

PART IV: OTHER INFORMATION

State Timber Sale Contract
No. 341-10-62
Long Cougar

NOTICE OF TRANSFER OF STATE TIMBER

Instructions

629:-Form-301-010

Complete Section 1. Mark the box which applies to you/your company in Section 2. Complete Section 3 and obtain signatures.

SECTION 1

On _____, state timber sale purchaser (Transferor)
_____, sold, exchanged or otherwise transferred to
_____, (Transferee) state timber originating from State
Timber Sale Contract No. _____.

Transferee hereby certifies that they:

- (a) Will not export the unprocessed state timber which is the subject of this transaction;
- (b) Will not sell, transfer, exchange or otherwise convey the unprocessed timber which is the subject of this transaction to any other person without first obtaining a like certification from that person.
- (c) Are not prohibited by OAR's 629-31-005 through 045 from purchasing state timber or logs directly from the State Forester, or this is a sale of Western Red Cedar for domestic processing.

SECTION 2

- Have not exported unprocessed timber originating from private lands in Oregon in the last 24 months.
- This is a sale of hardwood logs for domestic processing.
- This is a sale of Western Red Cedar for domestic processing.
- This is a sale of pulp logs or cull logs processed at domestic pulp mills, domestic chip plants or other domestic operations for the purpose of conversion of the logs into chips.

SECTION 3

The parties understand that falsely entering into this certification, or failure to comply with the terms of this certification is a violation of the Forest Conservation and Shortage Relief Act of 1990 and OAR Chapter 629, Division 31, and is subject to any and all penalties contained therein.

Transferor:

Transferee:

Signed _____

Signed _____

Title _____

Title _____

Dated _____

Dated _____

[Note: For the purpose of this form, the definition of unprocessed timber is the same as in OAR 629-31-005]

Mail To: State Forester
2600 State Street
Salem, OR 97310

WRITTEN PLAN

SALE NAME: Long Cougar

SALE NUMBER: 341-10-62

LOCATION: Portions of Sections 4 & 9, T23S, R10W, W.M., Coos County, Oregon.

LANDOWNER: Oregon Department of Forestry, 63612 Fifth Road, Coos Bay, Oregon.

CONTRACT PURCHASER:

NOTIFICATION NO.:

SITUATION AND PROTECTED RESOURCE

The protected resource is a Type F tributary to Cougar Creek.

LAYOUT

Landings have been provided to enable best possible deflection for suspension of logs while yarding the sale area.

STREAM BUFFER

A minimum 100 foot horizontal distance, no harvest buffer has been posted on the ground.

FELLING AND BUCKING

1. Trees shall be directionally felled parallel to or away from stream riparian management areas (RMA's) as feasible.
2. High stumps shall be left as needed to minimize accumulation of logs in stream channels.

YARDING

1. Operator will use a machine and logging system capable of fully suspending logs through the Type F buffer.
2. Operator will fully suspend logs when sufficient deflection is available.

FISH LOG PLACEMENT

1. Trees for stream structure enhancement shall be selected from within the posted timber sale area.
2. Logs selected for stream placement must meet the minimum log specifications (Exhibit "P").
3. Yard logs to the stream placement sites using full suspension.

OPERATIONS PLAN

Purchaser shall attach a yarding plan indicating landing locations, machinery and procedures to be used to obtain adequate suspension in the sale area and to minimize impacts during the felling process.

PREPARED BY: Nick Morris
State Lands Forester
January 6, 2010

PURCHASER REPRESENTATIVE

DATE: _____

OPERATOR REPRESENTATIVE (if listed on notification)

DATE: _____



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Long Cougar
Sale 341-10-62

District: Coos

Date: April 19, 2010

cost summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$2,374,888.97	\$15,731.94	\$2,390,620.91
		Project Work:	\$(91,175.00)
		Advertised Value:	\$2,299,445.91



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
 Long Cougar
 Sale 341-10-62

District: Coos

Date: April 19, 2010

timber description

Location: Portions of Sections 4 & 9, T23S, R10W, W.M., Coos County, Oregon.

Stand Stocking: 80%

SpecieName	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	26	0	95
Western Hemlock / Fir	22	0	90
Alder (Red)	18	0	100

Volume by Grade	10" - 11"	12"+	2S	3P	3S	3S 12"+	4S	5" - 7"	SM	Total
Douglas - Fir	0	0	5,549	225	825	75	75	0	750	7,499
Western Hemlock / Fir	0	0	15	0	6	0	2	0	0	23
Alder (Red)	17	26	0	0	0	0	0	6	0	49
Total	17	26	5,564	225	831	75	77	6	750	7,571



Timber Sale Appraisal
Long Cougar
Sale 341-10-62

"STEWARDSHIP IN FORESTRY"

District: Coos

Date: April 19, 2010

comments: Pond Values Used: 1st Quarter Calendar Year 2010 + Local Pond Values.

