



**TIMBER NOTICE OF SALE**

**SALE NAME:** Q COMSTOCK SORTS

**AGREEMENT NO:** 30-100081 - 30-100088

**AUCTION:** June 4, 2020 starting at 10:00 a.m.  
Northeast Region Office, Colville, WA

**COUNTY:** Stevens

**SALE LOCATION:** Sale located approximately 15 miles north of Colville, WA

**PRODUCTS SOLD  
AND SALE AREA:**

All timber except for leave trees banded with blue paint and leave trees bounded by yellow leave tree area tags in Units 1, 2 and 3 bounded by white timber sale boundary tags; and all timber bounded by orange right of way boundary tags meeting the specifications described below; on parts of Sections 24, 25, and 36 all in Township 37 North, Range 39 East W.M., containing 252 acres, more or less.

**MINIMUM BID AND ESTIMATED LOG VOLUMES:**

Agreement #	Sort #	Species and Sort Specifications	Average Log Length	Estimated Volume		Tons Per MBF	Minimum Bid Delivered Prices		Total Appraised Value	Bid Deposit
				Mbf	Tons		\$/mbf	\$/Ton		
100088	08	Dead DF/WL utility 5"+ dib	N/A	286	858	3		\$100.00	\$85,800.00	\$8,580.00

**Totals:** **286** **858** **\$85,800.00**

**CERTIFICATION:** This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: PwC-SFIFM-513)

**BID METHOD:** Sealed Bids **UNIT OF MEASURE:** Tonnage Scale

**EXPIRATION DATE:** January 31, 2021 **ALLOCATION:** Export Restricted

**PAYMENT SECURITY:** To be determined by the State as described in Clause P-045.2 of the Purchaser's Contract.

**BIDDING PROCEDURES:** A separate sealed bid and envelope must be submitted for each log sort. Prospective Purchasers may bid on any or all log sorts. On the day of sale the Purchaser must bring their bid deposit up to 10% of their total bid price. Complete bidding procedures and auction information may be obtained from the Northeast Region Office in Colville WA. Phone number (509)684-7474.

**TIMBER EXCISE TAX:** Purchaser must pay the forest excise taxes associated with the log sorts delivered to them. The tax rate for this sale is 4.2 %. Taxable Stumpage = Total Delivered Value – (Harvest Cost + Estimated Haul Cost + ARRF). For more information contact the Department of Revenue, Forest Tax Section at 1-800-548-8829.

Use the following rates for estimating taxable stumpage:

Harvest Cost = \$22.00 per Ton for sorts 01, 02, 03, 04, 05 and 06, \$0.00 per Ton for sort and \$13.00 per Ton for sort 07.



## TIMBER NOTICE OF SALE

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Hauling Services Payment Rate per Ton  
= (Base Rate + Mileage Rate) x (Contractor's hauling bid factor)

Base Rate = \$2.35 per ton

Mileage Rate =  $(\$0.16 \times C \text{ miles}) + (\$0.11 \times A \text{ miles}) \times \text{Fuel Index Factor}$

ARRF = \$0.00 per MBF for sort 07 and \$26.00 per MBF for sorts 01, 02, 03, 04, 05, 06 and 08.

Note: To calculate ARRF rates per ton use the tons\mbf conversion factor in the table above.

Long-haul surcharge: An additional haul payment of \$25/mbf net scale for mbf scale sorts or \$4.60/ton for tonnage sorts will be added for delivery destinations in excess of 250 total one-way miles (A miles plus C miles).

**CONFIRMATION:** Each sort is subject to confirmation following auction. Sorts will not be confirmed until at least 10 days after auction. Final contract award is contingent upon the State's haul cost analysis. Actual haul route may vary and is subject to change at the State's discretion.

**SPECIAL REMARKS:** The successful Purchaser(s) will be required to purchase logs from the sale area upon delivery to their location specified in the bid submitted. Logs will be delivered to the Purchaser's delivery location by the State's contract harvester. Purchaser is responsible for weighing and scaling costs. All tonnage loads will be weighed and all mbf loads will be scaled at State approved locations. The State reserves the right to determine where logs are authorized to be scaled and weighed.

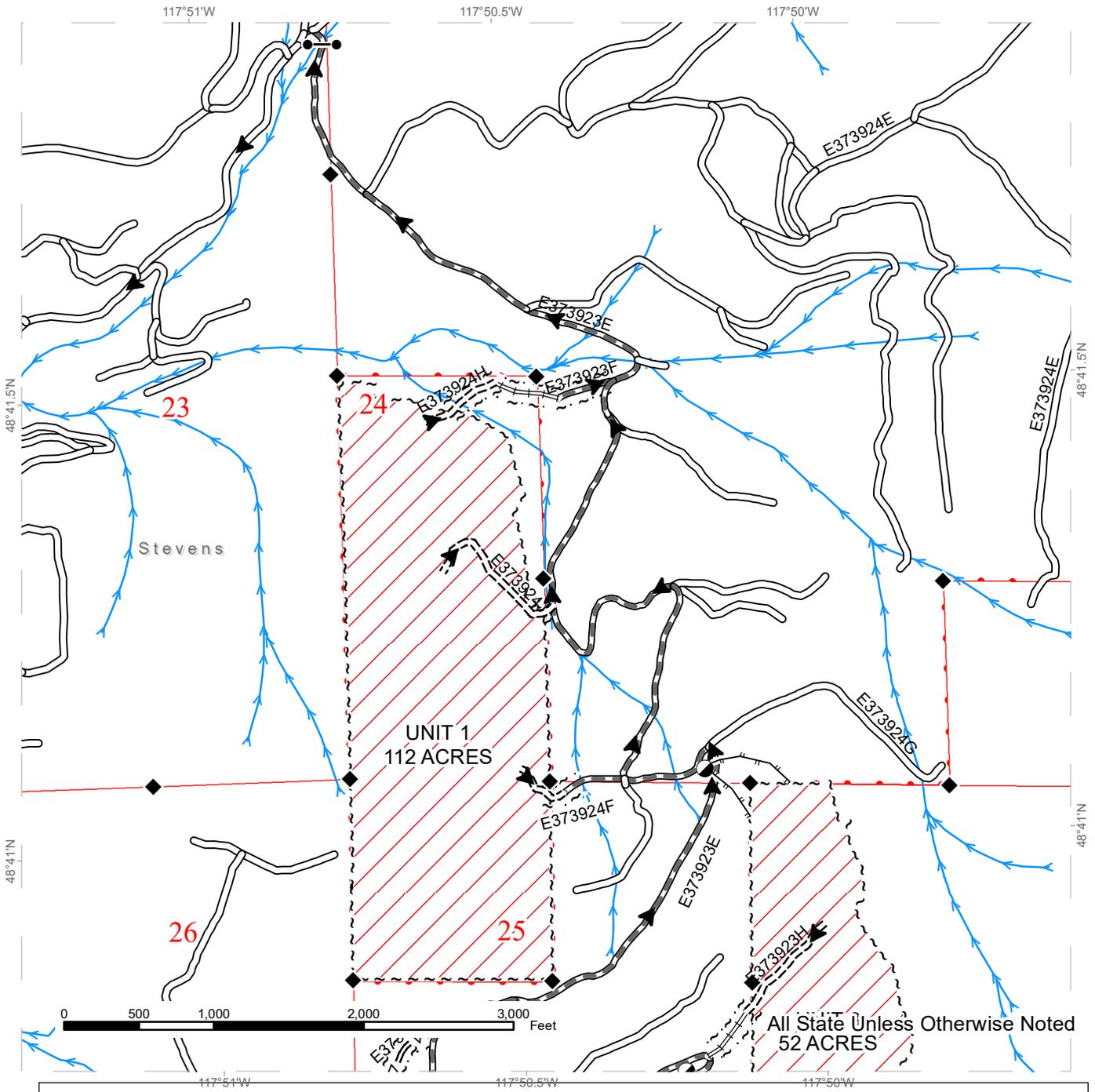
Locked gate restricts access to the sale area. Contact the Northeast Region Office at (509) 684-7474 for access.

For more information regarding this log sort sale visit our web site: <http://www.dnr.wa.gov/programs-and-services/product-sales-and-leasing/timber-sales/timber-auction-packets>. If you have questions call Janet Rogers at the Northeast Region Office at (509)563-9121 or Steve Teitzel at the Product Sales and Leasing Division Office in Olympia at (360)902-1741.

# TIMBER SALE MAP

**SALE NAME:** Q COMSTOCK SORTS  
**AGREEMENT #:** 30-099855  
**TOWNSHIP(S):** T37R39E  
**TRUST(S):** Common School and Indemnity (3)

**REGION:** Northeast Region  
**COUNTY(S):** Stevens  
**ELEVATION RGE:** 3680-5400

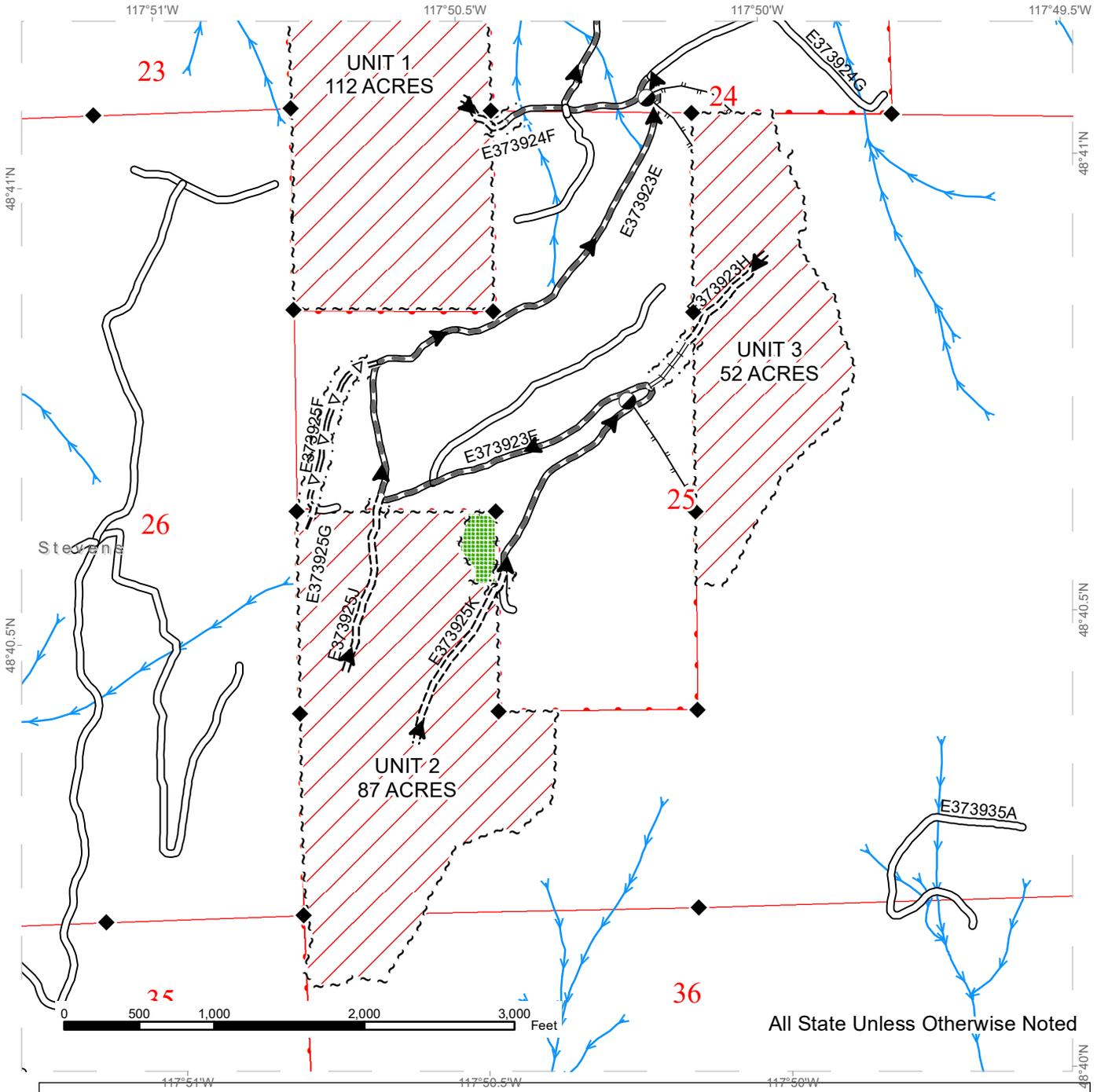


Public Land Survey Townships	Existing Roads	Haul_Route
Variable Retention Harvest	Required Pre-Haul Maintenance	Streams
Sale Boundary Tags	Required Construction	Survey Monument
Right of Way Tags = 1 acre	Required Reconstruction	Designated Landing
	Optional Pre-Haul Maintenance	Gates
	Designated Skid Trail	

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All State Unless Otherwise Noted

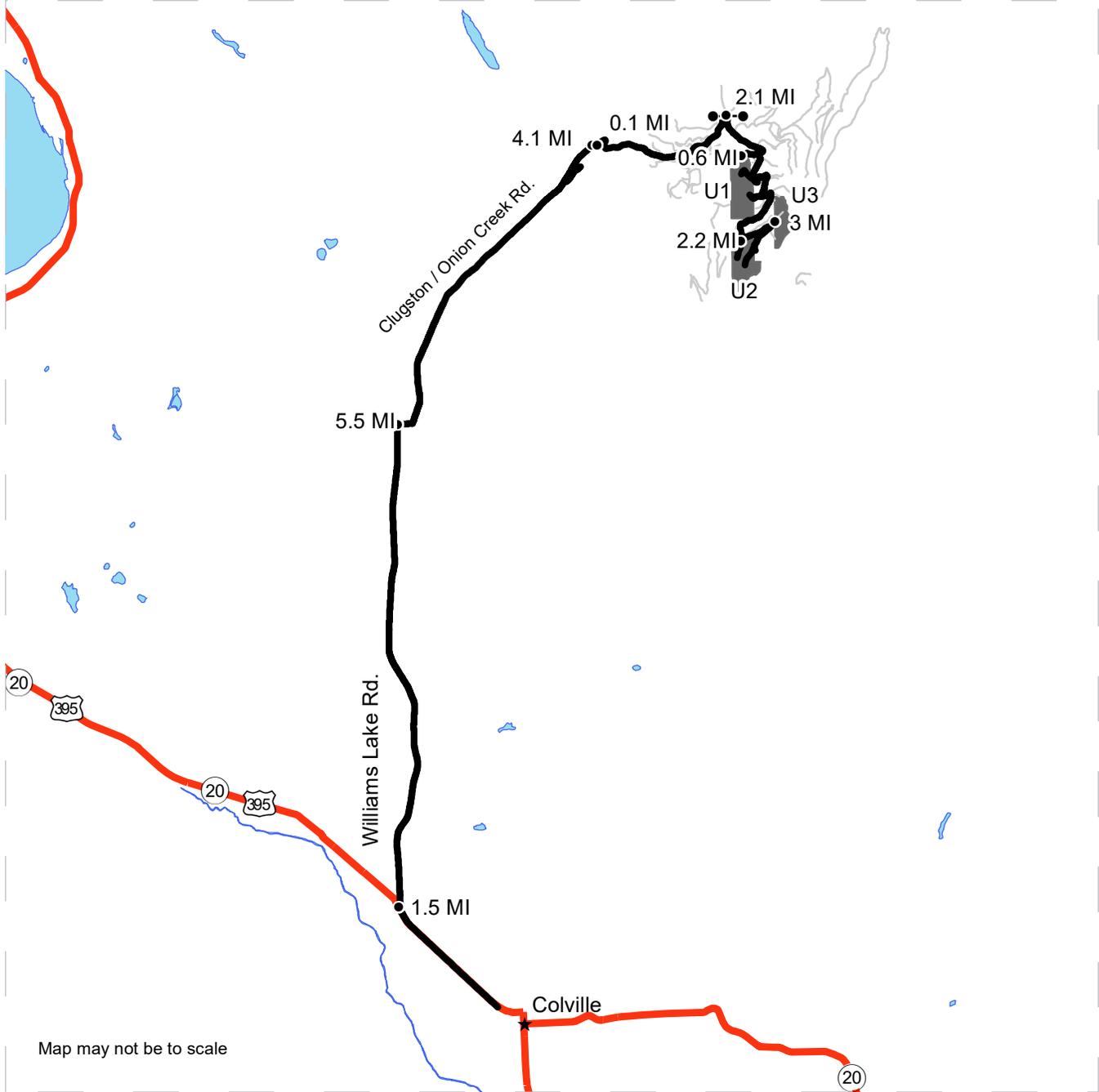
Public Land Survey Townships	Existing Roads	Haul_Route
Variable Retention Harvest	Required Pre-Haul Maintenance	Streams
Leave Tree Area	Required Construction	Survey Monument
Sale Boundary Tags	Required Reconstruction	Designated Landing
Leave Tree Tags	Optional Pre-Haul Maintenance	
Right of Way Tags = 1 acre	Optional Construction	
	Designated Skid Trail	



