



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal  
Eastern Yaq Combo  
Sale WO-341-2022-W00678-01

District: West Oregon

Date: June 30, 2021

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**Cost Summary**

|                         | Conifer      | Hardwood          | Total         |
|-------------------------|--------------|-------------------|---------------|
| Gross Timber Sale Value | \$813,709.14 | \$0.00            | \$813,709.14  |
|                         |              | Project Work:     | (\$71,166.00) |
|                         |              | Advertised Value: | \$742,543.14  |



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**Timber Description**

**Location:** Portions of Sections 19 & 30, T10S, R7W, W.M. & Section 16, T11S, R7W, W.M., Benton County, Oregon.

**Stand Stocking:** 60%

| Specie Name   | AvgDBH | Amortization (%) | Recovery (%) |
|---------------|--------|------------------|--------------|
| Douglas - Fir | 13     | 0                | 97           |

| Volume by Grade | 2S  | 3S & 4S 6"-11" | Total |
|-----------------|-----|----------------|-------|
| Douglas - Fir   | 255 | 2,288          | 2,543 |
| Total           | 255 | 2,288          | 2,543 |

**Comments:** Pond Values Used: Local Pond Values, May 2021

Western Hemlock and Other Conifers Stumpage Price = Pond Value minus Logging Cost:  
 $\$74.36/\text{MBF} = \$510/\text{MBF} - \$436.64/\text{MBF}$

Red Alder and Other Hardwoods Stumpage Price = Pond Value minus Logging Cost:  
 $\$263.36/\text{MBF} = \$700/\text{MBF} - \$436.64/\text{MBF}$

Western Redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost:  
 $\$833.36/\text{MBF} = \$1270/\text{MBF} - \$436.64/\text{MBF} - \$150/\text{MBF}$  (Extra Haul Cost)

PULP (Conifer and Hardwood Price) =  $\$2.50/\text{TON}$

Other Costs (with Profit & Risk to be added):  
Intermediate Support/Tail Trees: 11 supports @  $\$100/\text{support} = \$1,100$ .  
Controlled Felling: 2.7 acres @  $\$200/\text{acre} = \$540$

TOTAL Other Costs (with Profit & Risk to be added) =  $\$1,640$

Other Costs (No Profit & Risk added):  
Equipment Cleaning (Invasive Species):  $\$2,000$   
Water Bar and Block Dirt Roads: 43 Stations @  $\$15.96/\text{Station} = \$686$   
Remove Temporary Culverts (Unit 3) & Restore Stream Banks to Natural Condition: 2 Culverts @  $\$220/\text{Culvert} = \$440$   
Haul Culverts to ODF Office:  $\$100$   
Landing Slash Piling and Sorting Out Firewood: 5 Landings @  $\$180/\text{Landing} = \$900$   
Landing Slash Piling: 8 Landings @  $\$100/\text{Landing} = \$800$   
1 Temporary Stream Crossing w/ Log Loader (Unit 5):  
    2 Hrs @  $\$145/\text{Hr} = \$290$   
    2 Hrs Labor @  $\$45/\text{Hr} = \$90$   
    3 Straw Bales @  $\$12/\text{bale} = \$36$   
    Total Temp Stream Crossing =  $\$416$

TOTAL Other Costs (No Profit & Risk added) =  $\$5,342$

ROAD MAINTENANCE  
Move-in: (Grader)  $\$875$   
Final Road Maintenance:  $\$17,003$   
TOTAL Road Maintenance:  $\$17,878/2,544\text{MBF} = \$7.03/\text{MBF}$



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**Logging Conditions**

|                          |                                                                                      |                          |                          |
|--------------------------|--------------------------------------------------------------------------------------|--------------------------|--------------------------|
| <b>Combination#:</b>     | <b>1</b>                                                                             | Douglas - Fir            | 15.62%                   |
| <b>Logging System:</b>   | Cable: Medium Tower >40 - <70                                                        | <b>Process:</b>          | Manual Falling/Delimbing |
| <b>yarding distance:</b> | Long (1,500 ft)                                                                      | <b>downhill yarding:</b> | No                       |
| <b>tree size:</b>        | Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF                                 |                          |                          |
| <b>loads / day:</b>      | 5                                                                                    | <b>bd. ft / load:</b>    | 3700                     |
| <b>cost / mbf:</b>       | \$356.76                                                                             |                          |                          |
| <b>machines:</b>         | Log Loader (A)<br>Tower Yarder (Medium)                                              |                          |                          |
| <b>Combination#:</b>     | <b>2</b>                                                                             | Douglas - Fir            | 29.51%                   |
| <b>Logging System:</b>   | Cable: Medium Tower >40 - <70                                                        | <b>Process:</b>          | Manual Falling/Delimbing |
| <b>yarding distance:</b> | Medium (800 ft)                                                                      | <b>downhill yarding:</b> | No                       |
| <b>tree size:</b>        | Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF                                 |                          |                          |
| <b>loads / day:</b>      | 6                                                                                    | <b>bd. ft / load:</b>    | 3700                     |
| <b>cost / mbf:</b>       | \$297.30                                                                             |                          |                          |
| <b>machines:</b>         | Log Loader (A)<br>Tower Yarder (Medium)                                              |                          |                          |
| <b>Combination#:</b>     | <b>3</b>                                                                             | Douglas - Fir            | 20.35%                   |
| <b>Logging System:</b>   | Track Skidder                                                                        | <b>Process:</b>          | Feller Buncher           |
| <b>yarding distance:</b> | Medium (800 ft)                                                                      | <b>downhill yarding:</b> | No                       |
| <b>tree size:</b>        | Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF                                 |                          |                          |
| <b>loads / day:</b>      | 12                                                                                   | <b>bd. ft / load:</b>    | 3700                     |
| <b>cost / mbf:</b>       | \$92.10                                                                              |                          |                          |
| <b>machines:</b>         | Log Loader (B)<br>Stroke Delimber (B)<br>Feller Buncher w/ Delimber<br>Track Skidder |                          |                          |
| <b>Combination#:</b>     | <b>4</b>                                                                             | Douglas - Fir            | 34.53%                   |
| <b>Logging System:</b>   | Cable: Medium Tower >40 - <70                                                        | <b>Process:</b>          | Manual Falling/Delimbing |
| <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>      | 5.5                                                                                  | <b>bd. ft / load:</b>    | 3800                     |
| <b>cost / mbf:</b>       | \$315.79                                                                             |                          |                          |
| <b>machines:</b>         | Log Loader (A)<br>Tower Yarder (Medium)                                              |                          |                          |