Regeneration harvest of approximately 133 acres of 98 to 128 year old predominately Douglas-fir sawtimber and a small component of Red alder and Western hemlock.

Western redcedar and Other Cedars Stumpage Price = Pond Value
minus Logging Cost
 $\$525.54/\text{MBF} = \$700/\text{MBF} - \$174.46/\text{MBF}$

Utility Douglas-fir = $\$90/\text{MBF}$

SCALING COST ALLOWANCE = $\$5.00/\text{MBF}$

FUEL COST ALLOWANCE = $\$3.00/\text{Gallon}$

HAULING COST ALLOWANCE
Hauling costs equivalent to $\$700$ daily truck cost.

Other Costs (with Profit & Risk to be added):

FELLING:

Directional Felling/Tree Jacking: $\$2$ each x 40 trees = $\$80$

YARDING AND LOADING:

Brand and Paint Logs: $\$1/\text{MBF} \times 7,571 \text{ MBF} = \$7,571$

Cull Sorting/Slash Piling on Landings: $\$125/\text{landing} \times 7 \text{ landings} = \875

Artificial Guy Anchors (dozer, skidder): $\$500/\text{anchor} \times 2 \text{ anchors} = \$1,000$

SNAG CREATION:

Tree Topping: $\$100/\text{tree} \times 133 \text{ trees} = \$13,300$

Tree Girdling: $\$50/\text{tree} \times 53 \text{ trees} = \$2,650$

MISCELLANEOUS COSTS:

Fish Log Placement in Stream: $\$505$ per crossing x 6 crossings = $\$3,030$

Additional Fire Equipment: $\$2,000$ per season x 1 season = $\$2,000$

TOTAL Other Costs (with Profit & Risk to be added) = $\$30,506$

Other Costs (No Profit & Risk to be added):

None.



Timber Sale Appraisal
Long Cougar
Sale 341-10-62

"STEWARDSHIP IN FORESTRY"

District: Coos

Date: April 19, 2010

logging conditions

combination#: 1 Douglas - Fir 100.00%
 Western Hemlock / Fir 100.00%
 Alder (Red) 100.00%

yarding distance: Long (1,500 ft) **downhill yarding:** No

logging system: Cable: Large Tower >=70 **Process:** Manual Falling/Delimiting

tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 12.0 **bd. ft / load:** 5,000

cost / mbf: \$61.56

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



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
 Long Cougar
 Sale 341-10-62

District: Coos

Date: April 19, 2010

logging costs

Operating Seasons:	2.00	Profit Risk:	15.00%
Project Costs:	\$91,175.00	Other Costs (P/R):	\$30,506.00
Slash Disposal:	\$0.00	Other Costs:	\$0.00

Miles of Road

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
1.0	3.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	2.0	5.0
Western Hemlock / Fir	\$0.00	2.0	4.5
Alder (Red)	\$0.00	2.0	3.5



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Long Cougar
Sale 341-10-62

District: Coos

Date: April 19, 2010

Local Pond Values

Date	Specie	Grade	Value
4/19/10	Douglas - Fir	3P	\$645.00
4/19/10	Douglas - Fir	SM	\$550.00
4/19/10	Douglas - Fir	2S	\$470.00
4/19/10	Douglas - Fir	3S	\$425.00
4/19/10	Douglas - Fir	3S 12"+	\$270.00
4/19/10	Douglas - Fir	4S	\$415.00
4/19/10	Western Hemlock / Fir	2S	\$385.00
4/19/10	Western Hemlock / Fir	3S	\$360.00
4/19/10	Western Hemlock / Fir	4S	\$350.00
4/19/10	Alder (Red)	5" - 7"	\$275.00
4/19/10	Alder (Red)	8" - 9"	\$365.00
4/19/10	Alder (Red)	10" - 11"	\$485.00
4/19/10	Alder (Red)	12"+	\$575.00



Timber Sale Appraisal
 Long Cougar
 Sale 341-10-62

"STEWARDSHIP IN FORESTRY"

District: Coos

Date: April 19, 2010

logging costs breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling	Other	Total
Douglas - Fir									
\$61.56	\$3.84	\$1.16	\$63.91	\$4.03	\$20.18	\$0.00	\$5.00	\$0.00	\$159.68
Western Hemlock / Fir									
\$61.56	\$4.03	\$1.16	\$74.39	\$4.03	\$21.78	\$0.00	\$5.00	\$0.00	\$171.95
Alder (Red)									
\$61.56	\$3.66	\$1.16	\$86.96	\$4.03	\$23.61	\$0.00	\$5.00	\$0.00	\$185.98

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$475.75	\$316.07	\$0.00
Western Hemlock / Fir	\$0.00	\$375.43	\$203.48	\$0.00
Alder (Red)	\$0.00	\$507.04	\$321.06	\$0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Long Cougar
Sale 341-10-62

