TO: Members of the Board of Natural Resources
FROM: Product Sales and Leasing Division
SUBJECT: Timber Sales Packet to be Presented at the September 2016 Board Meeting

Attached is a package of timber sales proposed for future auction. This packet will be presented to the Board of Natural Resources at the September 6, 2016 Board Meeting.
## SUMMARY OF PROPOSED BOARD SALES

### OCTOBER 2016

<table>
<thead>
<tr>
<th>No.</th>
<th>County</th>
<th>Region</th>
<th>FSC®</th>
<th>Sale Name</th>
<th>Species</th>
<th>Acres</th>
<th>Age</th>
<th>Harvest Type</th>
<th>Volume MBF/Acre</th>
<th>Value/MBF</th>
<th>Total MBF</th>
<th>Total Minimum Bid Value</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Clallam</td>
<td>OLY</td>
<td>93925</td>
<td>ELLIS CROSSING VDT VRH</td>
<td>WW-58%, DF-35%, RA-7%</td>
<td>115</td>
<td>44</td>
<td>Variable Density 80%</td>
<td>Variable Retention</td>
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<td>$100</td>
<td>$1,381</td>
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<tr>
<td>2</td>
<td>Klickitat</td>
<td>SE</td>
<td>92221</td>
<td>CAMP DRAPER</td>
<td>PP-100%</td>
<td>203</td>
<td>97</td>
<td>Variable Retention</td>
<td>10</td>
<td>$78</td>
<td>2,692</td>
<td>$211,000</td>
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<tr>
<td>3</td>
<td>Pacific</td>
<td>PC</td>
<td>93931</td>
<td>OH HENRIE</td>
<td>DF-57%, WW-32%, RA-9%, RC-2%</td>
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<td>84</td>
<td>Variable Retention</td>
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<td>$258</td>
<td>3,015</td>
<td>$779,000</td>
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<tr>
<td>4</td>
<td>Pierce</td>
<td>SPS</td>
<td>92941</td>
<td>SNIKERS</td>
<td>DF-80%, RA-18%, WW-2%</td>
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<td>66</td>
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<td>5</td>
<td>Thurston</td>
<td>SPS</td>
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<td>ON TIME VRH &amp; VDT</td>
<td>DF-95%, RA-4%, WW-1%</td>
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<td>33</td>
<td>Variable Retention 84%</td>
<td>Variable Retention</td>
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<td>$213</td>
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<td>6</td>
<td>Wahkiakum</td>
<td>PC</td>
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<td>SILVER SLIVER</td>
<td>WW-70%, DF-28%, RA-2%</td>
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<td>7</td>
<td>Whatcom</td>
<td>NW</td>
<td>93613</td>
<td>UPPER DOAKS</td>
<td>DF-47%, WW-33%, RA-13%, RC-7%</td>
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<td>80</td>
<td>Variable Retention 91%</td>
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<td>1,587</td>
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<td>8</td>
<td>Whatcom</td>
<td>NW</td>
<td>94392</td>
<td>VALLEY REVIEW</td>
<td>DF-100%</td>
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<td>Variable Retention</td>
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<td>887</td>
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<td>20</td>
<td>$210</td>
<td>17,486</td>
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### Trust Codes:

- 01 = State Forest Board Transfer
- 02 = State Forest Board Purchase
- 03 = Common School & Indemnity
- 04 = Agricultural School
- 05 = University - Transferred
- 06 = C.E.P. & R.I.
- 07 = Capitol Building
- 08 = Normal School
- 09 = Escheat
- 10 = Scientific School
- 11 = University - Original
- 12 = Community College Forest Reserve

### Species Codes:

- DF = Douglas-fir
- RA = Red alder
- RC = Western red cedar
- WW = White Woods (hemlock and true firs)
- WL = Western larch
- PP = Ponderosa pine
- LP = Lodgepole pine

∞ If marked, all or part of this sale Forest Stewardship Council® (FSC)-certified (certificate No. BV-FM/COC-080501)

Note: Contract harvest sort sales above list the total minimum bid as delivered values, not stumpage. The net or stumpage value will be realized after the harvesting costs are paid out.

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## SEPA SUMMARY OF PROPOSED BOARD SALES

### OCTOBER 2016

<table>
<thead>
<tr>
<th>No.</th>
<th>County</th>
<th>Agreement #</th>
<th>Sale Name</th>
<th>Acres</th>
<th>DNS</th>
<th>MDNS</th>
<th>ADDM</th>
<th>SEPA Comments</th>
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<tbody>
<tr>
<td>1</td>
<td>Clallam</td>
<td>93925</td>
<td>ELLIS CROSSING VDT VRH</td>
<td>115</td>
<td>X</td>
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<td>WFLC</td>
<td>WFLC</td>
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<tr>
<td>2</td>
<td>Klickitat</td>
<td>92221</td>
<td>CAMP DRAPER</td>
<td>263</td>
<td>X</td>
<td></td>
<td>WFLC</td>
<td>WFLC</td>
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<td>3</td>
<td>Pacific</td>
<td>93931</td>
<td>OH HENRIE</td>
<td>94</td>
<td>X</td>
<td></td>
<td></td>
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<tr>
<td>4</td>
<td>Pierce</td>
<td>92941</td>
<td>SNIKERS</td>
<td>99</td>
<td>X</td>
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<tr>
<td>5</td>
<td>Thurston</td>
<td>88892</td>
<td>ON TIME VRH &amp; VDT</td>
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<tr>
<td>6</td>
<td>Wahkiakum</td>
<td>93178</td>
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<tr>
<td>7</td>
<td>Whatcom</td>
<td>93613</td>
<td>UPPER DOAKS</td>
<td>56</td>
<td>X</td>
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<tr>
<td>8</td>
<td>Whatcom</td>
<td>94392</td>
<td>VALLEY REVIEW</td>
<td>19</td>
<td>X</td>
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* ALL DOCUMENTS ARE AVAILABLE TO THE BOARD AND THE PUBLIC FOR REVIEW
TIMBER NOTICE OF SALE

