

State of Washington
Department of Natural Resources
Hilary S. Franz, Commissioner of Public Lands

TO: Members of the Board of Natural Resources
FROM: Product Sales and Leasing Division
SUBJECT: Timber Sales Packet to be Presented at the November 2023 Board Meeting

Attached is a package of timber sales proposed for auction in upcoming months. This packet will be presented to the Board of Natural Resources at the November 7, 2023 Board Meeting.

$\infty$ If marked, all or part of this sale Forest Stewardship Councile (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.

## SEPA SUMMARY OF PROPOSED BOARD SALE

| No. | Sale Name | $\begin{aligned} & \hline \text { FPA } \\ & \text { Class } \end{aligned}$ | $\begin{gathered} \hline \text { SEPA } \\ \text { Determination } \\ \hline \end{gathered}$ |  | Comments Received During SEPA Review Period |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | PHIR SORT 8 | 3 | DNS | Center for Sustainable Economy |  |
| 2 | LAST CROCKER SORTS | 3 | DNS | LFDC, CSE, Conserned Citizens |  |
| 3 | Mm mm Good | 3 | DNS | LFDC, Concerned Citizens |  |
| 4 | humdinger | 3 | DNS |  |  |
| 5 | TRAIL MIX | 3 | DNS |  |  |
| 6 | BANDICOOT | 3 | DNS |  |  |
| 7 | PLEIADES | 3 | DNS | Lummi Nation |  |

* all documents are available to the board and the public for review


## TIMBER NOTICE OF SALE

SALE NAME: PHIR SORT 8
AGREEMENT NO: 30-106172

AUCTION: December 14, 2023 starting at 10:00 a.m. COUNTY: Cowlitz
Pacific Cascade Region Office, Castle Rock, WA
SALE LOCATION: Sale located approximately 14 miles east of Woodland, WA

## PRODUCTS SOLD

 AND SALE AREA:All delivered logs, except leave trees marked with blue paint, trees bound with yellow "Leave Tree Area" tags, all down timber existing 5 years prior to the day of sale and all downed timber greater than 36 inches diameter, bound by the following:

Unit 1: White "Timber Sale Boundary" tags with pink flagging, the PH-1000 Road, the PH-1090F Road, and pink flagging with carsonite posts along property lines;

Unit 2: White "Timber Sale Boundary" tags with pink flagging, the PH-1080 Road, and pink flagging with carsonite posts along property lines;

Unit 3: Orange "Right-of-Way Boundary" tags with orange flashers, the PH-1090 Road, and the PH-1090D Road;

Unit 4: Orange "Right-of-Way Boundary" tags with orange flashers and the PH-1090 Road; meeting the specifications described below; on parts of Sections 15, and 22 all in Township 6 North, Range 2 East W.M., containing 158 acres, more or less.

## MINIMUM BID AND ESTIMATED LOG VOLUMES:

| $\begin{gathered} \text { Agreement } \\ \# \end{gathered}$ | Sort \# | Species and Sort Specifications | Average Log Length | Estimated Volume |  | Tons Per MBF | Minimum Bid Delivered Prices |  | Total Appraised Value | $\begin{gathered} \text { Bid } \\ \text { Deposit } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Mbf | Tons |  | \$/mbf | \$/Ton |  |  |
| 106172 | 8 | DF 5"+ | 28' | 1250 | 7750 | 6.2 | \$525.00 |  | \$656,250.00 | \$65,625.00 |
| Totals: |  |  |  | 1250 | 7750 |  |  |  | \$656,250.00 |  |

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BVC-SFIFM-018227)

BID METHOD: Sealed Bids UNIT OF MEASURE: MBF Scale/Tonnage Scale
EXPIRATION DATE: February 29, 2024
ALLOCATION: Export Restricted
PAYMENT
SECURITY:
BIDDING
PROCEDURES:

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

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.

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:

Harvester's OBT Rate $=(\mathrm{Q}(\mathrm{x})-\mathrm{Q}($ base $)) \times 100 \times \$ 0.04+$ Harvester's OBT Bid Rate
Where;
$\mathrm{Q}($ base $)=$ Average fuel price for quarter preceding harvesting services contract bid opening.
$\mathrm{Q}(\mathrm{x})=$ Average fuel price for quarter preceding log deliveries.
Harvester's OBT Rate shall not be less than their original bid rate.
Harvest Cost $=\$ 124.44$ per MBF for sort 8.
Hauling Services Payment Rate per Ton
$=($ Base Rate + Mileage Rate $) \times(1.38)$
Base Rate $=\$ 2.35$ per ton
Mileage Rate $=((\$ 0.16 \times$ C miles $)+(\$ 0.11 \times$ A miles $)) \times$ Fuel Index Factor
ARRF $=\$ 26.00$ per MBF for sort 8.
Note: To calculate ARRF rates per ton use the tons $\backslash m b f$ conversion factor in the table above.

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

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

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

## TIMBER NOTICE OF SALE

Harvester shall not block the PH-1000 Road unless authority is granted in writing by the Contract Administrator.

