



TIMBER NOTICE OF SALE

SALE NAME: CEDARVILLE SORTS

AGREEMENT NO: 30-102486

AUCTION: June 27, 2023 starting at 10:00 a.m. Pacific Cascade Region Office, Castle Rock, WA

COUNTY: Grays Harbor

SALE LOCATION: Sale located approximately 2 miles west of Oakville, WA

PRODUCTS SOLD AND SALE AREA:

All delivered logs, except leave trees marked with blue paint, trees bound with yellow "Leave Tree Area" tags, and all down timber existing 5 years prior to the day of sale, bound by the following:

Unit 1, White "Timber Sale Boundary" tags with pink "Timber Harvest Boundary" flagging;

Unit 2, White "Timber Sale Boundary" tags with pink "Timber Harvest Boundary" flagging and the V-2000 road;

Unit 3, White "Timber Sale Boundary" tags with pink "Timber Harvest Boundary" flagging;

Unit 4, 7, 8, ROW, Orange "Right of Way Boundary" tags and pink flagging;

Unit 5, Blue "Special Management Unit" tags, pink flagging, the V-0040, and property line;

Unit 6, All timber marked with orange paint bound by blue "Special Management Unit" tags, white "Timber Sale Boundary" tags, pink flagging, and property line (reprod); meeting the specifications described below; on parts of Sections 27 and 35 all in Township 16 North, Range 5 West W.M., containing 169 acres, more or less.

MINIMUM BID AND ESTIMATED LOG VOLUMES:

Table with 9 columns: Agreement #, Sort #, Species and Sort Specifications, Average Log Length, Estimated Volume (Mbf, Tons), Tons Per MBF, Minimum Bid Delivered Prices (\$/mbf, \$/Ton), Total Appraised Value, Bid Deposit. Includes a Totals row.

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

BID METHOD: Sealed Bids UNIT OF MEASURE: MBF Scale/Tonnage Scale

EXPIRATION DATE: December 15, 2023 ALLOCATION: Export Restricted

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



## TIMBER NOTICE OF SALE

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### **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 Pacific Cascade Region Office in Castle Rock WA. Phone number (360)577-2025.

### **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:

Payment for Harvesting (OBT): The State's payment to the Contractor for harvesting (OBT Rate) adjusted each quarter using the following formula:

$$\text{Harvester's OBT Rate} = (Q(x) - Q(\text{base})) \times 100 \times \$0.04 + \text{Harvester's OBT Bid Rate}$$

Where;

$Q(\text{base})$  = Average fuel price for quarter preceding harvesting services contract bid opening.

$Q(x)$  = Average fuel price for quarter preceding log deliveries.

Harvester's OBT Rate shall not be less than their original bid rate.

Harvest Cost = \$0.00 per MBF for sorts 5.

Hauling Services Payment Rate per Ton  
= (Base Rate + Mileage Rate) x (1.689)

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 = \$26.00 per MBF for sort 5.

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.



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**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.

Extreme hazard abatement is required in Unit 3; see H-141 for details.

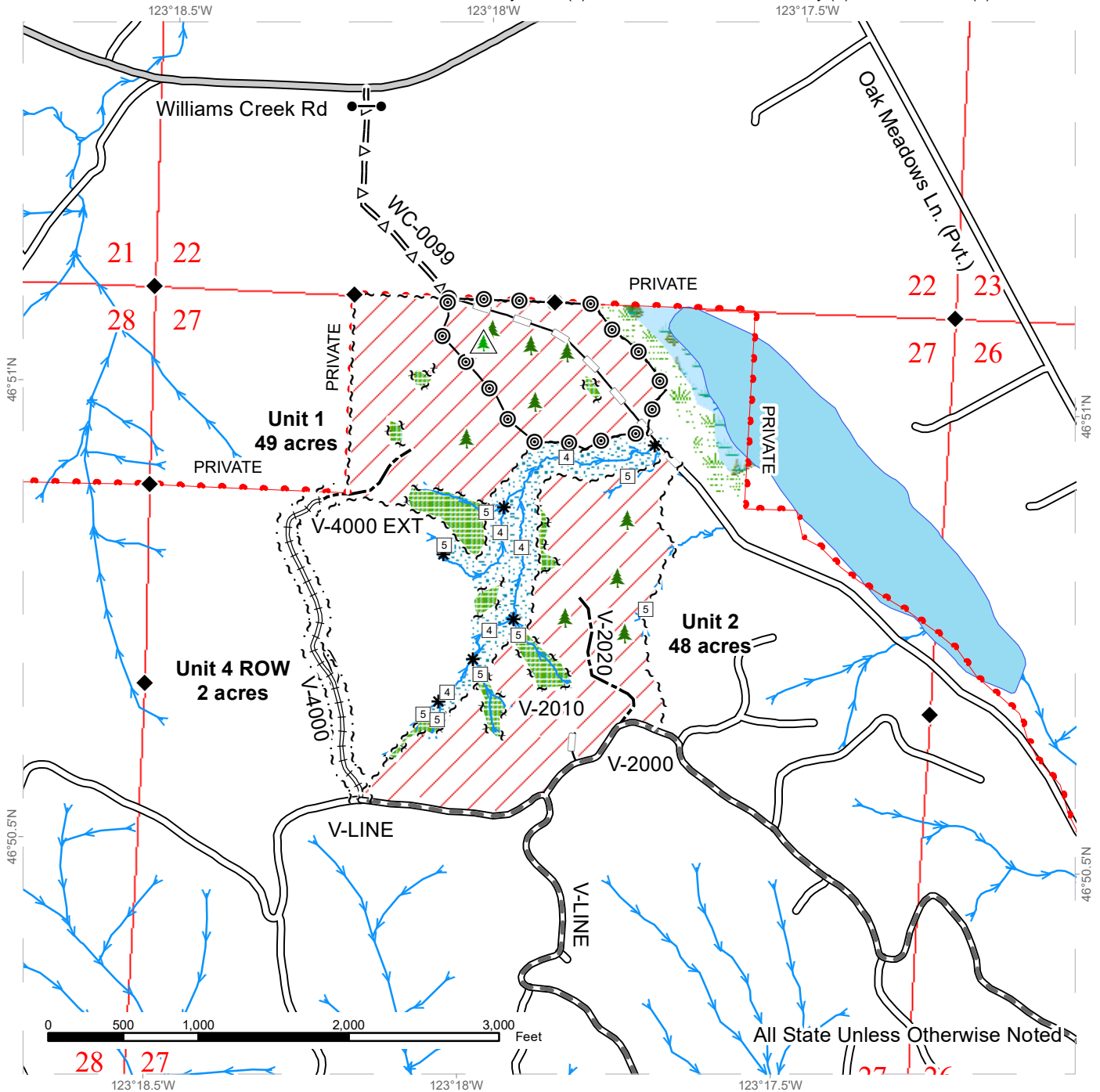
Any bid received assessed by the State to be negative stumpage may not be confirmed.

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 Brady Dier at the Pacific Cascade Region Office at (360)577-2025 or Steve Teitzel at the Product Sales and Leasing Division Office in Olympia at (360)480-3910.