SALE NAME: ELLIS CROSSING VDT VRH
AGREEMENT NO: 30-093925

AUCTION: October 26, 2016 starting at 10:00 a.m.,
Olympic Region Office, Forks, WA

COUNTY: Clallam

SALE LOCATION: Sale located approximately 19 miles north of Forks, WA

PRODUCTS SOLD AND SALE AREA:
All timber as described in Schedule C for Units 1,3,5,7,8,9 and 10, except those trees described in Schedule D; bounded by timber sale boundary tags and special management unit boundary tags in Unit 1; timber sale boundary tags and the E-1000 Road in Unit 3 and Unit 9; timber sale boundary tags, the E-1000 Road and a skip line in Unit 10; timber sale boundary tags, special management unit boundary tags and the E-1000 Road in Unit 5, Unit 7 and Unit 8.

All timber except trees marked with a band of blue paint or bounded out by leave tree area tags; bounded by timber sale boundary tags, special management unit boundary tags and the E-1000 Road in Unit 2; bounded by timber sale boundary tags, leave tree area tags, special management unit boundary tags and the E-1000 Road in Unit 4; bounded by timber sale boundary tags, special management unit boundary tags and leave tree area tags in Unit 6.

All timber that has been on the ground for five years or more shall be left undisturbed and not yarded (five years is defined by more than 1.5 inches of sap rot). Located on part(s) of Sections 26 and 35 all in Township 31 North, Range 13 West, W.M., containing 115 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

<table>
<thead>
<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Ring Count</th>
<th>Total MBF</th>
<th>Total Tons</th>
<th>Price $/Ton</th>
<th>1P</th>
<th>2P</th>
<th>3P</th>
<th>SM</th>
<th>1S</th>
<th>2S</th>
<th>3S</th>
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<tr>
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<td>20.7</td>
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<td>Douglas fir</td>
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<td></td>
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<tr>
<td>Red alder</td>
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<td>11</td>
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<tr>
<td>Red cedar</td>
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<td>3</td>
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<tr>
<td>Spruce</td>
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<td>1</td>
<td>8</td>
<td>$11.90</td>
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<td>1</td>
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<tr>
<td>Sale Total</td>
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<td>10,997</td>
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</tbody>
</table>

MINIMUM BID: $11.90/ton (est. value $138,000.00) BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $27,600.00 SALE TYPE: Tonnage Scale
TIMBER NOTICE OF SALE

EXPIRATION DATE: October 15, 2018

ALLOCATION: Export Restricted

BIDDABLE SPECIES: Silver fir, Hemlock, Douglas fir combined

BID DEPOSIT: $13,800.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: 100% ground based. Rubber tire skidders will only be allowed if rutting conditions can be met and a harvest plan is submitted and approved by the Contract Administrator. 30' Equipment Limitation Zones on all typed waters

ROADS: 2.85 stations of optional construction. 166.75 stations of required pre-haul maintenance. 290.30 stations of optional pre-haul maintenance. On the USFS 3100_100 Road (stations 86+00 - 116+30) and the E-2500 Road (stations 0+00 - 18+00) there will not be any road work or operation of heavy equipment allowed from one hour before to two hours after official sunrise and from one hour before to one hour after official sunset from April 1 through September 23 for marbled murrelet restrictions.

ACREAGE DETERMINATION
CRUISE METHOD: Sale acreage was 100% GPS'd. Sale units were cruised using a variable plot sample.

FEES: On day of sale, Purchaser shall provide the DNR with a cashier's check made payable to Rayonier Washington Timber Company in the amount of $16,495.00 for a Road Use Permit. $24,513.00 is due on day of sale. $1.13 per ton is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There are locked gates on the E-2000, E-2500, and RY-3900 Roads - contact the Olympic Region Dispatch Center at 360-374-2811 to obtain a AA-1 key.
Driving Directions
From Forks drive 10 miles north on US 101 and turn left onto SR-113 before milepost 204. Drive 2.0 miles on SR-113 then turn left onto USFS 3100. After approximately 2 miles take the fork to the left onto the E-2500. After approximately 1.5 miles the E-2500 will turn into the E-2000. After about a half mile the E-2000 turns into the RY-9000. Travel approximately 350 more feet and turn right onto the RY-9300.