District: Coos

Date: April 19, 2010

summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00
Alder (Red)	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	7,499	\$316.07	\$2,370,208.93
Western Hemlock / Fir	23	\$203.48	\$4,680.04
Alder (Red)	49	\$321.06	\$15,731.94

Gross Timber Sale Value

Recovery: \$2,390,620.91

Prepared by: Nick Morris

Phone: 541-267-1756

Summary of "Other Costs" for Timber Sale Appraisals

Sale Name: Long Cougar

Additional "Other Cost" with additional profit and risk to be added:

	<u>Units</u>	<u>Quantity</u>	<u>Cost/unit</u>	<u>Total Cost</u>
Felling				
Locate Corridors and Skid Roads	MBF	0	\$ 5.00	\$ -
Small Tree Volume Cost addition	MBF	0	\$ 10.00	\$ -
Directional Felling/Tree Jacking	MBF	40	\$ 2.00	\$ 80.00
Felling of unmerch material	MBF	0	\$ 1.00	\$ -
Yarding and Loading				
Brand and paint logs	MBF	7571	\$ 1.00	\$ 7,571.00
Cull sorting/slash piling on landings	landing	7	\$ 125.00	\$ 875.00
Rig lift trees	lift tree	0	\$ 100.00	\$ -
Artificial guy anchors(dozer, skidder)	anchor	2	\$ 500.00	\$ 1,000.00
Log Processing at landing	MBF	0	\$ 10.00	\$ -
Skid Road Layout	MBF	0	\$ 5.00	\$ -
Miscellaneous Costs				
Fish Log Placement in Stream	Crossings	6	\$ 505.00	\$ 3,030.00
Additional fire equipment	Seasons	1	\$ 2,000.00	\$ 2,000.00
Maintenance rock per section 54	Cubic Yards	0	\$ 18.00	\$ -
Safety Flagging and/or signing	per day	0	\$ 110.00	\$ -
Tree topping	per tree	133	\$ 100.00	\$ 13,300.00
Tree Girdling	per tree	53	\$ 50.00	\$ 2,650.00
Fish Log Stock Pile: Yarding & Decking	MBF	0	\$ 62.00	\$ -
Fish Log Stock Pile: Special Handling	MBF	0	\$ 8.00	\$ -

Total additional "Other Cost" with additional profit and risk to be added

\$ 30,506.00

Additional "Other Cost" with no additional profit and Risk

	<u>Units</u>	<u>Quantity</u>	<u>Cost/unit</u>	<u>Total Cost</u>
Non-required road construction	Stations	N/A		
Non-required road rocking	Cubic Yards	N/A		
Stream clearance	Feet	N/A		
Scaling (high piece count)	MBF	N/A	\$ 2.00	
Grass Seeding and Fertilizing	Ac	N/A		

Total additional "Other Cost" with no additional profit and Risk

\$ 30,506.00

TIMBER SALE SUMMARY

Long Cougar

1. **Type of sale:** Final harvest; Recovery, Sealed Bid.
2. **Boundary Lines:** This timber sale is comprised of two sale areas. Sale boundaries are marked on the ground with "Timber Sale Boundary" posters, red paint, and red flagging at locations shown on the Exhibit A.
3. **Revenue Distribution:** 100% CSL.
4. **Sale Acreage:** The total sale area is 133 net acres. Buffer areas are posted outside the sale area and are not included in the net acreage calculation. The acreage was determined by electronic digitizing using 2005 digital orthophotography, 2008 Lidar and ArcMap 9.3 GIS software program.
5. **Volume by Species, Fund, and County:** See attached table.
6. **Grade by Percent:** (All areas)

Species	3 Peeler	Special Mill	2 Saw (12"+)	3 Saw (11"-10")	3 Saw Large Diameter	4 Saw/Camp (9"-6")	Utility
Douglas-fir	3%	10%	74%	10%	1%	1%	1%
Red Alder*	-----	-----	53%	35%	-----	12%	----
Western Hemlock	-----	-----	66%	25%	----	9%	----

* Red alder is represented by size class rather than grade.

7. **Cruise:** This timber sale was broken into two strata due to the varying nature of the timber within the sale area. Stratum one is dominated by rock cliffs and ledges and has shallow poor quality soil, therefore the trees in this stratum are of lesser quality and volume. Stratum two is dominated by timber that is much more representative of the site class and age of similar stands within the Elliott State Forest.

Both Stratum were variable plot cruised using the Big BAF cruise design. Each plot consisted of both a full 40 BAF count plot and a full 360 BAF measure plot. The 40 BAF count plot was used to tally the number of trees by species to determine the stand basal area. The 360 BAF plot was then used to select Douglas-fir to cruise as measure trees.

Stratum one is approximately 39 acres and has 22 nested plots and 16 measure trees that were cruised for diameter, total height, grade and defect. Stratum two is approximately 94 acres and has 57 nested plots and 43 measure trees were cruised for diameter, total height, grade and defect. Both cruise designs were analyzed using the SuperACE cruising program.