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### Logging Costs

|                            |                               |
|----------------------------|-------------------------------|
| Operating Seasons: 3.00    | Profit Risk: 12%              |
| Project Costs: \$71,166.00 | Other Costs (P/R): \$1,640.00 |
| Slash Disposal: \$0.00     | Other Costs: \$5,342.00       |

#### Miles of Road

Road Maintenance: \$7.03

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

#### Hauling Costs

| Species       | \$ / MBF | Trips/Day | MBF / Load |
|---------------|----------|-----------|------------|
| Douglas - Fir | \$0.00   | 3.0       | 3.2        |



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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    |
|---------------|------------|--------------|----------|----------------|---------------|----------------|---------------|--------|----------|
| Douglas - Fir |            |              |          |                |               |                |               |        |          |
| \$271.21      | \$7.24     | \$5.18       | \$101.93 | \$0.64         | \$46.34       | \$0.00         | \$2.00        | \$2.10 | \$436.64 |

| Specie        | Amortization | Pond Value | Stumpage | Amortized |
|---------------|--------------|------------|----------|-----------|
| Douglas - Fir | \$0.00       | \$756.62   | \$319.98 | \$0.00    |



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**Summary**

**Amortized**

| Specie        | MBF | Value  | Total  |
|---------------|-----|--------|--------|
| Douglas - Fir | 0   | \$0.00 | \$0.00 |

**Unamortized**

| Specie        | MBF   | Value    | Total        |
|---------------|-------|----------|--------------|
| Douglas - Fir | 2,543 | \$319.98 | \$813,709.14 |

**Gross Timber Sale Value**

**Recovery:** \$813,709.14

**Prepared By:** Zane Sandborg

**Phone:** 541-929-9163

## SUMMARY OF ALL PROJECT COSTS

Sale Name: Eastern Yaq Combo

Date: May 2021

Time: 14:22

### Project #1 - New Construction

| <u>Road Segment</u> | <u>Length</u> | <u>Cost</u> |
|---------------------|---------------|-------------|
| Pt. A to Pt. B      | 9.4 sta       | \$4,018     |
| Pt. C to Pt. D      | 5.8 sta       | \$3,350     |
| <hr/>               |               |             |
| <b>TOTALS</b>       | 15.2 sta      | \$7,368     |

### Project #2 - Road Improvement

| <u>Road Segment</u> | <u>Length</u> | <u>Cost</u> |
|---------------------|---------------|-------------|
| Pt. 1 to Pt. 2      | 183.0 sta     | \$14,387    |
| Pt. 2 to Pt. 3      | 15.4 sta      | \$1,245     |
| Pt. 4 to Pt. 5      | 17.7 sta      | \$273       |
| Pt. 6 to Pt. 7      | 13.2 sta      | \$203       |
| Pt. 8 to Pt. 9      | 2.0 sta       | \$1,075     |
| Pt. 10 to Pt. 11    | 57.1 sta      | \$16,153    |
| Pt. 12 to Pt. 13    | 0.9 sta       | \$1,483     |
| Pt. 14 to Pt. 15    | 6.0 sta       | \$1,770     |
| Pt. 16 to Pt. 17    | 11.5 sta      | \$5,243     |
| Pt. 18 to Pt. 19    | 23.7 sta      | \$365       |
| Pt. 20 to Pt. 21    | 14.6 sta      | \$225       |
| Pt. 22 to Pt. 23    | 14.6 sta      | \$3,450     |
| <hr/>               |               |             |
| <b>TOTALS</b>       | 359.7 sta     | \$45,872    |

### Project #3 - Road Brushing

| <u>Length</u> | <u>Cost</u> |
|---------------|-------------|
| 5.4 mi        | \$4,821     |

### Project #4 - Gate Instalation

| <u>Quantity</u> | <u>Cost</u> |
|-----------------|-------------|
| 1               | \$5,797     |

### Project #5 - Move in

|                            |    | <u>Cost</u> |
|----------------------------|----|-------------|
| Grader, Cat 14-G or equiv. | x2 | \$1,750     |
| Vibratory roller           | x2 | \$1,750     |
| Road Brusher               | x1 | \$778       |
| Excavator, C325 or equiv.  | x1 | \$905       |
| Backhoe, C580 or equiv.    | x1 | \$375       |
| Dozer, D6 or equiv.        | x2 | \$1,750     |
| <hr/>                      |    |             |
| <b>TOTALS</b>              |    | \$7,308     |

