



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal  
Waite Loss Salvage  
Sale WL-341-2025-W01206-01

District: Western Lane

Date: June 10, 2024

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**Cost Summary**

|                         | Conifer      | Hardwood          | Total         |
|-------------------------|--------------|-------------------|---------------|
| Gross Timber Sale Value | \$192,011.04 | \$128.40          | \$192,139.44  |
|                         |              | Project Work:     | (\$63,093.95) |
|                         |              | Advertised Value: | \$129,045.49  |



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District: Western Lane

Date: June 10, 2024

## Timber Description

Location: Portions of Section 24 T18S R9W

Stand Stocking: 20%

| Specie Name   | AvgDBH | Amortization (%) | Recovery (%) |
|---------------|--------|------------------|--------------|
| Douglas - Fir | 14     | 0                | 97           |
| Alder (Red)   | 14     | 0                | 95           |

| Volume by Grade       | 2S | 3S & 4S 6"-11" | Camprun | Total |
|-----------------------|----|----------------|---------|-------|
| Douglas - Fir         | 14 | 662            | 0       | 676   |
| Western Hemlock / Fir | 0  | 0              | 0       | 0     |
| Red Cedar             | 0  | 0              | 0       | 0     |
| Alder (Red)           | 0  | 0              | 2       | 2     |
| Total                 | 14 | 662            | 2       | 678   |

**Comments:** Pond Values Used: Local Pond Values, June 2024

Western red cedar:

\$740.21/MBF = \$1,227/MBF - \$486.79/MBF

Western Hemlock:

\$53.21/MBF = \$540/MBF - \$486.79

Bigleaf maple Stumpage Price =

\$0.00/MBF

Pulp Price (Conifer and Hardwood) Price = \$2.00/Ton

Hauling Cost Allowance = equivalent to \$1250 daily truck cost.

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

None.

Other Costs (No Profit & Risk added):

Equipment wash prior to move-in = \$500

Logger Option Spur Cost = 1.3 Stations \* \$990.00/STA = \$1,288

Final Road Maintenance = \$5,020

BLM Road Maintenance and Rock Wear Fees = \$6,712.20

TOTAL Other Costs (No Profit and Risk added) = \$15,525.20



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**Logging Conditions**

|                          |                                                                 |                                 |
|--------------------------|-----------------------------------------------------------------|---------------------------------|
| <b>Combination#:</b> 1   | Douglas - Fir                                                   | 100.00%                         |
|                          | Alder (Red)                                                     | 100.00%                         |
| <b>Logging System:</b>   | Cable: Large Tower >=70                                         | <b>Process:</b> Stroke Delimber |
| <b>yarding distance:</b> | Long (1,500 ft)                                                 | <b>downhill yarding:</b> No     |
| <b>tree size:</b>        | Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF |                                 |
| <b>loads / day:</b>      | 8                                                               | <b>bd. ft / load:</b> 4200      |
| <b>cost / mbf:</b>       | \$255.32                                                        |                                 |
| <b>machines:</b>         | Log Loader (A)<br>Stroke Delimber (A)<br>Tower Yarder (Large)   |                                 |

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### Logging Costs

|                            |                           |
|----------------------------|---------------------------|
| Operating Seasons: 2.00    | Profit Risk: 10%          |
| Project Costs: \$63,093.95 | Other Costs (P/R): \$0.00 |
| Slash Disposal: \$0.00     | Other Costs: \$13,520.20  |

Miles of Road

Road Maintenance: \$0.00

| Dirt | Rock<br>(Contractor) | Rock<br>(State) | Paved |
|------|----------------------|-----------------|-------|
| 0.0  | 1.0                  | 0.0             | 0.0   |

Hauling Costs

| Species       | \$ / MBF | Trips/Day | MBF / Load |
|---------------|----------|-----------|------------|
| Douglas - Fir | \$0.00   | 2.0       | 4.2        |
| Alder (Red)   | \$0.00   | 3.0       | 4.2        |



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## Logging Costs Breakdown

| Logging              | Road Maint | Fire Protect | Hauling  | Other P/R appl | Profit & Risk | Slash Disposal | Brand & Paint | Other   | Total    |
|----------------------|------------|--------------|----------|----------------|---------------|----------------|---------------|---------|----------|
| <b>Douglas - Fir</b> |            |              |          |                |               |                |               |         |          |
| \$255.32             | \$1.05     | \$12.95      | \$153.27 | \$0.00         | \$42.26       | \$0.00         | \$2.00        | \$19.94 | \$486.79 |
| <b>Alder (Red)</b>   |            |              |          |                |               |                |               |         |          |
| \$255.32             | \$1.07     | \$12.95      | \$104.17 | \$0.00         | \$37.35       | \$0.00         | \$2.00        | \$19.94 | \$432.80 |

| Specie        | Amortization | Pond Value | Stumpage | Amortized |
|---------------|--------------|------------|----------|-----------|
| Douglas - Fir | \$0.00       | \$770.83   | \$284.04 | \$0.00    |
| Alder (Red)   | \$0.00       | \$497.00   | \$64.20  | \$0.00    |



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### Summary

#### Amortized

| Specie        | MBF | Value  | Total  |
|---------------|-----|--------|--------|
| Douglas - Fir | 0   | \$0.00 | \$0.00 |
| Alder (Red)   | 0   | \$0.00 | \$0.00 |

#### Unamortized

| Specie        | MBF | Value    | Total        |
|---------------|-----|----------|--------------|
| Douglas - Fir | 676 | \$284.04 | \$192,011.04 |
| Alder (Red)   | 2   | \$64.20  | \$128.40     |