Continue on the RY-9300 for 2 miles to the E-1000. At the fork, keep left on the E-1000 and continue 0.9 miles on the E-1000 to Unit 1. Continue 0.1 miles to reach Units 2 and 3. Drive 0.1 mile to reach Unit 4 and Unit 5. Drive 0.25 miles to reach units 6, 7, and 8. Continue 0.2 miles to reach Unit 9 and another 0.9 miles to reach Unit 10.
From Forks, WA, travel north on US 101 10.5 mi. to the Mary Clark Rd., on right. Continue for 0.5 mi., then turn right on LTSP Main road. After 0.1 mi., turn left on the Mary Clark Pit Access Road and continue for 0.3 mi. to the Mary Clark Pit.
SALE NAME: CAMP DRAPER

AGREEMENT NO: 30-092221

AUCTION: October 27, 2016 starting at 10:00 a.m.,
Pacific Cascade Region Office, Castle Rock, WA

COUNTY: Klickitat

SALE LOCATION: Sale located approximately 5 miles west of Glenwood, Washington.

PRODUCTS SOLD AND SALE AREA: All ponderosa pine timber not marked with blue leave tree paint and bounded by timber sale boundary tags and pink flagging on part(s) of Sections 8 and 9 all in Township 6 North, Range 12 East, W.M., containing 256 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

<table>
<thead>
<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Total MBF</th>
<th>Total Tons</th>
<th>Price $/Ton</th>
<th>MBF by Grade</th>
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<tbody>
<tr>
<td>Ponderosa pine</td>
<td>16</td>
<td>2,692</td>
<td>18,156</td>
<td>11.65</td>
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</table>

Sale Total 2,692 18,156

MINIMUM BID: $11.65/ton (est. value $211,000.00)  BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $42,200.00  SALE TYPE: Tonnage Scale

EXPIRATION DATE: December 15, 2018  ALLOCATION: Export Restricted

BIDDABLE SPECIES: Ponderosa pine

BID DEPOSIT: $21,100.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Ground Based Yarding will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. Yarding restricted to dry and/or frozen conditions during the winter season.

ROADS: 22.00 stations of required reconstruction. 116.58 stations of required prehaul maintenance. 110 cubic yards of crushed rock to be applied. Road construction will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from November 1 to April 30 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION
CRUISE METHOD: Acres traversed with a Garmin 60CSx. 3 voids totaling 7 acres deducted from cruise acres. Variable plot cruise.

FEES: $47,783.00 is due on day of sale. $1.33 per ton is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Ponderosa pine is the only harvested species. No other minor species in the stand shall be cut.
Harvest Area ~ 256
Unit 1 ~ 252
Unit 2 - 4

Legend

- Sale Area
- Existing Roads
- Public Land Survey Sections
- Required Pre-Haul Maintenance
- ONR Managed Lands
- Required Reconstruction
- Monumented Corners

Prepared By: jsth490 08/08/2016
Modification Date: 8/8/2016
DRIVING DIRECTIONS:
From Glenwood, proceed 1.5 miles west on the Trout Lake County Road to the S2100 Road junction. Turn right onto the S2100 Road and proceed northeasterly for approximately 0.1 miles to the S2150 Road junction. Turn left onto the S2150 Road and proceed westerly for approximately 0.4 miles to the S2151 Road. Turn right onto the S2151 Road. Sale area is located west of the S2151 Road.
TIMBER NOTICE OF SALE

SALE NAME: OH HENRIE
AGREEMENT NO: 30-093931

AUCTION: October 27, 2016 starting at 10:00 a.m.,
COUNTY: Pacific

Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 20 miles east of Raymond

PRODUCTS SOLD AND SALE AREA: All timber, except trees marked with red paint, trees bound out by yellow Leave Tree Area tags, snags, and all down timber greater than 36 inches in diameter, bound by the following: Timber Sale Boundary tags with pink flagging, reprod, the Weyco-8000, and the MC-8400 in Unit 1 on part(s) of Sections 20 and 21 in Township 13 North, Range 6 West, W.M., containing 94 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

<table>
<thead>
<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Ring Count</th>
<th>Total MBF</th>
<th>MBF by Grade</th>
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<tr>
<td></td>
<td></td>
<td></td>
<td>1P 2P 3P</td>
<td>SM 1S 2S 3S 4S UT</td>
</tr>
<tr>
<td>Douglas fir</td>
<td>24.1</td>
<td>7</td>
<td>1,713</td>
<td>17 45 1,334</td>
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<tr>
<td>Hemlock</td>
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<td>955</td>
<td>517 341 76 21</td>
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<td>Spruce</td>
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<td>Maple</td>
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<td>3 1</td>
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<td>Sale Total</td>
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<td>3,015</td>
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</table>

MINIMUM BID: $0.00
BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $0.00
SALE TYPE: Lump Sum

EXPIRATION DATE: October 1, 2018
ALLOCATION: Export Restricted

BID DEPOSIT: $0.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable and Shovel. This sale is estimated to be 60% shovel yarding and 40% cable yarding. A detailed felling and yarding plan shall be required prior to any harvest activities. Shovel yarding is restricted to slopes of 40% or less. For additional harvest requirements, refer to the H-140 and H-141 clauses in the contract. Shovel Yarding will not be permitted from October 1 to May 1 unless authorized in writing by the Contract Administrator.