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 Jon Olson 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: | PHIR SORTS | REGION: | Pacific Cascade Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT \#: | None | COUNTY(S): | Cowlitz |
| TOWNSHIP(S): | T6R2E | ELEVATION RGE: $920-1880$ |  |



| $122^{\circ} 33.5{ }^{\text {T }}$ | $122^{\circ} 33^{\prime} \mathrm{W}$ |  | ${ }^{122^{\circ} 32^{\prime} \mathrm{W}}$ |
| :---: | :---: | :---: | :---: |
| / Variable Retention Harvest | --- Optional Construction | $\longrightarrow$ | Streams |
| \%ememele Leave Tree Area | $\rightleftharpoons$ Existing Roads | $\square$ | Stream Type |
| R Riparian Mgt Zone | $=$ Optional Post-Haul Maintenance | * | Stream Type Break |
| - Forested Wetland | ====: Required Construction |  | Existing Bridge |
| $\sim \sim \sim$ Sale Boundary Tags | $\Longleftrightarrow$ Required Reconstruction | $\bullet$ - | Gate Removal |
| $\sim \sim \sim$ Leave Tree Tags | $=\Delta=$ Optional Pre-Haul Maintenance | 参 | Leave Tree Area <1/4-acre |
| $\sim \sim \sim$ Right of Way Tags | $\checkmark$ 人 $\triangle$ Required P Post-HauliMaintenance | - | Survey Monument |
| AHt Flag Line |  |  |  |





DRIVING MAP


| - Other Road | DRIVING DIRECTIONS: |
| :---: | :---: |
| Opt. Equip. Mob. Rte <br> Milepost Markers <br> - Distance Indicator | **See Attached** |




| - Haul Route | DRIVING DIRECTIONS: |
| :---: | :---: |
| Other Road <br> - Milepost Markers <br> - Distance Indicator <br> -ー Gate (PCP 1-1) <br> 风 Rock Pit | **See Attached** |

## Phir Sorts Driving Directions

From Woodland, drive east on SR-503 for 13.9 miles.

## Units 1-4:

Turn left (northwest) onto the PH-1000 Road. Follow this for 0.8 mile to reach Unit 1, or 2.3 miles to reach Unit 2. For ROW Units 3 and 4, turn right (east) onto the PH-1090F Road for 0.4 mile. Turn left (north) for 0.1 mile to ROW Unit 4, or continue straight onto the PH-1090 Road for 0.7 mile. ROW Unit 3 is on the right near the junction with the $\mathrm{PH}-1090 \mathrm{D}$ Road.

## N-6600B1 Pit:

For the N-6600B1 Pit, heading east on State Route 503 after mile marker 35, turn left (east) onto the $\mathrm{N}-6600$. Follow for 1.4 miles, then take the right fork (east) onto the $\mathrm{N}-6600 \mathrm{~B}$ Road. Continue for 0.3 mile to the $\mathrm{N}-6600 \mathrm{~B} 1$ Pit.

## Optional Equipment Mobilization Only Route:

From Woodland, drive east on SR-503 for 4.5 miles. Turn left (north) on Little Kalama River Road. Follow for 2.7 miles, then take a right (east) on Aho Carson Road. Continue for 0.7 mile, where it becomes the $\mathrm{PH}-1000$ Road. Continue on the $\mathrm{PH}-1000$ for 8.3 miles, where it meets up with the haul route at the western boundary of Unit 2.

TIMBER NOTICE OF SALE
SALE NAME: LAST CROCKER SORTS

AGREEMENT NO: 30-105966-301059761

AUCTION: December 13, 2023 starting at 10:00 a.m.
COUNTY: Jefferson

Olympic Region Office, Forks, WA
SALE LOCATION: Sale located approximately 10 miles north of Quilcene, WA

## PRODUCTS SOLD

AND SALE AREA:
Contractor shall harvest and deliver all timber except trees painted with blue paint or bounded out by yellow "Leave Tree Area" tags, bounded by the following: Timber Sale Boundary tags, the PT-O-3000 and PT-O-3500 roads in Unit 1; Timber Sale Boundary tags, timber type change, and the PT-O-3400 road in Unit 2; Timber Sale Boundary tags in Unit 3; Timber Sale Boundary tags and the PT-O-3000 road in Unit 4.

All timber bounded by Right-of-Way Boundary tags on the PT-O-3200 roads in Unit 5 and all timber bounded by Right-of-Way Boundary tags on the PT-O-3410 road in Unit 6 meeting the specifications described below; on parts of Section 13 in Township 28 North, Range 2 West W.M., containing 142 acres, more or less.