#### Gross Timber Sale Value

Recovery: \$192,139.44

Prepared By: Griffin Puls

Phone: --

**Waite Loss Salvage**  
**WL-341-2025-W01206-01**  
**Combined Project Costs**

|                     |                                                                               |              |
|---------------------|-------------------------------------------------------------------------------|--------------|
| Project 1           | Road Brushing                                                                 | \$ 4,281.00  |
| Project 2           | Construct and Compact Sub-grades, Road Improvements, Culverts                 | \$ 4,521.00  |
|                     | Spread and Compact Rock for <u>New Construct</u> and <u>Improvement</u> Roads | \$ 14,507.60 |
|                     | Total Project 2                                                               | \$ 19,028.60 |
| Project 3           | <u>Road Maintenance</u> ; Spread and Compact Rock Lift, Grading               | \$ 35,184.35 |
| Project 4           | Move In                                                                       | \$ 4,600.00  |
| TOTAL PROJECT COSTS |                                                                               | \$ 63,093.95 |



State Timber Sale Contract  
Waite Loss Salvage  
WL-341-2025-W01206-01

Road Brushing Costs

|                           |                             |                             |                             |          |          |
|---------------------------|-----------------------------|-----------------------------|-----------------------------|----------|----------|
| Location                  | 18-9-25.1 BLM<br>Rhody Romp | 18-9-23.4 RRC<br>Richardson | 18-9-23.4 ODF<br>Richardson | I5 to I6 |          |
| Point to Point/Stationing | I-2 to I3                   | I-3 to I-5                  | I-5 to I-4                  |          |          |
| Miles                     | 1.57                        | 0.37                        | 0.32                        | 0.05     | Total    |
| Brushing Intensity        | Light to Medium             | Light to Medium             | Light to Medium             | Medium   |          |
| Cost/mile                 | \$ 1,844                    | \$ 1,844                    | \$ 1,844                    | \$ 2,254 |          |
| Total Cost                | \$ 2,896                    | \$ 682                      | \$ 590                      | \$ 113   | \$ 4,281 |

**Subgrade Construction/Culverts**  
Processing and Decking Right-of-Way Logs Not Included

| Totals    | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B       | 1C to 1D       | TOTAL        |
|-----------|----------------------------|--------------------------|--------------------------|--------------------------|-------------|----------------|----------------|--------------|
| Work Type | Maintenance                | Maintenance              | Maintenance              | Maintenance              | Improvement | Reconstruction | Reconstruction |              |
| Stations  | 173.76                     | 82.85                    | 19.63                    | 16.9                     | 2.5         | 1.3            | 2.65           | 300          |
| Cost/Sta  | \$ 7.00                    | \$ 139.00                | \$ 132.00                | \$ 132.00                | \$ 132.00   | \$ 991.00      | \$ 1,095.00    |              |
| Cost      | \$ 1,285.95                | \$ 11,504.00             | \$ 2,595.00              | \$ 2,235.00              | \$ 331.00   | \$ 1,288.00    | \$ 2,902.00    | \$ 22,141.00 |

**Earthwork**

|                       |                            |                          |                          |                          |             |             |             |             |
|-----------------------|----------------------------|--------------------------|--------------------------|--------------------------|-------------|-------------|-------------|-------------|
| Clearing and Grubbing | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL       |
| Acreage               |                            |                          |                          |                          |             | 0.2         | 0.4         | 0           |
| Cost/Acre             |                            |                          |                          | \$ 1,826.62              | \$ 1,826.62 | \$ 1,826.62 | \$ 1,826.62 |             |
| Total                 | \$ -                       | \$ -                     | \$ -                     | \$ -                     | \$ -        | \$ 366      | \$ 731      | \$ 1,097.00 |

Excavation yards are bank run from State's design

|                                |                            |                          |                          |                          |           |           |           |             |
|--------------------------------|----------------------------|--------------------------|--------------------------|--------------------------|-----------|-----------|-----------|-------------|
| Construction/Excavation        | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6  | 1A to 1B  | 1C to 1D  | TOTAL       |
| Stations                       |                            |                          |                          |                          |           | 1.3       | 2.65      |             |
| \$/Sta                         |                            |                          |                          | \$ 166.68                | \$ 166.68 | \$ 166.68 | \$ 166.68 |             |
| Drift/Excavation Cu Yd w Fluff |                            |                          |                          |                          |           |           |           |             |
| Drift/Excavation \$/yd         |                            |                          |                          | \$ 3.01                  | \$ 3.01   | \$ 3.01   | \$ 3.01   |             |
| Landing Construction           |                            |                          |                          | \$ 531.45                | \$ 531.45 | \$ 531.45 | \$ 531.45 |             |
| Subtotal                       | \$ -                       | \$ -                     | \$ -                     | \$ -                     | \$ -      | \$ 749    | \$ 974    | \$ 1,723.00 |

|                 |                            |                          |                          |                          |          |          |           |             |
|-----------------|----------------------------|--------------------------|--------------------------|--------------------------|----------|----------|-----------|-------------|
| End-haul        | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6 | 1A to 1B | 1C to 1D  |             |
| Cu Yd           |                            | 140                      |                          |                          |          |          | 215       |             |
| \$/yd           |                            | \$3.97                   |                          |                          |          |          | \$3.40    |             |
| End-haul stumps |                            |                          |                          |                          |          |          | \$115.00  |             |
| Subtotal        | \$ -                       | \$ 556.00                | \$ -                     | \$ -                     | \$ -     | \$ -     | \$ 846.00 | \$ 1,402.00 |

|                   |                            |                          |                          |                          |          |          |          |        |
|-------------------|----------------------------|--------------------------|--------------------------|--------------------------|----------|----------|----------|--------|
| Culverts          | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6 | 1A to 1B | 1C to 1D | TOTAL  |
| ACSP              | 1                          |                          |                          |                          |          |          |          |        |
| Length (ft)       | 40                         |                          |                          |                          |          |          |          |        |
| Diameter          | 18                         |                          |                          |                          |          |          |          |        |
| Cost/Foot         | \$ 15.01                   |                          |                          |                          |          |          |          |        |
| Replace culverts  | 1                          |                          |                          |                          |          |          |          |        |
| Banding           | 28                         |                          |                          |                          |          |          |          |        |
| Subtotal          | \$ 627.95                  | \$ -                     | \$ -                     | \$ -                     | \$ -     | \$ -     | \$ -     | \$ 628 |
| Installation Cost | \$ 650                     | \$ -                     | \$ -                     | \$ -                     | \$ -     | \$ -     | \$ -     | \$ 650 |