A. Cruise Summary Data:

Diameter	Top Diameter	Form Point	Form Factor	CV%	SE%
D4H	Total Height	Conifer: 16' Hardwood: 16'	Estimated or measured on all trees	43.7	6.2

B. Stand Summary:

Species	D4H	Trees per Acre	Basal Area (ft ² /ac)	BF per acre
Douglas-fir	29 (23)*	57 (92)*	280 (271)*	56,400
Red Alder	18	3	6	400
Western Hemlock	22	1	3	200

* Numbers in parenthesis represent values from the Poor Site Strata.

C. Green Tree Retention Summary: Green trees were posted both inside and outside of the timber sale areas. There are scattered and grouped GTR throughout the timber sale area.

8. **Timber Description:** The timber is comprised of 98 to 128 year-old Douglas-fir with a minor component of red alder and scattered understory hemlock. Conifers range from 80 to 210 feet tall while hardwoods are about 40 to 60 feet.

9. **Topography:** The sale area ranges from 10 percent to over 90 percent slope. Area 1 is dominated by gentle slopes and benches along the eastern boundary. Area 1 also has a thin band of cliffs and ledges that runs generally in a north south direction through the center of the sale area. The remainder of areas one and two are dominated by steep slopes and drainages.

10. **Logging Method:** The sale will be cable logged mostly uphill with single-end suspension over the units; full suspension will be required over designated streams and RMAs. A motorized carriage will be required to obtain the necessary suspension. Tailtrees may need to be placed for yarding the sale area as approved in the operations plan. There may be some opportunity for ground based operations as well.

11. **Access:**

Area 1 - From Coos Bay take Highway 101 North To Reedsport. Take Highway 38 East to Loon Lake County Road, (DCR 3) approximately 14 miles. On DCR 3 proceed for approximately 5 miles to forest road 7700. Take the 7700 to the 7000 junction. From here go right on the 7000 road to the 7600, then proceed for approximately 1 mile to area one.

Area 2 - From Coos Bay take Highway 101 North To Reedsport. Take HW 38 East to Loon Lake County Road, (DCR 3) approximately 14 miles. On DCR 3 proceed for approximately 5 miles to forest road 7700. Take the 7700 to the 7000 junction. Turn left on the 7000 and proceed approximately 1.6 miles. The sale area will be on the right hand side of the road at the 7000/7630 junction.

12. **Projects:**

Project No. 1: Road and Landing Construction

Project No. 2: Road and Landing Improvement

Project No. 3: Post Harvest Clean Up

Project No. 4: Road Rocking

Project No. 5: Rock Stockpile

SUMMARY OF CONSTRUCTION COST
Long Cougar

Project 1A: Road and Landing Construction

Points: A to B Length: 400' Type: 14' no ditch

Excavator	10	hrs at	\$125.00	per hour	\$1,250.00
Cat time	10	hrs at	\$120.00	per hour	\$1,200.00
Grader	1	hrs at	\$75.00	per hour	\$75.00
Laborer	10	hrs at	\$35.00	per hour	\$350.00

Total Project 1A: \$2,875.00

Project 1B: Road and Landing Construction

Point: B to C Length: 1050' Type: 14' no ditch

Excavator	20	hrs at	\$125.00	per hour	\$2,500.00
Cat time	20	hrs at	\$120.00	per hour	\$2,400.00
Grader	2	hrs at	\$75.00	per hour	\$150.00
Laborer	20	hrs at	\$35.00	per hour	\$700.00

Total Project 1B: \$5,750.00

Project 1C: Road and Landing Construction

Point: D to E Length: 2175' Type: 14' no ditch

(includes construction of landing at Point F)

Excavator	60	hrs at	\$125.00	per hour	\$7,500.00
Drill & Shoot	20	hrs at	\$250.00	per hour	\$5,000.00
Dump Truck (Haul to Point G - 0.7 mi RT) (Endhaul 1080 yds - STA 0+00 to 3+20)	20	hrs at	\$95.00	per hour	\$1,900.00
Dump Truck (Haul to fill areas along road) (from endhaul between STA 6+00-8+50 & 11+30-12+75)	15	hrs at	\$95.00	per hour	\$1,425.00
Cat time (includes time for waste area at Point G)	60	hrs at	\$120.00	per hour	\$7,200.00
Grader	3	hrs at	\$75.00	per hour	\$225.00
Laborer	60	hrs at	\$35.00	per hour	\$2,100.00

Total Project 1C: \$25,350.00

Project 1D: Road and Landing Construction

Point: H to I Length: 450' Type: 14' no ditch

Excavator	10	hrs at	\$125.00	per hour	\$1,250.00
Cat time	10	hrs at	\$120.00	per hour	\$1,200.00
Grader	1	hrs at	\$75.00	per hour	\$75.00
Laborer	10	hrs at	\$35.00	per hour	\$350.00