## MINIMUM BID AND ESTIMATED LOG VOLUMES:

| Agreement \# | Sort <br> \# | Species and Sort <br> Specifications | Average <br> Log <br> Length | Estimated Volume |  | Tons Per MBF | Minimum Bid Delivered Prices |  | Total Appraised Value | Bid Deposit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Mbf | Tons |  | \$/mbf | \$/Ton |  |  |
| 105966 | 01 | $\begin{aligned} & \text { DF HQ B } 12^{\prime \prime} \\ & \text { to } 19^{\prime \prime} \text { dib } \end{aligned}$ | 28 | 699 | 3844 | 5.5 | \$725.00 |  | \$506,775.00 | \$50,677.50 |
| 105967 | 02 | $\begin{aligned} & \text { DF SL 5" to } \\ & 11 " \mathrm{dib} \end{aligned}$ | 28 | 1268 | 8242 | 6.5 | \$550.00 |  | \$697,400.00 | \$69,740.00 |
| 105968 | 03 | $\begin{aligned} & \text { DF SL 12" to } \\ & 19^{\prime \prime} \mathrm{dib} \end{aligned}$ | 28 | 2081 | 12486 | 6 | \$550.00 |  | \$1,144,550.00 | \$114,455.00 |
| 105969 | 04 | $\begin{aligned} & \text { DF SL 20" + } \\ & \text { dib } \end{aligned}$ | 28 | 289 | 1590 | 5.5 | \$500.00 |  | \$144,500.00 | \$14,450.00 |
| 105970 | 05 | RC Camprun 5" + dib | 28 | 139 | 848 | 6.1 | \$1,100.00 |  | \$152,900.00 | \$15,290.00 |
| 105971 | 06 | $\begin{aligned} & \text { WW SL 5" to } \\ & 11^{\prime \prime} \text { dib } \end{aligned}$ | 28 | 172 | 1187 | 6.9 | \$425.00 |  | \$73,100.00 | \$7,310.00 |
| 105972 | 07 | $\begin{aligned} & \text { WW SL } 12 "+ \\ & \text { dib } \end{aligned}$ | 28 | 135 | 796 | 5.9 | \$450.00 |  | \$60,750.00 | \$6,075.00 |
| 105973 | 08 | Red Alder Sawlog 7" + dib | 26 | 455 | 3185 | 7 | \$450.00 |  | \$204,750.00 | \$20,475.00 |
| 105974 | 09 | Conifer Pulp $2^{\prime \prime}+\mathrm{dib}$ | N/A | 40 | 360 | 9 |  | \$25.00 | \$9,000.00 | \$5,000.00 |
| 105975 | 10 | Hardwood Pulp 2" + dib | N/A | 169 | 1521 | 9 |  | \$25.00 | \$38,025.00 | \$5,000.00 |
| 105976 | 11 | DF Poles 35'+ | N/A | 50 | 290 | 5.8 | \$900.00 |  | \$45,000.00 | \$5,000.00 |

## Totals:

549734349
\$3,076,750.00
CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BVC-SFIFM-018227)

BID METHOD:
EXPIRATION DATE: November 4, 2024
UNIT OF MEASURE: MBF Scale/Tonnage Scale
ALLOCATION: Export Restricted

## PAYMENT

SECURITY:
BIDDING
PROCEDURES:

## TIMBER EXCISE <br> TAX:

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

## TIMBER NOTICE OF SALE

cost analysis. Actual haul route may vary and is subject to change at the State's discretion.

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

There are locked gates on the PT-O-3000. Contact Olympic Region Dispatch Center at 360-374-2800 to check out an AA1 key.

Contractor must have utility lines located before beginning operations and/or construction/reconstruction. Contractor is responsible for the cost of repairing any damage to utility lines due to roads or harvest operations.

Yarding operations in the timing restriction area of Unit 4 are restricted November 1st through June 30th.

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 Jeremy Brown at the Olympic Region Office at (360)391-5976 or Steve Teitzel at the Product Sales and Leasing Division Office in Olympia at (360)902-1741.

DRIVING MAP


|  | Timber Sale Unit |
| :---: | :--- |
|  | Highway |
| $\square$ | Haul Route |
| $\square$ | Other Road |
| $\square$ | Milepost Markers |
| $\bullet$ | Distance Indicator |
| $\bullet-\bullet$ | Gate AA-1 |
| oo-O- Power Lines |  |

## DRIVING DIRECTIONS:

From Highway 104 just west of milepost 2 turn south on the PT-O-3000 under the powerlines. Go through the orange gate and follow the main road around for 0.3 mile to the yellow gate at the State property line. Travel 0.9 mile through this second gate to the PT-O-3200 junction Stay straight for 0.5 mile to the end of the PT-O-3200 and walk in through Unit 5 tagged right-of-way to the top of Unit 2, or stay west on the PT-O-3000 for 0.4 mile to the middle of Unit 1. Continue on the PT-O-3000 for another 0.3 mile to the PT-O- 3400 junction. Turn left and drive 0.4 mile to the end of the PT-O-3400 at the bottom of Unit 2, or only go 0.1 mile and park at the junction of the PT-O-3410 to walk in to Unit 6 tagged right-of-way and Unit 3. Turning right at the PT-O-3400 junction and driving 0.2 mile leads to Unit 4.

TIMBER SALE MAP


## Legend



December 14, 2023 starting at 10:00 a.m.,
COUNTY: Grays Harbor Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 15 miles west of Oakville

All timber, except leave trees bound by yellow "Leave Tree Area" tags, leave trees marked with blue paint, and all down timber existing 10 years prior to the day of sale, and snags bounded by the following:

Unit 1, white "Timber Sale Boundary" tags with pink "Timber Harvest Boundary" flagging, T-5000, T-5200, and T-5300 roads;

Unit 2, white "Timber Sale Boundary" tags with pink "Timber Harvest Boundary" flagging and the T-5200 road;

Unit 3 (ROW), orange "Right of Way Boundary" tags with pink "Timber Harvest Boundary" flagging;

All forest products above located on part(s) of Sections 25, 26 and 35 all in Township 16 North, Range 6 West, W.M., containing 95 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BVC-SFIFM-018227)

