	0009	65	120	DF T	1		14.4	86	103	33.6	29.72	89.2	1,190	5,349	11	5
0207			120		9		17.4	83	102	302.5	182.42	493.4	11,189	46,759	100	42
0208	0001	65	120	DF L		4	19.0	84	105	134.4	64.48	174.4	5,348	23,848	48	21
	0002	65	120	DF T		5	14.0	82	94	168.1	142.12	347.9	5,813	24,367	52	22
0208			120			9	16.4	83	97	302.5	206.60	522.4	11,161	48,216	100	43
0209	0001	65	120	DF L	1		24.0	81	115	33.6	10.70	32.1	1,333	5,563	12	5
	0002	65	120	RC L	1		26.0	78	60	33.6	9.12	18.2	875	2,370	8	2
	0003	65	120	DF L	1		25.6	83	111	33.6	9.40	28.2	1,304	5,360	12	5
	0004	65	120	RC L	1		23.0	71	96	33.6	11.65	34.9	1,179	3,495	11	3
	0005	65	120	DF T	1		17.4	82	102	33.6	20.35	61.1	1,156	4,478	10	4
0209			120		5		22.4	79	98	168.1	61.22	174.5	5,848	21,265	52	19
0210	0001	65	120	DF L		4	19.0	84	105	134.4	64.48	174.4	5,348	23,848	48	21
	0002	65	120	DF T		1	14.0	82	94	33.6	28.42	69.6	1,163	4,873	10	4
0210			120			5	18.2	83	102	168.1	92.90	244.0	6,510	28,722	58	26

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE
26S	01W	18	SWAMPCRK	002B	17.00	19	47	2/1/2020

Plot No.	Tree No.	Age	SI	Spp St	Trees Me.	Trees Ct.	DBH	16' FF	Tot Ht.	BA /Ac.	Trees /Ac.	Logs /Ac.	Net CuFt/Ac.	Net BdFt/Ac.	Total CUNITS	Total MBF
0211	0001	65	120	DF L	1		28.0	90	130	33.6	7.86	31.4	1,607	8,646	14	8
	0002	65	120	DF L	1		8.8	80	56	33.6	79.57	79.6	579	2,387	5	2
	0003	65	120	DF L	1		26.0	86	124	33.6	9.12	27.3	1,445	6,381	13	6
	0004	65	120	DF L	1		23.0	86	130	33.6	11.65	34.9	1,500	6,756	13	6
0211			120		4		15.1	82	75	134.4	108.20	173.3	5,132	24,171	46	22
0212	0001	65	120	DF L		2	19.0	84	105	67.2	32.24	87.2	2,674	11,924	24	11
	0002	65	120	IC L		1	35.0	81	107	33.6	4.75	14.3	1,219	5,373	11	5
0212			120			3	22.4	84	105	100.8	36.99	101.5	3,893	17,297	35	15
0213	0001	65	120	DF L	1		22.3	87	130	33.6	12.39	37.2	1,544	7,187	14	6
	0002	65	120	DF L	1		12.0	86	110	33.6	42.79	85.6	1,160	5,135	10	5
	0003	65	120	DF L	1		17.0	90	123	33.6	21.32	64.0	1,414	6,397	13	6
	0004	65	120	DF L	1		23.0	89	126	33.6	11.65	34.9	1,507	6,989	13	6
0213			120		4		16.7	88	118	134.4	88.16	221.7	5,625	25,709	50	23
0214	0001	65	120	RC L		1	24.0	74	80	33.6	10.38	26.6	1,027	2,932	9	3
	0002	65	120	DF L		3	19.0	84	105	100.8	48.36	130.8	4,011	17,886	36	16
	0003	65	120	DF T		5	14.0	82	94	168.1	142.12	347.9	5,813	24,367	52	22
0214			120			9	16.6	82	96	302.5	200.86	505.3	10,851	45,186	97	40
0215	0001	65	120	DF L	1		15.4	88	106	33.6	25.98	78.0	1,286	5,716	12	5
	0002	65	120	DF L	1		24.0	88	111	33.6	10.70	32.1	1,329	6,098	12	5
	0003	65	120	DF L	1		17.0	87	106	33.6	21.32	64.0	1,265	5,544	11	5
0215			120		3		17.9	88	107	100.8	58.00	174.0	3,880	17,358	35	16
0216	0001	65	120	DF L		3	19.0	84	105	100.8	48.36	130.8	4,011	17,886	36	16
0216			120			3	19.6	84	105	100.8	48.36	130.8	4,011	17,886	36	16
0217	0001	65	120	DF L	1		17.0	81	115	33.6	21.32	64.0	1,280	5,117	11	5
	0002	65	120	DF L	1		17.6	82	106	33.6	19.89	59.7	1,195	4,576	11	4
	0003	65	120	DF L	1		14.0	83	108	33.6	31.44	94.3	1,149	4,716	10	4
0217			120		3		16.0	82	110	100.8	72.66	218.0	3,623	14,409	32	13
0218	0001	65	120	DF L		4	19.0	84	105	134.4	64.48	174.4	5,348	23,848	48	21
	0002	65	120	DF T		3	14.0	82	94	100.8	85.27	208.8	3,488	14,620	31	13
0218			120			7	17.0	83	99	235.3	149.75	383.2	8,836	38,469	79	34
0219	0001	65	120	DF L	1		29.0	80	130	33.6	7.33	29.3	1,414	6,155	13	6
	0002	65	120	DF L	1		30.0	81	132	33.6	6.85	27.4	1,468	6,915	13	6
	0003	65	120	DF L	1		32.0	82	132	33.6	6.02	24.1	1,539	7,462	14	7
	0004	65	120	DF T	1		19.6	82	110	33.6	16.04	48.1	1,311	5,294	12	5
	0005	65	120	DF T	1		8.5	80	81	33.6	85.29	170.6	704	3,412	6	3
	0006	65	120	DF L	1		19.0	83	98	33.6	17.07	51.2	1,105	3,926	10	4
0219			120		6		16.3	81	94	201.7	138.59	350.7	7,541	33,164	67	30
TYPE			120		47	53	17.6		99	175.1	103.26	266.6	6,602	28,635	1,122	487