\* Aluminized Steel was used for costing purposes based on prices as of 06/20/19

**Subgrade Treatment**

|                                   |                            |                          |                          |                          |          |          |          |          |
|-----------------------------------|----------------------------|--------------------------|--------------------------|--------------------------|----------|----------|----------|----------|
| Compaction w/ Roller Surface Rock | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6 | 1A to 1B | 1C to 1D | TOTAL    |
| Road Stations                     | 0.1                        | 82.85                    | 19.63                    | 16.9                     | 2.5      | 1.3      | 2.65     | 119.48   |
| Cost/STA                          | \$ 77.16                   | \$ 77.16                 | \$ 77.16                 | \$ 77.16                 | \$ 77.16 | \$ 77.16 | \$ 77.16 |          |
| Subtotal                          | \$ 8                       | \$ 6,393                 | \$ 1,515                 | \$ 1,305                 | \$ 193   | \$ 101   | \$ 205   | \$ 9,720 |

|                                                        |                            |                          |                          |                          |          |          |          |          |
|--------------------------------------------------------|----------------------------|--------------------------|--------------------------|--------------------------|----------|----------|----------|----------|
| Grade and Shape (Including ditch and culvert cleaning) | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6 | 1A to 1B | 1C to 1D | TOTAL    |
| Road Stations                                          | 0                          | 82.85                    | 19.63                    | 16.9                     | 2.5      | 1.3      | 2.65     | 119.38   |
| Cost/STA                                               | \$ -                       | \$ 54.98                 | \$ 54.98                 | \$ 54.98                 | \$ 54.98 | \$ 54.98 | \$ 54.98 |          |
| Subtotal                                               | \$ -                       | \$ 4,555                 | \$ 1,080                 | \$ 930                   | \$ 138   | \$ 72    | \$ 146   | \$ 6,921 |

|                  |          |
|------------------|----------|
| Move In Cost     | Initial  |
| D-7 Cat          | \$ 1,000 |
| Dump Truck       | \$ 200   |
| Grader           | \$ 800   |
| Small Excavator  | \$ 500   |
| Vibratory Roller | \$ 500   |
| Water Truck      | \$ 100   |
| Large Excavator  | \$ 1,500 |

Project Cost \$ 22,141.00

Move In Cost \$ 4,600

Total Cost \$ 26,741.00

Due to rounding, the numbers in the table above may not add up to the totals shown.