Total Project 1D: \$2,875.00

Project 1E: Landing Construction

Point: J Length: n/a Type: n/a

Excavator	5	hrs at	\$125.00	per hour	\$625.00
Cat time	5	hrs at	\$120.00	per hour	\$600.00
Laborer	5	hrs at	\$35.00	per hour	\$175.00

Total Project 1E: \$1,400.00

SUMMARY OF CONSTRUCTION COST
Long Cougar

Move-in

Equipment	Miles	hrs/RT	Lowboy Rate/hr	Total
Excavator	35	5	\$95.00	\$475.00
Cat	35	5	\$95.00	\$475.00
Dril & Comp	35	5	\$95.00	\$475.00
Grader	35	4	\$95.00	\$380.00
Dump Truck	35	4	\$95.00	\$380.00

Move-between units

Low-boy to move equipment between areas 8 hrs at \$95.00 per hour \$760.00

Total Move-in: \$2,945.00

Project 1 Total \$41,195.00

Project 2A: Road and Landing Improvement

Points: K to L Length: 450' Type: 14' no ditch

Excavator	30	hrs at	\$125.00	per hour	\$3,750.00
Drill & Shoot	5	hrs at	\$250.00	per hour	\$1,250.00
Dump Truck - Haul to Point M (1.3 mi RT) (approx 1450 yds to haul)	30	hrs at	\$95.00	per hour	\$2,850.00
Cat time (includes waste area at Point M)	20	hrs at	\$120.00	per hour	\$2,400.00
Grader time	1	hrs at	\$75.00	per hour	\$75.00
Laborer	30	hrs at	\$35.00	per hour	\$1,050.00

Total Project 2A: \$11,375.00

Project 2B: Road and Landing Improvement

Points: N to O Length: 230' Type: 14' no ditch

Excavator	10	hrs at	\$125.00	per hour	\$1,250.00
Cat time	10	hrs at	\$120.00	per hour	\$1,200.00
Grader time	1	hrs at	\$75.00	per hour	\$75.00
Laborer	10	hrs at	\$35.00	per hour	\$350.00

Total Project 2B: \$2,875.00

Project 2C: Road Improvement

Points: P to M Length: 3600' Type: 14' w/ditch

Excavator - clean culvert inlets and ditches	3	hrs at	\$125.00	per hour	\$375.00
Dump Truck - Haul material to Point M	3	hrs at	\$95.00	per hour	\$285.00
Grader - pull ditch, smooth road surface	3	hrs at	\$75.00	per hour	\$225.00

Total Project 2C: \$885.00

Project 2 Total \$15,135.00

SUMMARY OF CONSTRUCTION COST

Long Cougar

Project 3: Post-Sale Road Clean-up (Area 2)

Points: P to Q Length: 2525' Type: 14' w/ditch

(7630 road through unit)

Excavator - load debris, clean culvert inlets	5	hrs at	\$125.00	per hour	\$625.00
Dump Truck - Haul debris to Point M	5	hrs at	\$95.00	per hour	\$475.00
Grader - clean ditch	4	hrs at	\$75.00	per hour	\$300.00

Move-in

Equipment	Miles	hrs/RT	Lowboy Rate/hr	Total
Excavator	35	5	\$95.00	\$475.00
Grader	35	4	\$95.00	\$380.00
Dump Truck	35	4	\$95.00	\$380.00

Total Move-in: \$1,235.00

Project 3 Total \$2,635.00

Project 4: Road Surfacing

Points: 7650 & 7600 Roads

1 1/2" rock for maintenance on roads for after construction in Area 1 (3.2 hr RT)	72	yds at	\$26.46	per yd	\$1,905.12
1 1/2" rock for maintenance on roads for after logging in Area 1 (3.2 hr RT)	36	yds at	\$26.46	per yd	\$952.56

Project 4 Total \$2,858.00

Project 5: Rock Stockpile

Location: Eleven Ridge (8.5 mi on 1000 Rd)
Measured amount: 1200 cu yds
Size: 1 1/2" - 0"

Cost per cu yd at crusher:	\$12.24	per yd
Haul cost per cu yd (2.3 hr RT):	\$10.22	per yd
Piling and shaping cost per cu yd:	\$2.00	per yd
Total cost per cu yd:	\$24.46	per yd
Total cu yds:	1200	yards

Total Cost for Stockpile rock: \$29,352.00

Project 5 Total \$29,352.00

Total Project Costs \$91,175.00

Timber Sale Viability Analysis

District	<input type="text" value="Coos"/>		AOP FY	<input type="text" value="2010"/>
Sale Name:	<input type="text" value="Long Cougar"/>	<i>Assumed Single Species</i>		
		<i>MBF/Ac.</i>		<i>Stumpage/MBF</i>
CC Acres:	<input type="text" value="133"/>	MBF <input type="text" value="7,571"/>	<input type="text" value="56"/>	\$ <input type="text" value="1,892,750"/>
				\$ <input type="text" value="250.00"/>
PC Acres:	<input type="text" value="0"/>	MBF <input type="text" value="0"/>	<input type="text" value="0"/>	\$ <input type="text" value="-"/>
				\$ <input type="text" value="-"/>
Totals	<input type="text" value="133"/>	<input type="text" value="7,571"/>	<i>Gross Sale Value</i>	\$ <input type="text" value="1,892,750"/>
Tier 0 - minus Project Costs		(minus)	\$ <input type="text" value="91,175"/>	<input type="text" value="5%"/>
		<i>Net Advertised Value</i>	\$ <input type="text" value="1,801,575"/>	<i>Project Work Amortized</i>

Fill in shaded fields.