# TIMBER SALE MAP

**SALE NAME:** CEDARVILLE  
**AGREEMENT #:** 30-101652  
**TOWNSHIP(S):** T16R5W  
**TRUST(S):** Charitable/Educational/Penal & Reformatory Instit. (6), Common School and Indemnity (3), Normal School (8)

**REGION:** Pacific Cascade Region  
**COUNTY(S):** Grays Harbor  
**ELEVATION RGE:** 120-520

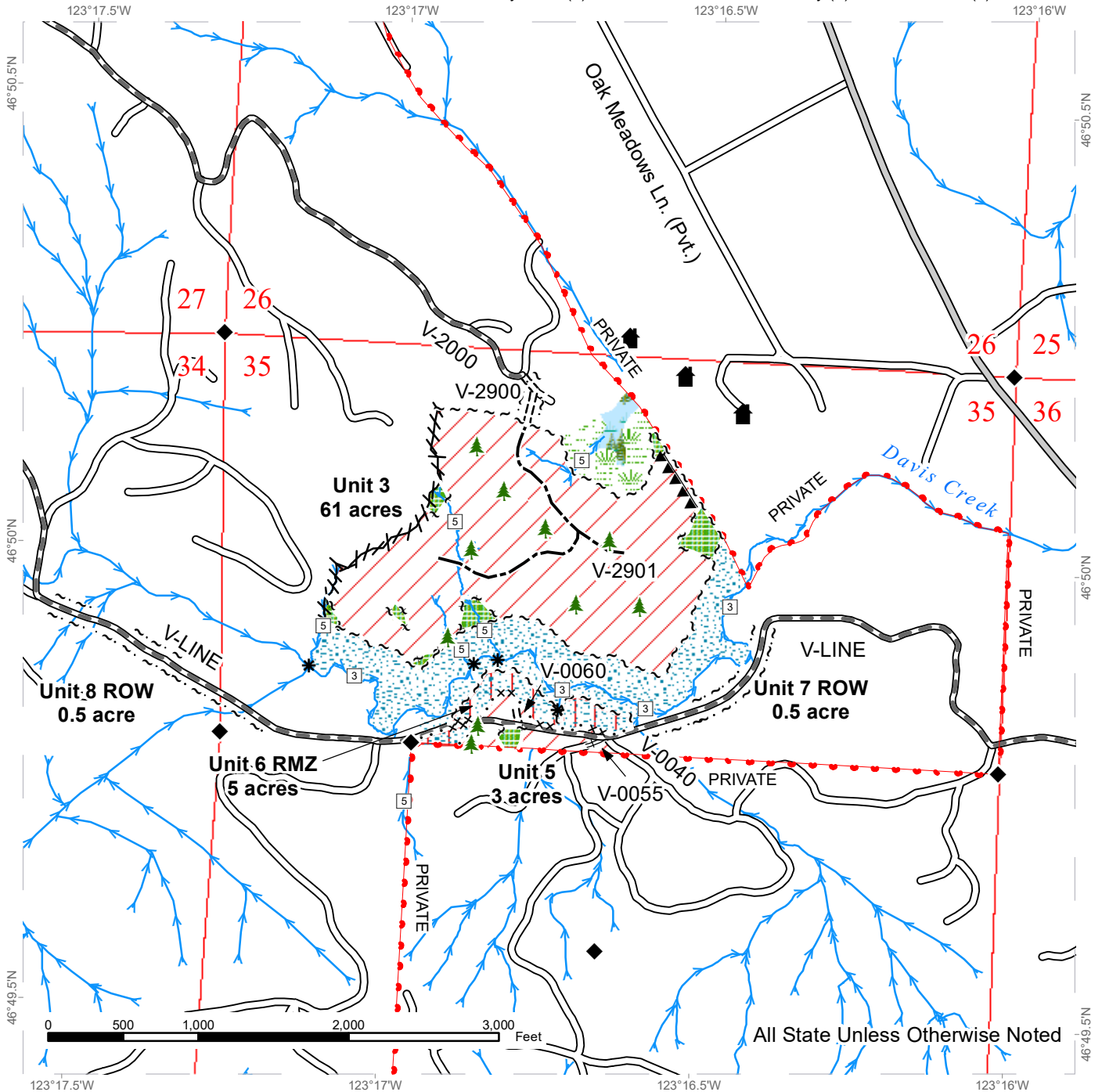


Variable Retention Harvest	County Road	Sale Boundary Tags	Streams
Leave Tree Area	Existing Roads	Leave Tree Tags	Stream Type
Riparian Mgt Zone	Required Pre-Haul Maintenance	Right of Way Tags	Stream Type Break
Forested Wetland	Required Reconstruction	Property Line	Survey Monument
Wetland Mgt Zone	Optional Pre-Haul Maintenance	Gate (PCP 1-1)	Leave Tree Area (LTA)
Clear Slash (See H-141)	Optional Construction	Non-Tradeable LTA	
	Optional Reconstruction		

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All State Unless Otherwise Noted

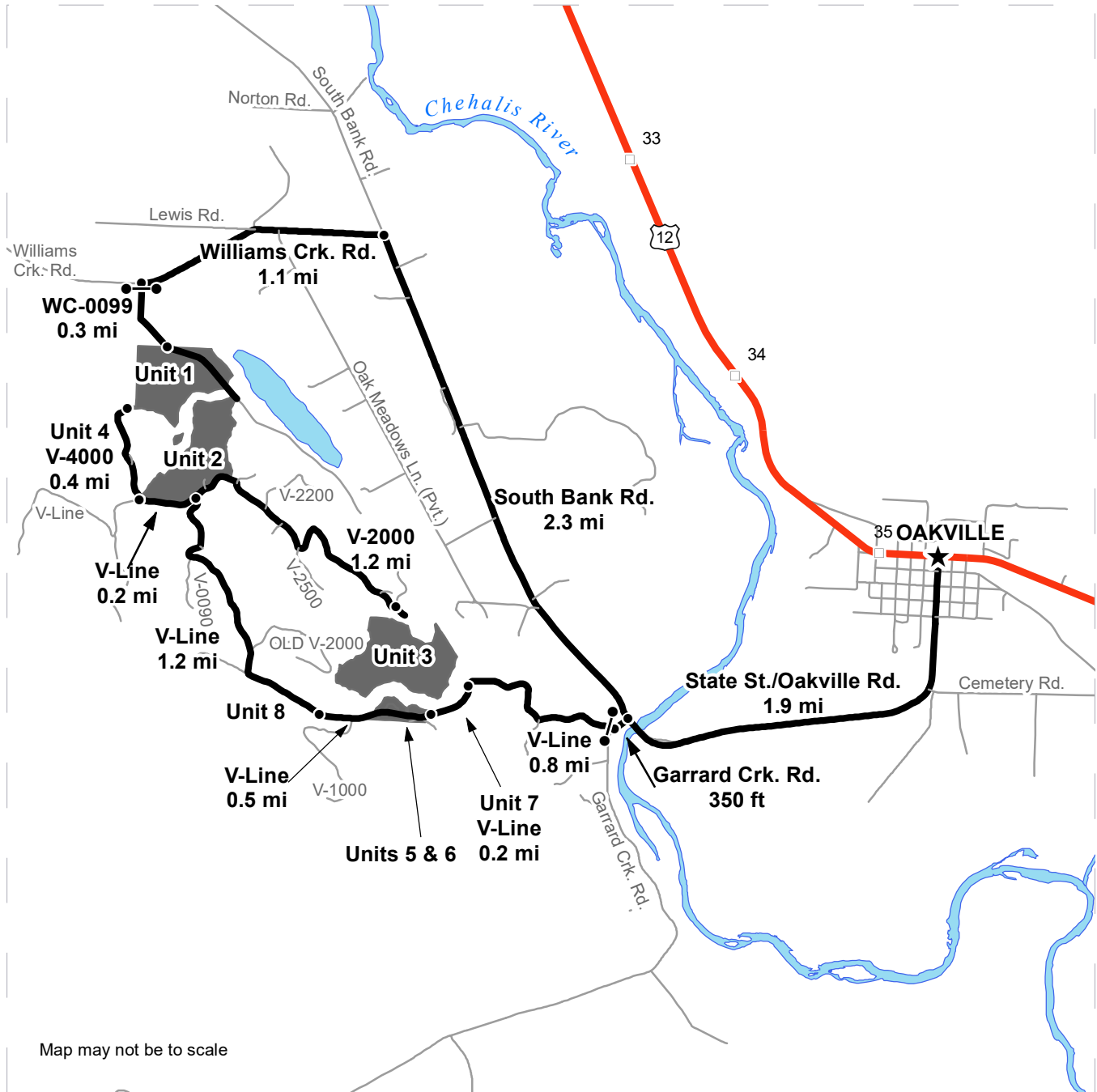
Riparian Restoration	County Road	Sale Boundary Tags	Streams
Variable Retention Harvest	Existing Roads	Special Mgmt Area	Stream Type
Leave Tree Area	Required Pre-Haul Maintenance	Leave Tree Tags	Stream Type Break
Riparian Mgt Zone	Required Construction	Right of Way Tags	Survey Monument
Forested Wetland	Required Reconstruction	Right of Way Tags	Leave Tree Area (LTA)
Wetland Mgt Zone	Optional Construction	Property Line	Structure
Hazard Abatement Area		Flag Line	