## ESTIMATED SALE VOLUMES AND QUALITY:

| Species | Avg Ring |  | Total MBF | MBF by Grade |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | DBH |  |  | 1P | 2P | 3P | SM | 1S | 2 S | 3S | 4S | UT |
| Douglas fir | 27.9 | 8 | 2,814 |  |  | 49 | 389 |  | 2,085 | 250 | 29 | 12 |
| Hemlock | 19 |  | 1,885 |  |  |  |  |  | 1,368 | 408 | 94 | 15 |
| Red alder | 16.5 |  | 88 |  |  |  |  |  | 50 | 8 | 30 |  |
| Maple | 15 |  | 64 |  |  |  |  |  | 23 | 12 | 29 |  |
| Redcedar | 20.6 |  | 11 |  |  |  |  |  |  | 8 | 3 |  |
| Sale Total |  |  | 4,862 |  |  |  |  |  |  |  |  |  |


| MINIMUM BID: | $\$ 1,036,000.00$ | BID METHOD: | Sealed Bids |
| :--- | :--- | :--- | :--- |
| PERFORMANCE |  |  |  |
| SECURITY: | $\$ 100,000.00$ | SALE TYPE: | Lump Sum |
| EXPIRATION DATE: | October 31, 2025 | ALLOCATION: | Export Restricted |

BID DEPOSIT: $\quad \$ 103,600.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

WASHINGTON STATE DEPARTMENT OF
nATURAL RESOURCES

## TIMBER NOTICE OF SALE

HARVEST METHOD: Cable, Cable-Assist, and Shovel. Harvesting activities are estimated to be 50 percent ground based yarding and 50 percent cable yarding. Ground based equipment is restricted to slopes of 45 percent and less, and shall operate only during dry soil conditions. SelfLeveling ground based yarding equipment will not be permitted on sustained slopes over 60 percent. Cable assist operations will not be permitted on slopes over 75 percent. See Clause H-140 for further harvest requirements.

ROADS:
29.63 stations of required construction. 25.97 stations of required reconstruction. 17.27 stations of optional construction. 6.80 stations of optional reconstruction. 114.30 stations of required prehaul maintenance. 13.00 stations of abandonment. Rock used in accordance with the quantities on the ROCK LIST may be obtained from any commercial source at the Purchaser's expense. Road construction will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator. All road work will not be permitted from October 1 to April 30 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 and $1 / 20$ th acre fixed plots.

FEES:
$\$ 82,654.00$ 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 approximately 49 MBF of 3P DF, 389 MBF SM DF, 468 MBF high quality 2 Saw DF and 6 MBF high quality 3 Saw DF. See Cruise for additional for additional information.

Timing restrictions apply in portions of Unit 1 from March 1 to August 31.
All trees 60 inches Diameter at Breast Height (DBH) and greater shall not be felled unless for safety reasons. If trees 60 inches DBH or greater needs to be felled for safety reasons, trees will be left where felled.

DRIVING MAP

| SALE NAME: | MM MM GOOD | REGION: |
| :--- | :--- | :--- |
| AGREEMENT\#: | 30-104153 | COCific Cascade Region |
| TOWNSHIP(S): | T16R6W | COUNTY(S): |
| TRUST(S): | Capitol Grant (7), Charitable/Educational/Penal \& Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1) |  |

(

| $\square$ | Timber Sale Unit |
| :--- | :--- |
| $\square$ | Haul Route |
| $\square$ | Other Road |
| $\bullet$ | Distance Indicator |
| $\bullet-$ | Gate |
| $\star$ | Oakville |

## DRIVING DIRECTIONS: <br> From the intersection of US-12/Pine and State St. in Oakville, head south on State St. for 1.9 miles, becoming Oakville Rd. <br> From end of Oakville Rd., turn left onto Garrard Creek Rd. and follow 3.4 miles before making a slight right onto Brooklyn Rd. <br> Follow Brooklyn Rd. 4.3 miles and turn right onto T-Line (marker 20) <br> Follow T-Line for 4.6 miles and turn left at the gate onto the T-5000 <br> Unit 1: Travel west on the T-5000 for 0.4 miles to reach Unit 1 and T-5200. <br> Travel another 0.1 miles to reach the T-5300

Unit 2: Turn left on the T-5200 and follow for 0.4 miles to reach Unit 2

TIMBER SALE MAP


December 14, 2023 starting at 10:00 a.m.,
COUNTY: Lewis Pacific Cascade Region Office, Castle Rock, WA

SALE LOCATION: Sale located approximately 5 miles west of Centralia, WA

All timber, except trees marked with blue paint, and all down timber existing 3 years prior to the day of sale, bounded by the following;

Unit 1, white "Timber Sale Boundary" tags, reprod, D-3500 and D-3540;
Unit 2, white "Timber Sale Boundary" tags, reprod, D-3000 and D-3030;
Unit 3, white "Timber Sale Boundary" tags, reprod and D-3400 and D-3410;
Unit 4, white "Timber Sale Boundary" tags, D-3220 and reprod;
Unit 5, white "Timber Sale Boundary" tags, and the D-5000;
Unit 6, white "Timber Sale Boundary" tags, reprod, D-5000, D-5037, D-5200 and the D5300;

Unit 7, white "Timber Sale Boundary" tags, reprod, and the D-5200;
Unit 8, white "Timber Sale Boundary" tags, reprod, D-5300 and the D-5320;
All forest products above located on part(s) of Sections 4, 5, 6, 9, 16 and 17 all in Township 14 North, Range 3 West, Sections 32 all in Township 15 North, Range 3 West, W.M., containing 220 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BVC-SFIFM-018227)

## ESTIMATED SALE VOLUMES AND QUALITY:



BID DEPOSIT: $\quad \$ 164,200.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable, Cable-Assist, Shovel, and Ground based equipment. Harvesting activities are estimated to be 80 percent ground based yarding and 20 percent cable yarding. Ground based equipment is restricted to slopes of 45 percent and less. Self-Leveling ground based yarding equipment will not be permitted on sustained slopes over 60 percent. Cable Assist operations will not be permitted on slopes over 60 percent. See Clause H-140 for further harvest requirements.