ROADS: 28.01 stations of optional construction. 386.00 stations of required pre-haul maintenance. Rock for construction and pre-haul maintenance under this contract may be obtained from the Upper Mill Ridge Quarry located in Section 21, Township 13 North, Range 06 West, W.M., at no charge to the Purchaser. Rock used in accordance with quantities on the ROCK LIST may also be obtained from any commercial source at the Purchaser's expense and subject to approval in writing by the Contract Administrator before their use. All road work will not be permitted from October 1 to May 1 unless authorized in writing.
TIMBER NOTICE OF SALE

by the Contract Administrator. The hauling of forest products will not be permitted from October 1 to May 1 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION
CRUISE METHOD: The sale acres were determined by GPS. The sale area was cruised using a variable plot cruise method.

FEES: $53,600.00 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale contains an estimated 317 MBF of higher quality DF 2 saw logs, 56 MBF of higher quality DF 3 saw logs, and 17 MBF of higher quality DF 3P saw logs, 45 MBF of higher quality DF SM saw logs, 298 MBF of higher quality WH 2 saw logs, and 137 MBF of higher quality WH 3 saw logs, derived from the cruise. Northern spotted owl - Timing restrictions are described as no operation of heavy equipment within the critical nesting season (March 1 to August 31) see contract clause H-141. No operations will be permitted, including suspending cables lines, over unstable areas identified on the FP slope stability form and map.
Driving Directions:

At mile marker 33 turn north onto Stevens Rd. from Highway 6 for 0.3 miles.

Turn west onto Elk Creek Rd. for 2.8 miles to end of pavement, begin Weyco-7000

0.4 miles to Weyco-7010, continue on Weyco-7000 for 1.8 miles and stay left at the fork, begin Weyco-8000

Continue on the 8000 for 4.0 miles to the MC-8400 intersection (stay right to continue on the 8000 to reach the western side of Unit 1).

Turn south onto the MC-8400 to reach the southern side of Unit 1 and the Upper Mill Ridge Quarry.
TIMBER NOTICE OF SALE

SALE NAME: SNIKERS

AGREEMENT NO: 30-092941

AUCTION: October 25, 2016 starting at 10:00 a.m.,

South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 9 miles southeast of the town of Eatonville.

PRODUCTS SOLD AND SALE AREA: All timber, except leave trees marked with blue paint or bounded out by yellow leave tree area tags, snags, and downed timber existing more than 5 years from the day of sale, bounded by the following: white timber sale boundary tags, property line marked with pink flagging, and the 8 and 8332 roads in Unit #1; all timber marked with a single band of pink paint located north of Unit #1 outside the boundary; all timber bounded by orange right of way tags on part(s) of Sections 33 and 34 all in Township 16 North, Range 5 East, W.M., containing 98 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572) and FSC 100% raw materials under the Forest Stewardship Council® Standard (cert no: BV-FM/COC-080501).

ESTIMATED SALE VOLUMES AND QUALITY:

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<thead>
<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Ring Count</th>
<th>Total MBF</th>
<th>MBF by Grade</th>
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MINIMUM BID: $764,000.00

BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $100,000.00

SALE TYPE: Lump Sum

EXPIRATION DATE: October 31, 2018

ALLOCATION: Export Restricted

BID DEPOSIT: $76,400.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable and ground based equipment with ground based equipment, with self-leveling equipment limited to sustained slopes 65 percent or less, cable-tethered equipment limited to sustained slopes 70 percent or less, and all other ground based equipment limited to sustained slopes 45 percent or less. Yarding may be restricted if rutting becomes excessive, per clause H-017.

Falling, yarding and timber haul will not be permitted from November 1st to May 15th, nor at all on weekend or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1st to May 15th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser’s
TIMBER NOTICE OF SALE

expense. Sedimentation preventative measures must be in place prior to commencing any winter operations.

ROADS: 34.01 stations of required construction. 12.62 stations of optional construction. 3.00 stations optional construction of landings. 123.69 required pre-haul maintenance. 20.99 required post-haul maintenance. 3.00 stations required decommissioning of landings, if built. Purchaser maintenance on the 81, 81 ext., 81-2, 81-3, 833, and 8332 roads. Designated maintenance on all other roads used. Rock for this proposal may be obtained from the Charcoal Rock Pit or any commercial rock source.

Operation of road construction equipment or rock haul will not be permitted from November 1st to May 15th, nor at all on weekend or state recognized holidays, unless authority to do so is granted, in writing, by the Contract Administrator. If permission is granted to operate from November 1st to May 15th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser’s expense. Sedimentation preventative measures must be in place prior to commencing any winter operations.

ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by traversing boundaries by GPS. Traverse GPS files are available upon request by emailing rachel.mason@dnr.wa.gov. See cruise narrative for cruise method.

FEES: $48,600.00 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: There are 21 take trees marked by a single band of pink paint located outside the northern boundary adjacent to the 8332 Road.

Purchaser must provide a written Extreme Hazard Abatement Plan, which meets the requirements of contract clause S-020. Hazard Abatement is required within 100 feet of the 8 Road. Approximate area is shown on the Timber Sale Map.

Wildlife timing restrictions will be in effect within the timing restriction area for eastern portion of the Unit and the Charcoal Rock Pit, as shown on the timber sale map. No activities are allowed within the timing restriction area from one hour before official sunrise to two hours after official sunrise, and from one hour before official sunset to one hour after official sunset from April 1 through August 31.