# DRIVING MAP

**SALE NAME:** Q COMSTOCK SORTS  
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Map may not be to scale

- Timber Sale Unit
- Haul Route
- Gate

**DRIVING DIRECTIONS:**

At the North roundabout in Colville, take 395 North, approximately 1.5 miles, turn right on Williams Lake Road, proceed 5.5 miles to the Clugston Creek- Onion Creek Road. Turn right proceed 4.1 miles, turn right on Lee Hedrick Road. In .1 miles turn left on Comstock Mine Road. At 2.1 miles turn right, enter gate. Unit 1 is located on the right approximately .6 miles, Unit 2 at 2.2 mile marker and Unit 3 at the 3 mile marker. Please see detailed driving map.



**STATE OF WASHINGTON  
DEPARTMENT OF NATURAL RESOURCES**

**LOG SALE AND PURCHASE CONTRACT**

**AGREEMENT NO. 30-0100088**

**SALE NAME: Q COMSTOCK SORT 08**

**THE STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES, HEREINAFTER ACTING SOLELY, IN ITS PROPRIETARY CAPACITY, STATE, AND PURCHASER, AGREE AS FOLLOWS:**

**Section G: General Terms**

**G-001.2 Definitions**

The following definitions apply throughout this contract;

**Contract Administrator:** Region Manager's designee responsible for assuring that the contractual obligations of the Purchaser and Contractor are met.

**Contractor:** State-selected harvester responsible to perform all duties as required by the Harvesting Services Contract, including but not limited to timber harvesting, road construction, debris removal and piling, hauling and delivery of forest products for weighing and/or scaling, to the Purchasers of the timber sales Sorts.

**Delivery:** Occurs when logs or forest products meeting the sorting specifications arrive at the Purchasers destination, as described in the contract.

**Forest Product:** Any material derived from the forest for commercial use.

**Harvesting:** A general term, referring to the Contractor's various obligations under the Harvesting Services Contract.

Harvesting Services Contract: Contract between the Contractor and the State, which sets forth the procedures and obligations of the Contractor for completing the harvesting of timber, and the delivery of various log sorts to the State's purchasers, and the payment obligations of the State, The Harvesting Services Contract will include a Road Plan for any road construction or reconstruction, where applicable.

Log Sale and Purchase Contract: Purchase Agreement between the State and Purchaser(s) of particular log sorts from the timber sale.

Purchaser: The company or individual that has entered into a Log Sale Contract with the State for individual log sorts from the timber sale area. The Contractor must deliver the designated log sorts to this company or individual. Contractor will likely be delivering different log sorts to different purchasers under the Harvesting Services Contract.

State: The Washington State Department of Natural Resources, landowner and seller of forest products from the timber sale area. The State is represented by the Region Manager as designated on the contract signature page. Contractual obligations to the State are enforced by the Region Manager or the designated Contract Administrator.

#### **G-010.2 Products Sold and Sale Area**

Purchaser was the successful bidder on June 4, 2020 and sale was confirmed on \_\_\_\_\_. The State, as owner, agrees to sell and deliver to the Purchaser logs meeting the log sort specifications as described in the G-022.2 clause. Logs will be delivered from the Q COMSTOCK SORTS Timber Sale described as parts of Sections 23, 25, and 36 all in Township 37 North, Range 39 East W.M., in Stevens County.

#### **G-022.2 Sorting Specifications**

Purchaser shall accept and pay for delivery of log sorts by a state selected contractor to the designated Purchaser location that meets the following specifications:

<b>Agreement No.</b>	<b>Sort #</b>	<b>Description</b>	<b>Destination</b>
100088	8	Dead DF/WL utility 5"+ dib	

HQ: Surface characteristics for high quality (HQ) log sorts will have sound tight knots not to exceed 1.5 inches in diameter, may include logs with not more than two larger knots up to 2.5 inches in diameter. Logs will have a growth ring count of 6 or more rings per inch in the outer third of the top end of the log.

**G-024.2 Manufacturing Standards**

All forest products except poles, produced and sold under this contract will be manufactured to maximize the amount of logs meeting preferred log lengths and to achieve the average log length listed.

<b>Agreement No.</b>	<b>Sort #</b>	<b>Scaling Rule</b>
100088	08	ES

<b>Average Log Length</b>	<b>Preferred Log Lengths</b>
N/A	

"WS" indicates that west side scaling rules apply. Minimum trim is 8 inches per scaling segment for west side scaling rules. "ES" indicates that east side scaling rules apply. Minimum trim is 4 inches per scaling segment for east side scaling rules.

Poles produced under this contract will be manufactured to ANSI specifications (American National Standard Specifications and Dimensions for Wood Poles), in force at the time of signing this contract.

- a. Sweep will be limited to within the bole of the log as measured using a tape stretched between the centers of each end of the log.
- b. Logs approved by the state for peelers shall be chuckable with no more than a 2 inch diameter area of rot within a 5 inch diameter circle located at the center of either end of the log.
- c. Limbs and knots shall be cut flush, with no more than 15 percent of a log having limbs or knots over 2 inches in diameter extending more than 2 inches above the surface of the log.

**G-025 Schedules**

The following attached schedules are hereby incorporated by reference:

Schedule	Title
A	Sort Specifications

**G-026.2 Log Delivery Destination**

Purchaser shall accept logs delivered to the destination as described in the G-022.2 clause. Purchaser may make a written request to the State for a change in log delivery destination or scaling or weighing location. If agreeable and in the best interest of the State, the State may approve the Purchaser's request. Written approval must be granted by the State prior to log delivery to a new destination or use of a new scaling or weighing facility.

Increased haul distance shall result in an increase in the P-028.2 log delivery payment rate in an amount to be calculated by the State. In no circumstance shall the payment rate for delivered logs be reduced as a result of a state approved delivery destination or scaling or weighing facility change.

Purchaser may refuse loads delivered to the wrong destination.

#### **G-027.2 Log Delivery Schedule and Conditions**

- a. Delivery hours - Purchaser agrees to accept logs from the Contractor at the Purchaser's delivery location during Purchaser's working hours or at least between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except legal holidays unless otherwise agreed upon by the State.
- b. Improperly loaded trucks - It is understood and agreed that the Purchaser incurs no obligation to accept improperly or illegally loaded trucks in its facility. Any truck so loaded may be directed to vacate the yard and shall remain the responsibility of the harvesting contractor. The Purchaser shall notify the State within 24 hours of any load (s) rejected and specify the reasons why.
- c. Log Delivery Interruptions - Purchaser may schedule times in which delivery of logs will not be accepted. The Purchaser shall notify the Contract Administrator at least five (5) working days before the scheduled interruption or closure occurs. The duration of the log delivery interruption shall not exceed seven (7) consecutive working days or a total of ten (10) working days over the duration of the contract term. If Purchaser's scheduled delivery interruption exceeds contract requirements and causes the State harm, Purchaser will be in breach of contract and subject to liquidated damages as per the D-026.2 and D-027.2 clauses, unless Purchaser and the State have made a prior agreement in writing to mitigate potential harm to the State.
- d. Required Acceptance of Daily Load Deliveries and Notification - If the State is harmed by purchaser's refusal to accept up to 10 truck deliveries of any one sort per day, Purchaser will be in breach of contract and subject to damages as per the D-026.2 and D-027.2 clauses. A truck delivery is all the wood delivered including sorts on super trucks, mule trains and pups brought to the delivery point by a single truck. The Purchaser shall notify the Contract Administrator at least 48 hours in advance if:
  1. Purchaser intends to limit the number of truck deliveries accepted on any day to less than that listed above, or
  2. Purchaser intends to limit the number of truck deliveries accepted on any day to the number listed above.
- e. State Notification to Purchaser - The State will notify the Purchaser when it anticipates or schedules an interruption of deliveries and when it anticipates

the number of truck deliveries on any day will exceed the number listed above.

- f. If payments are not received or, the State determines that the payment security has become unsatisfactory or, a demand is made against the payment security under the P-045.2 clause the State shall suspend deliveries until such time as the violation has been remedied. Any suspension of deliveries due to late payment or inadequate payment security will be considered a Log Delivery Interruption under (c) of this clause.

#### **G-030.2 Contract Term and Expiration Date**

Purchaser agrees to accept and pay for forest products delivered through the period ending January 31, 2021.

#### **G-050.2 Contract Term Extension**

Contract extensions and any other conditions subject to the extension as agreed to by the Purchaser and State, must be formalized in writing, signed by Purchaser and State.

#### **G-054.2 Early Contract Termination**

The State may terminate this contract in whole or in part by giving fifteen (15) days written notice to the Purchaser when it is in the best interests of the State. If this contract is so terminated, the State shall be liable only for the return of that portion of the initial deposit that is not required for payment, and the return of unapplied payments. The State shall not be liable for damages, whether direct or consequential.

#### **G-056.2 Force Majeure**

No Party shall be liable for any failure to perform its obligations, other than payments due, where such failure is as a result of Acts of Nature (including fire, flood, earthquake, storm, or other natural disaster), war, act of foreign enemies, hostilities (whether war is declared or not), terrorist activities, government sanction, fire, labor dispute, strike or lockout.

Any Party asserting Force Majeure as an excuse shall have the burden of proving that reasonable steps were taken (under the circumstances) to minimize delay or damages caused by foreseeable events, that all non-excused obligations were substantially fulfilled, and that the other Party was timely notified of the likelihood or actual occurrence which would justify such an assertion, so that other prudent precautions could be contemplated.

In the event of Force Majeure, the State reserves the right to terminate this agreement in accordance with clause G-054.2 'Early Contract Termination'.

#### **G-060.2 Exclusion of Warranties**

The PARTIES AGREE that the IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE and ALL OTHER WARRANTIES EXPRESSED OR IMPLIED ARE EXCLUDED from this transaction and shall not apply to the goods to be harvested or sold. For example, THE FOLLOWING

SPECIFIC MATTERS ARE NOT WARRANTED, and are EXCLUDED from this transaction:

- a. The MERCHANTABILITY of the forest products. The use of the term "merchantable" in any document is not intended to vary the foregoing.
- b. The CONDITION of the forest products. The forest products will be conveyed "AS IS."
- c. THE VOLUME, WEIGHT, QUANTITY, OR QUALITY, of the forest products to be harvested. The descriptions of the forest products to be conveyed, are estimates only, made solely for administrative and identification purposes. The timing of forest product deliveries.
- d. Items contained in any other documents prepared for or by the State.

#### **G-065 Regulatory Disclaimer**

The State disclaims any responsibility for, or liability relating to, regulatory actions by any government agency, including actions pursuant to the Forest Practices Act, Ch. 76.09 RCW that may affect the operability of the timber sale.

#### **G-070.2 Limitation on Damage**

In the event of a breach of any provision of this contract by the State, the liability of the State shall be limited to return of the unused initial deposit and unapplied payments to the Purchaser. The State shall not be liable for any damages, whether direct, incidental, or consequential.

#### **G-112.2 Title**

The State hereby warrants that State is the owner of said logs and has the right to sell same, free of liens, encumbrances, or claims, but subject to trade restrictions promulgated in WAC 240-15-015. Purchaser assumes title and all risk and responsibility for said logs upon delivery.

#### **G-116.2 Sustainable Forestry Initiative® (SFI) Certification**

Forest products purchased under this contract are certified as being in conformance with the Sustainable Forestry Initiative program Standard under certificate number: PwC-SFIFM-513.

#### **G-160.2 Agents**

The State's rights and duties will be exercised by the Region Manager at Colville, Washington. The Region Manager will notify Purchaser in writing who is responsible for administering the contract. The Region Manager has sole authority to waive, modify, or amend the terms of this contract in the manner prescribed in clause G-180. No agent, employee, or representative of the State has any authority to bind the State to any affirmation, representation, or warranty concerning the logs conveyed beyond the terms of this contract.

The Purchaser agrees to notify the State in writing of their authorized representative at the log delivery destination who will be readily available and who shall be authorized to receive, on behalf of the Purchaser any instructions or notices given by the State in regard to performance under this contract, and any limits to this person's authority.

**G-180 Modifications**

Waivers, modifications, or amendments of the terms of this contract must be in writing signed by Purchaser and the State.

**G-190 Contract Complete**

This contract is the final expression of the Parties' agreement. There are no understandings, agreements, or representations, expressed or implied, which are not specified in this contract.

**G-200.2 Notice**

Notices required to be given under the following clauses shall be in writing and shall be delivered to the State or Purchaser's authorized agent or sent by certified mail to the Purchaser's address of record, so that their receipt may be acknowledged.

G-026.2 Log Delivery Destination

G-027.2 Log Delivery and Schedule Conditions

G-210.2 Violation of Contract

All other notices required to be given under this contract shall be in writing and delivered to their respective authorized agent or mailed to the Party's post office address. Parties agree to notify the other of any change of mailing address.