# DRIVING MAP

SALE NAME: CEDARVILLE  
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 TRUST(S): Charitable/Educational/Penal & Reformatory Instit. (6), Common School and Indemnity (3), Normal School (8)

REGION: Pacific Cascade Region  
 COUNTY(S): Grays Harbor  
 ELEVATION RGE: 120-520



- Timber Sale Unit
- Haul Route
- Other Road
- Milepost Markers
- Distance Indicator
- Gate (PCP1-1)
- Oakville

**SEE ATTACHED SHEET FOR DRIVING DIRECTIONS**



## **Cedarville Sorts Driving Directions**

From intersection of US-12 and State St. in Oakville, head south on State St./Oakville Rd 1.9 miles to reach the intersection of South Bank and Garrard Crk. Roads

### ***Units 1 & 2 via WC-0099***

From end of Oakville Rd., continue straight for 2.3 miles on South Bank Rd

Turn left onto Williams Crk. Rd and follow 1.1 miles

Turn left onto the WC-0099 and follow 0.3 mile to reach Units 1 and 2.

### ***Units 1-8 via V-Line***

Turn left on Garrard Crk. and follow for 350 feet, taking the first right onto the V-Line.

**Unit 7:** Follow the V-Line for 0.8 miles to reach the beginning of Unit 7 (ROW).

**Units 5 & 6:** Follow the V-line to where Unit 7 ends in 0.2 miles to reach Units 5 and 6.

**Unit 8:** Follow the V-line for an additional 0.5 miles to reach Unit 8 (ROW),

**Unit 2:** Follow the V-Line for 1.2 miles from the beginning of Unit 8 to reach Unit 2

**Units 1 & 4:** From Unit 2, continue on the V-Line for 0.2 miles to reach Unit 4 (ROW) along the V-4000. Turn right and follow the V-4000 for 0.4 mile to reach Unit 1.

**Unit 3:** From Unit 2, turn right onto the V-2000 and follow for 1.2 miles to reach Unit 3

**STATE OF WASHINGTON  
DEPARTMENT OF NATURAL RESOURCES**

**LOG SALE AND PURCHASE CONTRACT**

**AGREEMENT NO. 30-0102486**

**SALE NAME: CEDARVILLE SORT 5**

**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 27, 2023 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 CEDARVILLE SORTS Timber Sale described as parts of Sections 27, and 35 all in Township 16 North, Range 5 West W.M., in Grays Harbor 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>
102486	5	WW 5"-19"	

#### **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>
102486	5	WS

Average Log Length	Preferred Log Lengths
28'	

"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-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 December 15, 2023.

#### **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 Castle Rock, 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/MBF

\$250.00/MBF for incorrect species delivery\*

\$20/mbf for Utility logs (Adjusted Gross).

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-038.2 Average Log Length and Payment Reduction**

If the average log length for all logs delivered under this contract is less than the average log length specified in the table in clause G-024.2, The amount of allowable payment reduction shall be calculated by multiplying the payment rate in P-028.2 by the total volume delivered, and the difference between the average length of logs delivered and the average log length specified in G-024.2, times 1% as follows:

$$\text{Log Length Payment Reduction} = (B \times V \times L) \times (.01)$$

Where:

B = Bid rate from P-028.2 clause

V = total delivered log Volume

L = Length in feet below specified average (rounded to nearest 1/10th)

Average log length payment reductions calculated by the Purchaser must be approved by the State, prior to payment for the final billing period.

Third-party scaling organization information is required to determine Scribner mbf and Average log length for payment reduction purposes. Average log length is determined on a piece count basis. Value of log length price reduction will be derived from the applicable sort value as described in this contract.

Scale information for determining Average log length for 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 below average log lengths shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code.

#### **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 1 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-080 Scaling Rules**

Determination of volume and grade of any forest products shall be conducted by a state approved third party scaling organization and in accordance with the Westside log scaling and grading 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 enroute 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.

SIGNATURES

This agreement may be executed in any number of counterparts (including by electronic mail in portable document format (.pdf), or by facsimile) each of which shall be deemed an original but all of which, when taken together, shall constitute one and the same Agreement binding on all parties.

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

STATE OF WASHINGTON  
DEPARTMENT OF NATURAL RESOURCES

\_\_\_\_\_  
Purchaser

\_\_\_\_\_  
Eric Wisch

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

Pacific Cascade 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 \_\_\_\_\_





## WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES

### FOREST EXCISE TAX ROAD SUMMARY SHEET

**Region:**

**Timber Sale Name:**

**Application Number:**

#### EXCISE TAX APPLICABLE ACTIVITIES

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

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

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

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

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

#### EXCISE TAX EXEMPT ACTIVITIES

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

**Temporary Reconstruction:** linear feet  
*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>Cedarville</b>	Region: <b>Pacific Cascade</b>
Agreement #: <b>30-101652</b>	District: Lewis
Contact Forester: Brady Dier Phone / Location: 360-751-9188 / Chehalis	County(s): Grays Harbor, Choose a county
Alternate Contact: Dave Sund 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>	88%
Harvest System: Uphill Cable <a href="#">Click here to enter text.</a>	12%

### UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #  Harvest R/W or RMZ WMZ	Legal Description (Enter only one legal for each unit) Sec/Twp/Rng	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	S27, T16N R05W	03, 06, 08	63.2	9.1	4.7	0.7	N/A	48.7	GPS (Garmin)
2	S27, T16N R05W	03, 06, 08	61.6	9.5	4.5	0.1	N/A	47.5	GPS (Garmin)
3	S35, T16N R05W	03	92.6	28.2	3.7	0.1	N/A	60.6	GPS (Trimble)
4 ROW	S27, T16N R05W	08	3.4	0	0	1.0	N/A	2.4	Laser/compass
5	S35, T16N R05W	03	4.3	*U6 RMZ	0.4	0.5	N/A	3.4	GPS (Trimble)
6 RMZ	S35, T16N R05W	03	9.6	4.3	0	0.1	N/A	5.2	GPS (Trimble)
7 ROW	S35, T16N R05W	03	1.0	0	0	0.5	N/A	0.5	Laser/compass
8 ROW	S34, T16N R05W	03	1.0	0	0	0.5	N/A	0.5	Laser/compass
<b>TOTAL ACRES</b>			236.7	51.1	13.3	3.5	N/A	168.8	

**HARVEST PLAN AND SPECIAL CONDITIONS:**

Unit #	Harvest Prescription: (Leave, take, paint color, tags, flagging etc.)	Special Management areas:	Other conditions (# leave trees, etc.)
1	Unit 1 is a VRH unit. All unit boundaries are marked with white "Timber Sale Boundary" tags and pink flagging.	None	8 leave trees per acre (clumped & scattered) bounded by yellow "Leave Tree Area" tags with pink flagging; individual leave trees are marked with a single band of blue paint.
2	Unit 2 is a VRH unit. All unit boundaries are marked with white "Timber Sale Boundary" tags and pink flagging, the V-Line, and the V-2000.	None	8 leave trees per acre (clumped & scattered) bounded by yellow "Leave Tree Area" tags with pink flagging; individual leave trees are marked with a single band of blue paint.
3	Unit 3 is a VRH unit. All unit boundaries are marked with white "Timber Sale Boundary" tags and pink flagging.	None	8 leave trees per acre (clumped & scattered) bounded by yellow "Leave Tree Area" tags with pink flagging; individual leave trees are marked with a single band of blue paint.
4 ROW	Unit 4 is a Right-of-Way unit along the V-4000. All unit boundaries are marked with orange "Right of Way Boundary" tags and pink flagging.	None	None
5	Unit 5 is a VRH Unit. Unit boundaries are marked with blue "Special Management Area" tags, pink flagging, and the V-0040.	Unit 6 RMZ	8 leave trees per acre (clumped & scattered) bounded by yellow "Leave Tree Area" tags with pink flagging; individual leave trees are marked with a single band of blue paint.