The Scott Turner Road and the DNR 8 Road are heavily used for residential and recreational traffic. Caution and active timber harvest signs shall be posted along both roads during operations. A road guard shall be used to control traffic during timber falling activities within 1.5 tree lengths of the DNR 8 Road.

Purchaser shall cut vine maple, leaving a stump of 12 inches or less in harvest area.

See map for gate locations. Gate keys may be obtained by contacting the South Puget Sound Region Office at (360) 825-1631 or by contacting Kevin Carlsen at (360) 870-4090.
DRIVING DIRECTIONS:

From Eatonville, drive east on Center St E for 0.5 miles. Continue on Alder Cutoff Rd E for 2.2 miles. Turn east onto Scott Turner Rd E for 5.5 miles. Continue onto DNR 8 Rd for 0.4 miles. Turn north onto DNR 81 Rd for 0.8 miles and arrive at the beginning of the Right-of-Way that leads to Unit 1.
TIMBER NOTICE OF SALE

SALE NAME: ON TIME VRH & VDT
AGREEMENT NO: 30-088892

AUCTION: October 25, 2016 starting at 10:00 a.m.,
COUNTY: Thurston
South Puget Sound Region Office, Enumclaw, WA

SALE LOCATION: Sale located approximately 8 miles southwest of Littlerock

PRODUCTS SOLD
AND SALE AREA:

All timber, except leave trees bounded out by yellow leave tree area tags and down timber existing more than 5 years from the day of sale bounded by the following: white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags, timber type change and the E-6000 Road in Unit #1; white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags, the E-6500 Road in Unit #2, white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags and the E-6500 Road in Unit #3;

All timber, except leave trees marked with blue paint or bounded out by yellow leave tree area tags and down timber existing more than 5 years from the day of sale bounded by the following: white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags and the E-5200 Road in Unit #4; white "Timber Sale Boundary" tags, the E-6000 and E-6070 roads in Unit #5;

All timber as described in Schedule A bounded by white "Timber Sale Boundary" tags, blue "Special Management Unit Boundary" tags and the E6500 Road in Units #7 and #10; white "Timber Sale Boundary" tags and blue "Special Management Area" tags in Units #6, #8, #9, #11 and #12 - #20;

All right of way timber bounded by orange "Right of Way" tags in Unit #21 on part(s) of Sections 7, 17, 18 and 19 all in Township 16 North, Range 3 West, W.M., containing 174 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

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<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Ring Count</th>
<th>Total MBF</th>
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MINIMUM BID: $639,000.00
BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $100,000.00
SALE TYPE: Lump Sum

EXPIRATION DATE: October 31, 2018
ALLOCATION: Export Restricted
TIMBER NOTICE OF SALE

BID DEPOSIT: $63,900.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvesting activities are estimated to be 95% ground-based and 5% cable. Forest products sold under this contract shall be harvested and removed using cable and tracked ground based equipment, with tracked ground based equipment limited to sustained slopes 45% or less. Self-leveling equipment or cable tethered equipment are restricted to sustained slopes of 55% or less. Use of tracked skidders shall be allowed for pole yarding and for Units #6 - #20 only, unless authority to use other equipment is granted in writing by the State. Yarding may be restricted during wet weather if rutting becomes excessive, per clause H-017.

Cutting, yarding and timber haul within Units #1 - #21, will not be permitted from November 1st to April 30th, unless authority to do so is granted in writing by the Contract Administrator. If permission is granted to operate from November 1st to April 30th the purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser’s expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.

Cutting, yarding and timber haul within Unit #5, will not be permitted on any weekends, state recognized holidays, or from 7:00 PM to 7:00 AM, unless authority to do so is granted in writing by the State.

ROADS: 18.54 stations of required construction. 18.93 stations of required reconstruction. 24.23 stations of optional construction. 265.22 stations of required pre-haul maintenance. 1.45 stations of required abandonment. 23.82 stations of required decommissioning. 10.7 stations of required decommissioning, if constructed. Purchaser maintenance on the E-5000, E-5200, E-5200 Cutoff, E-5220, E-5280, E-6000 (from E-6200 junction to station 113+00), E-6030, E-6050, E-6050 Ext., E-6070, E-6500, E-6510 Reroute, E-6510, and E-6510 Ext. roads. Designated maintenance on all other roads used. Rock used in accordance with the quantities on the rock list may be obtained at no cost from the State owned Vantage Quarry, located in Section 22, Township 16 North, Range 04 West, W.M. or from any commercial source at the Purchaser’s expense, as approved in writing by the Contract Administrator.

Road construction and rock haul will not be permitted from October 1st through April 30th, unless authority to do so is granted in writing by the Contract Administrator. If permission is granted to operate from October 1st through April 30th, the Purchaser shall comply with a Winter Operating Plan to include further protection of water, soil, roads and other forest assets at the Purchaser’s expense. Preventive measures required in the Winter Operating Plan must be put in place prior to commencing any winter operations.

ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by traversing boundaries by GPS. Traverse GPS data files are available upon request by emailing rachel.mason@dnr.wa.gov. See cruise narrative for cruise method.

FEES: $53,250.00 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale is a combination of five variable retention harvest (VRH) units, fifteen variable density thinning (VDT) units, and one Right of Way unit. Units #1 through #5 are VRH,
TIMBER NOTICE OF SALE

Units #6 through #20 are VDT units and will be harvested by prescription, as described in Schedule A of the contract. Cutting cards will be provided to all fellers on site as a reference. Unit #21 is a Right of Way unit.