SALE INVESTMENT COSTS

ODF 1/3 Value (36%)		\$ <input type="text" value="648,567"/>	\$ <input type="text" value="648,567"/>
		COSTS	Running Balance
Tier 1 - Planning Costs	<i>FIXED COSTS - NOT PART OF CURRENT ANALYSIS</i>	\$ <input type="text" value="-"/>	\$ <input type="text" value="648,567"/>
Tier 2 - T&E Survey Costs		<i>No. Yrs.</i>	
NSO: \$16/acre/year X Ac X Yrs		<input type="text" value="0"/>	\$ <input type="text" value="648,567"/>
Mamu: \$20/acre/year X Ac X Yrs		<input type="text" value="2"/>	\$ <input type="text" value="643,247"/>
Tier 3 - T.S. Layout Costs			
6,000 MBF X \$6.00/MBF or	\$ 45,426	\$ <input type="text" value="41,580"/>	\$ <input type="text" value="601,667"/>
\$120/acre X # acres, whichever is greater	\$ 15,960		
Tier 4 - Contract Admin Costs	<i>No. of Years</i>	<input type="text" value="2"/>	\$ <input type="text" value="591,267"/>
\$5,200/year x # yrs contract			
Tier 5 - Reforestation Costs (FTG)			
CC Ac X <input type="text" value="475.00"/> per acre		\$ <input type="text" value="63,175"/>	\$ <input type="text" value="528,092"/>
TOTALS FOR DISTRICT		COSTS	NET BALANCE
		\$ <input type="text" value="120,475"/>	\$ <input type="text" value="528,092"/>

FOR FUTURE DIVISIONAL ANALYSIS

Tier 6 - Administration Costs	<input type="text"/>	<input type="text"/>
Tier 7 - Recreation Costs	<input type="text"/>	<input type="text"/>
<i>(Apply only is rec. project associated with T.S.)</i>		
Tier 8 - Salem Operations Costs	<input type="text"/>	<input type="text"/>
TOTALS FOR SF DIVISION	<input type="text"/>	<input type="text"/>

TOTAL SALE TIMBER SALE COSTS	\$ 120,475
	\$ 905.83 per acre
	\$ 15.91 per MBF

Timber Sale Viability Analysis

District Coos

AOP FY 2010

Sale Name: Long Cougar

Min Stumpage
to Cover ODF Costs

ODF Cost per MBF	ODF Balance	Total Sale Stumpage
---------------------	----------------	------------------------

ODF's 36% share
of Project Work \$ 32,823

Projects \$ 4.34 \$ 4.34 \$ 12.04

Planning \$ - \$ 4.34 \$ 12.04

T&E \$ - \$ 4.34 \$ 12.04

T&E \$ 0.70 \$ 5.04 \$ 14.00

Layout \$ 5.49 \$ 10.53 \$ 29.25

Admin \$ 1.37 \$ 11.90 \$ 33.07

Refo \$ 8.34 \$ 20.25 \$ 56.25

\$ 20.25

\$ 56.25 Minimum Stumpage Price

NET VOLUMES AND ACREAGE

Long Cougar

SALE AREA & SPECIES		Tree cnt. 100% Units	NET VOLUMES (MBF)							Vol. per Acre
			By County and Fund						Total Vols.	
Areas	Spec	Coos			Douglas					
		CSL	BOF	Total	CSL	BOF	Total			
1-2	D-fir	7499		7499	0	0	0	7499	56	
	Hem	23		23	0	0	0	23	0	
	Hdwd	49		49	0	0	0	49	0	
TOTALS		7571	0	7571	0	0	0	7571		

TOTAL SALE VOLUME BY SPECIES

Douglas-fir	7499	MBF
Hemlock	23	MBF
Hdwd	49	MBF

Report by: N. Morris

Date: 02/12/2010

Unit For. *[Signature]* 2/12/10

Asst. Dist. For. *[Signature]* 2010.3.2

Date
Date

NO INGROWTH INCLUDED.