|                                                                                                                                  |                            |                          |                          |                          |             |             |             |           |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------|--------------------------|--------------------------|-------------|-------------|-------------|-----------|
| State Timber Sale Contract<br>WL-341-2025-W01206-01<br>Waite Loss Salvage                                                        |                            |                          |                          | Rocking and Compaction   |             |             |             |           |
| Rock Source:                                                                                                                     |                            |                          |                          | Commercial               |             |             |             |           |
| Rock Quantity (Inplace)                                                                                                          |                            |                          |                          |                          |             |             |             |           |
| Base Rock                                                                                                                        | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Rock Size                                                                                                                        | 3'-0"                      | 3'-0"                    | 3'-0"                    | 3'-0"                    | 3'-0"       | 3'-0"       | 3'-0"       |           |
| Stations                                                                                                                         |                            |                          |                          |                          |             | 1.30        | 2.65        | 4.00      |
| Approx yds/sta                                                                                                                   |                            |                          |                          |                          |             | 33          | 33          |           |
| Subtotal base (cu. yds)                                                                                                          | 0                          | 0                        | 0                        | 0                        | 0           | 40          | 90          | 130       |
| Cap Rock                                                                                                                         | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Rock Size                                                                                                                        | 1 1/2"-0"                  | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"   | 1 1/2"-0"   | 1 1/2"-0"   |           |
| Stations                                                                                                                         | 0.00                       | 0.00                     | 0.00                     | 5.90                     | 0.00        | 1.30        | 2.65        | 10.00     |
| Approx yds/sta                                                                                                                   |                            |                          |                          | 11                       |             | 11          | 11          |           |
| Subtotal cap (cu. yds)                                                                                                           | 0                          | 0                        | 0                        | 60                       | 0           | 10          | 30          | 100       |
| Landings                                                                                                                         | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Rock Size                                                                                                                        | Pit Run                    | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| # of landings                                                                                                                    |                            |                          |                          |                          |             | 1.00        | 1.00        | 2.00      |
| Approx yds/sta                                                                                                                   |                            |                          |                          |                          |             | 40          | 40          |           |
| Subtotal (cu. yds)                                                                                                               | 0                          | 0                        | 0                        | 0                        | 0           | 40          | 40          | 80        |
| Rock Ditch Filter / Turnaround Rock                                                                                              | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Rock Size                                                                                                                        | Pit Run                    | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| Rock Ditch Filter Sets and Turn-Arounds                                                                                          | 7                          |                          |                          |                          | 1           |             |             | 8.00      |
| Approx cu. yds                                                                                                                   | 1.5                        |                          |                          |                          | 30          |             |             |           |
| Subtotal                                                                                                                         | 10                         | 0                        | 0                        | 0                        | 30          | 0           | 0           | 40        |
| Spot and Curve Widening Rock                                                                                                     | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Rock Size                                                                                                                        | 1 1/2"-0"                  | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"   | 3'-0"       | 3'-0"       |           |
| Number of Points                                                                                                                 | 10                         | 5                        | 10                       |                          |             |             |             |           |
| Approx cu. yds                                                                                                                   | 10                         | 10                       | 10                       |                          |             |             |             |           |
| Subtotal                                                                                                                         | 100                        | 50                       | 100                      | 0                        | 0           | 0           | 0           | 250       |
| Backfill/ Drain Rock                                                                                                             | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Rock Size                                                                                                                        | 1 1/2"-0"                  | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| Number of Points                                                                                                                 | 1                          |                          |                          |                          |             |             |             |           |
| Approx cu. yds                                                                                                                   | 30                         |                          |                          |                          |             |             |             | 30.00     |
| Subtotal                                                                                                                         | 30                         | 0                        | 0                        | 0                        | 0           | 0           | 0           | 30        |
| Energy Disipator/ Rip Rap Rock                                                                                                   | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Rock Size                                                                                                                        | Pit Run                    | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| Number of Points                                                                                                                 | 1                          |                          |                          |                          |             |             |             |           |
| Approx cu. yds                                                                                                                   | 5                          |                          |                          |                          |             |             |             | 5.00      |
| Subtotal                                                                                                                         | 10                         | 0                        | 0                        | 0                        | 0           | 0           | 0           | 10        |
| Cubic Yards                                                                                                                      | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | Total     |
| Total Rock Volume                                                                                                                | 150                        | 50                       | 100                      | 60                       | 30          | 90          | 160         | 640       |
| ROCK COST (Rock + Delivery)                                                                                                      |                            |                          |                          |                          |             |             |             |           |
| Road Segment/Name                                                                                                                | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Base Rock                                                                                                                        | 3'-0"                      | 3'-0"                    | 3'-0"                    | 3'-0"                    | 3'-0"       | 3'-0"       | 3'-0"       |           |
| Approx cu. yds                                                                                                                   | 0                          | 0                        | 0                        | 0                        | 0           | 40          | 90          | 130       |
| Cost/yd (includes load/spread)                                                                                                   | \$ 48.26                   | \$ 48.26                 | \$ 48.26                 | \$ 48.26                 | \$ 48.26    | \$ 48.26    | \$ 48.26    |           |
| Subtotal Cost                                                                                                                    | \$ -                       | \$ -                     | \$ -                     | \$ -                     | \$ -        | \$ 1,930    | \$ 4,343    | \$ 6,273  |
| Cap Rock                                                                                                                         | 1 1/2"-0"                  | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"   | 1 1/2"-0"   | 1 1/2"-0"   |           |
| Approx cu. yds                                                                                                                   | 0                          | 0                        | 0                        | 60                       | 0           | 10          | 30          | 100       |
| Cost/yd (includes load/spread)                                                                                                   | \$ 48.96                   | \$ 48.96                 | \$ 48.96                 | \$ 48.96                 | \$ 48.96    | \$ 48.96    | \$ 48.96    |           |
| Subtotal Cost                                                                                                                    | \$ -                       | \$ -                     | \$ -                     | \$ 2,938                 | \$ -        | \$ 490      | \$ 1,469    | \$ 4,897  |
| Landing Rock                                                                                                                     | Pit Run                    | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| Approx cu. yds                                                                                                                   | 0                          | 0                        | 0                        | 0                        | 0           | 40          | 40          | 80        |
| Cost/yd (includes load/spread)                                                                                                   | \$ 40.56                   | \$ 40.56                 | \$ 40.56                 | \$ 40.56                 | \$ 40.56    | \$ 40.56    | \$ 40.56    |           |
| Subtotal Cost                                                                                                                    | \$ -                       | \$ -                     | \$ -                     | \$ -                     | \$ -        | \$ 1,622.40 | \$ 1,622.40 | \$ 3,244  |
| Turnout/Around Rock                                                                                                              | Pit Run                    | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| Approx cu. yds                                                                                                                   | 10                         | 0                        | 0                        | 0                        | 30          | 0           | 0           | 40        |
| Cost/yd (includes load/spread)                                                                                                   | \$ 40.56                   | \$ 40.56                 | \$ 40.56                 | \$ 40.56                 | \$ 40.56    | \$ 40.56    | \$ 40.56    |           |
| Subtotal Cost                                                                                                                    | \$ 405.60                  | \$ -                     | \$ -                     | \$ -                     | \$ 1,216.80 | \$ -        | \$ -        | \$ 1,623  |
| Spot and Curve Widening Rock                                                                                                     | 1 1/2"-0"                  | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"                | 1 1/2"-0"   | 3'-0"       | 3'-0"       |           |
| Approx cu. yds                                                                                                                   | 100                        | 50                       | 100                      | 0                        | 0           | 0           | 0           | 250       |
| Cost/yd (includes load/spread)                                                                                                   | \$ 48.96                   | \$ 48.96                 | \$ 48.96                 | \$ 48.96                 | \$ 48.96    | \$ 48.26    | \$ 48.26    |           |
| Subtotal Cost                                                                                                                    | \$ 4,896.00                | \$ 2,448.00              | \$ 4,896.00              | \$ -                     | \$ -        | \$ -        | \$ -        | \$ 12,240 |
| Backfill/ Drain Rock                                                                                                             | 1 1/2"-0"                  | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| Approx cu. yds                                                                                                                   | 30                         | 0                        | 0                        | 0                        | 0           | 0           | 0           | 30        |
| Cost/yd (includes load/spread)                                                                                                   | \$ 48.96                   | \$ 40.56                 | \$ 40.56                 | \$ 40.56                 | \$ 40.56    | \$ 40.56    | \$ 40.56    |           |
| Subtotal Cost                                                                                                                    | \$ 1,469                   | \$ -                     | \$ -                     | \$ -                     | \$ -        | \$ -        | \$ -        | \$ 1,469  |
| Energy Disipator/ Rip Rap Rock                                                                                                   | Pit Run                    | Pit Run                  | Pit Run                  | Pit Run                  | Pit Run     | Pit Run     | Pit Run     |           |
| Approx cu. yds                                                                                                                   | 10                         | 0                        | 0                        | 0                        | 0           | 0           | 0           | 10        |
| Cost/yd (includes load/spread)                                                                                                   | \$ 40.56                   | \$ 40.56                 | \$ 40.56                 | \$ 40.56                 | \$ 40.56    | \$ 40.56    | \$ 40.56    |           |
| Subtotal Cost                                                                                                                    | \$ 405.60                  | \$ -                     | \$ -                     | \$ -                     | \$ -        | \$ -        | \$ -        | \$ 406    |
| Grand total quarry approx yds                                                                                                    | 150                        | 50                       | 100                      | 60                       | 30          | 90          | 160         | 640       |
| Total Quarry Rock Cost                                                                                                           | \$ 7,176                   | \$ 2,448                 | \$ 4,896                 | \$ 2,938                 | \$ 1,217    | \$ 4,042    | \$ 7,435    | \$ 30,152 |
| Compaction w/Processing (Stations)                                                                                               | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | TOTAL     |
| Cost/cu. Yds                                                                                                                     | \$3.00                     | \$3.00                   | \$3.00                   | \$3.00                   | \$3.00      | \$3.00      | \$3.00      |           |
| Subtotal Processing                                                                                                              | \$ 450                     | \$ 150                   | \$ 300                   | \$ 180                   | \$ 90       | \$ 270      | \$ 480      | \$ 1,920  |
| \$/yd <sup>3</sup> rock in place & compacted                                                                                     | 18-8-17.0 BLM Linslaw Road | 18-9-25.1 BLM Rhody Romp | 18-9-23.4 RRC Richardson | 18-9-23.4 ODF Richardson | I5 to I6    | 1A to 1B    | 1C to 1D    | Total     |
| Total Rock Costs                                                                                                                 | \$7,626                    | \$2,598                  | \$5,196                  | \$3,118                  | \$1,307     | \$4,312     | \$7,915     | \$ 32,072 |
| Move-in included in subgrade construction<br>Due to rounding, the numbers in the table above may not add up to the totals shown. |                            |                          |                          |                          |             |             |             |           |