TC TLOGSTVB

Log Stock Table - MBF

Project: SWAMPCRK

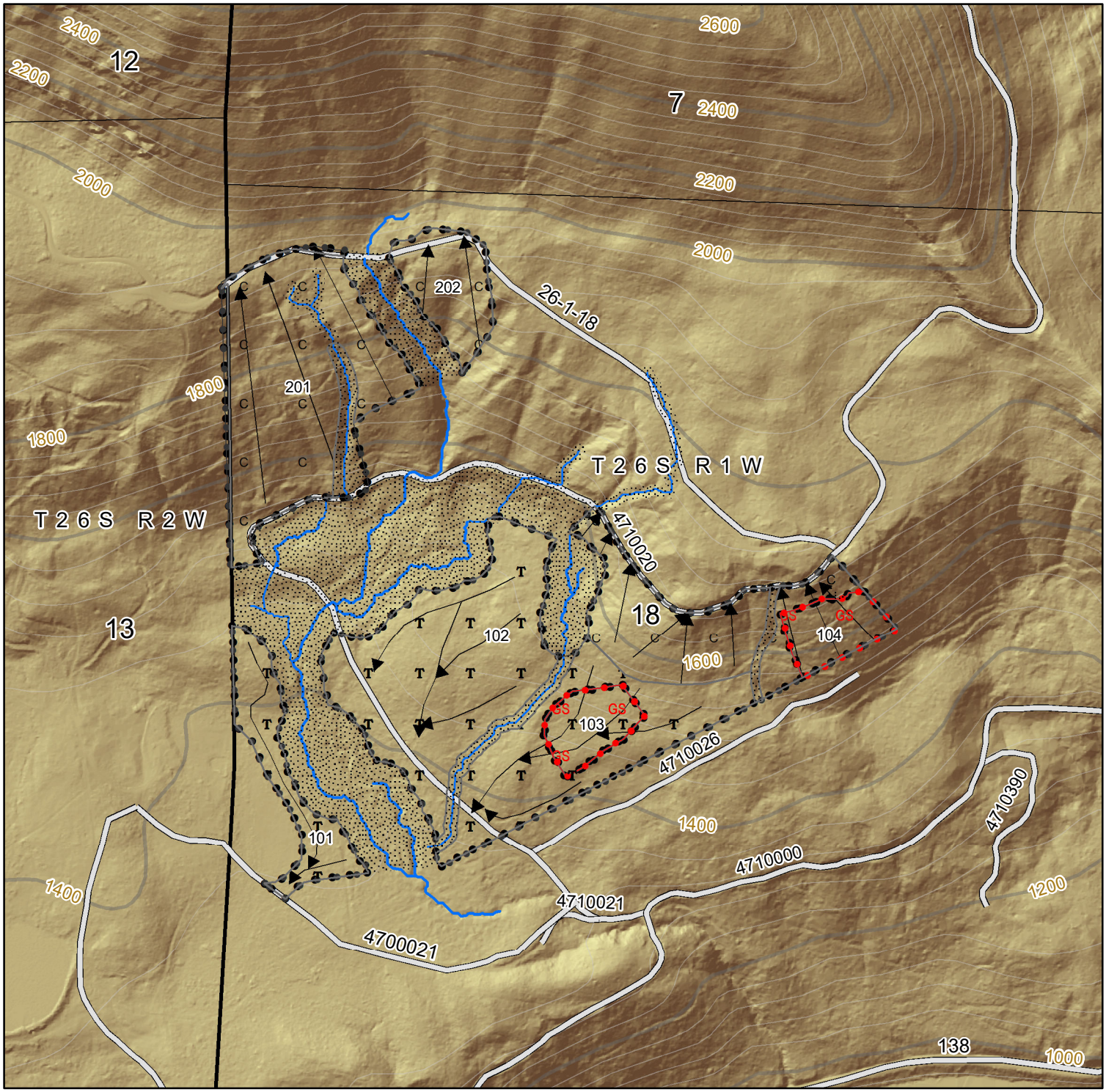
T26S R01W S18 T002B

T26S R01W S18 T002B

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
26S	01W	18	SWAMPCRK	002B	17.00	19	47

Page 1
Date 4/23/2020
Time 10:02:10AM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF	L	DO	2M	34	98		98	20.9								42	40	7	9	
DF	L	DO	3M	34	155		155	33.0				14	20	53	12	46		11		
DF	L	DO	4M	10																
DF	L	DO	4M	15	1		1	.1		1										
DF	L	DO	4M	16	1		1	.1		1										
DF	L	DO	4M	20	2		2	.5		1				1						
DF	L	DO	4M	21	1		1	.2					1							
DF	L	DO	4M	22	7		7	1.5		2			2	2						
DF	L	DO	4M	23	3		3	.6				2		1						
DF	L	DO	4M	24	5		5	1.0		3		2								
DF	L	DO	4M	26	3		3	.7		2						2				
DF	L	DO	4M	27	1		1	.1		1										
DF	L	DO	4M	28	0		0	.0		0										
DF	L	DO	4M	29	1		1	.2		1										
DF	L	DO	4M	30	10		10	2.1		5				5						
DF	L	DO	4M	31	2		2	.5								2				
DF	L	DO	4M	32	1		1	.3		1										
DF	L	DO	4M	34	27		27	5.7			6	12	8							
DF	L	DO	4M	38	1		1	.3		1										
DF	L	DO	4M	41	7		7	1.4		7										
DF	T	DO	2M	34	20		20	4.3								20				
DF	T	DO	3M	34	86		86	18.2			14	4	28	21	18					
DF	T	DO	4M																	
DF	T	DO	4M	8																
DF	T	DO	4M	17	1		1	.1		1										
DF	T	DO	4M	18	3		3	.7		3										
DF	T	DO	4M	20	1		1	.2		1										