**G-210.2 Violation of Contract**

- a. If Purchaser violates any provision of this contract, the Contract Administrator, by written notice, may suspend delivery of further loads of forest products. If the violation is capable of being remedied, the Purchaser has five (5) days after receipt of suspension notice to remedy the violation. If the violation cannot be remedied (such as violation of WAC 240-15-015) or Purchaser fails to remedy the violation within five (5) days after receipt of a suspension notice, the State may terminate the rights of the Purchaser under this contract and collect damages as described in the damages clause in this contract.
- b. The State has the right to remedy the breach in the absence of any indicated attempt by the Purchaser or if Purchaser is unable, as determined by the State, to remedy the breach. Any expense incurred by the State shall be charged to Purchaser and shall be paid within thirty (30) days of receipt of billing.
- c. If Purchaser's violation is a result of a failure to make payment to the State when due, in addition to (a.) above, interest shall accrue on the unpaid balance at 12 percent per annum, beginning the date payment was due. The State may secure payments from the security provided.

**G-240.2 Dispute Resolution**

The following procedures apply in the event of a dispute regarding interpretation or administration of this contract and the parties agree that these procedures must be followed before a lawsuit can be initiated.

- a. In the event of a dispute, Purchaser must make a written request to the Region Manager for resolution prior to seeking other relief.
- b. The Region Manager will issue a written decision on Purchaser's request within five business days.
- c. Within five business days of receipt of the Region Manager's decision, the Purchaser may make a written request for resolution to the Deputy Supervisor - Uplands of the Department of Natural Resources.
- d. Unless otherwise agreed, the Deputy Supervisor - Uplands will hold a conference within 15 calendar days of the receipt of Purchaser's request for review of the Region Manager's written decision. Purchaser and the Region Manager will have an opportunity to present their positions. The Deputy Supervisor - Uplands will issue a decision within a reasonable time of being presented with both Parties' positions.

**G-252.2 Forest Excise Tax**

Purchaser shall be responsible for payment of all forest excise taxes pursuant to chapter 84.33 RCW.

**G-253.2 Harvesting Cost Information**

The State agrees to supply all harvesting cost information to the Purchaser for their consideration in payment of forest excise taxes.

**G-260 Venue**

This contract shall be governed by the laws of the State of Washington. In the event of a lawsuit involving this contract, venue shall be proper only in Thurston County Superior Court.

**G-330.2 Contract Review**

Purchaser may arrange with the Contract Administrator to review the provisions of this contract prior to the delivery of forest products.

**Section P: Payments and Securities****P-010 Initial Deposit**

Purchaser paid DATA MISSING initial deposit, which will be maintained pursuant to RCW 79.15.100(3). If the operating authority on this contract expires without Purchaser's payment of the full amount specified in the 'Payment for Forest Products' clause, the initial deposit will be immediately forfeited to the State, and will be offset against Purchaser's remaining balance due. Any excess initial deposit funds not needed

to ensure full payment of the contract price, or not needed to complete any remaining obligations of the Purchaser existing after contract expiration, will be refunded to the Purchaser.

### **P-028.2 Payment for Forest Products Delivered**

Purchaser agrees to pay the State for delivered forest products at the following rate:

\$0.00/Ton

\$0.00/MBF for incorrect species delivery\*

Purchaser agrees to increase the above delivered payment rate as approved by the State in the event the location of delivery is changed per the G-026.2 clause.

Purchaser will not be billed for any delivered logs that are scaled as containing metal.

\*When two or more log sorts from this project are delivered to the same destination, the species contained in them are not eligible for the species price reduction.

### **P-036.2 Missorts and Payment Reduction for Delivered Forest Products**

Forest Products delivered that do not meet the sorting specifications in G-022.2 are considered mis-sorts. Purchaser receiving mis-sort Forest Products is required to pay the State at the bid price under this contract.

However, when mis-sorted Forest Products amount to more than 5% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-sort threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-sort payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-sort price reduction are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-sorted will be calculated as follows:

$$\text{Payment Reduction} = (B \times M) \times R$$

Where:

B = Bid rate from P-028.2 clause

M = Mis-sorted volume exceeding threshold excluding utility

R = Reduction factor\*

0.2 for diameter mis-sort

0.3 for high quality mis-sort

\*Logs eligible for payment reduction based on multiple reduction factors will be calculated at the higher payment reduction factor.

Third-party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-sort payment reduction eligibility must be obtained from roll-out scale. Truck-ramp, sample scaling, and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-sorts shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code

### **P-037.2 Mismanufacture and Payment Reduction for Delivered Forest Products**

Forest Products delivered that do not meet preferred log length specifications or multiples or combinations of preferred lengths and Forest Products delivered not meeting manufacturing standards as described in clause G-024.2 are considered mis-manufactured. Purchaser receiving mis-manufactured Forest Products is required to pay the State at the bid price under this contract.

However, when mis-manufactured Forest Products amount to more than 8% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-manufacture threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-manufacture payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-manufacture price reductions are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-manufactured will be calculated as follows:

$$\text{Payment Reduction} = (B \times M) \times (0.2)$$

Where:

B = Bid rate from P-028.2 clause

M = Mis-manufactured volume exceeding threshold excluding utility

Third-party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-manufacture payment reduction eligibility must be obtained from roll-out scale. Truck-ramp, sample scaling, and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-manufacture shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code.

### **P-039.2 Tonnage Sort Payment Reduction Requirements**

Purchaser must provide a plan in writing, acceptable to the State, to acquire third party Scribner mbf scaling information in order to be eligible for a payment reduction for a tonnage sort according to clauses P-036.2 or P-037.2. Logs delivered and accepted by the Purchaser prior to the State's acceptance of Purchaser's written payment reduction plan are not eligible for payment reduction.

Failure of Purchaser to provide sample scale data in a timely, accurate and legible basis will void an approved sample scale plan.

An approved payment reduction plan can be voided at the sole discretion of the State.

For the purpose of tonnage sort payment reduction requests, preferred log lengths for tonnage sawlog sorts shall include the following plus any additional lengths identified in clause G-024.2:

Species Type	Preferred Lengths
Conifer Sorts	16', 20', 24', 26', 32', 40'
Hardwood Sorts	18', 20', 26', 28', 30', 36', 38', 40'

### **P-040.2 Weighing and Scaling Costs**

Purchaser agrees to pay for all weighing costs for logs delivered regardless if logs are purchased on a weight or scale basis. In addition, Purchaser agrees to pay for all scaling costs for logs delivered on a scale basis. Purchaser also agrees to pay for all costs associated with the transmission and reporting of scale or weight data.

### **P-045.2 Guarantee of Payment**

Prior to the delivery of forest products and at a date determined by the State, Purchaser shall guarantee payment to the State for products delivered by posting with the State an approved payment security. If the Purchaser has purchased more than one sort, the payment securities may be consolidated for all the sorts. Acceptable payment security includes cash, certificate of deposit assignment, payment bond, savings account assignment, or irrevocable bank letter of credit.

The amount of payment security shall be determined by the State. The amount of payment security shall represent at least 30 days value of forest product deliveries. Payment security for products delivered will be used to guarantee payment to the State for late or non-payments.

If at any time the State determines that the security has become unsatisfactory or a demand is made against the payment security, the Purchaser agrees to increase the

amount or replace the security with one acceptable to the state within 5 business days. Failure to increase the amount or replace the security is considered a breach of contract.

#### **P-050.2 Billing and Payment Procedure for Forest Products Delivered**

The State will compute and forward to Purchaser a billing statement of charges for forest products delivered during the billing period at the delivered rate shown in P-028.2 clause. After receipt of the billing statement, Purchaser's payment must be received by the Department of Natural Resources on or before the due date shown on the billing statement. Purchaser agrees to make payment, payable to the Department of Natural Resources. Failure to pay on time for forest products delivered is considered a breach of contract.

Included with the billing statement will be a summary report for the billing period compiled by the State or their log and load reporting service.

The State will adjust final billings to account for any State approved payment reductions.

#### **P-080 Payment Account Refund**

Advance payments made under P-045 or P-045.2 remaining on account above the value for the charges shall be returned to Purchaser within 30 days following the final report of charges. Refunds not made within the 30 day period will accrue interest at the interest rate, as established by WAC 332-100-030, computed on a daily basis until paid.

### **Section L: Log Definitions and Accountability**

#### **L-010.2 Forest Products Conveyed**

Forest products conveyed are logs or parts of logs delivered meeting the sorting criteria defined by clause G-022.2 and manufacturing standards defined by clause G-024.2 of this contract

#### **L-014.2 Sorts Delivered to Incorrect Destination**

Purchaser has agreed to purchase the sort as described in the G-022.2 clause. In the event a load from a different sort is delivered to Purchaser, Purchaser may reject the load. If Purchaser receives an incorrectly delivered load, they shall notify the State within 24 hours. If the Purchaser accepts the load, provisions in the P-035.2 or P-036.2 clause may apply.

#### **L-071.2 Log and Load Reporting Service**

This contract may at the States discretion, require the services of a State approved third party log and load reporting service. Purchaser shall ensure log volume measurement, weight, or scale and weight data for each load is received by the log and load reporting service within 2 business day of logs being measured or weighed.

If during the term of this contract, the State discontinues use of the Log and Load Reporting Service, the State will notify the Purchaser in writing, and will approve an alternative log and load reporting process.

**L-090 Scaling Rules**

Determination of volume of any forest products shall be conducted by a state approved third party scaling organization and in accordance with the Eastside log scaling and grading rules, Region 6 taper rules, and Scribner Volume Table, revised July 1, 1972, contained in the Northwest Log Rules Eastside and Westside Log Scaling Handbook (developed and produced by the Northwest Log Rules Advisory Group) and in effect on the date of confirmation of this contract.

Special scaling specifications shall be noted on the State's Brand Designation form which is hereby incorporated to this contract by reference.

**L-110 State Approval of Log Scaling and Weighing Locations**

Forest Product measurement and weighing facilities required by this contract must be approved by the State. Forest products sold under the contract which require log scaling shall be scaled, measured, or counted by a State approved third party log scaling organization. Forest products sold under the contract which require weighing shall be weighed at a location that meets Washington State Department of Agriculture approval.

Prior to forest products being hauled, the Contract Administrator must authorize in writing the use of State approved measurement and/or weighing facilities that are at or en-route to final destinations. Forest products from this sale shall be measured or weighed at facilities, which are currently approved for use by the State and are currently authorized for this sale. The State reserves the right to verify load volume and weights with State employees or contractors at the State's own expense. The State reserves the right to revoke the authorization of previously approved measurement locations.

**Section D: Damages****D-010 Liquidated Damages**

The clauses in the DAMAGES section of this contract provide for payments by Purchaser to the State for certain breaches of the terms of this contract. These payments are agreed to as liquidated damages and not as penalties. They are reasonable estimates of anticipated harm to the State caused by Purchaser's breach. These liquidated damages provisions are agreed to by the State and Purchaser with the understanding of the difficulty of proving loss and the inconvenience or infeasibility of obtaining an adequate remedy. These liquidated damages provisions provide greater certainty for the Purchaser by allowing the Purchaser to better assess its responsibilities under the contract.

**D-026.2 Damages for Delivery Interruptions and Load Non-Acceptance**

- a. Purchaser's failure to accept delivery of forest products due to an extended delivery interruption exceeding the limits as described in the G-027.2 (c) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of \$1,000.00 per each day of breach, until breach is remedied.

- b. Unless Purchaser and the State have made a prior agreement in writing, Purchaser's failure to accept at least the number of delivered loads as described in the G-027.2 (d) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of \$200 per each truck delivery not accepted, until breach is remedied.

#### **D-027.2 Failure to Accept Forest Products Sold**

Purchaser's failure to accept all or part of the forest products sold in this agreement prior to expiration or completion of the contract results in substantial injury to the State. Except for reasons other than 'Force Majeure' (G-056.2), either section a. or b. below will apply as determined by the State.

- a. When Purchaser's refusal to accept forest products does not prevent further harvesting operations, or forest products can be re-sold to another buyer acceptable to the State, Purchaser shall be liable for and pay State for actual damages plus costs, as determined by the State associated with the administration and re-sale of forest products not accepted by Purchaser under the terms of this contract.
- b. When Purchaser's refusal to accept forest products causes a stoppage of the State's harvesting operations and prevents the State from further harvest of the sale area, the actual damage to the State and associated costs are difficult to assess. The remaining value of all the forest products left in the sale area once the stoppage occurs is not readily ascertainable. Purchaser's failure to perform disrupts the State's management plans. Therefore, Purchaser agrees to pay the State as liquidated damages, a sum calculated using the following formula:

$$LD = (.35V - I) + C + A - P$$

Where:

- LD = Liquidated Damages  
V = The stumpage value remaining in the sale area at the date of work stoppage. This will be determined by multiplying the contract bid rate contained in the P-028.2 clause for all sorts originating in the sale area, by the State's estimate of the remaining volume, less the cost of harvesting and delivery associated with each sort.  
I = Initial Deposit  
C = Costs associated with required harvesting services and road construction services prior to work stoppage but not amortized or paid.  
A = Administrative fee = \$2,500.00  
P = Advance payments received exceeding the value of logs delivered under this contract.

The above formula reflects the Purchaser's forfeiture of the initial deposit in accordance with clause P-010 by deducting the initial deposit from the amount owed. In no event shall the liquidated damages be less than zero. Interest on the liquidated

damage is owed from the date of the work stoppage until final payment, calculated using the following formula:

$$\text{Interest} = r \times \text{LD} \times N$$

Where:

r = daily equivalent of an annual interest at current interest rate as established by WAC 332-100-030.

N = Number of days from work stoppage to time of payment

**D-030.2 Inadequate Log Accountability**

Failure to provide weighing and third party scaling information result in substantial injury to the State. The potential loss of accountability is not readily ascertainable. These contractual breaches result in an increase in the potential for the delivery of forest products for which the State receives inadequate payment and causes an increase in the State's administration costs associated with this contract. The actual costs of these breaches are difficult to assess.

For these reasons, Purchaser's payments for forest product delivery under this contract will be increased in the following amounts, as liquidated damages, to compensate the State for these breaches: \$250.00 each time a load weight is not provided as required by the contract, and \$250.00 each time load scale data is not determined and provided by a State approved third party scaling organization in accordance with this contract.

IN WITNESS WHEREOF, the Parties hereto have entered into this contract.

STATE OF WASHINGTON  
DEPARTMENT OF NATURAL RESOURCES

\_\_\_\_\_  
Purchaser

\_\_\_\_\_  
Ken McNamee

\_\_\_\_\_  
Print Name

Northeast Region Manager

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

CORPORATE ACKNOWLEDGEMENT  
(Required for both LLC and Inc. Entities)

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally  
appeared \_\_\_\_\_

\_\_\_\_\_ to me known to be the  
\_\_\_\_\_ of the corporation  
that executed the within and foregoing instrument and acknowledged said instrument to be the  
free and voluntary act and deed of the corporation, for the uses and purposes therein mentioned,  
and on oath stated that (he/she was) (they were) authorized to execute said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and  
year first above written.

\_\_\_\_\_  
Notary Public in and for the State of

\_\_\_\_\_

My appointment expires \_\_\_\_\_

**Schedule A**  
**Sort Specifications**

Sort #1: Douglas-fir and western larch 7 inches to 10 inches in diameter inside the bark. If Purchaser designates peeler lengths, then chuckability standards apply to the logs. Non-chuckable logs will be delivered to the Purchaser of Sort #3. If the Purchaser designates sawlog lengths, then all Douglas-fir and western larch sawlogs will be delivered to the Purchaser of this sort and none will be delivered to the Purchaser of Sort #3.