End Haul For Road

| Summary                         |            |
|---------------------------------|------------|
| Total Loose Truck Haul Cu. Yds. | 358        |
| Total End Haul Costs            | \$1,297.26 |
| Avg Cost/ Cu. Yds.              | \$ 3.63    |

| Spur Name                            | In Place (yds^3) | Fill Type | Truck | In Fill | Clean Fill | WA  | Distance | Cost/yd | Haul Cost |
|--------------------------------------|------------------|-----------|-------|---------|------------|-----|----------|---------|-----------|
| 18-9-25.1 BLM Rhody Romp<br>1C to 1D | 100              | E2        | 143   | 91      | 73         | WA1 | 0.30     | 3.97    | \$568.41  |
|                                      | 150              | E2        | 215   | 137     | 109        | WA2 | 0.19     | 3.40    | \$728.85  |

|                                 |     |
|---------------------------------|-----|
| Loose Truck Haul Total Cu. Yds. | 358 |
| In-Fill Total Cu. Yds.          | 228 |

|                     |            |
|---------------------|------------|
| Total End Haul Cost | \$1,297.26 |
| Avg Cost/yd         | \$3.63     |

Waste Area Endhaul

|                         |           |           |           |
|-------------------------|-----------|-----------|-----------|
| Hourly Costs            | WA1       | WA2       | WA3       |
| Hourly Rate for a truck | \$105     | \$105     | \$105     |
| Number of trucks        | 1         | 1         | 1         |
| Excavator + Operator    | \$ 174.00 | \$ 174.00 | \$ 174.00 |
| Total                   | \$ 279.00 | \$ 279.00 | \$ 279.00 |
| Haul Speed              | 10        | 10        | 10        |
| Distance                | 0.30      | 0.19      | 5.05      |
| Time                    | 0.06      | 0.04      | 1.01      |
| Dump and Load           | 0.08      | 0.08      | 0.083     |
| total time              | 0.14      | 0.12      | 1.093     |
| Loads per hr            | 7         | 8.2       | 0.9       |
| Yds per hr              | 70.19     | 82.11     | 9.15      |
| Cost per Cu. Yd         | \$ 3.97   | \$ 3.40   | \$ 30.49  |

|                                      |       |         |
|--------------------------------------|-------|---------|
| Expansion Factors                    | Truck | In Fill |
| 75 % Rock 25 % Earth (E1)            | 1.31  | 1.12    |
| 75% Earth 25% Rock (E2)              | 1.43  | 0.91    |
| Clean Fill 80% of Earth Rock Mixture |       | 0.8     |

Note: Costing is based off an average haul speed of 10mph, **10 Cu. Yds. end dump trucks.** 1 excavator, Dump and Load time 5min/trip.