**GRAND TOTAL**

**\$71,166**

Compiled by

Zane Sandborg

Date

05/25/2021



# SUMMARY OF CONSTRUCTION COST

SALE Eastern Yaq Combo Project # 1 LENGTH construct 9.4 sta  
ROAD Pt. A to Pt. B (Unsurfaced)

## CLEARING & GRUBBING

0.65 ac @ \$1,337.00 /ac = \$869

TOTAL CLEARING & GRUBBING = \$869

## EXCAVATION

|                                          |             |   | <u>Rate</u>   |   |         |
|------------------------------------------|-------------|---|---------------|---|---------|
| Road construction (with excavator)       | 6 sta       | @ | \$214.00 /sta | = | \$1,284 |
| Road construction (with dozer)           | 3.4 sta     | @ | \$138.00 /sta | = | \$469   |
| Construct Landing (Pt. B)                | 1 Ldg       | @ | \$438.00 /Ldg | = | \$438   |
| Construct turnaround (Sta. 8+15)         | 1 TA        | @ | \$50.00 /TA   | = | \$50    |
| Shape subgrade (with road grader)        | 9.4 sta     | @ | \$20.63 /sta  | = | \$194   |
| Compact subgrade (with vibratory roller) | 9.4 sta     | @ | \$16.00 /sta  | = | \$150   |
| End haul excavation to waste area        | 100 CY      | @ | \$2.50 /CY    | = | \$250   |
| Waste compaction                         | 60 CY       | @ | \$0.80 /CY    | = | \$48    |
| Mulching                                 | 1 staw bale | @ | \$12.00 /ea   | = | \$12    |

TOTAL IMPROVEMENT = \$2,895

## SURFACING

|                                         |         | <u>Size</u> | <u>Rate</u>   |   |       |
|-----------------------------------------|---------|-------------|---------------|---|-------|
| Junction rock (Sta. 0+00 to Sta. 0+50)  | 10 CY   | Jaw-Run     | @ \$23.62 /CY | = | \$236 |
| Shape surface (with road grader)        | 0.5 sta | @           | \$20.63 /sta  | = | \$10  |
| Compact surface (with vibratory roller) | 0.5 sta | @           | \$16.00 /sta  | = | \$8   |

TOTAL SURFACING COST = \$254

Compiled by: Zane Sandborg  
Date: May 25, 2021

**GRAND TOTAL =====> \$4,018**

## SUMMARY OF CONSTRUCTION COST

|      |                             |           |   |        |           |         |
|------|-----------------------------|-----------|---|--------|-----------|---------|
| SALE | Eastern Yaq Combo           | Project # | 1 | LENGTH | construct | 5.8 sta |
| ROAD | Pt. C to Pt. D (Unsurfaced) |           |   |        |           |         |

### CLEARING & GRUBBING

|        |   |                |   |       |
|--------|---|----------------|---|-------|
| 0.4 ac | @ | \$1,337.00 /ac | = | \$535 |
|--------|---|----------------|---|-------|

TOTAL CLEARING & GRUBBING = \$535

### EXCAVATION

|                                             |         |   | <u>Rate</u>   |   |         |
|---------------------------------------------|---------|---|---------------|---|---------|
| Road construction                           | 5.8 sta | @ | \$214.00 /sta | = | \$1,241 |
| Construct Landing (Pt. D)                   | 1 Ldg   | @ | \$438.00 /Ldg | = | \$438   |
| Construct turnaround (Sta. 3+20)            | 1 TA    | @ | \$50.00 /TA   | = | \$50    |
| Shape subgrade<br>(with road grader)        | 5.8 sta | @ | \$20.63 /sta  | = | \$120   |
| Compact subgrade<br>(with vibratory roller) | 5.8 sta | @ | \$16.00 /sta  | = | \$93    |

TOTAL IMPROVEMENT = \$1,942

### SURFACING

|                                            |         | <u>Size</u> |   | <u>Rate</u>  |   |       |
|--------------------------------------------|---------|-------------|---|--------------|---|-------|
| Junction rock<br>(Sta. 0+00 to Sta. 0+50)  | 10 CY   | Jaw-Run     | @ | \$23.62 /CY  | = | \$236 |
| Shape surface<br>(with road grader)        | 0.5 sta |             | @ | \$20.63 /sta | = | \$10  |
| Compact surface<br>(with vibratory roller) | 0.5 sta |             | @ | \$16.00 /sta | = | \$8   |

TOTAL SPECIAL PROJECT = \$254

### SPECIAL PROJECTS

|                                                     |               |   | <u>Rate</u>    |   |       |
|-----------------------------------------------------|---------------|---|----------------|---|-------|
| Culverts (Sta. 1+75 & Sta. 2+80)                    |               |   |                |   |       |
| Transport culverts<br>(From ODF office)             | 1 trip        | @ | \$100.00 /trip | = | \$100 |
| Culvert band                                        | 1 band        | @ | \$20.00 /ea    | = | \$20  |
| Fill transport<br>(From Sta. 88+00, Pt. 1 to Pt. 2) | 40 CY         | @ | \$1.50 /CY     | = | \$60  |
| Install culverts                                    | 2 hrs         | @ | \$145.00 /hr   | = | \$290 |
| Bedding compaction<br>(with handheld tamper)        | 1 hrs         | @ | \$57.00 /hr    | = | \$57  |
| Fill compaction                                     | 40 CY         | @ | \$0.80 /CY     | = | \$32  |
| Site dewatering                                     | 3 hrs         | @ | \$12.00 /hr    | = | \$36  |
| Mulching                                            | 2 straw bales | @ | \$12.00 /ea    | = | \$24  |