6 RMZ	Unit 6 is a RMZ thinning unit. Outer edge of the unit is marked with blue "Special Management Area" tags and pink flagging. The Inner No Harvest Zone is marked with white "Timber Sale Boundary" tags and pink Flagging.		All take trees are marked with a single band of orange paint and an orange butt mark. Snags to be felled and left are marked with double bands of orange paint. Take trees for ROW are painted with an orange "X"
7 ROW	Unit 7 is a Right-of-Way unit along the V-Line. All unit boundaries are marked with orange "Right of Way Boundary" tags and pink flagging.	None	None
8 ROW	Unit 8 is a Right-of-Way unit along the V-Line. All unit boundaries are marked with orange "Right of Way Boundary" tags and pink flagging.	None	None

**OTHER PRE-CRUISE INFORMATION:**

Unit #	Primary,secondary Species / Estimated Volume (MBF)	Access information (Gates, locks, etc.)	Photos, traverse maps required
1	DF, RC / 2511 MBF	V-Line gate: PCP 1-1.	See "Logging Plan Maps"
2	DF, RC / 1652 MBF	V-Line gate: PCP 1-1. Old skid trail near east edge of unit provides convenient access to lower portions of Units 1 and 2	See "Logging Plan Maps"
3	DF, RC / 2842 MBF	V-Line gate: PCP 1-1	See "Logging Plan Maps"
4 ROW	DF, RA / 24 MBF	V-Line gate: PCP 1-1	Approx. 2300 ft. in length
5	DF, RA / 74 MBF	V-Line gate: PCP 1-1	See "Logging Plan Maps"
6 RMZ	DF / 31 MBF	V-Line gate: PCP 1-1	See "Logging Plan Maps"
7 ROW	DF / 10 MBF	V-Line gate: PCP 1-1	Approx. 1000 ft. in length
8 ROW	DF / 23 MBF	V-Line gate: PCP 1-1	Approx. 1600 ft. in length
TOTAL MBF	7166 MBF	V-Line gate: PCP 1-1	

**REMARKS:**

Units 1 and 3 have potential for cedar poles. Units 2 and 3 each have areas of hardwoods. Unit 2 has two distinct age classes of Douglas-fir.
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<b>Prepared By: Brady Dier</b>	<b>Title: State Lands Forester</b>	<b>CC:</b>
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<b>Date: 7/22/20</b>		
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## Timber Sale Cruise Report CEDARVILLE SORTS

**Sale Name:** CEDARVILLE SORTS

**Sale Type:** SORT

**Region:** PACIFIC CASC

**District:** LEWIS

**Lead Cruiser:** Blake Warnstadt

**Other Cruisers:** DPC, KJB, DR and Phil

**Cruise Narrative:**

Location: Cedarville Timber Sale is located in the Lower Chehalis block. The upper side of the sale is accessed from the V-Line, the bottom end is accessed off Williams Creek county road.

Cruise Design: All units were cruised sight at 16' using a 46.94 BAF for DF and a 27.78 BAF for all other species ( unit 1 RC cruised with 46.94 ). Conifer logs were scaled preferring 40' lengths. Hardwood logs were scaled in 30' lengths. Unit 4 ROW is 25 year old DF and RA and was cruised using a 20 BAF at DBH.

Stand Conditions: All units are approximately 80 years old. Timber type is a mosaic of hardwoods and conifers. Stocking is highly variable. There are a few edges that include a younger age class. There are a few root disease mortality pockets with blowdown and heavy brush. Fomes pini conks observed in 2 trees. There is a limited amount of storm damaged green trees.

Timber Quality: There is a lot of nice RC. Approximately 229 MBF is pole quality. The DF is straight but has a lot of knots. Very little is above B quality. The RA is average saw log quality. Some of the MA is saw log quality. WH is present in trace amounts.

Logging: Approximately 87% of sale can be machine harvested, the rest will require a cable system.

### Timber Sale Notice Volume (MBF)

Sp	DBH	Rings/In	Age	MBF Volume by Grade							
				All	Peeler	Spec Mill	1 Saw	2 Saw	3 Saw	4 Saw	Utility
DF	25.4	8.7		4,070	22	197		3,150	595	101	6
RC	21.4			1,459					1,349	110	
RA	14.3			807				270	140	307	91
MA	18.4			577			5	303	98	98	74
WH	23.1			95		8		59	15	2	10
GF	30.7			82				76	5	1	1
BC	28.4			76			73	1			2
ALL	19.9	8.7		7,166	22	205	78	3,859	2,201	618	183

**Timber Sale Notice Weight (tons)**

Sp	Tons by Grade							
	All	Peeler	Spec Mill	1 Saw	2 Saw	3 Saw	4 Saw	Utility
DF	26,062	124	1,171		18,911	4,888	922	46
RC	11,048					9,999	1,050	
RA	6,380				1,900	1,027	2,784	668
MA	4,549			20	2,116	749	1,129	536
WH	764		56		472	129	21	86
GF	448				404	36	4	4
BC	426			398	13			15
ALL	49,678	124	1,227	418	23,816	16,827	5,909	1,356

**Timber Sale Overall Cruise Statistics (Cut + Leave Trees)**

BA (sq ft/acre)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR SE (%)	Net Vol (bf/acre)	Vol SE (%)
266.9	3.6	160.3	1.9	43,178	4.2

**Timber Sale Unit Cruise Design**

Unit	Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
CEDARVILLE U1	B2C: VR, 2 BAF (46.94, 27.78 for some species) Measure/Count Plots, Sighting Ht = 16 ft	48.7	54.1	51	27	1
CEDARVILLE U2	B2C: VR, 2 BAF (46.94, 27.78 for some species) Measure/Count Plots, Sighting Ht = 16 ft	47.5	52.1	46	25	2
CEDARVILLE U3	B2C: VR, 2 BAF (46.94, 27.78 for some species) Measure/Count Plots, Sighting Ht = 16 ft	60.6	64.4	62	33	0
CEDARVILLE U4 ROW	B1: VR, 1 BAF (20) Measure All, Sighting Ht = 4.5 ft	2.4	3.4	4	4	0
CEDARVILLE U5	B1: VR, 1 BAF (33.61) Measure All, Sighting Ht = 4.5 ft	3.4	3.8	5	5	0
CEDARVILLE U6 RMZ	FX: FR plots (20 tree / acre expansion)	5.2	5.2	6	6	0
CEDARVILLE U7 ROW	ST: Strip/Percent Sample (1 tree expansion)	0.5	1.0	1	1	0
CEDARVILLE U8 ROW	ST: Strip/Percent Sample (1 tree expansion)	0.5	1.1	1	1	0
All		168.8	185.0	176	102	3