State Timber Sale Contract  
WL-341-2025-W01206-01

678 MBF

### Final Road Maintenance Cost Summary

| <b>Totals</b>     | 18-9-36.0<br>WeyCo<br>Linslaw Road | 18-9-23.4 RRC<br>Richardson | 18-9-23.4 ODF<br>Richardson | 1A to 1B         | 1C to 1D         | <b>TOTAL</b>    |
|-------------------|------------------------------------|-----------------------------|-----------------------------|------------------|------------------|-----------------|
| Stations          | 35.9                               | 16.9                        | 19.6                        | 1.3              | 2.65             |                 |
| Cost/Sta          | \$ 40.36                           | \$ 31.82                    | \$ 18.35                    | \$ 95.27         | \$ 56.09         |                 |
| <b>Total Cost</b> | <b>\$ 1,448.98</b>                 | <b>\$ 537.78</b>            | <b>\$ 359.66</b>            | <b>\$ 123.86</b> | <b>\$ 148.63</b> | <b>\$ 2,620</b> |

| <b>Spot Rocking</b> | 18-9-36.0<br>WeyCo<br>Linslaw Road | 18-9-23.4 RRC<br>Richardson | 18-9-23.4 ODF<br>Richardson | 1A to 1B | 1C to 1D | <b>TOTAL</b>    |
|---------------------|------------------------------------|-----------------------------|-----------------------------|----------|----------|-----------------|
| Total Yds           | 16.14                              | 4.7                         |                             |          |          |                 |
| Rock Size           | 1 1/2"-0"                          | 1 1/2"-0"                   |                             |          |          |                 |
| \$/yd               | \$48.96                            | \$48.96                     |                             |          |          |                 |
| Subtotal            | \$ 790                             | \$ 228                      | \$ -                        | \$ -     | \$ -     | <b>\$ 1,018</b> |

| <b>Grade,Shape &amp; Pull<br/>Ditches</b> | 18-9-36.0<br>WeyCo<br>Linslaw Road | 18-9-23.4 RRC<br>Richardson | 18-9-23.4 ODF<br>Richardson | 1A to 1B | 1C to 1D | <b>TOTAL</b>    |
|-------------------------------------------|------------------------------------|-----------------------------|-----------------------------|----------|----------|-----------------|
| Stations                                  | 35.90                              | 16.90                       | 19.60                       | 1.30     | 2.65     |                 |
| \$/STA                                    | \$ 18.35                           | \$ 18.35                    | \$ 18.35                    | \$ 18.35 | \$ 18.35 |                 |
| Subtotal                                  | \$ 659                             | \$ 310                      | \$ 360                      | \$ 24    | \$ 49    | <b>\$ 1,402</b> |

| <b>Landing clean up</b> | 18-9-36.0<br>WeyCo<br>Linslaw Road | 18-9-23.4 RRC<br>Richardson | 18-9-23.4 ODF<br>Richardson | 1A to 1B  | 1C to 1D  | <b>TOTAL</b>  |
|-------------------------|------------------------------------|-----------------------------|-----------------------------|-----------|-----------|---------------|
| Stations                |                                    |                             |                             | 1.00      | 1.00      |               |
| \$/STA                  |                                    |                             |                             | \$ 100.00 | \$ 100.00 |               |
| Subtotal                | \$ -                               | \$ -                        | \$ -                        | \$ 100    | \$ 100    | <b>\$ 200</b> |

| <b>Move In</b> | Initial |
|----------------|---------|
| Grader         | \$ 500  |
| Dump Truck     | \$ 200  |

Move in costs associated with one entry for the entire project

**Total Final Maintenance Costs** **\$ 5,020**

Notes:

Roseburg Resources rock replacement and final maintenance road use agreement requirements included above.  
*Quantity estimated from Volume. Actual volume hauled determines rock quantity.*

Weyerhaeuser Rock Replacement and Final Maintenance road use agreement requirements included above.  
*Quantity estimated from Volume. Actual volume hauled determines rock quantity.*

**"Other Costs" with Profit and Risk to be Added:**

None

**Total "Other Costs" with Profit and Risk to be Added:**

**\$0**



**"Other Costs" With No Additional Profit and Risk**

|                                                                | <u>Units</u> | <u>Quantity</u> | <u>Cost/Unit</u> | <u>Total Cost</u>   |
|----------------------------------------------------------------|--------------|-----------------|------------------|---------------------|
| Equipment wash prior to move-in                                | Operation    |                 |                  | \$ 500              |
| Logger Option Road Cost                                        | Operation    |                 |                  | \$ 1,288            |
| BLM Road Use Fees                                              | Operation    |                 |                  | \$ 6,712.20         |
| Final Road Maintenance                                         | Operation    |                 |                  | \$ 5,020            |
| <b>Total "Other Costs" With No Additional Profit and Risk:</b> |              |                 |                  | <b>\$ 13,520.20</b> |
| <b>Cost per MBF</b>                                            | 678          | MBF             |                  | <b>\$ 19.94</b>     |

# Cruise Report

Waite Loss

SALE #WL-341-2025-W01206-01

**Sale Area:** Portions of Section 24, T18S, R9W, W.M., Lane County, Oregon. This sale is a one-unit sale with approximately 38.6 harvestable acres. There is approximately a 1-acre stream buffer. Acres were determined using a combination of aerial photos, GPS, GIS, and topographic maps.

**Stand Description:** Waite Loss is a 41-year-old stand dominated by Douglas-fir. The understory consists primarily of evergreen huckleberry, rhododendron, salal and sword fern. Minor hardwood species include golden chinquapin, cherry, alder, and big leaf maple. This unit has a significant amount of blowdown as well as broken tops. Slopes range from 40-65% and from 0-50% in draws and on the ridge tops. This unit has two perennial streams that are buffered.