ROADS:
19.16 stations of required construction. 5.61 stations of required reconstruction. 3.54 stations of optional construction. 19.08 stations of optional reconstruction. 323.70 stations of required prehaul maintenance. Rock used in accordance with the quantities on the ROCK LIST may be obtained from any commercial source at the Purchaser's expense. Rock sources are subject to written approval by the Contract Administrator before their use. Rock source(s) must be a WSDOT certified source. All road work will not be permitted from October 1 to April 30 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:
$\$ 94,163.00$ is due on day of sale. $\$ 9.00$ per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: Gates: Teague Road, Cooks Hill Road and D-1000 gates all require a PCP 1-1 key available at the Pacific Cascade Region office in Castle Rock.

DRIVING MAP

| SALE NAME: HUMDINGER | REGION: | Pacific Cascade Region |
| :--- | :--- | :--- |
| AGREEMENT\#: 30-104375 | COUNTY(S): |  |
| TOWNSHIP(S): T14R3W, T15R3W | ELEVATIONRGE: $240-800$ |  |
| TRUST(S): Charitable/Educational/Penal \& Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1) |  |  |



|  | Timber Sale Unit |
| :--- | :--- |
| $\square$ | Haul Route |
| $\square$ | Other Road |
| $\bullet$ | Milepost Markers |
| $\bullet —$ | Distance Indicator |
| $\star$ | Gate (PCP1-1) |
|  | Town |

From Exit 81 on Interstate 5, travel west on Cooks Hill Rd. for 3.1 miles. Turn left onto the D-5000 (gate) and follow for 1.5 miles to Unit 5. Continue on the D-5000 for 1.0 mile.

Units 1-4: Turn
right onto the D-3000 for 0.8 mile. Turn right onto the D-3200 and follow for 0.2 mile to Unit 4 . Continue on the D-3000 for 0.7 mile then turn right onto D-3400 for 0.2 Mile to Unit 3. Continue on the D-3000 for Unit 2. Turn right onto the D-3500 for 0.4 mile. for Unit 1. For Units 6-8: turn left at the D-3000/D-5000 JCT. Unit 6 begins to the east.
Continue on the D-5000 for 0.5 mile.
For Unit 8, Turn left onto the D-5300 for 0.7 mile. Turn
right on the D-5200 and follow for 0.5 mile to Unit 7.

TIMBER SALE MAP

| SALE NAME: | HUMDINGER | REGION: | Pacific Cascade Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT \#: | 30-104375 | COUNTY(S): | Lewis |
| TOWNSHIP(S): | T14R3W, T15R3W | ELEVATION RGE: 240-800 |  |

TRUST(S): Charitable/Educational/Penal \& Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1)



TIMBER SALE MAP

| SALE NAME: | HUMDINGER | REGION: | Pacific Cascade Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT \#: | 30-104375 | COUNTY(S): | Lewis |
| TOWNSHIP(S): | T14R3W, T15R3W | ELEVATION RGE: $240-800$ |  |

TRUST(S): Charitable/Educational/Penal \& Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1)



TIMBER SALE MAP

| SALE NAME: | HUMDINGER | REGION: | Pacific Cascade Region |
| :--- | :--- | :--- | :--- |
| AGREEMENT \#: | 30-104375 | COUNTY(S): | Lewis |
| TOWNSHIP(S): | T14R3W, T15R3W | ELEVATION RGE: 240-800 |  |

TRUST(S): Charitable/Educational/Penal \& Reformatory Instit. (6), Common School and Indemnity (3), State Forest Transfer (1)


$\left.\begin{array}{ll}\text { AUCTION: } & \begin{array}{l}\text { December 12, } 2023 \text { starting at 10:00 a.m., COUNTY: Mason } \\ \text { South Puget Sound Region Office, Enumclaw, WA }\end{array} \\ \text { SALE LOCATION: } & \text { Sale located approximately } 5 \text { miles west of Belfair, WA }\end{array}\right]$ ARODUCTS SOLD $\left.\left.\quad \begin{array}{l}\text { All timber, except leave trees bounded out by yellow leave tree tags or marked with blue } \\ \text { paint, and down trees greater than 5 years from day of sale, bounded by the following: } \\ \text { white Timber Sale Boundary tags, timber type change marked with pink flagging, and the }\end{array}\right\} \begin{array}{l}\text { F-2000 Road in Unit \#1; white Timber Sale Boundary tags, and timber type change } \\ \text { marked with pink flagging in Unit \#2; white Timber Sale Boundary tags in Unit \#3, white } \\ \text { Timber Sale Boundary tags, timber type change marked with pink flagging, and the D- } \\ \text { 2020 Road in Unit \#4; white Timber Sale Boundary tags, timber type change marked } \\ \text { with pink flagging, property line marked with white Carsonite posts, and the D-2080 }\end{array}\right\}$