Sort #2: Douglas-fir and western larch 11 inches and greater in diameter inside the bark. If Purchaser designates peeler lengths, then chuckability standards apply to the logs. Non-chuckable logs will be delivered to the Purchaser of Sort #4. If the Purchaser designates sawlog lengths, then all Douglas-fir and western larch sawlogs will be delivered to the Purchaser of this sort and none will be delivered to the Purchaser of Sort #4.

Sort #3: Lodgepole pine, grand fir, Engelmann spruce and sub-alpine fir 7 inches to 10 inches in diameter inside the bark. See Sort #1 description for handling procedures for Douglas-fir and western larch.

Sort #4: Lodgepole pine, grand fir, Engelmann spruce and sub-alpine fir 11 inches and greater in diameter inside the bark. See Sort #2 description for handling procedures for Douglas-fir and western larch.

Sort #5: Western red cedar 5 inches and greater in diameter inside the bark.

Sort #6: All conifer species except for ponderosa pine and western red cedar 5 inches to 6 inches in diameter inside the bark.

Sort #7: All conifer species except western red cedar 2 inches and greater in diameter inside the bark utility.

Sort 8: Dead Douglas-fir and western larch 5 inches and greater in diameter inside the bark utility.



**WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES**  
**FOREST EXCISE TAX ROAD SUMMARY SHEET**

**Region:** Northeast

**Timber Sale Name:** Q COMSTOCK SORTS

**Application Number:** 30- 099855

**EXCISE TAX APPLICABLE ACTIVITIES**

**Construction:** 5,491 linear feet  
*Road to be constructed (optional and required) but not abandoned*

**Reconstruction:** 851 linear feet  
*Road to be reconstructed (optional and required) but not abandoned*

**Abandonment:** 0 linear feet  
*Abandonment of existing roads not reconstructed under the contract*

**Decommission:** 0 linear feet  
*Road to be made undriveable but not officially abandoned.*

**Pre-Haul Maintenance:** 18,123 linear feet  
*Existing road to receive maintenance work (optional and required) prior to haul*

**EXCISE TAX EXEMPT ACTIVITIES**

**Temporary Construction:** 0 linear feet  
*Roads to be constructed (optional and required) and then abandoned*

0 linear feet  
**Temporary Reconstruction:**  
*Roads to be reconstructed (optional and required) and then abandoned*

All parties must make their own assessment of the taxable or non-taxable status of any work performed under the timber sale contract. The Department of Revenue bears responsibility for determining forest road excise taxes. The Department of Natural Resources developed this form to help estimate the impact of forest excise taxes. However, the information provided may not precisely calculate the actual amount of taxes due. The Department of Revenue is available for consultation by calling 1.800.548.8829.

(Revised 9/18)

## PRE-CRUISE NARRATIVE

Sale Name: <b>Comstock Sorts</b>	Region: <b>Northeast</b>
Agreement #: <b>30-099855</b>	District: North Columbia
Contact Forester: Janet Rogers Phone / Location: 509-684-7474	County(s): Choose a county, Stevens
Alternate Contact: Berny Beardslee Phone / Location: <a href="#">Click here to enter text.</a>	Other information: <a href="#">Click here to enter text.</a>

Type of Sale: Log Sort (Contract harvest)	
Harvest System: Ground based <a href="#">Click here to enter text.</a>	100
Harvest System: Uphill Cable <a href="#">Click here to enter text.</a>	<a href="#">Click here to enter percent sale acres.</a>
Enter % of sale acres	
Harvest System: Select harvest system <a href="#">Click here to enter text.</a>	<a href="#">Click here to enter percent sale acres.</a>

### UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #  Harvest R/W or RMZ WMZ	Legal Description (Enter only one legal for each unit) <b>Sec/Twp/Rng</b>	Grant or Trust	Gross Proposal Acres	Deductions from Gross Acres (No harvest acres)				Net Harvest Acres	Acreage Determination  (List method and error of closure if applicable)
				RMZ/WMZ Acres	Leave Tree Acres	Existing Road Acres	Other Acres (describe)		
1	Sec.24 & 25, T37R39 E		112					112	Choose an item.
2	Sec 24 & 36, T37 R39 E		90		2.25			87.75	Choose an item.
3	Sec 24, T37 R39 E		52					52	Choose an item.
ROW state	Sec. 24, T37 R39 E		.5					.5	Choose an item.
ROW PVT	Sec 24 & 25, T37R39E E		.2					.2	Choose an item.
	<a href="#">Enter Sec / Twp / Rng</a>								Choose an item.

	Enter Sec / Twp / Rng							Choose an item.
<b>TOTAL ACRES</b>			254.7		2.25			252.45

**HARVEST PLAN AND SPECIAL CONDITIONS:**

Unit #	Harvest Prescription: (Leave, take, paint color, tags, flagging etc.)	Special Management areas:	Other conditions (# leave trees, etc.)
1	Harvest Boundary marked in pink ribbon and timber sale tags, Leave trees marked with blue paint		6-7 leave trees per acre
2	Harvest Boundary marked in pink ribbon and timber sale tags, Leave trees marked with blue paint	There is a leave tree area marked with yellow and white tags	6-7 leave trees per acre
3	Harvest Boundary marked in pink ribbon and timber sale tags, Leave trees marked with blue paint		6-7 leave trees per acre
ROW	ROW outside Unit boundary marked with orange ROW tags		

**OTHER PRE-CRUISE INFORMATION:**

Unit #	Primary,secondary Species / Estimated Volume (MBF)	Access information (Gates, locks, etc.)	Photos, traverse maps required
1	DF/WRC/GF	Access is Comstock County Road. Use Hancock gate, state master lock. Later combo with app. # will be placed on gate.	100 % GPS
2	DF/GF		100 % GPS
3	DF/GF		100 % GPS
<b>TOTAL MBF</b>	4.5		

**REMARKS:**

Lock on gate will be app. #. There is a great deal of dead and dying timber in all units. Some steeper ground exists in Units 2 and 3, designated skid trails are marked in lime green. Caution will be used when skidding on Hancock ground to avoid road damage and regeneration damage.

Prepared By: Janet  
Rogers  
Date: 9/30/19

Title: NRS2

CC:

# Cruise Narrative

<b>Sale Name:</b> Comstock Sorts	<b>Region:</b> Northeast
<b>Agreement Number:</b> 30-099855	<b>District:</b> North Columbia
<b>Lead Cruiser:</b> Dylan Worlock	<b>Completion Date:</b> 10/14/2019
<b>Other Cruisers on sale:</b> Nate Simpkins	<b>Legal:</b> Sections 23, 25, & 36, T 37 N, R 39 E WM.

Unit Acreage Specifications:							
Unit #	Gross Acres	Net Acres	Total Deletions	Existing Roads	Leave Tree Acres	Power Line	Other
1	112.0	112.0	0.0				
2	89.5	87.2	2.3		2.3		
3	51.8	51.8	0.0				
ROW4	0.5	0.5	0.0				
<b>Total</b>	<b>253.8</b>	<b>251.5</b>	<b>2.3</b>	<b>0.0</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>

## Cruise Sample Design:

This timber sale was cruised using the **variable plot** sampling method. A cruise-count method was used in this sale. Plot locations were created using a computer generated grid, and found using a hand held GPS unit.

Unit #	Sample Type (VP, FP, ITS, 100%)	Expansion factor (BAF)	Sighting height	Grid size (plot spacing in feet)	Plot ratio Cruise/Tally	% Cruise to count Actual	Total number of Plots
1	VP	40	DBH (4.5')	248' x 248'	1:1	52%	77
2	VP	40	DBH (4.5')	248' x 248'	1:1	56%	58
3	VP	40	DBH (4.5')	229' x 229'	1:1	54%	43
ROW4	VP	54.45	DBH (4.5')	126'	Cruise all	100%	5
<b>Total</b>						<b>54%</b>	<b>183</b>

**Cruise Specifications:**

Minor species cruise intensity:	Cruised on appropriate plots.
Minimum top dib:	<p><b>Western red cedar:</b> Trees less than 17.5" DBH have a minimum top of 5.6" dib. Trees 17.6" and greater DBH have a minimum top dib of 40% of DOB at 16' or a 6" top whichever is greater.</p> <p><b>All other species:</b> Trees less than 17.5" DBH have a minimum top of 4.6" dib. Trees 17.6" and greater DBH have a minimum top dib of 40% of DOB at 16' or a 6" top whichever is greater.</p>
Minimum dbh:	<p>Western red cedar: 8.0 inches DBH All other species: 7.0 inches DBH</p>
Log lengths:	<p>Saw logs: 32 feet where possible, minimum of 12 feet Firewood: 40 feet where possible, minimum of 12 feet Utility: 16 feet where possible, minimum of 12 feet</p>
Take / Leave tree description:	Harvest all green conifers that meet the minimum cruise specifications and are not banded with blue paint. Leave tree area bound with yellow and white tags.
Commercial species observed in sale area, but not in cruise:	Western hemlock, ponderosa pine (all observed PP was painted to leave)
Utility wood:	Comprised of non-board foot volume and volume below the minimum top diameter of 5" or 40% of DOB at 16' to a minimum of a 2.6" top.
Status codes used:	L – leave tree, D – Dead
Sort codes used	D – saw log, U – utility log, F - firewood
Species table used:	NE 2 inch
Grade table used:	Eastgrad
Other tables used (cruise adjustment):	

**Field Observations:**

Location:	Northern Stevens County, 10 miles north of Colville, Washington. Access via Clugston-Onion Creek road to Comstock mine road. Gate access requiring code.
Aspect:	North, East, and West
Elevation:	3600' to 5400'
Slope:	Unit 1 – 0% to 45%, Average 20% Unit 2 – 0% to 60%, Average 30% Unit 3 – 0% to 60%, Average 30%
Harvest Methods:	100% ground based.
Stand Composition:	The stands are primarily second growth grand fir (39%) and Douglas-fir (22%) with larger residual trees. There is a minor component of western red cedar (13%), western larch (11%), subalpine fir (9%), lodgepole pine (6%), and Engelmann spruce (1%).
Stand Health:	There is significant mortality within the stands. Beetles are affecting multiple species and there is rot present throughout the units. All species show signs of impact, but the true firs are especially affected, as well as the larch and lodgepole.
Timber Quality:	The timber board-foot volume is a mix of domestic quality saw logs composed of grand fir (1,803mbf), Douglas-fir (963 mbf), red cedar (608 mbf), western larch (297 mbf), subalpine fir (390mbf), lodgepole (272 mbf), and Engelmann spruce (56 mbf). Total saw-log volume is <b>4,389 mbf</b> .
Non-board Foot Volume:	388 mbf of the total sale volume is comprised of utility wood (100 mbf) and firewood (288 mbf).
Other considerations/ Remarks:	<p>There is a significant amount of solid timber on the ground in all units. Some will be able to be utilized as saw logs, utility, or firewood. No estimate of quality or quantity was attempted on this down timber volume.</p> <p><b>Unit 1</b> contains nearly all of the sale's red cedar (605 mbf), as well as a mix of all species found in the sale area. The unit totals <b>2,343 mbf</b> of saw logs and non-board foot volume. Average DBH is 12.4" in the unit. Defect is 5.1% found mostly in the grand fir and lodgepole in the form of rot and bug damage. Trace amounts of western hemlock were found in the low area of the unit.</p> <p><b>Unit 2</b> contains <b>1,699 mbf</b> of total volume, made up primarily of GF (1,140mbf). Defect for the unit is 7.2%, also primarily rot and bug damage in the GF (9.1% defect). Average DBH is 13.8".</p> <p><b>Unit 3</b> contains <b>726 mbf</b>, and the bulk of the subalpine fir (324 mbf). This unit has 6.7% defect, also primarily rot and bug damage. Average DBH is 9.8".</p>

**Trust and Counties:**

Entire sale is located in Stevens County, within Trust 03.

**Prepared by:** Dylan Worlock

**Title:** Forest Check Cruiser 1

**CC:** Timber Sales Document Center & File #30-099855

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
T37N R39E S25 Ty00U1 THRU T37N R39E S25 TyROW4				Project: <b>COMSTOCK</b>										Page <b>1</b>							
				Acres <b>253.80</b>										Date <b>10/14/2019</b>							
										Percent of Net Board Foot Volume				Average Log				Logs			
Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf	Per /Acre
					Def%	Gross	Net		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
GF	D	2		24	17.8	2,129	1,750	444			66	34			100	32	15	287	1.97	6.1	
GF	D	3		55	6.0	4,282	4,024	1,021			83	17		0	4	96	32	9	103	0.68	39.0
GF	D	4		18	2.3	1,363	1,331	338	68	32			28	30	42	24	5	30	0.30	44.1	
GF	U	UT		3		157	157	40	100				92	8		18	3	9	0.13	17.5	
<b>GF Totals</b>				39	8.4	7,931	7,262	1,843	15	52	25	8	7	8	85	26	7	68	0.57	106.7	
WL	D	2		13	2.7	166	162	41			100				100	32	13	198	1.44	.8	
WL	D	3		55	5.5	728	687	174			100				100	32	8	79	0.56	8.7	
WL	D	4		26	5.9	342	322	82	61	39			16	34	50	25	5	29	0.25	11.1	
WL	U	UT		6		63	63	16	100				100			18	3	10	0.11	6.3	
<b>WL Totals</b>				7	5.0	1,300	1,235	313	21	66	13		9	9	82	26	6	46	0.40	27.0	
WL	D	F	W	100	1.5	715	704	179	16	49	35		7	5	88	33	7	74	0.57	9.6	
<b>WL Totals</b>				4	1.5	715	704	179	16	49	35		7	5	88	33	7	74	0.57	9.6	
RC	D	3		79	4.9	2,008	1,909	485			50	36	14		4	96	31	10	138	0.94	13.8
RC	D	4		21	4.5	509	486	123			100			34	47	19	23	6	30	0.35	16.2
<b>RC Totals</b>				13	4.8	2,518	2,396	608			60	29	11	7	12	81	27	8	80	0.67	30.0
LP	D	3		54	11.1	678	603	153			100				100	32	8	74	0.50	8.1	
LP	D	4		42	9.9	520	468	119	66	34			21	35	44	25	5	27	0.27	17.3	
LP	U	UT		4		40	40	10	100				51	49		21	3	10	0.11	4.0	
<b>LP Totals</b>				6	10.3	1,238	1,111	282	31	69			11	16	73	26	6	38	0.33	29.4	
DF	D	2		19	3.1	778	754	191			99	1			100	32	14	250	1.74	3.0	
DF	D	3		63	4.0	2,507	2,406	611			94	6			1	99	32	8	94	0.66	25.5
DF	D	4		16	5.3	667	631	160	74	26			31	32	37	23	5	28	0.29	22.5	
DF	U	UT		2		41	41	10	96	4			100			18	3	9	0.13	4.5	
<b>DF Totals</b>				20	4.0	3,993	3,833	973	13	63	23	0	6	6	88	27	7	69	0.57	55.6	
DF	D	F	W	100		430	430	109	3	60	22	15	11	2	88	31	8	123	0.90	3.5	
<b>DF Totals</b>				2		430	430	109	3	60	22	15	11	2	88	31	8	123	0.90	3.5	
AF	D	3		57	5.0	985	936	238			90	10			100	32	7	74	0.48	12.7	
AF	D	4		37	3.0	622	604	153	78	22			28	34	37	24	5	28	0.24	21.3	
AF	U	UT		6		93	93	24	100				78	22		18	3	8	0.11	11.1	
<b>AF Totals</b>				9	4.0	1,700	1,633	414	34	60	6		15	14	71	25	5	36	0.30	45.1	
ES	D	2		59		130	130	33			68	32			100	32	14	309	1.64	.4	
ES	D	3		31		70	70	18			100				100	32	7	79	0.48	.9	
ES	D	4		9		20	20	5	67	33			67	19	14	19	5	23	0.24	.9	
ES	U	UT		1		1	1	0	100				100			18	3	10	0.09	.1	
<b>ES Totals</b>				1		221	221	56	6	35	40	19	6	2	92	27	8	99	0.67	2.2	
<b>Totals</b>					6.1	20,045	18,824	4,778	15	58	22	5	8	9	78	5	26	6	61	0.51	308.9