**Computation Procedures:** Volume was computed by cruising 11 plots within the timber sale. Grade breakout was completed in the field. Red alder was not picked up in the cruise, however there is a small component of merchantable hardwood which is represented in the Volume Table.

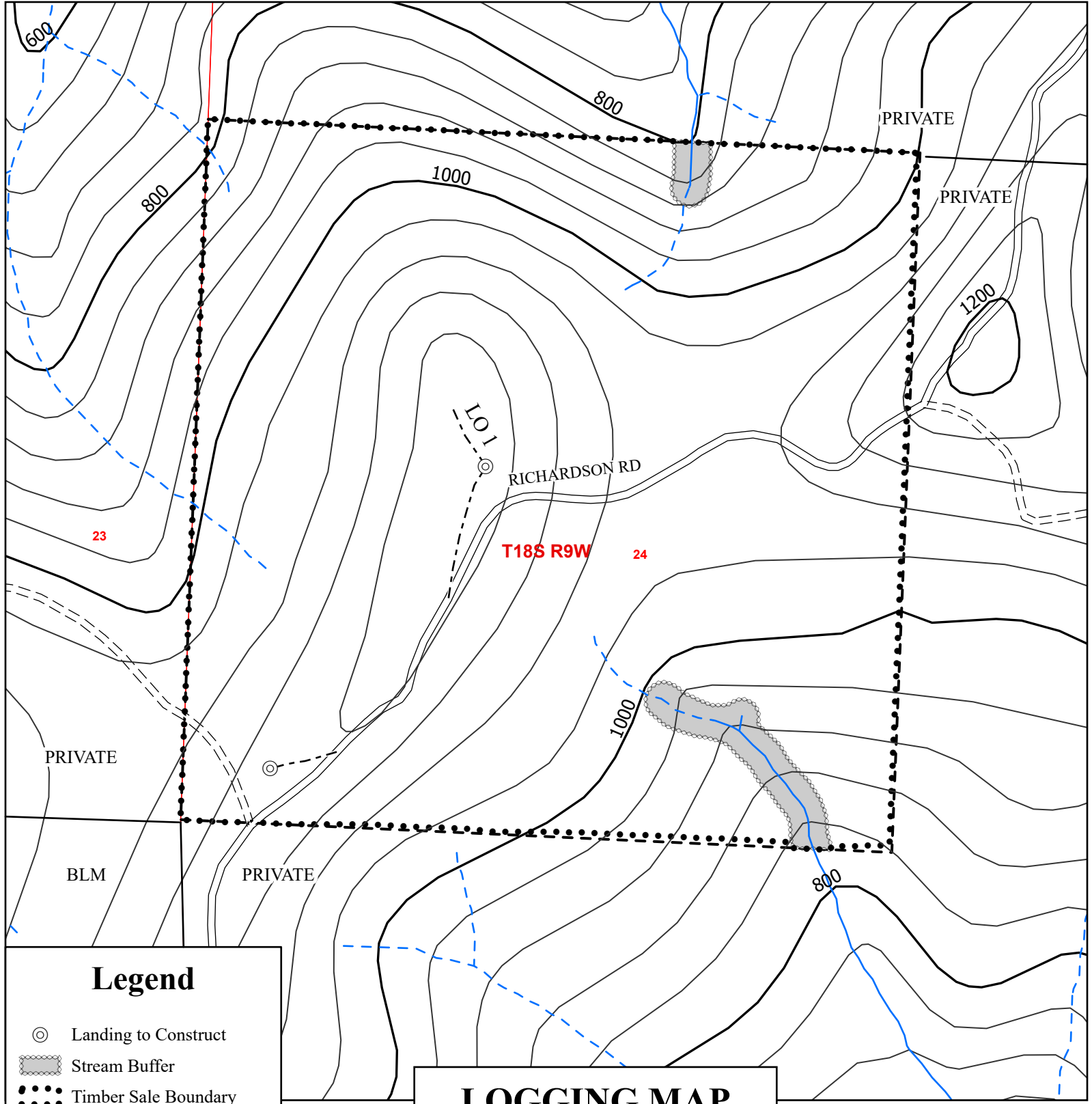
**Volume Table:**

| Species     | AVG.<br>DBH | Total<br>MBF | Grades by MBF |     |                      |            |
|-------------|-------------|--------------|---------------|-----|----------------------|------------|
|             |             |              | 2S            | 3S  | 4S                   | Camp Run   |
| Douglas-fir | 14          | 676          | 14            | 452 | 210                  | --         |
| Alder       |             | 2            |               |     |                      | 2          |
|             |             |              |               |     |                      |            |
|             |             |              |               |     | <b>Total<br/>MBF</b> | <b>678</b> |

Merchantable (MBF): 678

Merchantable (MBF)/Acre: 17.6

\*Numbers may differ due to rounding



### Legend

- Landing to Construct
- Stream Buffer
- Timber Sale Boundary
- ODF Managed Land

### Roads

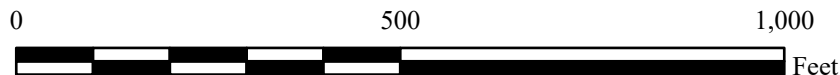
- All weather
- Dirt
- New Road Construction

### Streams

- Fish
- Non-Fish
- Seasonal Non-Fish

## LOGGING MAP

OF TIMBER SALE CONTRACT NO. WL-341-2025-W01206-01  
WAITE LOSS SALVAGE  
PORTIONS OF SECTION 24 of T18S R09W, W.M.  
LANE COUNTY, OREGON



This product is for informational use and may not have been prepared for, or suitable for legal, engineering, or surveying purposes.