DF	T	DO	4M	22	5		5	1.2		3		3								
DF	T	DO	4M	23	2		2	.4		2										
DF	T	DO	4M	34	25		25	5.4		8	6	6	4							
DF	T	DO	4M	38	1		1	.2		1										
DF			Totals		469		469	96.4		44	27	43	64	84	30	112	40	18	9	
RC	L	DO	3M	34	6		6	79.0						3	3					
RC	L	DO	4M	17	0		0	3.1		0										
RC	L	DO	4M	21	1		1	13.9					1							
RC	L	DO	4M	22	0		0	4.0		0										
RC			Totals		8		8	1.6		1			1	3	3					
IC	L	DO	3M	34	7		7	70.8									7			
IC	L	DO	4M	30	3		3	29.2		0						3				
IC			Totals		10		10	2.0		0						3	7			
Total All Species					487		487	100.0		45	27	43	65	87	33	115	47	18	9	



Category

Stream Buffer

Logging Category

Cable

GS - Gap or Group Selection

T- Tractor or Ground-Based

The information shown on Exhibit "A" map(s) are approximate locations. Exact locations of features represented by map symbols will be determined on site and shall depend upon the conditions that exist on site. Activities shall be conducted based upon features determined on site rather than features shown on maps.

LOGGING PLAN MAP
Sale No. SW-341-2021-GF7120-07
SWAMP CREEK GNA - Timber Sale
AREA 1 and 2

Section 18
T26S, R1W, W.M.
Douglas County, Oregon
Regulated Use Area UA-1
Landowner: United States Forest Service

Sale Area	Operational Acres
101	3.7
102	29.3
103 - Gap	2.0
104 - Gap	2.0
201	14.1
202	3.3
TOTAL	**54.4**

0 500 1,000
Feet

N