TC PSTATS		<b>PROJECT STATISTICS</b>							PAGE	<b>1</b>	
		<b>PROJECT COMSTOCK</b>							DATE	10/14/2019	
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	00U1	THR	253.80	184	585	S	E	
37N	39E	25	COMSTOCK	ROW4							
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES				
TOTAL			184	585	3.2						
CRUISE			95	319	3.4	40,598	.8				
DBH COUNT REFOREST COUNT			83	261	3.1						
BLANKS			6								
100 %											
<b>STAND SUMMARY</b>											
SAMPLE TREES		TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC	
GR FIR	114	53.1	12.7	70	13.1	46.9	7,931	7,262	1,576	1,577	
DOUG FIR	58	26.6	13.5	80	7.2	26.6	3,993	3,833	861	861	
DOUG FIR-D	11	2.1	16.2	63	0.8	3.1	430	430	99	99	
WR CEDAR	37	17.1	13.1	51	4.4	16.1	2,518	2,396	535	535	
ALP FIR	32	24.5	9.4	67	3.9	11.9	1,700	1,633	336	336	
W LARCH	20	11.5	11.7	82	2.5	8.6	1,300	1,235	275	275	
W LARCH-D	18	6.8	13.1	73	1.8	6.4	715	704	179	179	
LP PINE	24	17.2	9.6	69	2.8	8.6	1,238	1,111	256	256	
E SPRUCE	5	.9	13.5	90	0.3	.9	221	221	40	40	
<b>TOTAL</b>	<b>319</b>	<b>160.0</b>	<b>12.2</b>	<b>70</b>	<b>37.0</b>	<b>129.1</b>	<b>20,045</b>	<b>18,824</b>	<b>4,157</b>	<b>4,157</b>	
CONFIDENCE LIMITS OF THE SAMPLE											
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR											
CL	68.1	COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		90.7	8.5	226	247	268					
DOUG FIR		83.5	10.9	214	241	267					
DOUG FIR-D		73.2	24.4	286	378	470					
WR CEDAR		90.3	15.0	236	278	320					
ALP FIR		82.8	14.9	77	90	103					
W LARCH		66.0	15.1	132	156	180					
W LARCH-D		93.1	22.6	130	168	206					
LP PINE		53.0	11.0	75	84	93					
E SPRUCE		98.9	49.2	192	378	564					
<b>TOTAL</b>		<b>96.8</b>	<b>5.4</b>	<b>206</b>	<b>218</b>	<b>229</b>	<b>374</b>	<b>93</b>	<b>42</b>		
CL	68.1	COEFF	SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		88.8	8.3	49	53	58					
DOUG FIR		71.7	9.4	47	52	57					
DOUG FIR-D		68.1	22.7	65	84	103					
WR CEDAR		89.1	14.8	54	64	73					
ALP FIR		77.2	13.8	16	18	21					
W LARCH		64.8	14.9	30	36	41					
W LARCH-D		86.2	20.9	33	41	50					
LP PINE		54.0	11.2	17	20	22					
E SPRUCE		92.1	45.7	36	67	97					
<b>TOTAL</b>		<b>92.2</b>	<b>5.2</b>	<b>45</b>	<b>48</b>	<b>50</b>	<b>340</b>	<b>85</b>	<b>38</b>		
CL	68.1	COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		124.4	9.2	48	53	58					
DOUG FIR		196.2	14.5	23	27	30					
DOUG FIR-D		516.9	38.1	1	2	3					
WR CEDAR		269.8	19.9	14	17	21					

TC PSTATS										<b>PROJECT STATISTICS</b>		PAGE	2
										PROJECT	COMSTOCK	DATE	10/14/2019
TWP	RGE	SC	TRACT	TYPE		ACRES			PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	00U1	THR	253.80			184	585	S	E	
37N	39E	25	COMSTOCK	ROW4									
CL	68.1	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.				
SD:	1.00	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15				
ALP FIR		264.6	19.5	20	25	29							
W LARCH		311.4	22.9	9	12	14							
W LARCH-D		347.9	25.6	5	7	9							
LP PINE		256.6	18.9	14	17	20							
E SPRUCE		834.3	61.5	0	1	2							
<b>TOTAL</b>		<b>65.6</b>	<b>4.8</b>	<b>152</b>	<b>160</b>	<b>168</b>	<b>172</b>	<b>43</b>	<b>19</b>				
CL	68.1	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.				
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15				
GR FIR		126.7	9.3	42	47	51							
DOUG FIR		183.9	13.5	23	27	30							
DOUG FIR-D		515.6	38.0	2	3	4							
WR CEDAR		263.2	19.4	13	16	19							
ALP FIR		257.5	19.0	10	12	14							
W LARCH		280.4	20.7	7	9	10							
W LARCH-D		304.4	22.4	5	6	8							
LP PINE		246.2	18.1	7	9	10							
E SPRUCE		660.0	48.6	0	1	1							
<b>TOTAL</b>		<b>60.5</b>	<b>4.5</b>	<b>123</b>	<b>129</b>	<b>135</b>	<b>146</b>	<b>36</b>	<b>16</b>				
CL	68.1	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.				
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15				
GR FIR		133.5	9.8	6,548	7,262	7,977							
DOUG FIR		189.1	13.9	3,299	3,833	4,366							
DOUG FIR-D		549.0	40.4	256	430	604							
WR CEDAR		276.6	20.4	1,908	2,396	2,884							
ALP FIR		263.5	19.4	1,316	1,633	1,950							
W LARCH		284.5	21.0	976	1,235	1,493							
W LARCH-D		293.7	21.6	552	704	856							
LP PINE		251.1	18.5	905	1,111	1,316							
E SPRUCE		682.7	50.3	110	221	332							
<b>TOTAL</b>		<b>66.2</b>	<b>4.9</b>	<b>17,907</b>	<b>18,824</b>	<b>19,742</b>	<b>175</b>	<b>44</b>	<b>19</b>				
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				
GR FIR		132.4	9.8	1,423	1,577	1,730							
DOUG FIR		185.5	13.7	743	861	979							
DOUG FIR-D		540.9	39.8	59	99	138							
WR CEDAR		270.2	19.9	429	535	642							
ALP FIR		260.7	19.2	272	336	401							
W LARCH		280.7	20.7	218	275	332							
W LARCH-D		287.0	21.1	141	179	217							
LP PINE		250.1	18.4	209	256	303							
E SPRUCE		676.2	49.8	20	40	60							
<b>TOTAL</b>		<b>63.8</b>	<b>4.7</b>	<b>3,962</b>	<b>4,157</b>	<b>4,353</b>	<b>163</b>	<b>41</b>	<b>18</b>				

T TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1									
Project: COMSTOCK												Date 10/14/2019									
												Time 1:18:32PM									
T37N R39E S25 T00U1										T37N R39E S25 T00U1											
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt												
37N	39E	25	COMSTOCK	00U1	112.00	77	141	S	E												
S Sp	So T	Gr rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre
					Def%	Gross	Net		Log Scale Dia.				Log Length				Ln	Dia	Bd	CF/ Lf	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft			
GF	D	2		14	21.2	1,046	824			69	31			100		32	15	267	1.88	3.1	
GF	D	3		62	4.6	3,752	3,578			90	10		4	96		32	8	91	0.59	39.2	
GF	D	4		20	.7	1,173	1,165		80	20		28	25	46		24	5	31	0.29	37.6	
GF	U	UT		4		219	219		100			87	13			19	3	10	0.13	21.9	
<b>GF</b>	<b>Totals</b>			28	6.5	6,190	5,786		20	60	16	4	9	8	83	26	6	57	0.46	101.8	
DF	D	2		23	1.2	1,265	1,249				100			100		32	13	239	1.62	5.2	
DF	D	3		62	4.0	3,420	3,285			96	4		2	98		32	8	96	0.64	34.4	
DF	D	4		14	2.8	773	751		76	24		33	42	24		23	5	27	0.27	27.3	
DF	U	UT		1		40	40		4	100			100			18	3	8	0.12	5.1	
<b>DF</b>	<b>Totals</b>			25	3.1	5,497	5,325		11	63	26		5	7	87	27	7	74	0.58	72.1	
DF	D	F	WD	100		451	451			52	48		14		86	30	10	157	1.14	2.9	
<b>DF</b>	<b>D</b>	<b>Totals</b>		2		451	451			52	48		14		86	30	10	157	1.14	2.9	
RC	D	3		79	4.9	4,525	4,305			50	36	14		4	96	31	10	139	0.94	31.0	
RC	D	4		21	4.5	1,149	1,097			100			34	47	19	23	6	30	0.35	36.7	
<b>RC</b>	<b>Totals</b>			26	4.8	5,674	5,402			60	29	11	7	12	81	27	8	80	0.67	67.7	
WL	D	2		18	4.6	224	213				100			100		32	12	172	1.30	1.2	
WL	D	3		61	2.6	753	734				100			100		32	8	77	0.49	9.5	
WL	D	4		20	9.3	254	230		59	41		47	12	41		19	5	21	0.24	11.1	
WL	U	UT		1		8	8		1	100			100			16	3	10	0.12	.8	
<b>WL</b>	<b>Totals</b>			6	4.3	1,239	1,185		12	70	18		10	2	88	25	6	52	0.45	22.7	
WL	D	F	WD	100	3.4	627	606			9	75	16			77	28	7	52	0.47	11.6	
<b>WL</b>	<b>D</b>	<b>Totals</b>		3	3.4	627	606			9	75	16			77	28	7	52	0.47	11.6	
LP	D	3		62	12.5	1,193	1,044				100			100		32	8	81	0.57	12.9	
LP	D	4		35	7.1	630	586		60	40		21	36	43		24	5	27	0.26	21.4	
LP	U	UT		3		45	45		5	100			60	40		22	3	10	0.11	4.5	
<b>LP</b>	<b>Totals</b>			8	10.4	1,867	1,674		24	76			9	14	77	27	6	43	0.37	38.7	
ES	D	2		59		296	296				68	32		100		32	14	309	1.64	1.0	
ES	D	3		32		158	158				100			100		32	7	79	0.48	2.0	
ES	D	4		9		40	40		4	62	38		78	22		18	5	22	0.24	1.8	
<b>ES</b>	<b>Totals</b>			2		493	493		5	35	41	19	6	2	92	27	8	103	0.69	4.8	
<b>Type Totals</b>					5.1	22,039	20,923			2,343	11	62	22	4		8	9	79	0.53	322.3	

T37N R39E S25 T00U2										T37N R39E S25 T00U2				
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt					
37N	39E	25	COMSTOCK	00U2	89.50	58	103	S	E					

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre	
					Def%	Gross	Net		Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf		
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99						
GF		D	2	30	16.9	4,723	3,924	351			66	34			100			32	15	293	2.00	13.4
GF		D	3	53	6.1	7,114	6,680	598			78	22			0	4	95	32	9	114	0.75	58.5
GF		D	4	16	2.3	2,067	2,018	181	58	42				30	26	44	23	6	31	0.32	64.6	
GF		U	UT	1		113	113	10	100					100			16	3	8	0.13	13.8	
<b>GF</b>	<b>Totals</b>			67	9.1	14,016	12,736	1,140	10	48	32	11		6	6	88	27	8	85	0.69	150.3	
DF		D	2	9	10.7	331	295	26			100					100	32	14	238	2.02	1.2	
DF		D	3	66	3.9	2,096	2,014	180			90	10				100	32	8	86	0.63	23.5	
DF		D	4	23	9.2	768	698	62	73	27				31	21	49	23	5	28	0.30	25.1	
DF		U	UT	2		56	56	5	100					100			18	3	10	0.12	5.6	
<b>DF</b>	<b>Totals</b>			16	5.8	3,251	3,064	274	18	66	16			9	5	86	26	6	55	0.51	55.4	
DF		D	F	WD	100		655	655	59	6	66	28		7	3	89	32	8	104	0.78	6.3	
<b>DF</b>	<b>D</b>	<b>Totals</b>		3		655	655	59	6	66	28			7	3	89	32	8	104	0.78	6.3	
WL		D	F	WD	100	.4	987	983	88	26	14	60			5	95	39	7	111	0.68	8.8	
<b>WL</b>	<b>D</b>	<b>Totals</b>		5	.4	987	983	88	26	14	60			5	95	39	7	111	0.68	8.8		
WL		D	2	53		192	192	17			100					100	32	14	250	1.74	.8	
WL		D	3	38	5.4	140	133	12			100					100	32	8	85	0.79	1.6	
WL		D	4	9		32	32	3	75	25				25	75		23	5	27	0.26	1.2	
<b>WL</b>	<b>Totals</b>			2	2.1	364	356	32	7	39	54			2	7	91	29	8	101	0.88	3.5	
AF		D	3	61		622	622	56			100					100	32	7	76	0.48	8.1	
AF		D	4	35		355	355	32	45	55				23	22	55	23	5	29	0.26	12.1	
AF		U	UT	4		39	39	3	100					100			18	3	10	0.12	3.9	
<b>AF</b>	<b>Totals</b>			5		1,015	1,015	91	20	80				12	8	80	25	6	42	0.34	24.1	
LP		D	3	42		73	73	7			100					100	32	8	90	0.64	.8	
LP		D	4	58		98	98	9	34	66				9	25	66	23	6	37	0.40	2.7	
<b>LP</b>	<b>Totals</b>			1		171	171	15	20	80				5	14	80	25	6	49	0.47	3.5	
<b>Type</b>	<b>Totals</b>				7.2	20,460	18,980	1,699	13	51	28	8		6	6	80	8	27	7	75	0.62	251.9

T TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1									
Project: COMSTOCK												Date 10/14/2019									
												Time 1:18:32PM									
T37N R39E S25 T00U3										T37N R39E S25 T00U3											
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt												
37N	39E	25	COMSTOCK	00U3	51.80	43	64	S	E												
Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre
					Def%	Gross	Net		Log Scale Dia.				Log Length				Ln	Dia	Bd	CF/ Lf	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft			
AF	D	3		56	6.4	3,751	3,511	182	86	14			100			32	7	73	0.48	48.1	
AF	D	4		37	3.7	2,436	2,345	121	86	14		30	38	32		24	5	28	0.23	83.5	
AF	U	UT		7		390	390	20	100			74	26			18	3	8	0.11	47.6	
<b>AF</b>	<b>Totals</b>			45	5.0	6,577	6,246	324	39	54	8	16	16	68		25	5	35	0.29	179.1	
WL	D	3		54	8.4	1,695	1,553	80		100			100			32	8	79	0.60	19.5	
WL	D	4		35	4.5	1,073	1,025	53	61	39			42	58		30	5	36	0.26	28.2	
WL	U	UT		11		293	293	15	100			100				18	3	10	0.11	29.3	
<b>WL</b>	<b>Totals</b>			20	6.2	3,062	2,871	149	32	68		10	15	75		26	5	37	0.32	77.1	
WL	D	F	WD	100		442	442	23		100		10		90		35	7	68	0.59	6.5	
<b>WL</b>	<b>D</b>	<b>Totals</b>		3		442	442	23		100		10		90		35	7	68	0.59	6.5	
LP	D	3		37	7.8	620	572	30		100			100			32	6	55	0.31	10.5	
LP	D	4		56	15.4	1,013	858	44	80	20		24	35	41		25	5	25	0.27	33.7	
LP	U	UT		7		99	99	5	100			43	57			21	3	10	0.12	9.9	
<b>LP</b>	<b>Totals</b>			11	11.8	1,732	1,528	79	52	48		16	23	61		26	5	28	0.26	54.1	
DF	D	2		23	4.5	466	446	23		100			100			32	16	354	2.35	1.3	
DF	D	3		62	4.8	1,266	1,205	62		93	7		100			32	9	120	0.84	10.1	
DF	D	4		14	1.6	267	263	14	66	34		20	21	59		24	5	34	0.34	7.8	
DF	U	UT		1		17	17	1	54	46		100				16	4	13	0.23	1.3	
<b>DF</b>	<b>Totals</b>			14	4.2	2,017	1,931	100	9	63	27	4	3	93		28	8	94	0.76	20.5	
GF	D	3		38	25.8	517	383	20		100			100			32	9	81	0.70	4.8	
GF	D	4		52	9.4	564	511	26	75	25		14	86			24	5	22	0.25	22.9	
GF	U	UT		10		97	97	5	100			100				18	3	7	0.10	13.8	
<b>GF</b>	<b>Totals</b>			7	15.8	1,177	991	51	49	51		17	44	39		23	5	24	0.28	41.5	
<b>Type Totals</b>					6.7	15,007	14,009	726	34	59	7	13	16	68	3	25	5	37	0.33	378.8	



**Species Summary - Trees, Logs, Tons, CCF, MBF**

T37N R39E S25 Ty00U1	112.0
T37N R39E S25 Ty00U2	89.5
T37N R39E S25 TyROW	.5

**Project**      **COMSTOCK**  
**Acres**            **253.80**

**Page No**            **1**  
**Date:**              **10/14/2019**  
**Time**                **1:18:33PM**

Species	s T	Total	Total	Total	Net Cubic Ft/		CF/	Total CCF		Total MBF	
		Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net
GR FIR		13,488	27,073	11,461	29.67	14.78	0.57	4,000	4,001	2,013	1,843
DOUG FIR		6,742	14,100	6,228	32.41	15.50	0.58	2,185	2,185	1,013	973
WR CEDAR		4,347	7,622	3,192	31.25	17.82	0.66	1,358	1,358	639	608
ALP FIR		6,225	11,436	2,134	13.71	7.46	0.31	853	853	432	414
W LARCH		2,924	6,848	1,674	23.85	10.19	0.40	697	697	330	313
LP PINE		4,366	7,451	1,559	14.88	8.72	0.34	649	650	314	282
W LARCH	D	1,723	2,429	1,090	26.36	18.71	0.57	454	454	181	179
DOUG FIR	D	545	884	713	45.94	28.31	0.91	250	250	109	109
E SPRUCE		239	566	264	42.34	17.90	0.67	101	101	56	56
<b>Totals</b>		40,598	78,410	28,314	25.99	13.46	0.51	10,550	10,551	5,087	4,778

Wood Type Species	Total	Total	Total	Net Cubic Ft/		CF/	Total CCF		Total MBF	
	Trees	Logs	Tons	Tree	Log	LF	Gross	Net	Gross	Net
C	40,598	78,410	28,314	25.99	13.46	0.51	10,550	10,551	5,087	4,778
<b>Totals</b>	40,598	78,410	28,314	25.99	13.46	0.51	10,550	10,551	5,087	4,778







**Log Stock Table - MBF**

T37N R39E S25 Ty00U1  
 THRU  
 T37N R39E S25 TyROW4

**Project: COMSTOCK**  
**Acres 253.80**

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Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches									
									2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29
AF		U	UT	16	1		1	.1	1									
AF		U	UT	18	13		13	3.1	13									
AF		U	UT	20	5		5	1.2	5									
AF		U	UT	24	2		2	.4	2									
AF		U	UT	28	4		4	.9	4									
AF		Totals			432	4.0	414	8.7	24	180	177	20	13					
ES		D	2	32	33		33	59.0					16	6	11			
ES		D	3	32	18		18	31.6		7	11							
ES		D	4	16	3		3	4.9		3								
ES		D	4	20	1		1	1.3		1								
ES		D	4	26	1		1	1.8		1								
ES		D	4	32	1		1	1.3		1								
ES		U	UT	18	0		0	.3	0									
ES		Totals			56		56	1.2	0	12	11		16	6	11			
Total		All Species			5,087	6.1	4,778	100.0	100	1238	1779	669	454	293	120	116	9	







**Project Log Stock Table - TONS(SED)**

T37N R39E S25 Ty00U1  
 THRU  
 T37N R39E S25 TyROW4

**Project: COMSTOCK**  
**Acres 253.80**

**Page 4**  
**Date 10/14/2019**  
**Time 1:18:34PM**

Spp	S T	So rt	Gr de	Log Len	SED	TONS	Tons by Scaling Diameter in Inches										
							2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39
AF		D	4	20	5.0	102		102									
AF		D	4	24	5.0	67		67									
AF		D	4	26	5.0	38		38									
AF		D	4	28	5.0	129		129									
AF		D	4	30	5.0	44		44									
AF		D	4	32	5.6	272		272									
AF		U	UT	12	3.0	18	18										
AF		U	UT	16	3.0	4	4										
AF		U	UT	18	3.0	68	68										
AF		U	UT	20	3.0	25	25										
AF		U	UT	24	3.0	11	11										
AF		U	UT	28	3.0	16	16										
Graded						2134	142	913	915	109	55						
AF		Totals			5.2	2,134	142	913	915	109	55						
ES		D	2	32	14.5	146				79	26	41					
ES		D	3	32	7.3	90	37	54									
ES		D	4	16	5.0	10	10										
ES		D	4	20	6.0	6	6										
ES		D	4	26	6.0	8	8										
ES		D	4	32	5.0	3	3										
ES		U	UT	18	3.0	1	1										
Graded						264	1	63	54	79	26	41					
ES		Totals			4.3	264	1	63	54	79	26	41					
Total		All Species				28,314	632	7577	10440	3810	2590	1685	794	702	84		

TC TSTATS				STATISTICS				PAGE	1	
				PROJECT	COMSTOCK		DATE	10/14/2019		
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	00U1	112.00	77	268	S	E	
				TREES	ESTIMATED	PERCENT				
				PER PLOT	TOTAL	SAMPLE				
		PLOTS	TREES	PER PLOT	TREES	TREES				
TOTAL		77	268	3.5						
CRUISE		37	140	3.8	18,720		.7			
DBH COUNT										
REFOREST										
COUNT		38	127	3.3						
BLANKS		2								
100 %										
STAND SUMMARY										
	SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
	TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
GR FIR	40	54.2	11.5	67	11.5	39.0	6,190	5,786	1,238	1,238
DOUG FIR	31	33.5	13.7	85	9.3	34.3	5,497	5,325	1,155	1,155
DOUG FIR-D	4	1.9	17.6	61	0.7	3.1	451	451	99	99
WR CEDAR	32	38.7	13.1	51	10.0	36.4	5,674	5,402	1,207	1,207
W LARCH	7	10.1	11.9	88	2.3	7.8	1,239	1,185	255	255
W LARCH-D	7	7.5	11.3	78	1.5	5.2	627	606	157	157
LP PINE	15	19.4	10.4	79	3.5	11.4	1,867	1,674	381	381
E SPRUCE	4	2.0	13.8	92	0.6	2.1	493	493	89	89
<b>TOTAL</b>	<i>140</i>	<i>167.1</i>	<i>12.4</i>	<i>70</i>	<i>39.6</i>	<i>139.2</i>	<i>22,039</i>	<i>20,923</i>	<i>4,580</i>	<i>4,581</i>
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
CL:	68.1 %	COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR		92.0	14.5	162	190	217				
DOUG FIR		63.3	11.4	197	223	248				
DOUG FIR-D		37.8	26.1	379	513	648				
WR CEDAR		80.7	14.5	231	271	310				
W LARCH		62.4	25.4	126	169	211				
W LARCH-D		84.8	34.5	78	119	159				
LP PINE		41.1	11.0	91	102	113				
E SPRUCE		83.0	47.4	240	458	675				
<b>TOTAL</b>		<i>86.5</i>	<i>7.4</i>	<i>200</i>	<i>216</i>	<i>232</i>	<i>299</i>	<i>75</i>	<i>33</i>	
CL:	68.1 %	COEFF	SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR		95.5	15.1	35	41	47				
DOUG FIR		59.1	10.6	43	48	53				
DOUG FIR-D		29.7	20.6	87	109	131				
WR CEDAR		82.6	14.8	52	62	71				
W LARCH		64.3	26.2	28	38	48				
W LARCH-D		74.2	30.2	21	30	39				
LP PINE		44.2	11.8	21	24	26				
E SPRUCE		74.7	42.7	46	81	115				
<b>TOTAL</b>		<i>84.5</i>	<i>7.2</i>	<i>44</i>	<i>47</i>	<i>51</i>	<i>285</i>	<i>71</i>	<i>32</i>	
CL:	68.1 %	COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR		101.4	11.5	48	54	60				
DOUG FIR		161.9	18.4	27	33	40				
DOUG FIR-D		447.7	51.0	1	2	3				
WR CEDAR		158.3	18.0	32	39	46				
W LARCH		268.7	30.6	7	10	13				
W LARCH-D		369.7	42.1	4	8	11				
LP PINE		236.8	27.0	14	19	25				

TC TSTATS				STATISTICS				PAGE	2	
				PROJECT	COMSTOCK			DATE	10/14/2019	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	00U1	112.00	77	268	S	E	
CL:	68.1 %	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15	
E SPRUCE		568.2	64.7	1	2	3				
<b>TOTAL</b>		<b>60.3</b>	<b>6.9</b>	<b>156</b>	<b>167</b>	<b>179</b>	<b>145</b>	<b>36</b>	<b>16</b>	
CL:	68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR		94.2	10.7	35	39	43				
DOUG FIR		155.7	17.7	28	34	40				
DOUG FIR-D		454.5	51.8	2	3	5				
WR CEDAR		153.7	17.5	30	36	43				
W LARCH		263.8	30.0	5	8	10				
W LARCH-D		314.8	35.8	3	5	7				
LP PINE		218.8	24.9	9	11	14				
E SPRUCE		430.0	49.0	1	2	3				
<b>TOTAL</b>		<b>55.9</b>	<b>6.4</b>	<b>130</b>	<b>139</b>	<b>148</b>	<b>125</b>	<b>31</b>	<b>14</b>	
CL:	68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR		99.0	11.3	5,134	5,786	6,439				
DOUG FIR		157.7	18.0	4,369	5,325	6,281				
DOUG FIR-D		498.7	56.8	195	451	706				
WR CEDAR		163.5	18.6	4,396	5,402	6,407				
W LARCH		273.4	31.1	816	1,185	1,555				
W LARCH-D		303.2	34.5	396	606	815				
LP PINE		213.1	24.3	1,268	1,674	2,080				
E SPRUCE		443.4	50.5	244	493	743				
<b>TOTAL</b>		<b>61.4</b>	<b>7.0</b>	<b>19,460</b>	<b>20,923</b>	<b>22,385</b>	<b>150</b>	<b>38</b>	<b>17</b>	
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	
GR FIR		97.7	11.1	1,100	1,238	1,375				
DOUG FIR		156.3	17.8	950	1,155	1,361				
DOUG FIR-D		487.4	55.5	44	99	153				
WR CEDAR		158.9	18.1	988	1,207	1,425				
W LARCH		269.2	30.6	177	255	334				
W LARCH-D		302.2	34.4	103	157	210				
LP PINE		213.3	24.3	289	381	474				
E SPRUCE		438.2	49.9	45	89	134				
<b>TOTAL</b>		<b>59.1</b>	<b>6.7</b>	<b>4,272</b>	<b>4,581</b>	<b>4,889</b>	<b>139</b>	<b>35</b>	<b>15</b>	

TC TSTATS				STATISTICS				PAGE	1	
				PROJECT	COMSTOCK		DATE	10/14/2019		
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	00U2	89.50	58	185	S	E	
				TREES	ESTIMATED TOTAL	PERCENT SAMPLE				
				PLOTS	TREES	PER PLOT	TREES	TREES		
TOTAL				58	185	3.2				
CRUISE				31	101	3.3	11,059	.9		
DBH COUNT										
REFOREST										
COUNT				25	80	3.2				
BLANKS				2						
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
GR FIR	61	69.3	14.4	74	20.6	77.9	14,016	12,736	2,755	2,757
DOUG FIR	15	28.1	12.7	71	7.0	24.8	3,251	3,064	740	740
DOUG FIR-D	7	3.8	15.3	64	1.2	4.8	655	655	156	156
W LARCH	3	1.6	18.0	79	0.7	2.8	364	356	89	89
W LARCH-D	9	7.0	15.4	62	2.3	9.0	987	983	234	234
ALP FIR	4	12.1	10.2	72	2.2	6.9	1,015	1,015	207	207
LP PINE	2	1.7	12.1	72	0.4	1.4	171	171	41	41
<b>TOTAL</b>	<b>101</b>	<b>123.6</b>	<b>13.8</b>	<b>72</b>	<b>34.4</b>	<b>127.6</b>	<b>20,460</b>	<b>18,980</b>	<b>4,222</b>	<b>4,223</b>
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
CL:	68.1 %	COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR	79.5	10.2		283	315	347				
DOUG FIR	81.5	21.8		125	159	194				
DOUG FIR-D	93.3	38.0		199	320	441				
W LARCH	56.0	38.7		167	273	379				
W LARCH-D	88.8	31.3		150	219	287				
ALP FIR	28.6	16.3		73	88	102				
LP PINE	28.3	26.5		74	100	126				
<b>TOTAL</b>	<b>86.5</b>	<b>8.6</b>		<b>246</b>	<b>269</b>	<b>292</b>	<b>299</b>	<b>75</b>	<b>33</b>	
CL:	68.1 %	COEFF	SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR	76.8	9.8		61	68	74				
DOUG FIR	75.7	20.2		31	39	47				
DOUG FIR-D	87.4	35.6		48	74	100				
W LARCH	41.7	28.8		47	65	84				
W LARCH-D	86.6	30.6		36	52	68				
ALP FIR	25.1	14.3		15	18	20				
LP PINE	15.4	14.4		20	24	27				
<b>TOTAL</b>	<b>82.1</b>	<b>8.2</b>		<b>55</b>	<b>59</b>	<b>64</b>	<b>269</b>	<b>67</b>	<b>30</b>	
CL:	68.1 %	COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR	98.0	12.9		60	69	78				
DOUG FIR	194.2	25.5		21	28	35				
DOUG FIR-D	400.4	52.5		2	4	6				
W LARCH	390.4	51.2		1	2	2				
W LARCH-D	292.8	38.4		4	7	10				
ALP FIR	319.2	41.9		7	12	17				
LP PINE	535.0	70.2		1	2	3				
<b>TOTAL</b>	<b>60.5</b>	<b>7.9</b>		<b>114</b>	<b>124</b>	<b>133</b>	<b>146</b>	<b>37</b>	<b>16</b>	
CL:	68.1 %	COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR	87.8	11.5		69	78	87				
DOUG FIR	185.6	24.4		19	25	31				