## Timber Sale Log Grade x Sort Summary

Sp	Status	Grade	Sort	Dia	Len	BF Gross	BF Net	Defect %	Tons	MBF Net
BC	LIVE	1 SAW	Domestic	16.9	38	433	431	0.4	398.1	72.8
BC	LIVE	2 SAW	Domestic	8.2	23	8	8	8.3	13.0	1.3
BC	LIVE	CULL	Cull	9.7	13	4	0	100.0	0.0	0.0
BC	LIVE	UTILITY	Pulp	9.2	24	11	11	0.0	15.3	1.9
DF	LIVE	2 SAW	Domestic	18.1	40	11,045	10,772	2.5	10,753.8	1,818.3
DF	LIVE	2 SAW	HQ-A	14.8	40	77	77	0.0	94.9	13.0
DF	LIVE	2 SAW	HQ-B	18.3	40	7,940	7,813	1.6	8,062.4	1,318.8
DF	LIVE	3 PEELER	HQ-A	24.9	36	128	128	0.0	124.4	21.5
DF	LIVE	3 SAW	Domestic	9.2	38	3,104	3,052	1.7	4,306.0	515.2
DF	LIVE	3 SAW	HQ-B	10.1	40	478	472	1.2	581.6	79.8
DF	LIVE	4 SAW	Domestic	5.7	26	605	599	0.9	921.9	101.1
DF	LIVE	CULL	Cull	8.6	4	61	0	100.0	0.0	0.0
DF	LIVE	SPECIAL MILL	HQ-A	20.7	40	1,172	1,165	0.5	1,171.2	196.7
DF	LIVE	UTILITY	Pulp	9.0	15	41	36	12.4	46.1	6.1
GF	LIVE	2 SAW	Domestic	19.4	39	451	450	0.2	403.9	75.9
GF	LIVE	3 SAW	Domestic	10.5	40	29	29	0.0	35.7	4.9
GF	LIVE	4 SAW	Domestic	7.8	16	3	3	0.0	3.8	0.5
GF	LIVE	CULL	Cull	9.6	6	1	0	100.0	0.0	0.0
GF	LIVE	UTILITY	Pulp	11.5	16	4	4	0.0	4.4	0.6
MA	LIVE	1 SAW	Domestic	22.4	20	32	32	0.0	19.6	5.4
MA	LIVE	2 SAW	Domestic	15.0	30	1,959	1,793	8.5	2,116.1	302.6
MA	LIVE	3 SAW	Domestic	11.0	30	617	578	6.3	749.1	97.6
MA	LIVE	4 SAW	Domestic	6.9	31	639	577	9.7	1,128.7	97.4
MA	LIVE	CULL	Cull	6.4	14	161	0	100.0	0.0	0.0
MA	LIVE	UTILITY	Pulp	9.0	26	440	436	1.0	535.7	73.5
RA	LIVE	2 SAW	Domestic	13.4	30	1,694	1,598	5.6	1,900.2	269.7
RA	LIVE	3 SAW	Domestic	11.1	31	875	827	5.4	1,027.3	139.6
RA	LIVE	4 SAW	Domestic	7.3	31	1,892	1,820	3.8	2,784.4	307.3
RA	LIVE	CULL	Cull	7.3	8	145	0	100.0	0.0	0.0
RA	LIVE	UTILITY	Pulp	5.7	22	587	536	8.6	668.3	90.5
RC	LIVE	3 SAW	Domestic	11.9	38	8,313	7,991	3.9	9,998.7	1,348.9
RC	LIVE	4 SAW	Domestic	5.5	26	662	650	1.8	1,049.5	109.8
RC	LIVE	CULL	Cull	9.4	6	266	0	100.0	0.0	0.0
WH	LIVE	2 SAW	Domestic	15.0	39	370	352	4.8	472.2	59.4
WH	LIVE	3 SAW	Domestic	9.3	37	97	91	6.0	128.7	15.4
WH	LIVE	4 SAW	Domestic	7.0	22	11	11	0.0	21.0	1.9
WH	LIVE	CULL	Cull	12.1	1	0	0	100.0	0.0	0.0



Sp	Status	Grade	Sort	Dia	Len	BF Gross	BF Net	Defect %	Tons	MBF Net
WH	LIVE	SPECIAL MILL	Domestic	17.9	36	47	47	0.0	55.6	8.0
WH	LIVE	UTILITY	Pulp	13.0	25	70	62	11.8	86.1	10.4

### Timber Sale Log Sort x Diameter Bin Summary

Sp	Bin	Status	Sort	Dia	Len	BF Net	Defect %	Tons	MBF Net
BC	8 - 11	LIVE	Domestic	8.2	23	8	8.3	13.0	1.3
BC	8 - 11	LIVE	Pulp	9.2	24	11	0.0	15.3	1.9
BC	8 - 11	LIVE	Cull	9.7	13	0	100.0	0.0	0.0
BC	12 - 15	LIVE	Domestic	12.8	37	77	0.5	82.8	13.0
BC	16 - 19	LIVE	Domestic	18.4	38	240	0.6	219.7	40.5
BC	20+	LIVE	Domestic	24.6	40	114	0.0	95.6	19.3
DF	5 - 7	LIVE	Pulp	5.4	14	17	6.1	22.6	2.9
DF	5 - 7	LIVE	Cull	5.7	4	0	100.0	0.0	0.0
DF	5 - 7	LIVE	Domestic	5.8	32	1,187	0.8	1,785.9	200.4
DF	8 - 11	LIVE	Cull	9.8	4	0	100.0	0.0	0.0
DF	8 - 11	LIVE	Domestic	9.8	37	2,464	1.9	3,441.9	415.9
DF	8 - 11	LIVE	HQ-B	10.1	40	472	1.2	581.6	79.8
DF	8 - 11	LIVE	Pulp	10.4	14	19	17.4	23.5	3.2
DF	12 - 15	LIVE	Cull	12.7	8	0	100.0	0.0	0.0
DF	12 - 15	LIVE	Domestic	13.8	39	2,090	2.0	2,441.3	352.9
DF	12 - 15	LIVE	HQ-B	14.1	40	1,332	1.3	1,576.8	224.8
DF	12 - 15	LIVE	HQ-A	14.8	40	77	0.0	94.9	13.0
DF	16 - 19	LIVE	Domestic	17.8	40	2,998	1.5	2,884.5	506.1
DF	16 - 19	LIVE	HQ-A	17.9	40	456	1.3	496.8	76.9
DF	16 - 19	LIVE	HQ-B	18.2	40	2,414	1.7	2,543.4	407.5
DF	20+	LIVE	HQ-B	23.2	40	4,067	1.6	3,942.2	686.4
DF	20+	LIVE	Domestic	23.5	40	5,683	3.1	5,428.0	959.3
DF	20+	LIVE	HQ-A	24.6	39	837	0.0	798.9	141.4
GF	5 - 7	LIVE	Domestic	7.8	16	3	0.0	3.8	0.5
GF	8 - 11	LIVE	Cull	9.6	6	0	100.0	0.0	0.0
GF	8 - 11	LIVE	Domestic	10.4	40	29	0.0	35.7	4.9
GF	8 - 11	LIVE	Pulp	11.5	16	4	0.0	4.4	0.6
GF	12 - 15	LIVE	Domestic	14.5	38	58	1.5	60.6	9.9
GF	16 - 19	LIVE	Domestic	17.9	40	111	0.0	103.6	18.8
GF	20+	LIVE	Domestic	24.6	40	280	0.0	239.6	47.3
MA	5 - 7	LIVE	Cull	5.5	15	0	100.0	0.0	0.0
MA	5 - 7	LIVE	Pulp	5.7	27	75	0.0	142.2	12.7