NET HARVEST ACREAGE BY COUNTY (to nearest acre)

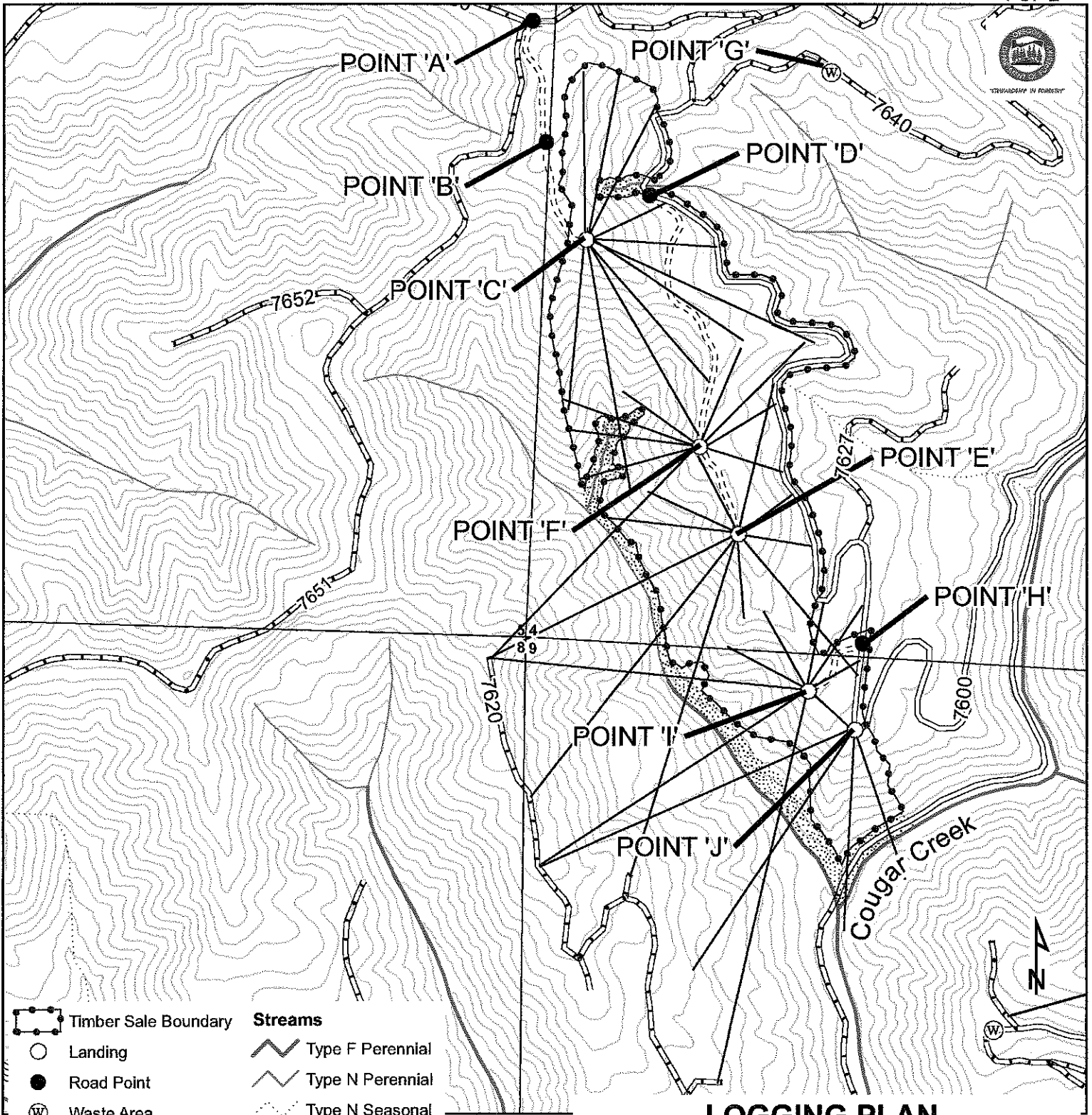
Sale Area	Coos County						Douglas County						TOTAL ACRES
	CSL			BOF			CSL			BOF			
	Conifer cc	Conifer pc	Hard wood	Conifer cc	Conifer pc	Hard woods	Conifer cc	Conifer pc	Hard woods	Conifer cc	Conifer pc	Hard woods	
1	80												80
2	53												53
SUM	133	0	0	0	0	0	0	0	0	0	0	0	133