TOTAL SPECIAL PROJECT = \$619

|              |               |
|--------------|---------------|
| Compiled by: | Zane Sandborg |
| Date:        | May 25, 2021  |

**GRAND TOTAL =====> \$3,350**

## SUMMARY OF IMPROVEMENT COST

|      |                           |           |   |        |         |           |
|------|---------------------------|-----------|---|--------|---------|-----------|
| SALE | Eastern Yaq Combo         | Project # | 2 | LENGTH | improve | 183.0 sta |
| ROAD | Pt. 1 to Pt. 2 (Surfaced) |           |   |        |         |           |

### EXCAVATION

|                                                  |        |   |              |   |      |
|--------------------------------------------------|--------|---|--------------|---|------|
| Waste area creation (Sta.88+00)<br>(with grader) | 0.5 hr | @ | \$114.00 /hr | = | \$57 |
|--------------------------------------------------|--------|---|--------------|---|------|

TOTAL EXCAVATION = \$57

### IMPROVEMENT

|                                                                                    |           |   |              |   |         |
|------------------------------------------------------------------------------------|-----------|---|--------------|---|---------|
|                                                                                    |           |   | <u>Rate</u>  |   |         |
| Remove sod and brushing debris<br>(Sta. 0+00 to 116+90 &<br>Sta. 157+70 to 183+00) | 142.2 sta | @ | \$15.40 /sta | = | \$2,190 |

TOTAL IMPROVEMENT = \$2,190

### SURFACING

|                                             |           |   |             |   |                        |
|---------------------------------------------|-----------|---|-------------|---|------------------------|
|                                             |           |   | <u>Size</u> |   | <u>Rate</u>            |
| Spot rock                                   | 200 CY    |   | 1½"-0"      | @ | \$25.31 /CY = \$5,062  |
| Landing rock (Sta. 98+10)                   | 20 CY     |   | Jaw-Run     | @ | \$23.62 /CY = \$472    |
| Turnout rock<br>(Sta. 82+90, 88+00, 109+00) | 50 CY     |   | 3"-0"       | @ | \$24.97 /CY = \$1,249  |
| Shape surface<br>(with road grader)         | 142.2 sta | @ |             |   | \$20.63 /sta = \$2,934 |
| Compact surface<br>(with vibratory roller)  | 142.2 sta | @ |             |   | \$16.00 /sta = \$2,275 |

TOTAL SURFACING COST = \$11,992

### SPECIAL PROJECTS

|                                     |            |   |              |   |      |
|-------------------------------------|------------|---|--------------|---|------|
|                                     |            |   | <u>Rate</u>  |   |      |
| Clean out culvert (Sta. 100+60)     | 0.5 hrs    | @ | \$145.00 /hr | = | \$73 |
| Repair culvert outlet (Sta. 149+00) | 1 culvert  | @ | \$25.00 /ea  | = | \$25 |
| Clean out culvert inlets            | 2 culverts | @ | \$25.00 /ea  | = | \$50 |

TOTAL SPECIAL PROJECT = \$148

|              |               |
|--------------|---------------|
| Compiled by: | Zane Sandborg |
| Date:        | May 25, 2021  |

**GRAND TOTAL =====> \$14,387**

## SUMMARY OF IMPROVEMENT COST

|      |                             |           |   |        |         |          |
|------|-----------------------------|-----------|---|--------|---------|----------|
| SALE | Eastern Yaq Combo           | Project # | 2 | LENGTH | improve | 15.4 sta |
| ROAD | Pt. 2 to Pt. 3 (Unsurfaced) |           |   |        |         |          |

### EXCAVATION

|                                       |              |   | <u>Rate</u>  |   |  |       |
|---------------------------------------|--------------|---|--------------|---|--|-------|
| Landing expansion<br>(with excavator) | 1 hr         | @ | \$145.00 /hr | = |  | \$145 |
| Clearing and grubbing                 | 0.5 hr       | @ | \$145.00 /hr | = |  | \$73  |
| Waste compaction                      | 40 CY        | @ | \$0.80 /CY   | = |  | \$32  |
| Mulching                              | 1 straw bale | @ | \$12.00 /ea  | = |  | \$12  |
| TOTAL EXCAVATION =                    |              |   |              |   |  | \$262 |

### IMPROVEMENT

|                                             |          |   | <u>Rate</u>  |   |  |       |
|---------------------------------------------|----------|---|--------------|---|--|-------|
| Reopen road (with grader)                   | 15.4 sta | @ | \$15.40 /sta | = |  | \$237 |
| Shape subgrade (Pt. 3)                      | 0.5 sta  | @ | \$20.63 /sta | = |  | \$10  |
| Compact subgrade<br>(with vibratory roller) | 15.4 sta | @ | \$16.00 /sta | = |  | \$246 |
| TOTAL IMPROVEMENT =                         |          |   |              |   |  | \$493 |