Sp	Bin	Status	Sort	Dia	Len	BF Net	Defect %	Tons	MBF Net
MA	5 - 7	LIVE	Domestic	6.1	32	336	9.8	689.1	56.6
MA	8 - 11	LIVE	Cull	9.1	29	0	100.0	0.0	0.0
MA	8 - 11	LIVE	Domestic	10.0	31	796	7.5	1,162.9	134.3
MA	8 - 11	LIVE	Pulp	10.0	24	130	0.0	162.1	21.9
MA	12 - 15	LIVE	Pulp	12.5	31	52	7.8	58.8	8.8
MA	12 - 15	LIVE	Domestic	13.9	30	1,145	6.3	1,400.1	193.2
MA	12 - 15	LIVE	Cull	14.4	9	0	100.0	0.0	0.0
MA	16 - 19	LIVE	Domestic	17.0	30	398	9.4	455.5	67.1
MA	16 - 19	LIVE	Pulp	17.3	14	22	0.0	23.4	3.6
MA	20+	LIVE	Pulp	21.1	25	156	0.0	149.2	26.4
MA	20+	LIVE	Domestic	22.4	28	307	13.8	306.0	51.8
RA	5 - 7	LIVE	Pulp	5.2	23	444	8.2	559.8	74.9
RA	5 - 7	LIVE	Cull	5.3	9	0	100.0	0.0	0.0
RA	5 - 7	LIVE	Domestic	6.1	31	963	3.3	1,467.2	162.5
RA	8 - 11	LIVE	Domestic	9.8	31	1,597	4.8	2,251.8	269.6
RA	8 - 11	LIVE	Pulp	11.2	12	21	0.0	31.9	3.5
RA	12 - 15	LIVE	Domestic	13.1	30	1,429	4.9	1,697.1	241.2
RA	12 - 15	LIVE	Cull	13.2	7	0	100.0	0.0	0.0
RA	12 - 15	LIVE	Pulp	14.7	17	72	13.2	76.6	12.2
RA	16 - 19	LIVE	Domestic	17.0	30	256	9.5	295.7	43.3
RA	16 - 19	LIVE	Cull	17.6	8	0	100.0	0.0	0.0
RC	5 - 7	LIVE	Cull	5.6	6	0	100.0	0.0	0.0
RC	5 - 7	LIVE	Domestic	5.8	29	1,024	2.6	1,681.0	172.9
RC	8 - 11	LIVE	Cull	8.8	4	0	100.0	0.0	0.0
RC	8 - 11	LIVE	Domestic	9.6	36	1,697	1.2	2,464.4	286.5
RC	12 - 15	LIVE	Cull	13.8	7	0	100.0	0.0	0.0
RC	12 - 15	LIVE	Domestic	14.1	38	1,623	3.1	2,057.8	273.9
RC	16 - 19	LIVE	Domestic	17.8	39	2,237	3.8	2,579.9	377.7
RC	16 - 19	LIVE	Cull	18.0	7	0	100.0	0.0	0.0
RC	20+	LIVE	Domestic	23.3	39	2,060	6.5	2,265.1	347.8
RC	20+	LIVE	Cull	29.7	4	0	100.0	0.0	0.0
WH	5 - 7	LIVE	Domestic	7.0	25	17	0.0	30.7	2.8
WH	5 - 7	LIVE	Pulp	7.3	12	2	0.0	3.6	0.4
WH	8 - 11	LIVE	Domestic	9.7	38	86	6.3	119.1	14.5
WH	12 - 15	LIVE	Cull	12.1	1	0	100.0	0.0	0.0
WH	12 - 15	LIVE	Domestic	13.6	39	194	3.4	299.4	32.7
WH	12 - 15	LIVE	Pulp	15.9	40	47	0.0	58.9	8.0
WH	16 - 19	LIVE	Pulp	17.5	22	12	40.2	23.6	2.1

Sp	Bin	Status	Sort	Dia	Len	BF Net	Defect %	Tons	MBF Net
WH	16 - 19	LIVE	Domestic	17.9	36	47	0.0	55.6	8.0
WH	20+	LIVE	Domestic	24.6	40	158	6.4	172.8	26.7

## Cruise Unit Report CEDARVILLE U1

### Unit Sale Notice Volume (MBF): CEDARVILLE U1

Sp	DBH	Rings/In	Age	MBF Volume by Grade						
				All	Spec Mill	1 Saw	2 Saw	3 Saw	4 Saw	Utility
DF	27.7	8.7		1,126	18		970	124	11	2
RC	23.7			784				755	29	
MA	17.8			312			134	78	48	52
RA	14.0			107			42	16	31	18
BC	28.4			76		73	1			2
WH	23.1			64			52	11	1	
GF	29.1			41			38	3	1	
ALL	21.7	8.7		2,511	18	73	1,238	986	121	75

### Unit Cruise Design: CEDARVILLE U1

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
B2C: VR, 2 BAF (46.94, 27.78 for some species) Measure/Count Plots, Sighting Ht = 16 ft	48.7	54.1	51	27	1

### Unit Cruise Summary: CEDARVILLE U1

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	39	69	1.4	3
RC	41	75	1.5	0
MA	48	74	1.5	0
RA	11	24	0.5	0
BC	6	10	0.2	0
WH	3	5	0.1	0
GF	2	2	0.0	0
ALL	150	259	5.1	3

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U1

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	88.9	124.8	17.5	260.0	18.3	2.9	23,125	126.1	17.7
RC	116.3	158.7	22.2	138.3	30.2	4.7	16,092	161.6	22.7
MA	61.8	131.4	18.4	103.8	27.1	3.9	6,414	134.2	18.8

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
RA	18.5	230.4	32.3	118.8	34.5	10.4	2,202	233.0	33.9
BC	7.6	306.5	42.9	206.2	18.1	7.4	1,561	307.1	43.6
WH	6.7	422.0	59.1	196.8	29.9	17.3	1,315	423.1	61.6
GF	2.4	501.1	70.2	346.0	10.7	7.6	845	501.2	70.6
ALL	302.3	53.6	7.5	170.6	45.3	3.7	51,553	70.2	8.4

### Unit Summary: CEDARVILLE U1

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
BC	LIVE	CUT	6	ALL	28.4	99	123	1,584	1,561	1.4	1.7	7.6	1.4	76.0
DF	LIVE	CUT	39	ALL	27.7	121	156	23,578	23,125	1.9	21.3	88.9	16.9	1,126.2
GF	LIVE	CUT	2	ALL	29.1	143	187	848	845	0.4	0.5	2.4	0.5	41.1
MA	LIVE	CUT	48	ALL	17.8	62	77	7,343	6,414	12.7	35.7	61.8	14.6	312.3
RA	LIVE	CUT	11	ALL	14.0	63	80	2,333	2,202	5.6	17.3	18.5	5.0	107.2
RC	LIVE	CUT	35	ALL	24.1	75	95	14,174	13,295	6.2	30.3	96.1	19.6	647.5
RC	LIVE	POLE	6	ALL	22.2	80	102	2,982	2,797	6.2	7.5	20.2	4.3	136.2
WH	LIVE	CUT	3	ALL	23.1	92	131	1,398	1,315	5.9	2.3	6.7	1.4	64.0
ALL	LIVE	POLE	6	ALL	22.2	80	102	2,982	2,797	6.2	7.5	20.2	4.3	136.2
ALL	LIVE	CUT	144	ALL	21.8	79	100	51,259	48,756	4.9	109.1	282.0	59.3	2,374.4
ALL	ALL	ALL	150	ALL	21.8	79	100	54,240	51,553	5.0	116.6	302.3	63.6	2,510.6

## Cruise Unit Report CEDARVILLE U2

### Unit Sale Notice Volume (MBF): CEDARVILLE U2

Sp	DBH	Rings/In	Age	MBF Volume by Grade						
				All	Spec Mill	1 Saw	2 Saw	3 Saw	4 Saw	Utility
DF	21.7			973	67		699	175	31	1
RA	13.4			385			132	47	158	49
MA	19.1			200		5	129	8	36	21
RC	25.0			72				68	4	
GF	34.0			23			22			1
ALL	18.0			1,652	67	5	982	298	229	71

### Unit Cruise Design: CEDARVILLE U2

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
B2C: VR, 2 BAF (46.94, 27.78 for some species) Measure/Count Plots, Sighting Ht = 16 ft	47.5	52.1	46	25	2

### Unit Cruise Summary: CEDARVILLE U2

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	40	67	1.5	0
RA	41	82	1.8	0
MA	30	45	1.0	0
RC	10	15	0.3	0
GF	1	1	0.0	0
ALL	122	210	4.6	0

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U2

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	95.8	123.5	18.2	213.6	30.6	4.8	20,478	127.2	18.8
RA	66.9	102.6	15.1	120.9	22.6	3.5	8,096	105.1	15.5
MA	38.6	136.4	20.1	109.1	40.5	7.4	4,210	142.3	21.4
RC	16.3	261.4	38.5	92.1	43.1	13.6	1,505	264.9	40.9
GF	1.3	678.2	100.0	385.7	0.0	0.0	486	678.2	100.0
ALL	219.0	48.8	7.2	158.8	44.4	4.0	34,775	65.9	8.2