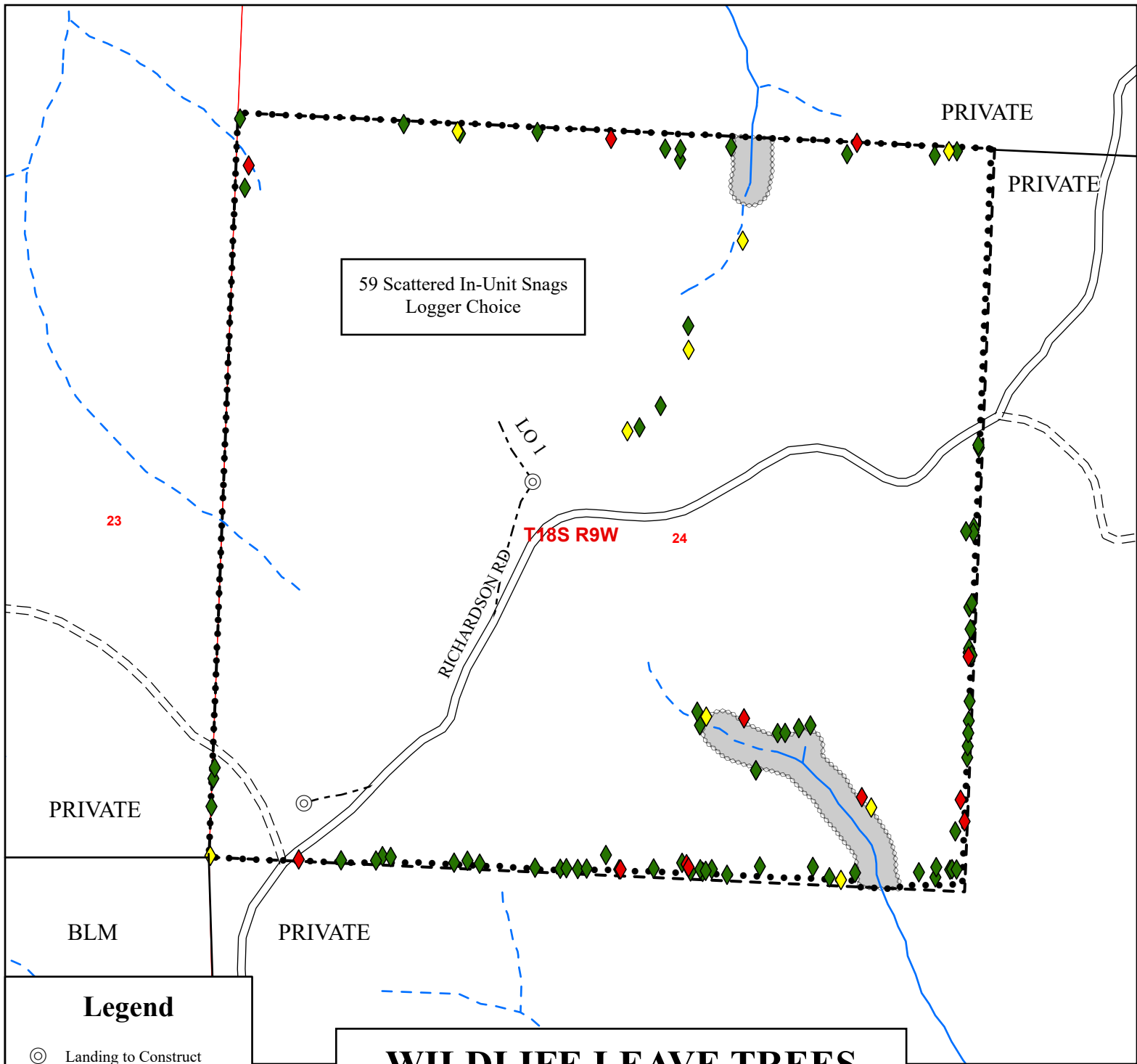


"STEWARDSHIP IN FORESTRY"

Yarding  
Cable: 100%

Net Acres = 39  
Scale 1:3,000  
Contours = 40ft



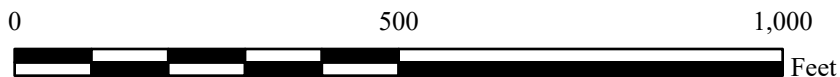


## Legend

- ⊙ Landing to Construct
- ▨ Stream Buffer
- ⋯ Timber Sale Boundary
- ▤ ODF Managed Land
- Roads**
  - All weather
  - - - Dirt
  - - - New Road Construction
- Streams**
  - Non-Fish
  - - - Seasonal Non-Fish
- Leave Trees**
  - ◆ Conifer
  - ◆ Hardwood
  - ◆ Snag

## WILDLIFE LEAVE TREES

OF TIMBER SALE CONTRACT NO. WL-341-2025-W01206-01  
 WAITE LOSS SALVAGE  
 PORTIONS OF SECTION 24 of T18S R09W, W.M.  
 LANE COUNTY, OREGON



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| Sale Unit     | Net Acreage | Conifer (Upland) | Hardwood (Upland) | Logger Choice | Snags (15+ DBH) | Total Leave Trees | Green Trees Per Acre |
|---------------|-------------|------------------|-------------------|---------------|-----------------|-------------------|----------------------|
| 1             | 38.6        | 75               | 12                | 59            | 9               | 155               | 4.02                 |
| <b>Totals</b> | <b>38.6</b> | <b>75</b>        | <b>12</b>         |               | <b>9</b>        | <b>155</b>        | <b>4.02</b>          |



"STEWARDSHIP IN FORESTRY"



Net Acres:  
 Unit 1 = 39  
 Scale 1:3,000  
 1" = 250'