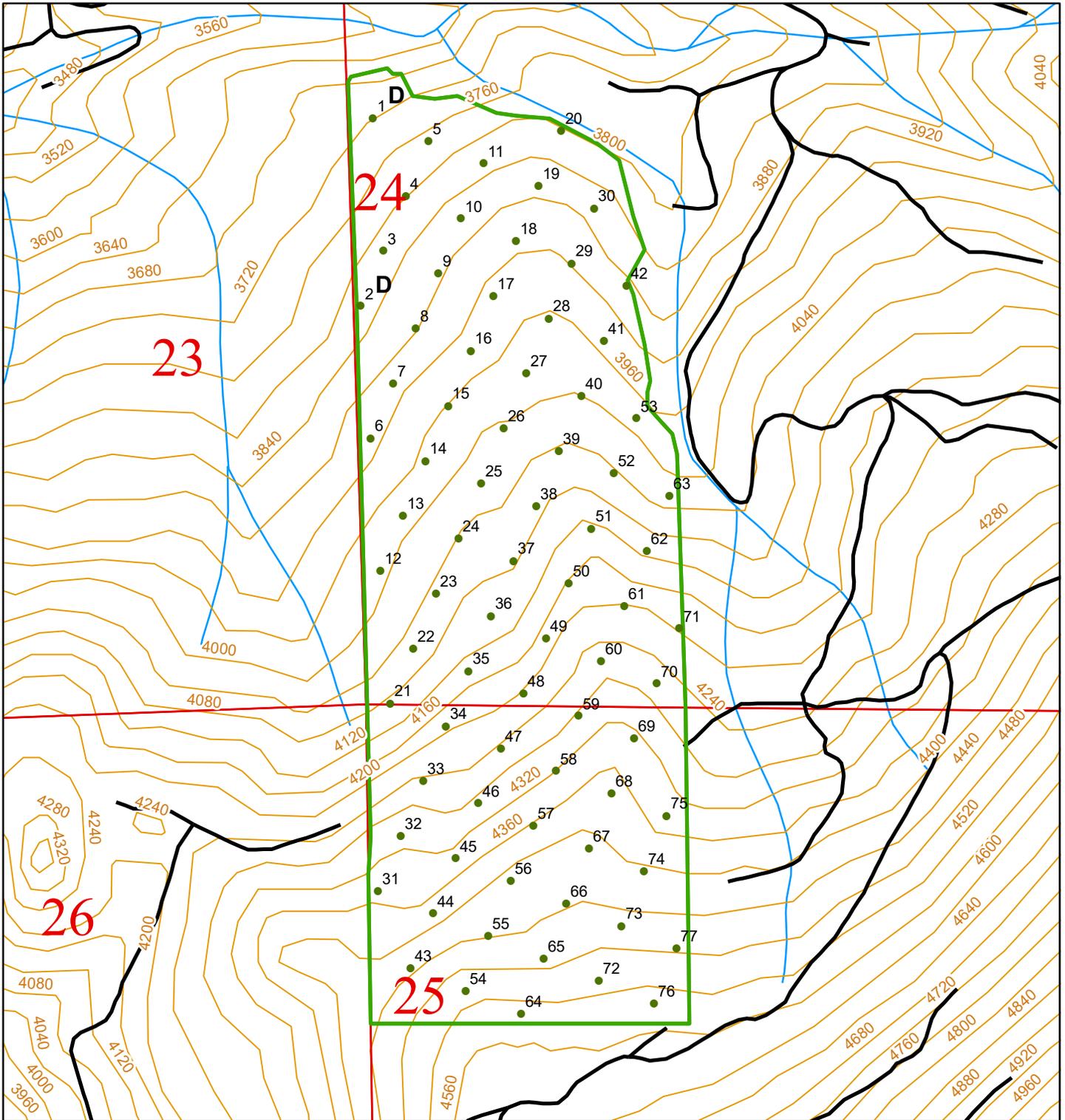
TC TSTATS				STATISTICS				PAGE	2	
				PROJECT	COMSTOCK			DATE	10/14/2019	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	00U2	89.50	58	185	S	E	
CL:	68.1 %	COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15	
DOUG FIR-D		412.9	54.2	2	5	7				
W LARCH		370.6	48.6	1	3	4				
W LARCH-D		264.8	34.7	6	9	12				
ALP FIR		328.4	43.1	4	7	10				
LP PINE		533.8	70.0	0	1	2				
<b>TOTAL</b>		<i>50.7</i>	<i>6.6</i>	<i>119</i>	<i>128</i>	<i>136</i>	<i>103</i>	<i>26</i>	<i>11</i>	
CL:	68.1 %	COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
GR FIR		89.1	11.7	11,247	12,736	14,225				
DOUG FIR		194.3	25.5	2,283	3,064	3,845				
DOUG FIR-D		434.5	57.0	282	655	1,028				
W LARCH		380.4	49.9	179	356	534				
W LARCH-D		250.1	32.8	661	983	1,306				
ALP FIR		331.3	43.5	574	1,015	1,457				
LP PINE		538.8	70.7	50	171	292				
<b>TOTAL</b>		<i>52.0</i>	<i>6.8</i>	<i>17,686</i>	<i>18,980</i>	<i>20,274</i>	<i>108</i>	<i>27</i>	<i>12</i>	
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	
GR FIR		88.7	11.6	2,436	2,757	3,077				
DOUG FIR		188.4	24.7	557	740	923				
DOUG FIR-D		426.9	56.0	69	156	244				
W LARCH		371.8	48.8	46	89	133				
W LARCH-D		248.7	32.6	157	234	310				
ALP FIR		330.7	43.4	117	207	296				
LP PINE		534.3	70.1	12	41	69				
<b>TOTAL</b>		<i>50.1</i>	<i>6.6</i>	<i>3,945</i>	<i>4,223</i>	<i>4,501</i>	<i>100</i>	<i>25</i>	<i>11</i>	

TC TSTATS				STATISTICS				PAGE	1	
				PROJECT	COMSTOCK		DATE	10/14/2019		
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	00U3	51.80	43	118	S	E	
				TREES	ESTIMATED	PERCENT				
				PER PLOT	TOTAL	SAMPLE				
		PLOTS	TREES	PER PLOT	TREES	TREES				
TOTAL		43	118	2.7						
CRUISE		21	64	3.0	10,758	.6				
DBH COUNT										
REFOREST										
COUNT		20	54	2.7						
BLANKS		2								
100 %										
<b>STAND SUMMARY</b>										
	SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
	TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
ALP FIR	28	99.3	9.3	66	15.3	46.5	6,577	6,246	1,291	1,291
W LARCH	10	31.9	10.8	77	6.2	20.5	3,062	2,871	640	640
W LARCH-D	2	5.0	13.1	81	1.3	4.7	442	442	135	135
LP PINE	7	39.4	8.3	59	5.2	14.9	1,732	1,528	360	360
DOUG FIR	10	9.1	16.2	80	3.2	13.0	2,017	1,931	434	434
GR FIR	7	22.9	9.1	60	3.4	10.2	1,177	991	270	270
<b>TOTAL</b>	<b>64</b>	<b>207.7</b>	<b>9.8</b>	<b>67</b>	<b>35.0</b>	<b>109.8</b>	<b>15,007</b>	<b>14,009</b>	<b>3,130</b>	<b>3,130</b>
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
CL:	68.1 %	COEFF	<b>SAMPLE TREES - BF</b>				<b># OF TREES REQ.</b>		<b>INF. POP.</b>	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
ALP FIR	88.1	17.3		75	90	106				
W LARCH	48.7	16.2		94	112	130				
W LARCH-D	79.9	74.8		29	115	201				
LP PINE	47.1	19.2		33	41	49				
DOUG FIR	70.3	23.4		219	286	353				
GR FIR	72.5	29.5		43	61	80				
<b>TOTAL</b>	<b>105.5</b>	<b>13.3</b>		<b>101</b>	<b>117</b>	<b>133</b>	<b>444</b>	<b>111</b>	<b>49</b>	
CL:	68.1 %	COEFF	<b>SAMPLE TREES - CF</b>				<b># OF TREES REQ.</b>		<b>INF. POP.</b>	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
ALP FIR	82.0	16.1		16	19	22				
W LARCH	49.3	16.4		21	25	29				
W LARCH-D	69.9	65.4		12	34	56				
LP PINE	38.1	15.5		8	10	11				
DOUG FIR	62.6	20.8		50	63	76				
GR FIR	82.6	33.6		12	18	23				
<b>TOTAL</b>	<b>98.3</b>	<b>12.4</b>		<b>23</b>	<b>26</b>	<b>29</b>	<b>386</b>	<b>96</b>	<b>43</b>	
CL:	68.1 %	COEFF	<b>TREES/ACRE</b>				<b># OF PLOTS REQ.</b>		<b>INF. POP.</b>	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
ALP FIR	118.1	18.0		81	99	117				
W LARCH	216.4	33.0		21	32	42				
W LARCH-D	289.3	44.1		3	5	7				
LP PINE	170.0	25.9		29	39	50				
DOUG FIR	192.7	29.4		6	9	12				
GR FIR	264.3	40.3		14	23	32				
<b>TOTAL</b>	<b>63.1</b>	<b>9.6</b>		<b>188</b>	<b>208</b>	<b>228</b>	<b>159</b>	<b>40</b>	<b>18</b>	
CL:	68.1 %	COEFF	<b>BASAL AREA/ACRE</b>				<b># OF PLOTS REQ.</b>		<b>INF. POP.</b>	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
ALP FIR	112.5	17.1		39	47	54				
W LARCH	206.2	31.4		14	20	27				
W LARCH-D	278.9	42.5		3	5	7				
LP PINE	166.1	25.3		11	15	19				
DOUG FIR	209.0	31.8		9	13	17				
GR FIR	284.1	43.3		6	10	15				

TC TSTATS				STATISTICS				PAGE	2	
				PROJECT	COMSTOCK			DATE	10/14/2019	
TWP	RGE	SECT	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt
37N	39E	25	COMSTOCK	00U3	51.80		43	118	S	E
CL:	68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15	
<b>TOTAL</b>		58.5	8.9	100	110	120	137	34	15	
CL:	68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
ALP FIR		117.2	17.9	5,131	6,246	7,361				
W LARCH		205.9	31.4	1,970	2,871	3,772				
W LARCH-D		281.5	42.9	252	442	631				
LP PINE		162.2	24.7	1,151	1,528	1,906				
DOUG FIR		222.6	33.9	1,276	1,931	2,586				
GR FIR		292.7	44.6	549	991	1,433				
<b>TOTAL</b>		64.8	9.9	12,626	14,009	15,392	168	42	19	
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	
ALP FIR		114.9	17.5	1,065	1,291	1,517				
W LARCH		205.5	31.3	439	640	840				
W LARCH-D		279.6	42.6	77	135	192				
LP PINE		163.2	24.9	270	360	449				
DOUG FIR		217.4	33.1	290	434	578				
GR FIR		292.4	44.5	150	270	391				
<b>TOTAL</b>		60.9	9.3	2,839	3,130	3,420	148	37	16	

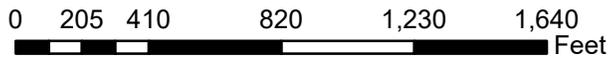
TC TSTATS				STATISTICS						PAGE	1
				PROJECT	COMSTOCK		DATE	10/14/2019			
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
37N	39E	25	COMSTOCK	ROW4	0.50	6	14	S	E		
				TREES	ESTIMATED	PERCENT					
				PER PLOT	TOTAL	SAMPLE					
		PLOTS	TREES	PER PLOT	TREES	TREES					
TOTAL		6	14	2.3							
CRUISE		6	14	2.3	62	22.8					
DBH COUNT											
REFOREST											
COUNT											
BLANKS											
100 %											
<b>STAND SUMMARY</b>											
SAMPLE		TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET	
TREES		/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC	
GR FIR		6	58.1	12.2	82	13.5	47.1	8,199	7,861	1,629	
WR CEDAR		5	32.1	14.6	63	9.7	37.2	6,855	5,969	1,392	
DOUG FIR		2	4.8	26.5	90	3.5	18.2	4,336	4,234	756	
E SPRUCE		1	28.1	7.7	64	3.3	9.1	1,684	1,684	265	
<b>TOTAL</b>		<i>14</i>	<i>123.1</i>	<i>12.9</i>	<i>73</i>	<i>31.1</i>	<i>111.5</i>	<i>21,073</i>	<i>19,748</i>	<i>4,042</i>	
CONFIDENCE LIMITS OF THE SAMPLE											
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR											
CL:	68.1 %	COEFF	<b>SAMPLE TREES - BF</b>				# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		46.6	20.8	127	160	193					
WR CEDAR		134.1	66.6	109	326	543					
DOUG FIR		33.6	31.5	620	905	1,190					
E SPRUCE											
<b>TOTAL</b>		<i>116.5</i>	<i>32.3</i>	<i>216</i>	<i>319</i>	<i>421</i>	<i>583</i>	<i>146</i>	<i>65</i>		
CL:	68.1 %	COEFF	<b>SAMPLE TREES - CF</b>				# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		47.3	21.0	26	33	40					
WR CEDAR		120.5	59.9	31	76	122					
DOUG FIR		21.6	20.3	128	161	193					
E SPRUCE											
<b>TOTAL</b>		<i>108.1</i>	<i>30.0</i>	<i>46</i>	<i>65</i>	<i>85</i>	<i>503</i>	<i>126</i>	<i>56</i>		
CL:	68.1 %	COEFF	<b>TREES/ACRE</b>				# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		87.1	38.8	36	58	81					
WR CEDAR		211.9	94.3	2	32	62					
DOUG FIR		155.5	69.2	1	5	8					
E SPRUCE		244.9	109.1		28	59					
<b>TOTAL</b>		<i>139.7</i>	<i>62.2</i>	<i>46</i>	<i>123</i>	<i>200</i>	<i>929</i>	<i>232</i>	<i>103</i>		
CL:	68.1 %	COEFF	<b>BASAL AREA/ACRE</b>				# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		82.4	36.7	30	47	64					
WR CEDAR		176.0	78.4	8	37	66					
DOUG FIR		154.9	69.0	6	18	31					
E SPRUCE		244.9	109.1		9	19					
<b>TOTAL</b>		<i>104.5</i>	<i>46.5</i>	<i>60</i>	<i>112</i>	<i>163</i>	<i>520</i>	<i>130</i>	<i>58</i>		
CL:	68.1 %	COEFF	<b>NET BF/ACRE</b>				# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
GR FIR		76.4	34.0	5,185	7,861	10,536					
WR CEDAR		165.9	73.9	1,560	5,969	10,379					
DOUG FIR		158.3	70.5	1,249	4,234	7,219					
E SPRUCE		244.9	109.1		1,684	3,520					
<b>TOTAL</b>		<i>94.2</i>	<i>41.9</i>	<i>11,468</i>	<i>19,748</i>	<i>28,027</i>	<i>422</i>	<i>105</i>	<i>47</i>		