**Unit Summary: CEDARVILLE U2**

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
DF	LIVE	CUT	40	ALL	21.7	92	117	20,680	20,478	1.0	37.3	95.8	20.6	972.7
GF	LIVE	CUT	1	ALL	34.0	140	182	486	486	0.0	0.2	1.3	0.2	23.1
MA	LIVE	CUT	30	ALL	19.1	57	78	4,611	4,210	8.7	19.4	38.6	8.8	200.0
RA	LIVE	CUT	41	ALL	13.4	61	80	8,644	8,096	6.3	68.4	66.9	18.3	384.6
RC	LIVE	CUT	10	ALL	25.0	67	84	1,748	1,505	13.9	4.8	16.3	3.3	71.5
ALL	LIVE	CUT	122	ALL	17.6	70	91	36,170	34,775	3.9	130.1	219.0	51.2	1,651.8
ALL	ALL	ALL	122	ALL	17.6	70	91	36,170	34,775	3.9	130.1	219.0	51.2	1,651.8

## Cruise Unit Report CEDARVILLE U3

### Unit Sale Notice Volume (MBF): CEDARVILLE U3

Sp	DBH	Rings/In	Age	MBF Volume by Grade						
				All	Peeler	Spec Mill	2 Saw	3 Saw	4 Saw	Utility
DF	27.0			1,816	22	111	1,460	195	27	1
RC	18.0			604				527	77	
RA	15.7			310			96	77	114	24
MA	18.9			64			39	12	13	
WH	23.0			31		8	8	4	1	10
GF	30.0			18			16	2		
ALL	19.7			2,842	22	119	1,618	817	231	35

### Unit Cruise Design: CEDARVILLE U3

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
B2C: VR, 2 BAF (46.94, 27.78 for some species) Measure/Count Plots, Sighting Ht = 16 ft	60.6	64.4	62	33	0

### Unit Cruise Summary: CEDARVILLE U3

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	51	127	2.0	0
RC	69	134	2.2	0
RA	40	65	1.0	0
MA	10	15	0.2	0
WH	3	3	0.0	0
GF	1	1	0.0	0
ALL	174	345	5.6	0

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U3

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	134.0	93.2	11.8	223.5	20.2	2.8	29,963	95.4	12.2
RC	101.0	81.8	10.4	98.6	40.0	4.8	9,960	91.0	11.4
RA	42.2	131.4	16.7	121.3	24.9	3.9	5,117	133.7	17.1
MA	9.8	307.3	39.0	108.2	26.3	8.3	1,057	308.4	39.9
WH	2.6	454.8	57.8	195.5	15.2	8.8	514	455.1	58.4



Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
GF	1.0	787.4	100.0	280.0	0.0	0.0	293	787.4	100.0
ALL	290.7	42.8	5.4	161.4	41.5	3.1	46,904	59.6	6.3

**Unit Summary: CEDARVILLE U3**

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
DF	LIVE	CUT	51	ALL	27.0	103	132	30,840	29,963	2.8	33.7	134.0	25.8	1,815.7
GF	LIVE	CUT	1	ALL	30.0	130	169	296	293	0.9	0.2	1.0	0.2	17.8
MA	LIVE	CUT	10	ALL	18.9	65	81	1,203	1,057	12.1	5.0	9.8	2.2	64.1
RA	LIVE	CUT	40	ALL	15.7	73	90	5,724	5,117	10.6	31.4	42.2	10.6	310.1
RC	LIVE	CUT	58	ALL	17.6	56	72	8,968	8,438	5.9	50.7	85.6	20.4	511.3
RC	LIVE	POLE	11	ALL	21.4	72	91	1,617	1,522	5.9	6.2	15.4	3.3	92.2
WH	LIVE	CUT	3	ALL	23.0	99	126	537	514	4.3	0.9	2.6	0.5	31.1
ALL	LIVE	CUT	163	ALL	20.3	74	94	47,568	45,382	4.6	121.9	275.2	59.8	2,750.2
ALL	LIVE	POLE	11	ALL	21.4	72	91	1,617	1,522	5.9	6.2	15.4	3.3	92.2
ALL	ALL	ALL	174	ALL	20.4	74	94	49,185	46,904	4.6	128.1	290.7	63.2	2,842.4

## Cruise Unit Report CEDARVILLE U4 ROW

### Unit Sale Notice Volume (MBF): CEDARVILLE U4 ROW

Sp	DBH	Rings/In	Age	MBF Volume by Grade			
				All	3 Saw	4 Saw	Utility
DF	11.3			19	12	7	1
RA	8.5			5		5	
ALL	10.6			24	12	11	1

### Unit Cruise Design: CEDARVILLE U4 ROW

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
B1: VR, 1 BAF (20) Measure All, Sighting Ht = 4.5 ft	2.4	3.4	4	4	0

### Unit Cruise Summary: CEDARVILLE U4 ROW

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	18	18	4.5	0
RA	4	4	1.0	0
ALL	22	22	5.5	0

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U4 ROW

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	90.0	42.6	21.3	90.0	12.7	3.0	8,099	44.4	21.5
RA	20.0	141.4	70.7	94.7	4.3	2.1	1,893	141.5	70.7
ALL	110.0	10.5	5.2	90.8	11.7	2.5	9,992	15.7	5.8

### Unit Summary: CEDARVILLE U4 ROW

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
DF	LIVE	CUT	18	ALL	11.3	55	69	8,327	8,099	2.7	129.2	90.0	26.8	19.4
RA	LIVE	CUT	4	ALL	8.5	52	63	1,907	1,893	0.8	50.8	20.0	6.9	4.5
ALL	LIVE	CUT	22	ALL	10.6	54	67	10,234	9,992	2.4	180.0	110.0	33.6	24.0
ALL	ALL	ALL	22	ALL	10.6	54	67	10,234	9,992	2.4	180.0	110.0	33.6	24.0

## Cruise Unit Report CEDARVILLE U5

### Unit Sale Notice Volume (MBF): CEDARVILLE U5

Sp	DBH	Rings/In	Age	MBF Volume by Grade				
				All	2 Saw	3 Saw	4 Saw	Utility
DF	14.9			74	9	51	12	1
ALL	14.9			74	9	51	12	1

### Unit Cruise Design: CEDARVILLE U5

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
B1: VR, 1 BAF (33.61) Measure All, Sighting Ht = 4.5 ft	3.4	3.8	5	5	0

### Unit Cruise Summary: CEDARVILLE U5

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	24	25	5.0	0
ALL	24	25	5.0	0

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U5

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	168.1	24.5	11.0	129.2	13.3	2.7	21,707	27.9	11.3
ALL	168.1	24.5	11.0	129.2	13.3	2.7	21,707	27.9	11.3

### Unit Summary: CEDARVILLE U5

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
DF	LIVE	CUT	24	ALL	14.9	77	97	22,693	21,707	4.3	138.8	168.1	43.5	73.8
ALL	LIVE	CUT	24	ALL	14.9	77	97	22,693	21,707	4.3	138.8	168.1	43.5	73.8
ALL	ALL	ALL	24	ALL	14.9	77	97	22,693	21,707	4.3	138.8	168.1	43.5	73.8

## Cruise Unit Report CEDARVILLE U6 RMZ

### Unit Sale Notice Volume (MBF): CEDARVILLE U6 RMZ

Sp	DBH	Rings/In	Age	MBF Volume by Grade		
				All	3 Saw	4 Saw
DF	12.1			31	21	10
ALL	12.1			31	21	10

### Unit Cruise Design: CEDARVILLE U6 RMZ

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
FX: FR plots (20 tree / acre expansion)	5.2	5.2	6	6	0

### Unit Cruise Summary: CEDARVILLE U6 RMZ

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	16	55	9.2	0
ALL	16	55	9.2	0