## ESTIMATED SALE VOLUMES AND QUALITY:

| Species | Avg Ring |  | Total MBF | MBF by Grade |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | DBH |  |  | 1P | 2P | 3 P | SM | 1 S | 2 S | 3S | 4S | UT |
| Douglas fir | 17.3 | 8 | 7,061 |  |  |  | 72 |  | 3,318 | 2,976 | 658 | 37 |
| Lodgepole | 15.2 |  | 82 |  |  |  |  |  | 17 | 41 | 24 |  |
| White pine | 18.6 |  | 24 |  |  |  |  |  | 10 | 8 | 6 |  |
| Hemlock | 9.1 |  | 17 |  |  |  |  |  |  |  | 11 | 7 |
| Birch | 14 |  | 12 |  |  |  |  |  | 9 |  | 3 |  |
| Red alder | 10.9 |  | 8 |  |  |  |  |  |  |  | 8 |  |
| Sale Total |  |  | 7,204 |  |  |  |  |  |  |  |  |  |

MINIMUM BID: $\$ 3,212,000.00$ BID METHOD: Sealed Bids

## PERFORMANCE

SECURITY: $\$ 100,000.00$
SALE TYPE: Lump Sum
EXPIRATION DATE: October 31, 2025
ALLOCATION: Export Restricted
BID DEPOSIT: $\quad \$ 321,200.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Harvest activities are estimated to be 100 percent ground based harvest. Ground based equipment, with self-leveling equipment limited to sustained slopes 65 percent or less, and other ground based equipment limited to sustained slopes of 45 percent or less.

WASHINGTON STATE DEPARTMENT OF natural resources

## TIMBER NOTICE OF SALE

Falling, yarding and timber haul will not be permitted on State recognized holidays or weekends in any unit, nor weekdays from 7:00 p.m. to 7:00 a.m. in Units \#1, \#2, \#4-\#6, unless approved in writing by Contract Administrator.

ROADS:
2.80 stations of required reconstruction. 44.65 stations of optional construction. 25.62 stations of optional reconstruction. 333.73 stations of required prehaul maintenance. 39.26 stations of optional prehaul maintenance. 372.99 stations of required post-haul maintenance. 44.65 stations of abandonment, if constructed. 10.12 stations of abandonment, if reconstructed. Purchaser maintenance on Spurs 1-5, and the D-1000, D1020, D-1022, D-2000, D-2010, D-2020, D-2080, E-2500 and F-2000 roads. Designated maintenance on all other roads used.

Rock for this proposal can be obtained from the State owned Sandhill Pit at no cost to the Purchaser or any commercial rock source at the Purchaser's expense. Rock source development is to be completed per Section 6 in the Road Plan and according to the Rock Source Development Plan.

Operation of road construction equipment and rock haul will not be permitted on State recognized holidays or weekends in any unit, nor weekdays from 7:00 p.m. to 7:00 a.m. associated with Units 1, 2, 4-6, unless approved in writing by Contract Administrator.

## ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by traversing boundaries by GPS. GPS data files are available at DNR's website for timber sale auction packets. See cruise narrative for cruise method.

FEES:
$\$ 122,468.00$ 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 high quality Douglas-fir sawlogs and poles. See Cruise.
The last cut tree along the private property boundary in Units \#5 and \#6 are marked with pink paint. It is the Purchaser's responsibility to verify location of the sale boundary as defined by the Product Sold and Sale Area description.

Purchaser will be required to obtain a road approach permit with Mason County for Spur 5 located in Unit \#6. A copy of the executed permit will need to be provided to the Contract Administrator prior to operations beginning in that unit.

Unit \#6 will require road work under powerlines along Belfair Tahuya Road for the construction of Spur 5.

Purchaser shall fell all snags inside the sale area within 200 feet of Belfair Tahuya Road, as directed by the Contract Administrator.

Non-tradeable leave trees are marked with a double band of blue paint.
This sale includes extreme hazard abatement according to WAC 332-24-650 per contract clause S-020.

Purchaser shall cut all live stems within the harvest unit 2 inches and greater in diameter per contract clause $\mathrm{H}-250$.

## TIMBER NOTICE OF SALE

Purchaser is responsible for closing trails with orange construction barricade netting and posting trail closure signs provided by DNR, at designated locations provided by the CA. Purchaser is responsible for giving five (5) calendar days notice before closing the trail.

Note to cruisers and appraisers: Please refrain from leaving pink, orange or blue flagging from your cruises in or around the sale area to avoid confusion with DNR's marking. Additionally, for the safety of the public, please remove from roads and trails all string from string boxes used during appraising or cruising this sale.

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 Austin Haworth at 360-552-8957.