### SURFACING

|                                            |         | <u>Size</u> |   | <u>Rate</u>  |   |       |
|--------------------------------------------|---------|-------------|---|--------------|---|-------|
| Junction rock<br>(Sta. 0+00 to Sta. 0+50)  | 20 CY   | Jaw-Run     | @ | \$23.62 /CY  | = | \$472 |
| Shape surface<br>(with road grader)        | 0.5 sta |             | @ | \$20.63 /sta | = | \$10  |
| Compact surface<br>(with vibratory roller) | 0.5 sta |             | @ | \$16.00 /sta | = | \$8   |
| TOTAL SURFACING COST =                     |         |             |   |              |   | \$490 |

|              |               |                              |                |
|--------------|---------------|------------------------------|----------------|
| Compiled by: | Zane Sandborg |                              |                |
| Date:        | May 25, 2021  | <b>GRAND TOTAL =====&gt;</b> | <b>\$1,245</b> |

# SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 2 LENGTH improve 17.7 sta  
ROAD Pt. 4 to Pt. 5 (Surfaced)

## IMPROVEMENT

Remove sod and brushing debris 17.7 sta @ Rate \$15.40 /sta = \$273

TOTAL IMPROVEMENT = \$273

Compiled by: Zane Sandborg  
Date: May 25, 2021

GRAND TOTAL =====> \$273

# SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 2 LENGTH improve 13.2 sta  
ROAD Pt. 6 to Pt. 7 (Surfaced)

## IMPROVEMENT

Remove sod and brushing debris 13.2 sta @ Rate \$15.40 /sta = \$203

TOTAL IMPROVEMENT = \$203

Compiled by: Zane Sandborg  
Date: May 25, 2021

GRAND TOTAL =====> \$203

# SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 2 LENGTH improve 2.0 sta  
ROAD Pt. 8 to Pt. 9 (Surfaced)

## IMPROVEMENT

|                         |       |   |             |      |   |      |  |
|-------------------------|-------|---|-------------|------|---|------|--|
|                         |       |   | <u>Rate</u> |      |   |      |  |
| Reopen road (w/ grader) | 2 sta | @ | \$15.40     | /sta | = | \$31 |  |

TOTAL IMPROVEMENT = \$31

## SURFACING

|                                            |       |             |   |             |      |   |       |
|--------------------------------------------|-------|-------------|---|-------------|------|---|-------|
|                                            |       | <u>Size</u> |   | <u>Rate</u> |      |   |       |
| Surface rock - 2" lift                     | 20 CY | 3"-0"       | @ | \$24.97     | /CY  | = | \$499 |
| Landing rock                               | 20 CY | Jaw-Run     | @ | \$23.62     | /CY  | = | \$472 |
| Shape surface<br>(with road grader)        | 2 sta |             | @ | \$20.63     | /sta | = | \$41  |
| Compact surface<br>(with vibratory roller) | 2 sta |             | @ | \$16.00     | /sta | = | \$32  |

TOTAL SURFACING COST = \$1,044

Compiled by: Zane Sandborg  
Date: May 25, 2021

**GRAND TOTAL =====> \$1,075**

## SUMMARY OF IMPROVEMENT COST

|      |                             |           |   |        |         |  |          |
|------|-----------------------------|-----------|---|--------|---------|--|----------|
| SALE | Eastern Yaq Combo           | Project # | 2 | LENGTH | improve |  | 57.1 sta |
| ROAD | Pt. 10 to Pt. 11 (Surfaced) |           |   |        |         |  |          |

### IMPROVEMENT

|                                  |          |   |          | <u>Rate</u> |   |  |       |
|----------------------------------|----------|---|----------|-------------|---|--|-------|
| Daylight road cutting            | 2 hr     | @ | \$45.00  | /hr         | = |  | \$90  |
| Daylight road cleaning           | 2 hr     | @ | \$145.00 | /hr         | = |  | \$290 |
| Remove sod and brushing debris   | 40.9 sta | @ | \$15.40  | /sta        | = |  | \$630 |
| Reopen road (w/ grader)          | 16.2 sta | @ | \$15.40  | /sta        | = |  | \$249 |
| (Sta. 40+90 to Sta. 57+10)       |          |   |          |             |   |  |       |
| Remove road alder (w/ excavator) | 2 hr     | @ | \$145.00 | /hr         | = |  | \$290 |
| (Sta. 40+90 to Sta. 57+10)       |          |   |          |             |   |  |       |

TOTAL IMPROVEMENT = \$1,549

### SURFACING

|                            |          | <u>Size</u> |   | <u>Rate</u> |      |   |         |
|----------------------------|----------|-------------|---|-------------|------|---|---------|
| Spot rock                  | 220 CY   | 1½"-0"      | @ | \$25.31     | /CY  | = | \$5,568 |
| (Sta. 0+00 to Sta. 40+90)  |          |             |   |             |      |   |         |
| Turnaround rock            | 20 CY    | Jaw-Run     | @ | \$23.62     | /CY  | = | \$472   |
| (Sta. 24+15)               |          |             |   |             |      |   |         |
| Surface rock - 2" lift     | 180 CY   | 1½"-0"      | @ | \$25.31     | /CY  | = | \$4,556 |
| (Sta. 40+90 to Sta. 57+10) |          |             |   |             |      |   |         |
| Turnaround rock            | 20 CY    | 3"-0"       | @ | \$24.97     | /CY  | = | \$499   |
| (Sta. 47+85 & Sta. 52+80)  |          |             |   |             |      |   |         |
| Landing rock               | 60 CY    | Jaw-Run     | @ | \$23.62     | /CY  | = | \$1,417 |
| (Sta. 28+25 & Pt. 11)      |          |             |   |             |      |   |         |
| Shape surface              | 57.1 sta |             | @ | \$20.63     | /sta | = | \$1,178 |
| (with road grader)         |          |             |   |             |      |   |         |
| Compact surface            | 57.1 sta |             | @ | \$16.00     | /sta | = | \$914   |
| (with vibratory roller)    |          |             |   |             |      |   |         |