Purchaser will be required to fell five trees per acre for down woody debris and snag creation within Units #6 - #20. See Schedule A of the contract for details.

Another sale was auctioned in June of 2016 will be operating in Vantage Quarry Pit and harvesting adjacent to it. The sale will also be harvesting off the E-6200 Road and installing a gate at the beginning of the E-6000 Road.
Unit Acreage
Unit 1 (VRH): 21 acres
Unit 2 (VRH): 20 acres
Unit 3 (VRH): 42 acres
Unit 4 (VRH): 39 acres
Unit 5 (VRH): 25 acres
Unit 6 (VDT): 1 acre
Unit 7 (VDT): 1 acre
Unit 8 (VDT): 3 acres
Unit 9 (VDT): 0.3 acres
Unit 10 (VDT): 4 acres
Unit 11 (VDT): 3 acres
Unit 12 (VDT): 0.3 acres
Unit 13 (VDT): 0.4 acres
Unit 14 (VDT): 0.2 acres
Unit 15 (VDT): 0.4 acres
Unit 16 (VDT): 3 acres
Unit 17 (VDT): 2 acres
Unit 18 (VDT): 2 acres
Unit 19 (VDT): 3 acres
Unit 20 (VDT): 3.5 acres
Unit 21 (ROW): 1.3 acres

Prepare By: cdun490 03/07/2016
Modification Date: 8/9/2016
Unit Acreage
- Unit 1 (VRH): 21 acres
- Unit 2 (VRH): 20 acres
- Unit 3 (VRH): 42 acres
- Unit 4 (VRH): 39 acres
- Unit 5 (VRH): 25 acres
- Unit 6 (VDT): 1 acre
- Unit 7 (VDT): 1 acre
- Unit 8 (VDT): 3 acres
- Unit 9 (VDT): 0.3 acres
- Unit 10 (VDT): 4 acres
- Unit 11 (VDT): 3 acres
- Unit 12 (VDT): 0.3 acres
- Unit 13 (VDT): 0.4 acres
- Unit 14 (VDT): 0.2 acres
- Unit 15 (VDT): 0.4 acres
- Unit 16 (VDT): 3 acres
- Unit 17 (VDT): 2 acres
- Unit 18 (VDT): 2 acres
- Unit 19 (VDT): 3 acres
- Unit 20 (VDT): 3.5 acres
- Unit 21 (ROW): 1.3 acres
Driving Directions:

Unit 1 and 5: From Interstate 5, take Maytown exit (milepost 95) onto Maytown Rd SW and follow for 2.9 mi. Continue onto 128th Ave SW for 0.8 mi. Turn left onto Mima Rd SW and follow for 1.3 mi. Turn right onto Bordeaux Rd SW and follow for 1.5 mi. Stay on the E-Line for 3.6 mi. Then turn left onto the E-6000 and continue on the E-6000 for 1 mi. You will be approximately 0.2 mi on your left. Continue on the E-6000 for 1 mi. Stay on the E-Line for 7 mi. Then turn left onto the E-3020. Continue on the E-3020 for 0.2 mi. Turn right onto the E-6500 and arrive at Vantage Quarry.

Unit 2 and 3: From Unit 1, continue on the E-6000 for 0.8 mi. Turn right onto the E-6500 for 0.2 mi. (this road is a ROW Unit). Turn right onto the E-Line and continue for 1.1 mi. Turn left onto the E-5000 and follow for 1.5 mi. Arrive at Unit 4.

Unit 4: From the E-Line/E-6000 Junction, continue on E-Line for 1.1 mi. Turn left onto the E-5000 and follow for 1.5 mi. Arrive at Unit 4.

Vantage Quarry:
From Bordeaux Rd SW, follow and continue onto the E-Line. Follow the E-Line for 7 mi. and turn right onto the E-3020. Arrive at Vantage Quarry.

From Bordeaux Rd SW, take Bordeaux exit (milepost 95) onto Bordeaux Rd SW and follow for 0.8 mi. Turn left onto Mima Rd SW and follow for 1.3 mi. Turn right onto Bordeaux Rd SW and follow for 1.5 mi. Stay on the E-Line for 3.6 mi. Then turn left onto the E-6000 and continue on the E-6000 for 1 mi. You will be approximately 0.2 mi on your left. Continue on the E-6000 for 1 mi. Stay on the E-Line for 7 mi. Then turn left onto the E-3020. Continue on the E-3020 for 0.2 mi. Turn right onto the E-6500 and arrive at Vantage Quarry.
TIMBER NOTICE OF SALE

SALE NAME: SILVER SLIVER

AGREEMENT NO: 30-093178

AUCTION: October 27, 2016 starting at 10:00 a.m.,
          Pacific Cascade Region Office, Castle Rock, WA

COUNTY: Wahkiakum

SALE LOCATION: Sale located approximately 2 miles east of Rosburg

PRODUCTS SOLD AND SALE AREA: All timber, except leave trees tagged out with yellow Leave Tree Area tags, leave trees marked with blue paint, down timber existing 5 years prior to the day of sale bounded by the following: white Timber Sale Boundary tags and pink flagging, private ownership, reprod and pink flagging in Unit 1 on part(s) of Sections 11 and 12 all in Township 10 North, Range 8 West, W.M., containing 66 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