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U6 RMZ

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	233.4	9.3	3.8	126.0	9.7	2.4	29,412	13.5	4.5
ALL	233.4	9.3	3.8	126.0	9.7	2.4	29,412	13.5	4.5

### Unit Summary: CEDARVILLE U6 RMZ

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
DF	LIVE	CUT	16	ALL	11.6	64	98	6,037	5,905	2.2	63.8	46.9	13.8	30.7
DF	LIVE	LEA	0	ALL	16.9			24,035	23,507	2.2	119.7	186.5	45.4	122.2
ALL	LIVE	LEA	0	ALL	16.9			24,035	23,507	2.2	119.7	186.5	45.4	122.2
ALL	LIVE	CUT	16	ALL	11.6	64	98	6,037	5,905	2.2	63.8	46.9	13.8	30.7
ALL	ALL	ALL	16	ALL	15.3	64	98	30,073	29,412	2.2	183.5	233.4	59.1	152.9

## Cruise Unit Report CEDARVILLE U7 ROW

### Unit Sale Notice Volume (MBF): CEDARVILLE U7 ROW

Sp	DBH	Rings/In	Age	MBF Volume by Grade				
				All	2 Saw	3 Saw	4 Saw	Utility
DF	16.5			10	3	6	1	0
MA	9.5			0			0	0
ALL	16.2			10	3	6	2	0

### Unit Cruise Design: CEDARVILLE U7 ROW

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
ST: Strip/Percent Sample (1 tree expansion)	0.5	1.0	1	1	0

### Unit Cruise Summary: CEDARVILLE U7 ROW

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	10	62	62.0	0
MA	2	4	4.0	0
ALL	12	66	66.0	0

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U7 ROW

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	184.8	0.0	0.0	110.7	13.9	4.4	20,452	13.9	4.4
MA	3.9	0.0	0.0	64.0	17.2	12.2	252	17.2	12.2
ALL	188.7	0.0	0.0	109.7	20.2	5.8	20,704	20.2	5.8

### Unit Summary: CEDARVILLE U7 ROW

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
DF	LIVE	CUT	10	ALL	16.5	68	90	20,864	20,452	2.0	124.4	184.8	45.5	10.2
MA	LIVE	CUT	2	ALL	9.5	32	49	260	252	3.1	8.0	3.9	1.3	0.1
ALL	LIVE	CUT	12	ALL	16.2	66	88	21,124	20,704	2.0	132.4	188.7	46.8	10.4
ALL	ALL	ALL	12	ALL	16.2	66	88	21,124	20,704	2.0	132.4	188.7	46.8	10.4

## Cruise Unit Report CEDARVILLE U8 ROW

### Unit Sale Notice Volume (MBF): CEDARVILLE U8 ROW

Sp	DBH	Rings/In	Age	MBF Volume by Grade			
				All	2 Saw	3 Saw	4 Saw
DF	17.8			22	9	10	2
RA	13.9			1	0		0
MA	9.0			0			0
ALL	17.5			23	10	10	3

### Unit Cruise Design: CEDARVILLE U8 ROW

Design	Cruise Acres	FMA Acres	N Plots	N Cruise Plots	N Void Plots
ST: Strip/Percent Sample (1 tree expansion)	0.5	1.1	1	1	0

### Unit Cruise Summary: CEDARVILLE U8 ROW

Sp	Cruised Trees	All Trees	Trees/Plot	Ring-Count Trees
DF	9	97	97.0	0
RA	3	7	7.0	0
MA	1	1	1.0	0
ALL	13	105	105.0	0

### Unit Cruise Statistics (Cut + Leave Trees): CEDARVILLE U8 ROW

Sp	BA (sq ft/acre)	BA CV (%)	BA SE (%)	V-BAR (bf/sq ft)	V-BAR CV (%)	V-BAR SE (%)	Net Vol (bf/acre)	Vol CV (%)	Vol SE (%)
DF	333.5	0.0	0.0	130.3	12.9	4.3	43,456	12.9	4.3
RA	14.8	0.0	0.0	97.2	7.4	4.3	1,442	7.4	4.3
MA	0.9	0.0	0.0	77.3	0.0	0.0	68	0.0	0.0
ALL	349.2	0.0	0.0	128.8	18.4	5.1	44,966	18.4	5.1

### Unit Summary: CEDARVILLE U8 ROW

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
DF	LIVE	CUT	9	ALL	17.8	80	102	44,814	43,456	3.0	193.0	333.5	79.0	21.7
MA	LIVE	CUT	1	ALL	9.0	33	52	68	68	0.0	2.0	0.9	0.3	0.0

Sp	Status	Rx	N	D	DBH	BL	THT	BF Gross	BF Net	Defect %	TPA	BA	RD	MBF Net
RA	LIVE	CUT	3	ALL	13.9	49	67	1,446	1,442	0.3	14.1	14.8	4.0	0.7
ALL	LIVE	CUT	13	ALL	17.5	77	100	46,328	44,966	2.9	209.1	349.2	83.3	22.5
ALL	ALL	ALL	13	ALL	17.5	77	100	46,328	44,966	2.9	209.1	349.2	83.3	22.5



**Forest Practices Application/Notification  
Notice of Decision**

FPA/N No: 2941130  
Effective Date: 2/21/2023  
Expiration Date: 2/21/2026  
Shut Down Zone: 655 ; .  
EARR Tax Credit:  Eligible  Non-eligible  
Reference: Cedarville Sorts  
30-101652

**Decision**

- Notification Accepted 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.
- Withdrawn Applicant has withdrawn the Forest Practices Application/Notification (FPA/N).
- Closed All forest practices obligations are met.

**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**

No additional conditions.

Issued By: Eric Weinke Region: Pacific Cascade Region

Title: Forest Practices Forester Date: 2/21/2023

Copies to:  Landowner, Timber Owner and Operator

Issued in person:  LO  TO  OP By: Tonya Johnston Date: 2/21/2023



**Appeal Information**

You have thirty (30) days to *file* (i.e., *actually deliver*) an appeal in writing of this Decision and any related State Environmental Policy Act (SEPA) determinations to the Pollution Control Hearings Board, the Attorney General's Office, and the Department of Natural Resources' region office. See RCW 76.09.205. The appeal period starts when the applicant receives this decision, which usually happens electronically on the date indicated below.

You must file your appeal at all three addresses below:

Pollution Control Hearings Board	Office of the Attorney General Natural Resources Division	Department Of Natural Resources Pacific Cascade Region
<u>Physical Address</u> 1111 Israel Road, SW Suite 301 Tumwater, WA 98501	<u>Physical Address</u> 1125 Washington Street, SE Olympia, WA 98504	<u>Physical Address</u> 601 Bond Rd Castle Rock WA 98611
<u>Mailing address</u> Post Office Box 40903 Olympia, WA 98504-0903	<u>Mailing Address</u> Post Office Box 40100 Olympia, WA 98504-0100	<u>Mailing Address</u> Post Office Box 280 Castle Rock, WA 98611-0280

Information regarding the Pollution Control Hearings Board can be found at: <https://elaho.wa.gov>

**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 <https://www.dnr.wa.gov/programs-and-services/forest-practices/review-applications-fpars/forest-practices-forms-and>. Notify DNR of new Operators within 48 hours.

**Continuing Forestland 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 forestland 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 and 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 forestland obligation, the seller must pay the buyer's costs related to continuing forestland obligations, including all legal costs and reasonable attorneys' fees incurred by the buyer in enforcing the continuing forestland obligation against the seller.

Failure by the seller to send the required notice to 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 forestland obligation prior to sale.

**DNR Declaration of Mailing**

I Choose an item caused the Notice of Decision for FPA/N No . Enter FPA/N No. to be placed in the United States mail at Castle Rock, WA, postage paid. I declare under penalty of perjury of the laws of the State of Washington, that the foregoing is true and correct.

Click or tap to enter  
a date.  

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*(Date)*

Castle Rock, WA  

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*(City & State where signed)*

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*(Signature)*