TOTAL SURFACING COST = \$14,604

|              |               |
|--------------|---------------|
| Compiled by: | Zane Sandborg |
| Date:        | May 25, 2021  |

**GRAND TOTAL =====> \$16,153**



# SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 2 LENGTH improve 0.9 sta  
ROAD Pt. 12 to Pt. 13 (Surfaced)

## IMPROVEMENT

|                                             |         |   | <u>Rate</u> |      |   |      |  |
|---------------------------------------------|---------|---|-------------|------|---|------|--|
| Reopen road (w/ grader)                     | 0.9 sta | @ | \$20.63     | /sta | = | \$19 |  |
| Compact subgrade<br>(with vibratory roller) | 0.9 sta | @ | \$16.00     | /sta | = | \$14 |  |
| TOTAL IMPROVEMENT =                         |         |   |             |      |   | \$33 |  |

## SURFACING

|                                                     |         | <u>Size</u> |   | <u>Rate</u> |      |         |       |
|-----------------------------------------------------|---------|-------------|---|-------------|------|---------|-------|
| Surface rock - 8" lift<br>(Sta. 0+00 to Sta. 00+90) | 40 CY   | Jaw-Run     | @ | \$23.62     | /CY  | =       | \$945 |
| Landing rock (Pt. 13)                               | 20 CY   | Jaw-Run     | @ | \$23.62     | /CY  | =       | \$472 |
| Shape surface<br>(with road grader)                 | 0.9 sta |             | @ | \$20.63     | /sta | =       | \$19  |
| Compact surface<br>(with vibratory roller)          | 0.9 sta |             | @ | \$16.00     | /sta | =       | \$14  |
| TOTAL SURFACING COST =                              |         |             |   |             |      | \$1,450 |       |

Compiled by: Zane Sandborg  
Date: May 25, 2021

**GRAND TOTAL =====> \$1,483**

# SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 2 LENGTH improve 6.0 sta  
ROAD Pt. 14 to Pt. 15 (Surfaced)

## IMPROVEMENT

|                                |       |   |                        |      |   |      |
|--------------------------------|-------|---|------------------------|------|---|------|
| Remove sod and brushing debris | 6 sta | @ | <u>Rate</u><br>\$15.40 | /sta | = | \$92 |
| TOTAL IMPROVEMENT =            |       |   |                        |      |   | \$92 |

## SURFACING

|                                            |       |             |   |             |      |         |
|--------------------------------------------|-------|-------------|---|-------------|------|---------|
|                                            |       | <u>Size</u> |   | <u>Rate</u> |      |         |
| Spot rock                                  | 30 CY | 3"-0"       | @ | \$24.97     | /CY  | = \$749 |
| Landing rock (Pt. 15)                      | 30 CY | Jaw-Run     | @ | \$23.62     | /CY  | = \$709 |
| Process surface<br>(with road grader)      | 6 sta |             | @ | \$20.63     | /sta | = \$124 |
| Compact surface<br>(with vibratory roller) | 6 sta |             | @ | \$16.00     | /sta | = \$96  |

TOTAL SURFACING COST = \$1,678

Compiled by: Zane Sandborg  
Date: May 25, 2021

GRAND TOTAL =====> \$1,770

## SUMMARY OF IMPROVEMENT COST

|      |                             |           |   |        |         |          |
|------|-----------------------------|-----------|---|--------|---------|----------|
| SALE | Eastern Yaq Combo           | Project # | 2 | LENGTH | improve | 11.5 sta |
| ROAD | Pt. 16 to Pt. 17 (Surfaced) |           |   |        |         |          |

### IMPROVEMENT

|                                               |          |   | <u>Rate</u> |      |   |  |       |
|-----------------------------------------------|----------|---|-------------|------|---|--|-------|
| Remove sod and brushing debris                | 11.5 sta | @ | \$15.40     | /sta | = |  | \$177 |
| Reestablish ditch<br>(Sta. 0+20 to Sta. 0+70) | 0.5 sta  | @ | \$44.00     | /sta | = |  | \$22  |

TOTAL IMPROVEMENT = \$199

### SURFACING

|                                              |          | <u>Size</u> |   | <u>Rate</u> |      |   |         |
|----------------------------------------------|----------|-------------|---|-------------|------|---|---------|
| Surface rock - 2" lift<br>(Pt. 16 to Pt. 17) | 130 CY   | 1½"-0"      | @ | \$25.31     | /CY  | = | \$3,290 |
| Landing rock (Pt. 17)                        | 20 CY    | Jaw-Run     | @ | \$23.62     | /CY  | = | \$472   |
| Process surface<br>(with road grader)        | 11.5 sta |             | @ | \$20.63     | /sta | = | \$237   |
| Compact surface<br>(with vibratory roller)   | 11.5 sta |             | @ | \$16.00     | /sta | = | \$184   |