cc- clearcut

pc- partial cut

FDF- Forest Development Fund

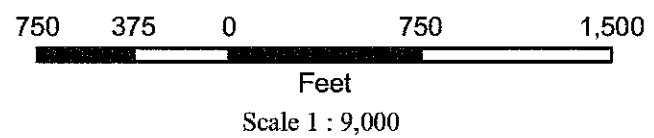
FRA- Forest Revenue Account

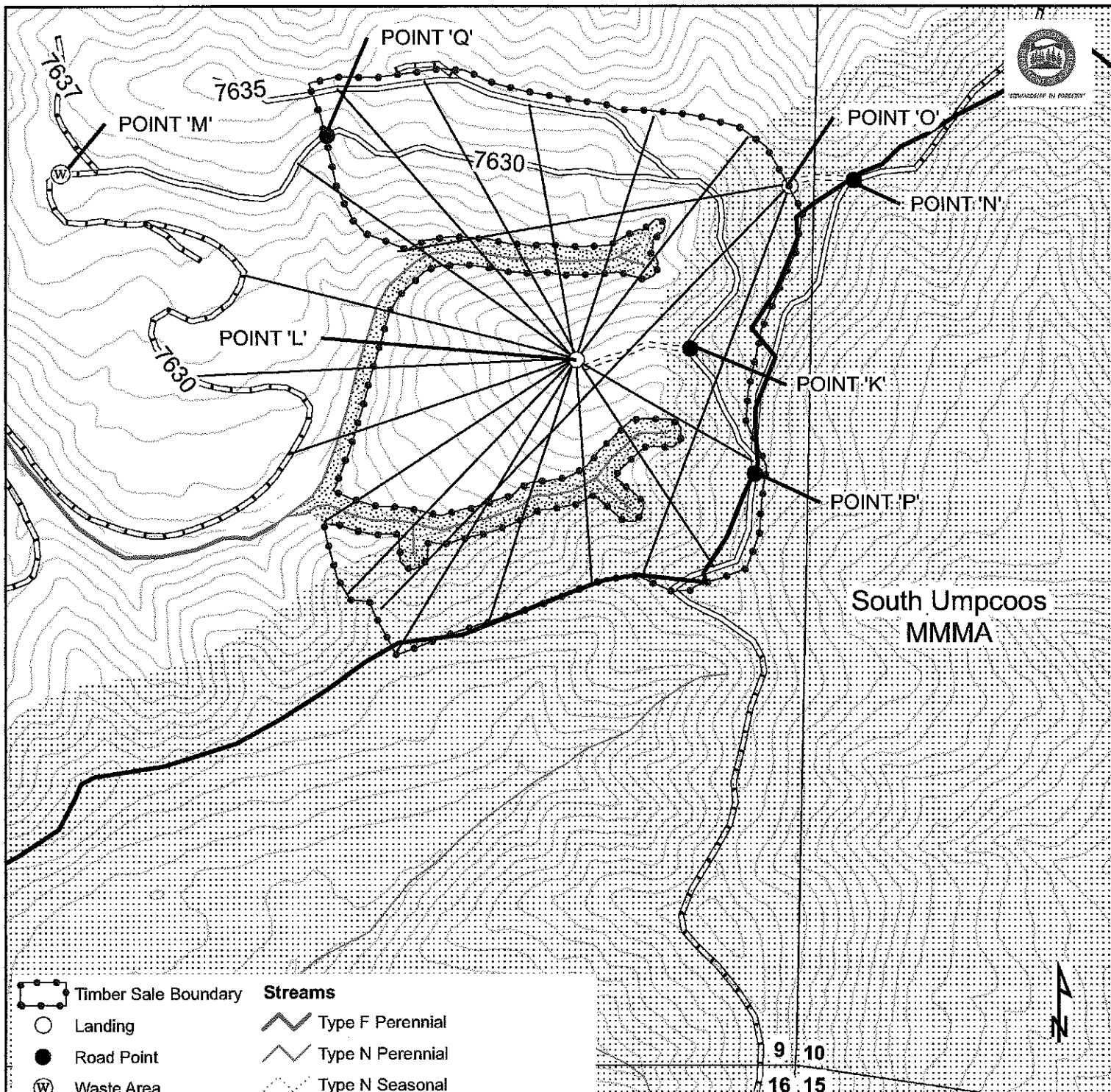


- Timber Sale Boundary
- Landing
- Road Point
- Waste Area
- Roads**
- Purchaser Maintained
- State Maintained
- New Road Construction
- Streams**
- Type F Perennial
- Type N Perennial
- Type N Seasonal
- Stream Buffer
- Yarding Corridors
- 40 Foot Contours

LOGGING PLAN
 OF TIMBER SALE NO.
 341-10-62: LONG COUGAR AREA 1
 PORTIONS OF SECTIONS 4 & 9,
 T23S, R10W, W.M. COOS COUNTY, OREGON

Sale Area	Harvest Type	Total Acres
1	clearcut	80
2	clearcut	53
Total		133





South Umpcoos
MMMA

- Timber Sale Boundary
- Landing
- Road Point
- Waste Area
- Roads**
- Purchaser Maintained
- State Maintained
- New Road Construction
- Streams**
- Type F Perennial
- Type N Perennial
- Type N Seasonal
- Stream Buffer
- Marbled Murrelet Management Area
- Seasonally Restricted Area
- Yarding Corridors
- 40 Foot Contours

LOGGING PLAN

OF TIMBER SALE NO.
341-10-62: LONG COUGAR AREA 2
PORTIONS OF SECTIONS 4 & 9,
T23S, R10W, W.M. COOS COUNTY, OREGON

Sale Area	Harvest Type	Total Acres
1	clearcut	80
2	clearcut	53
Total		133



Scale 1 : 6,000