DRIVING MAP



TIMBER SALE MAP


TIMBER SALE MAP

| SALENAME: | TRAILMIX | REGION: |
| :--- | :--- | :--- |
| AGREEMENT\#: | $30-103627$ | COUNTY(S): |
| TOWNSHIP(S): | T22R2W, T23R2W | ELEVATION RGE: Mason |
| TRUST(S): | Common School and Indemnity (3), Scientific School (10), State Forest Transfer (1) |  |




TIMBER SALE MAP


TIMBER SALE MAP

| SALENAME: | TRAIL MIX | REGION: |
| :--- | :--- | :--- |
| AGREEMENT \#: | $30-103627$ | COUNTY(S): |
| TOWNSHIP(S): | T22R2W, T23R2W | ELEVATION RGE: Mason |
| TRUST(S) |  |  |

TRUST(S): Common School and Indemnity (3), Scientific School (10), State Forest Transfer (1)


TIMBER SALE MAP

| SALENAME: | TRAILMIX | REGION: |
| :--- | :--- | :--- |
| AGREEMENT\#: | $30-103627$ | COUNTY(S): |
| TOWNSHIP(S): | T22R2W, T23R2W | ELEVATION RGE: Mason |
| TRO-439 |  |  |



AUCTION:

## SALE LOCATION:

 PRODUCTS SOLD AND SALE AREA:December 13, 2023 starting at 10:00 a.m., Northwest Region Office, Sedro Woolley, WA

COUNTY: Skagit

Sale located approximately 14 miles north of Arlington, WA.

All timber bounded by white timber sale boundary tags, adjacent young stands and the SO-ML and SO-10 roads, except cedar salvage (cedar snags, preexisting dead and down cedar trees and cedar logs), trees marked with blue paint on the bole and root collar, and forest products tagged out by yellow leave tree area tags in Unit \#1.

All timber bounded by white timber sale boundary tags, adjacent young stands, property lines and the SO-11 Road, except cedar salvage (cedar snags, preexisting dead and down cedar trees and cedar logs), trees marked with blue paint on the bole and root collar, and forest products tagged out by yellow leave tree area tags in Unit \#2.

All forest products above located on part(s) of Sections 20 and 21 all in Township 33 North, Range 5 East, W.M., containing 42 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BVC-SFIFM-018227)

## ESTIMATED SALE VOLUMES AND QUALITY:



HARVEST METHOD: Cable; Shovel, tracked skidder, rubber-tired skidder or 6-wheeled-rubber-tired-skidders-with-over-the-tire-tracks-spanning-both-sets-of-rear-tires (See below for restrictions) on sustained slopes $35 \%$ or less; self-leveling equipment on sustained slopes $50 \%$ or less (See below for restrictions).

Purchaser must obtain prior written approval from the Contract Administrator for areas as to where to utilize rubber-tired skidder or self-leveling equipment prior to use. If ground disturbance is causing excessive damage, as determined by the Contract Administrator, the equipment will no longer be authorized. Falling and Yarding will not be permitted

WASHINGTON STATE DEPARTMENT OF
natural resources

## TIMBER NOTICE OF SALE

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:
5.28 stations of optional construction. 7.61 stations of optional reconstruction. 157.70 stations of required prehaul maintenance.

Rock may be obtained from the following source on State land at no charge to the Purchaser: Coyote Ridge Pit at station 19+66 of the LM-ML Road.

Development of existing rock source will involve clearing, stripping and digging to generate riprap and ballast rock.

An estimated total quantity of rock needed for this proposal: 15 cubic yards of riprap and 1,075 cubic yards of ballast 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. Cruise was conducted via variable plot sample type. See Cruise Narrative for further details. Shapefiles of units are available upon request, and on the DNR website after the BNR meeting in which the sale is presented.

FEES:
$\$ 16,779.00$ 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. Trees marked with a red paint band and yellow "T" represent the last take tree along property line boundaries.

DRIVING MAP



TIMBER SALE MAP


December 13, 2023 starting at 10:00 a.m., Northwest Region Office, Sedro Woolley, WA

SALE LOCATION: Sale located approximately 11 miles northeast of Sedro-Woolley, WA.

All timber bounded by white timber sale boundary tags, adjacent young stands and the

SK-ML Road, except cedar salvage (cedar snags, preexisting dead and down cedar trees and cedar logs), trees marked with blue paint on the bole and root collar, and forest products tagged out by yellow leave tree area tags in Unit \#1 (collectively labeled 1A and 1B).

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

All timber bounded by orange right-of-way tags.
All forest products above located on part(s) of Sections 6 all in Township 36 North, Range 6 East, W.M., containing 41 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative ${ }^{\circledR}$ program Standard (cert no: BVC-SFIFM-018227)

## ESTIMATED SALE VOLUMES AND QUALITY:

| Species | Avg Ring DBH Count |  | Total MBF | MBF by Grade |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1P | 2P | 3 P | SM | 1S | 2 S | 3S | 4S | UT |
| Douglas fir | 20.1 | 10 |  | 2,310 |  |  | 9 | 113 |  | 1,550 | 572 | 56 | 10 |
| Hemlock | 14 |  | 109 |  |  |  |  |  | 18 | 75 | 16 |  |
| Redcedar | 15.8 |  | 24 |  |  |  |  |  |  | 17 | 7 |  |
| Red alder | 14.2 |  | 16 |  |  |  |  |  | 6 | 3 | 6 | 1 |
| Cottonwood | 26.4 |  | 16 |  |  |  |  |  | 14 |  | 2 |  |
| Sale Total |  |  | 2,475 |  |  |  |  |  |  |  |  |  |

MINIMUM BID: $\$ 1,066,000.00$ BID METHOD: Sealed Bids
PERFORMANCE
SECURITY: $\$ 100,000.00$ SALE TYPE: Lump Sum
EXPIRATION DATE: March 31, 2027
ALLOCATION: Export Restricted
BID DEPOSIT: $\quad \$ 106,600.00$ or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Cable or tethered equipment (See below for restrictions); Shovel, tracked skidder or feller-buncher on sustained slopes $40 \%$ or less; self-leveling equipment on sustained slopes $55 \%$ or less (See below for restrictions).