TC TSTATS				STATISTICS				PAGE	2	
				PROJECT	COMSTOCK			DATE	10/14/2019	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
37N	39E	25	COMSTOCK	ROW4	0.50	6	14	S	E	
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	
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	
GR FIR		78.1	34.8	1,062	1,629	2,196				
WR CEDAR		170.7	76.0	334	1,392	2,450				
DOUG FIR		155.8	69.4	232	756	1,280				
E SPRUCE		244.9	109.1		265	554				
<b>TOTAL</b>		98.2	43.7	2,274	4,042	5,810	459	115	51	



**FMA POLYGON AND SAMPLE POINT INFORMATION**

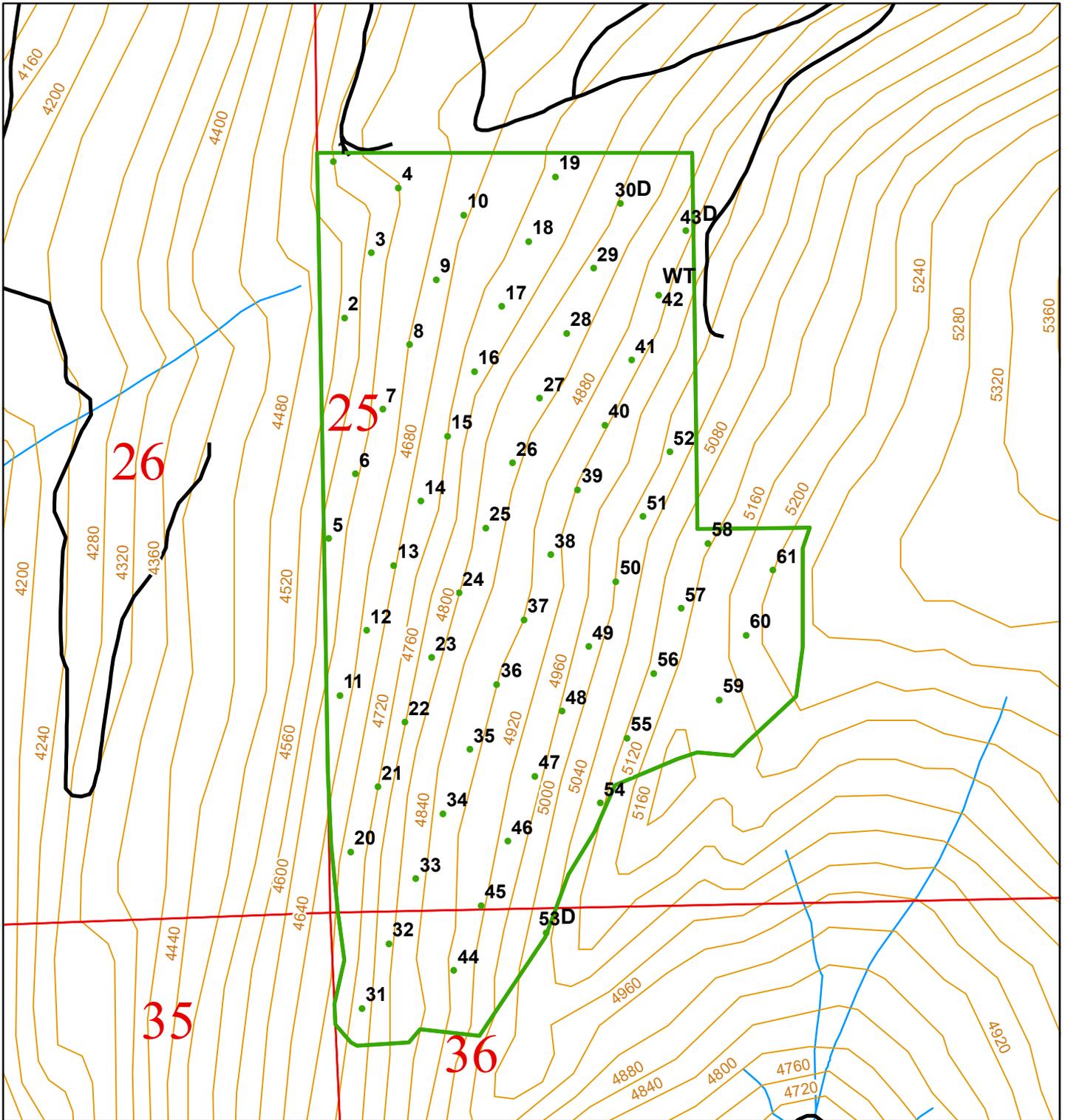
FMA_NM:	COMSTOCK SORTS U1	Township:	T37R39E
FMA_ID:	289761	DNR Region:	NORTHEAST
Acres:	112	Total Sample Points:	77
County:	STEVENS	Spacing Between Points:	Width: 248 Height: 248
		Point Rotation Degrees:	0



Scale 1:6,600

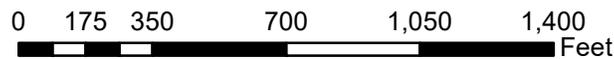
**Legend**

- FMA polys
- Public Land Survey Sections
- Contours 40-foot



**FMA POLYGON AND SAMPLE POINT INFORMATION**

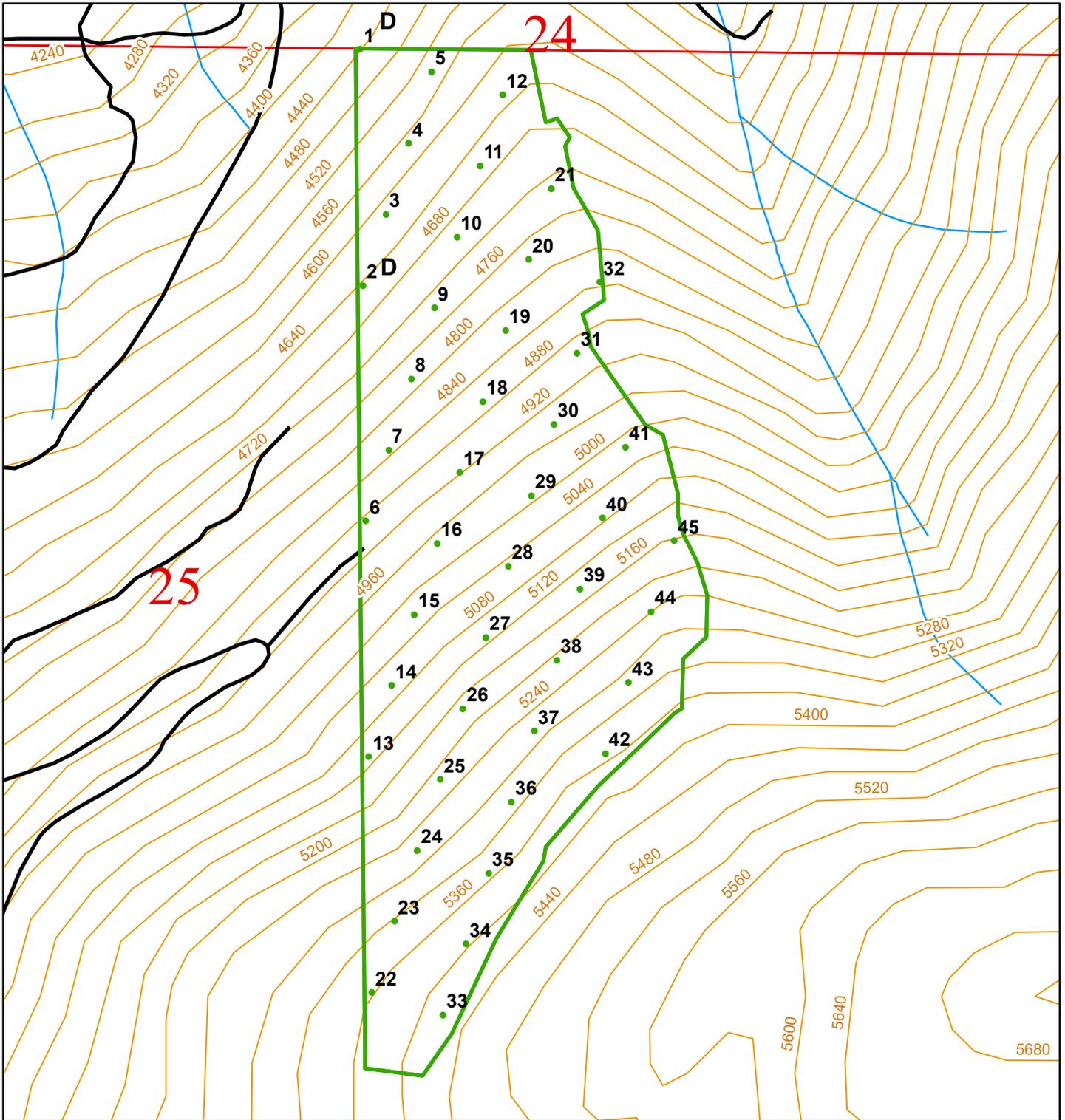
FMA_NM:	COMSTOCK SORTS U2	Township:	T37R39E
FMA_ID:	289762	DNR Region:	NORTHEAST
Acres:	90	Total Sample Points:	67
County:	STEVENS	Spacing Between Points:	Width: 248 Height: 248
		Point Rotation Degrees:	0



Scale 1:5,200

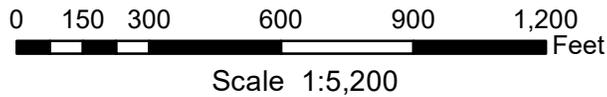
**Legend**

- FMA polys
- Public Land Survey Sections
- Contours 40-foot



**FMA POLYGON AND SAMPLE POINT INFORMATION**

FMA_NM:	COMSTOCK SORTS U3	Township:	T37R39E
FMA_ID:	289763	DNR Region:	NORTHEAST
Acres:	52	Total Sample Points:	45
County:	STEVENS	Spacing Between Points:	Width: 229 Height: 229
		Point Rotation Degrees:	15



**Legend**

- FMA polys
- Public Land Survey Sections
- Contours 40-foot



# Forest Practices Application/Notification Notice of Decision

FPA/N No: 3023918  
 Effective Date: 12/19/2019  
 Expiration Date: 12/19/2022  
 Shut Down Zone: 687  
 EARR Tax Credit:  Eligible  Non-eligible  
 Reference: DNR "Q Comstock Sorts"  
24,25,36-37-39

### Decision

- Notification** Operations shall not begin before the effective date.
- Approved** This Forest Practices Application is subject to the conditions listed below.
- Disapproved** This Forest Practices Application is disapproved for the reasons listed below.
- Closed** Applicant has withdrawn FPA/N.

### FPA/N Classification

Class II  Class III  Class IVG  Class IVS

### Number of Years Granted on Multi-Year Request

4 years  5 years

### Conditions on Approval / Reasons for Disapproval

Approved without conditions.

Issued By: Bob Hinds Region: Northeast

Title: Forest Practices Forester Date: 12/19/2019

Copies to:  Landowner, Timber Owner and Operator.

Issued in person:  Landowner  Timber Owner  Operator By: \_\_\_\_\_

**Appeal Information**

You have thirty (30) days to appeal this Decision and any related State Environmental Policy Act determinations to the Pollution Control Hearings Board in writing at the following addresses:

**Physical address: 1111 Israel Rd. SW, Ste 301, Tumwater, WA 98501**

**Mailing address: P.O. BOX 40903, OLYMPIA, WA 98504-0903**

Information regarding the Pollution Control Hearings Board can be found at: <http://www.eluho.wa.gov/>

At the same time you file an appeal with the Pollution Control Hearings Board, also send a copy of the appeal to the Department of Natural Resources' region office and the Office of the Attorney General at the following addresses:

Office of the Attorney General  
Natural Resources Division  
1125 Washington Street SE  
PO Box 40100  
Olympia, WA 98504-0100

And

Department Of Natural Resources  
Northeast Region  
225 South Silke Rd  
Colville, WA 99114

**Other Applicable Laws**

Operating as described in this application/notification does not ensure compliance with the Endangered Species Act, or other federal, state, or local laws.

**Transfer of Forest Practices Application/Notification (WAC 222-20-010)**

Use the "Notice of Transfer of Approved Forest Practices Application/Notification" form. This form is available at region offices and on the Forest Practices website: <http://www.dnr.wa.gov/businesspermits/forestpractices>. Notify DNR of new Operators within 48 hours.

**Continuing Forest Land Obligations (RCW 76.09.060, RCW 76.09.070, RCW 76.09.390, and WAC 222-20-055)**

Obligations include reforestation, road maintenance and abandonment plans, conversions of forest land to non-forestry use and/or harvest strategies on perennial non-fish habitat (Type Np) waters in Eastern Washington.

Before the sale or transfer of land or perpetual timber rights subject to continuing forest land obligations, the seller must notify the buyer of such an obligation on a form titled "Notice of Continuing Forest Land Obligation". The seller and buyer must both sign the "Notice of Continuing Forest Land Obligation" form and send it to the DNR Region Office for retention. This form is available at DNR region offices.

If the seller fails to notify the buyer about the continuing forest land obligation, the seller must pay the buyer's costs related to continuing forest land obligations, including all legal costs and reasonable attorneys' fees incurred by the buyer in enforcing the continuing forest land obligation against the seller.

Failure by the seller to send the required notice to the DNR at the time of sale will be prima facie evidence in an action by the buyer against the seller for costs related to the continuing forest land obligation prior to sale.

**DNR affidavit of mailing:**

On this day <u>12-20-19</u> , I placed in the United States mail at <u>Colville</u> , WA,
(date) (post office location)
postage paid, a true and accurate copy of this document. Notice of Decision FPA # <u>3023918</u>
<u>Galadriel Hook</u> (Printed name) <u>Galadriel Hook</u> (Signature)