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<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Ring Count</th>
<th>Total MBF</th>
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<th>2P</th>
<th>3P</th>
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MINIMUM BID: $0.00

BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $0.00

SALE TYPE: Lump Sum

EXPIRATION DATE: October 31, 2018

ALLOCATION: Export Restricted

BID DEPOSIT: $0.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable and Ground based equipment. Harvesting activities are estimated to be 95% ground-based, 5% cable. Ground-based harvesting equipment is restricted to slopes of 40% and less. See Clauses H-140 and H-141 for further harvest requirements. A detailed felling and yarding plan shall be required prior to any harvest activities and approved in writing by the Contract Administrator.

ROADS: 5.65 stations of required reconstruction. 25.18 stations of optional construction. 17.05 stations of optional reconstruction. 132.40 stations of pre-haul maintenance. Rock used in accordance with the quantities on the ROCK LIST shall be obtained from any commercial source at the Purchaser's expense. Rock sources will be subject to written approval by the Contract Administrator before their use. All road work will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator. The hauling of forest products will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.
TIMBER NOTICE OF SALE

ACREAGE DETERMINATION

CRUISE METHOD:  The sale acres were determined by GPS. The sale area was cruised using a variable plot cruise method.

FEES: $52,200.00 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale has approximately 84 MBF of high quality DF 2 saw, 359 MBF of high quality WH 2 saw, 17 MBF of high quality 3 saw DF and 147 MBF of high quality 3 saw WH. See driving map for gate locations. Hancock gate keys may be obtained from the Hancock office located at 273 West State Route 4, Cathlamet, WA 98612 Phone (360) 795-3221.
DRIVING DIRECTIONS:

From State Route 4 East of Mile Marker 16:

Turn North on G-2000 and Continue 0.4 Miles to Gate.

Continue through Gate and continue on G-2000 for 0.8 miles to Unit.
TIMBER NOTICE OF SALE

SALE NAME: UPPER DOAKS

AGREEMENT NO: 30-093613

AUCTION: October 26, 2016 starting at 10:00 a.m.

COUNTY: Whatcom

Northwest Region Office, Sedro Woolley, WA

SALE LOCATION: Sale located approximately 4 miles northeast of Kendall, WA

PRODUCTS SOLD AND SALE AREA:

All timber bounded by white timber sale boundary tags and the RM-ML and RM-20 roads, except forest products tagged out by blue special management tags, trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #1.

All timber bounded by white timber sale boundary tags and adjacent young stands, except forest products tagged out by blue special management tags, trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags, and cedar snags, preexisting dead and down cedar trees and cedar logs in Unit #2.

All trees as described for removal in Schedule B located in the RMZ thinning areas (beyond the blue special management tags up to the white timber sale boundary tags and RM-20) within Units #1 and #2.

Trees marked with orange paint along the RM-20 road.

The above described products on part(s) of Sections 23 and 24 all in Township 40 North, Range 5 East, W.M., containing 56 acres, more or less.

CERTIFICATION:

This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

<table>
<thead>
<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Ring Count</th>
<th>Total MBF</th>
<th>MBF by Grade</th>
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<tr>
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<td>1P</td>
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<tr>
<td>Douglas fir</td>
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MINIMUM BID: $400,000.00

BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $80,000.00

SALE TYPE: Lump Sum

EXPIRATION DATE: March 31, 2018

ALLOCATION: Export Restricted
TIMBER NOTICE OF SALE

BID DEPOSIT: $40,000.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes 40% or less. Falling and Yarding will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator (THIS PERTAINS TO GROUND-BASED EQUIPMENT ONLY) to reduce soil damage and erosion.

ROADS: 10.52 stations of required construction. 28.58 stations of required reconstruction. 137.84 stations of required prehaul maintenance. Installation of a gate; gate furnished by the State, available at NW Region Office.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: Red Mt. Pit at station 20+53 of the RM-23 Road. Existing Stockpiles of rock (both 2-inch minus crushed and 3-inch minus ballast rock) available (see road plan for details).

Development of an existing rock source will involve drilling, shooting, and processing rock to generate riprap and 3-inch-minus ballast.

An estimated total quantity of rock needed for this proposal: 88 cubic yards of riprap and 6,775 cubic yards of 3-inch minus ballast rock and 155 cubic yards of 2-inch minus crushed rock.

Road work and the hauling of rock will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation. The hauling of forest products will not be permitted from November 1 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation.

ACREAGE DETERMINATION

CRUISE METHOD: Acres determined by GPS traverse. 67.1 acres gross. 2.1 acres deducted for green tree retention clumps and 7.3 acres deducted for no-harvest RMZ area and 2.1 acres deducted for existing road area. 55.6 acres net. Cruised using variable plot method. Expansion factors used are 54 in VRH areas and 40.00 in VDT areas in RMZs. Sighting height is 4.5 feet. A total of 65 plots were taken.