## TIMBER NOTICE OF SALE

Purchaser must obtain prior written approval from the Contract Administrator for areas as to where to utilize tethered or self-leveling equipment prior to use. If ground disturbance is causing excessive damage, as determined by the Contract Administrator, the equipment shall no longer be authorized. 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:
31.30 stations of required construction. 205.05 stations of required prehaul maintenance.

Rock may be obtained from the following source(s) on State land at no charge to the Purchaser: Virgo Pit at station 714+05 of the SK-ML Road. Europa Pit at station $0+25$ of the SK-11910 Road. Quark Gravel Pit at station $6+20$ of the SK-126 Road.

Development of existing rock sources will involve drilling, shooting, and processing rock to generate riprap and gravel pit run rock.

An estimated total quantity of rock needed for this proposal: 46 cubic yards of riprap and 2,290 cubic yards of gravel pit run rock.

Additional restrictions apply, see Remarks section below.
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. Cruise was conducted via variable and fixed plot sample type. See Cruise Narrative for further details. Shapefiles of units are available upon request, and on the DNR website after the BNR meeting in which the sale is presented.

FEES:
$\$ 42,075.00$ 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. Intermediate supports may be required.
2. Steep slopes above the SK-ML on the west side of Unit 1B may present challenging yarding operations.
3. Purchaser Harvest Plan required specifically for cable yarding across RMZs, groundbased skidding distances greater than 600 feet, and harvesting material in and around the "Special Management Area".
4. A seasonal timing restriction (April $1-$ Sept 23 ) shall be implemented for any road construction and maintenance (does not apply to hauling) that occur within that portion of the marbled murrelet occupied site buffer that overlaps the SK-ML. The limited operating period during these dates is between two hours after official sunrise to two hours before official sunset. Also, if any harvest related infrastructure is proposed within this buffer, it must also adhere to these timing restrictions.
5. Cedar bark stripping may occur prior to auction.
6. HQ DF noted within the sale area. See cruise for further details.
7. Douglas-fir poles were noted within the sale area.

DRIVING MAP


|  | Sale Area |
| :---: | :---: |
|  | Haul Route |
|  | Other Road |
| -- | Abandoned Road |
| K | Rock Pit |
| $\cdots$ | Bridge |
|  | Distance Indicator |
|  | Gate (F1-3) |
| F | Landmark |
|  | Town |
|  | Milepost Markers |
| $\triangle$ | Marbled Murrelet Timing Restriction |

## DRIVING DIRECTIONS:

From I-5 travel east on SR-20 to the town of Sedro-Woolley. Continue East on SR-20 for approximately 10.6 miles (past milepost 76). Turn left onto Cabin Creek Rd then right onto Hamilton Cemetary Rd then left on Scott Paper Rd to the SK-ML gate. From the SK-ML gate travel 5.8 miles to the SK-60 junction at Camp 18. Turn left to stay on SK-ML (signed as 160). Continue for 1.7 miles to a gate keeping right at a fork after Camp 18. Continue past the gate on SK-ML for 1.1 miles to Larson's Bridge. Take the first right after the bridge and continue for 2.2 miles to the top of the grade and the junction with SK-110. Turn left and Continue 0.9 miles to the SK-119 junction. Thence to:
Top of Unit 1A, Europa Pit
At the SK-119 junction keep right onto SK-119 and continue 1.3 miles into the unit passing Europa Pit on the left at approximately 1.1 miles.
Unit 2/Quark Pit, Middle of Unit 1A, Top of Unit 1B
At the SK-119 junction keep left to stay on SK-ML. Continue 0.7 miles then turn right onto SK-126. Unit 2/Quark Pit are on the east side of SK-126 0.1 miles from the junction. Unit 1A is 0.4 miles beyond the junction on SK-126 or SK-12603. Unit 1B is 0.3 miles from the junction on SK-12602.
Middle of Unit 1B
From the SK-126 junction keep left to stay on SK-ML. Continue 0.3 miles to the SK-129 junction. Turn right onto SK-129 and continue 0.1 miles into the unit.
Unit 1C, Bottom of Unit 1A, Virgo Pit
Unit 1C is left of SK-ML beginning at the SK-129 junction. Unit 1A is 0.4 miles and Virgo Pit is 0.6 miles from the junction.

TIMBER SALE MAP


| / / Variable Retention Harvest | $\sim \sim \sim$ Sale Boundary Tags | $\longrightarrow$ | Streams |
| :---: | :---: | :---: | :---: |
| $\triangle$ Special Mgt Area | $\cdots \times \times$ Special Mgmt Area | 4 | Stream Type 4 |
| Marbled Murrelet Timing Restriction | $\sim \sim \quad$ Right of Way Tags | 5 | Stream Type 5 |
| $\triangle 8$ Non-Tradeable Leave Clump | __ Timber Type Change | * | Stream Break |
|  | $\rightleftharpoons$ Existing Roads | 参 | Leave Trees |
| \%: Riparian Mgt Zone | $\Longleftrightarrow$ Required Pre-Haul Maintenance | 㐿 | Non-Tradeable Leave Trees |
| - Forested Wetland | ==== Required Construction | ¢ | Rock Pit |
| \%-i. Wetland Mgt Zone | ---- Abandoned Roads |  |  |