TOTAL SURFACING COST = \$4,183

### SPECIAL PROJECTS

|                      |              |   | <u>Rate</u> |     |   |  |       |
|----------------------|--------------|---|-------------|-----|---|--|-------|
| Install half round   | 2 hrs        | @ | \$45.00     | /hr | = |  | \$90  |
| Half round (24"x15') | 1 half round | @ | \$771.00    | /ea | = |  | \$771 |

TOTAL SPECIAL PROJECT = \$861

|              |               |
|--------------|---------------|
| Compiled by: | Zane Sandborg |
| Date:        | May 25, 2021  |

**GRAND TOTAL =====> \$5,243**

# SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 2 LENGTH improve 23.7 sta  
ROAD Pt. 18 to Pt. 19 (Surfaced)

## IMPROVEMENT

Remove sod and brushing debris 23.7 sta @ Rate \$15.40 /sta = \$365  
TOTAL IMPROVEMENT = \$365

Compiled by: Zane Sandborg  
Date: May 25, 2021

GRAND TOTAL =====> \$365

# SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 2 LENGTH improve 14.6 sta  
ROAD Pt. 20 to Pt. 21 (Surfaced)

## IMPROVEMENT

Remove sod and brushing debris 14.6 sta @ Rate \$15.40 /sta = \$225  
TOTAL IMPROVEMENT = \$225

Compiled by: Zane Sandborg  
Date: May 25, 2021

**GRAND TOTAL =====> \$225**

## SUMMARY OF IMPROVEMENT COST

|      |                                         |           |   |                |          |
|------|-----------------------------------------|-----------|---|----------------|----------|
| SALE | Eastern Yaq Combo                       | Project # | 2 | LENGTH improve | 14.6 sta |
| ROAD | Pt. 22 to Pt. 23 (Surfaced/ unsurfaced) |           |   |                |          |

### CLEARING & GRUBBING

|                       |        |   |                |   |       |
|-----------------------|--------|---|----------------|---|-------|
| (Sta. 2+30 to Pt. 23) | 0.4 ac | @ | \$1,337.00 /ac | = | \$535 |
|-----------------------|--------|---|----------------|---|-------|

TOTAL CLEARING & GRUBBING = \$535

### EXCAVATION

|                                      |       |   |               |   |       |
|--------------------------------------|-------|---|---------------|---|-------|
|                                      |       |   | <u>Rate</u>   |   |       |
| Construct Turnaround<br>(Sta. 12+95) | 1 TA  | @ | \$50.00 /TA   | = | \$50  |
| Construct Landing (Pt. 23)           | 1 Ldg | @ | \$438.00 /Ldg | = | \$438 |

TOTAL EXCAVATION = \$488

### IMPROVEMENT

|                                                |          |   |              |   |       |
|------------------------------------------------|----------|---|--------------|---|-------|
|                                                |          |   | <u>Rate</u>  |   |       |
| Remove sod (Sta. 0+00 to 2+30)                 | 2.3 sta  | @ | \$15.40 /sta | = | \$35  |
| Reopen road (w/ dozer)<br>(Sta. 2+30 to 14+60) | 12.3 sta | @ | \$36.67 /sta | = | \$451 |
| Shape subgrade<br>(with dozer)                 | 12.3 sta | @ | \$20.63 /sta | = | \$254 |
| Compact subgrade<br>(with vibratory roller)    | 12.3 sta | @ | \$16.00 /sta | = | \$197 |
| Reshape junction (Sta. 1+90)                   | 0.5 sta  | @ | \$20.63 /sta | = | \$10  |

TOTAL IMPROVEMENT = \$947

### SURFACING

|                                            |         |             |                |   |       |
|--------------------------------------------|---------|-------------|----------------|---|-------|
|                                            |         | <u>Size</u> | <u>Rate</u>    |   |       |
| Spot rock<br>(0+00 to 2+30)                | 10 CY   | 1½"-0"      | @ \$16.78 /CY  | = | \$168 |
| Junction rock (Sta. 1+90)                  | 20 CY   | 3"-0"       | @ \$16.44 /CY  | = | \$329 |
| Shape surface<br>(with dozer)              | 2.5 sta |             | @ \$20.63 /sta | = | \$52  |
| Compact surface<br>(with vibratory roller) | 2.5 sta |             | @ \$16.00 /sta | = | \$40  |

TOTAL SURFACING = \$589

### SPECIAL PROJECTS

|                                        |               |             |                |   |       |
|----------------------------------------|---------------|-------------|----------------|---|-------|
|                                        |               | <u>Size</u> | <u>Rate</u>    |   |       |
| Culvert (12"x30')                      | 30 ft         |             | @ \$10.00 /ft  | = | \$300 |
| Install culvert<br>(Sta. 2+30)         | 1 hr          |             | @ \$145.00 /hr | = | \$145 |
| Bedding & backfill rock<br>(Sta. 2+30) | 20 CY         | 1½"-0"      | @ \$16.78 /CY  | = | \$336 |
| Bedding & fill compaction              | 1.5 hr        |             | @ \$57.00 /hr  | = | \$86  |
| Mulching                               | 2 straw bales |             | @ \$12.00 /ea  | = | \$24  |