FEES: $28,169.25 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: 1. A portion of the RM-21 is on an abandoned grade.
2. Outer boundary of harvest area in RMZ thinning areas is demarcated with blue special management tags within the sale area.
3. HQ DF noted within the sale area. See cruise for further details (approximately 16 mbf of the above listed DF 2S is deemed high quality by the Department).
4. Shapefiles of units available upon request.
5. Harvest area intended for 100% ground-based yarding.
TIMBER SALE MAP

SALE NAME: UPPER DOAKS
AGREEMENT #: 30-093613
TOWNSHIP(S): T40R05E
TRUST(S): State Forest Transfer (01)

REGION: Northwest Region
COUNTY(S): WHATCOM
ELEVATION RGE: 1631-2260

Harvest Area ~56 Acres
Approximately:
Unit 1:  6.3 ac
Unit 2:  44.5 ac
RMZ 1:  1.3 ac
RMZ 2A: 1.9 ac
RMZ 2B: 1.6 ac

All State Unless Otherwise Noted
To Units:
- From the intersection of HWY 542 and 547 travel east on 542 for 1.8 miles.
- Turn left onto the Red Mtn Mainline (RM-ML).
- Travel the RM-ML for 2.0 miles.
- Turn right onto the RM-20. Unit 1 is on your right.
- Continue on the RM-20 for 0.2 miles to Unit 2.

To Rock Pit:
- From the intersection RM-20 and RM-ML continue on the RM-ML for 0.4 miles.
- Turn left on the RM-23.
- Proceed for 0.3 miles to the Red Mountain Rock Pit.
SALE NAME: VALLEY REVIEW

AGREEMENT NO: 30-094392

AUCTION: September 28, 2016 starting at 10:00 a.m., COUNTY: Whatcom
Northwest Region Office, Sedro Woolley, WA

SALE LOCATION: Sale located approximately 2 miles northeast of Acme, WA.

PRODUCTS SOLD AND SALE AREA: All timber bounded by pink and green ribbon and the VZ-ML, VZ-13 and VZ-1302 roads, except trees marked with blue paint on the bole and root collar, forest products tagged out by yellow leave tree area tags and cedar snags, preexisting dead and down cedar trees and cedar logs in the Unit.

The above described products on part(s) of Sections 33 all in Township 38 North, Range 5 East, W.M., containing 19 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

<table>
<thead>
<tr>
<th>Species</th>
<th>Avg DBH</th>
<th>Ring Count</th>
<th>Total MBF</th>
<th>Total $/MBF</th>
<th>Avg 1P</th>
<th>Avg 2P</th>
<th>Avg 3P</th>
<th>Avg SM</th>
<th>Avg 1S</th>
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<tr>
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MINIMUM BID: $255/MBF (est. value $35,000.00) BID METHOD: Sealed Bids

PERFORMANCE SECURITY: $7,000.00 SALE TYPE: MBF Scale

EXPIRATION DATE: March 31, 2017 ALLOCATION: Export Restricted

BIDDABLE SPECIES: Douglas fir

BID DEPOSIT: $3,500.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable; cable or shovel on sustained slopes 40% or less. Falling and Yarding will not be permitted from November 15 to March 31 unless authorized in writing by the Contract Administrator (THIS PERTAINS TO GROUND-BASED EQUIPMENT ONLY) to reduce soil damage and erosion.

ROADS: The hauling of forest products will not be permitted from November 15 to March 31 unless authorized in writing by the Contract Administrator to reduce soil damage and siltation.

ACREAGE DETERMINATION
TIMBER NOTICE OF SALE

CRUISE METHOD: Acres determined by GPS traverse. 25.7 acres gross. 1.7 acres deducted for RMZ/WMZ areas, 2.2 acres deducted for green tree retention clumps and 3.0 acres deducted for existing roads. 18.8 acres net. Cruised using variable strip cruise method. Expansion factor used is 2.5. Sighting height is 4.5 feet. A total of 8 strip plots were taken.

Shapefiles of units are available upon request.

FEES: $2,343.00 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: 1. Sale material is remnants from the prior Valley View VRH & VDT timber sale, which subsequently experienced a high percentage of withthrow.

2. 1 MBF was placed in HEM, RC and RA as a place holder for the price for the appraisal because this is a scale sale. Cruise only captured 132 MBF of DF.
TIMBER SALE MAP

SALE NAME: VALLEY REVIEW
AGREEMENT#: 30-094392
TOWNSHIP(S): T38R05E
TRUST(S): State Forest Transfer(1)

REGION: Northwest Region
COUNTY(S): WHATCOM
ELEVATION RGE: 960-1200

Harvest Area ~ 19 Acres
Approximately 18.8 ac VRH

T38N R05E

T37N R05E

Sale Area
Leave Tree Area
No-cut RMZ/WMZ
DNR Managed Lands

existing Road
Sale Boundary Ribbon
Leave Tree Area Tags

Streams
Stream Type
Stream Type Break
Survey Corners

Prepared By: kgal490
Creation Date: 7/25/2016
Modification Date/By: 8/12/2014 tkde490
DRIVING DIRECTIONS:

Unit 1
From the town of Acme on State Route 9, at mile post 72.5, head east on Mosquito Lake Road. At mile 1.6 on Mosquito Lake Road, take a left onto the Van Zandt Dike Mainline (VZ-ML). Continue on the VZ-ML 0.85 miles to the junction of the VZ-ML and the VZ-09. Continue 1500 feet on the VZ-ML to the southwest corner of the unit.