TOTAL SPECIAL PROJECT = \$891

|              |               |
|--------------|---------------|
| Compiled by: | Zane Sandborg |
| Date:        | May 25, 2021  |

**GRAND TOTAL =====> \$3,450**

# SUMMARY OF BRUSHING COST

|           |                 |                       |   |        |          |           |
|-----------|-----------------|-----------------------|---|--------|----------|-----------|
| SALE ROAD | Eastern Yaq All | Project #             | 3 | LENGTH | maintain | 5.4 Miles |
|           |                 | (Surfaced/unsurfaced) |   |        |          |           |

## LIGHT BRUSHING

|                                             |         |   | <u>Rate</u>  |   |  |         |
|---------------------------------------------|---------|---|--------------|---|--|---------|
| Pt. 1 to Sta. 116+90<br>(of Pt. 1 to Pt. 2) | 2.21 mi | @ | \$800.00 /mi | = |  | \$1,768 |
| Sta. 157+70 to Pt. 2<br>(of Pt. 1 to Pt. 2) | 0.48 mi | @ | \$800.00 /mi | = |  | \$384   |
| Pt. 2 to Pt. 3                              | 0.29 mi | @ | \$800.00 /mi | = |  | \$232   |
| Pt. 4 to Pt. 5                              | 0.34 mi | @ | \$800.00 /mi | = |  | \$272   |
| Pt. 6 to Pt. 7                              | 0.25 mi | @ | \$800.00 /mi | = |  | \$200   |
| Pt. 14 to Pt. 15                            | 0.11 mi | @ | \$800.00 /mi | = |  | \$88    |
| Pt. 16 to Pt. 17                            | 0.22 mi | @ | \$800.00 /mi | = |  | \$176   |
| Pt. 20 to Pt. 21                            | 0.28 mi | @ | \$800.00 /mi | = |  | \$224   |

TOTAL LIGHT BRUSHING = \$3,344

## MEDIUM BRUSHING

|                                               |         |   | <u>Rate</u>    |   |  |       |
|-----------------------------------------------|---------|---|----------------|---|--|-------|
| Pt. 10 to Sta. 40+90<br>(Of Pt. 10 to Pt. 11) | 0.77 mi | @ | \$1,100.00 /mi | = |  | \$847 |

TOTAL MEDIUM BRUSHING = \$847

## HEAVY BRUSHING

|                  |         |   | <u>Rate</u>    |   |  |       |
|------------------|---------|---|----------------|---|--|-------|
| Pt. 18 to Pt. 19 | 0.45 mi | @ | \$1,400.00 /mi | = |  | \$630 |

TOTAL HEAVY BRUSHING = \$630

|              |               |
|--------------|---------------|
| Compiled by: | Zane Sandborg |
| Date:        | Jan 20, 2021  |

**GRAND TOTAL =====> \$4,821**

## SUMMARY OF IMPROVEMENT COST

SALE Eastern Yaq Combo Project # 4  
ROAD Pt. 22 to Pt. 23 (Sta. 1+00)

### GATE INSTALLATION

|                    |        |        |   | <u>Rate</u>    |   |         |
|--------------------|--------|--------|---|----------------|---|---------|
| Gate manufacturing | 1 gate |        | @ | \$3,500.00 /ea | = | \$3,500 |
| Transport gate     | 1 trip |        | @ | \$100.00 /trip | = | \$100   |
| Gate installation  | 1 gate |        | @ | \$2,000.00 /ea | = | \$2,000 |
| Gate rock          | 10 CY  | 1½"-0" | @ | \$16.78 /CY    | = | \$168   |
| Rock compaction    | 0.5 hr |        | @ | \$57.00 /hr    | = | \$29    |

TOTAL GATE INSTALLATION = \$5,797

Compiled by: Zane Sandborg  
Date: May 25, 2021

**GRAND TOTAL =====> \$5,797**



## SUMMARY OF MAINTENANCE COST

SALE Eastern Yaq Combo - Final Maintenance Cost Estimate  
(Costed in appraisal, not in project costs)

|         |                 |    |     |
|---------|-----------------|----|-----|
| Grading | Move-in grader- | \$ | 875 |
|---------|-----------------|----|-----|

| Road Segment     | Length       | Cost/Sta | Cost           | Mileage     |
|------------------|--------------|----------|----------------|-------------|
| Pt. 1 to Pt. 2   | 183.0 sta    | \$20.63  | \$3,775        | 3.47        |
| Pt. 8 to Pt. 9   | 2.0 sta      | \$20.63  | \$41           | 0.04        |
| Pt. 10 to Pt. 11 | 57.1 sta     | \$20.63  | \$1,178        | 1.08        |
| Pt. 12 to Pt. 13 | 0.9 sta      | \$20.63  | \$19           | 0.02        |
| Pt. 14 to Pt. 15 | 6.0 sta      | \$20.63  | \$124          | 0.11        |
| Pt. 16 to Pt. 17 | 11.5 sta     | \$20.63  | \$237          | 0.22        |
| <b>Total</b>     | <b>260.5</b> |          | <b>\$5,374</b> | <b>4.93</b> |

### Maintenance Rock:

|              | Volume | Cost/CY | Cost     |
|--------------|--------|---------|----------|
| 1½"-0"       | 420    | \$25.31 | \$10,630 |
| 3"-0"        | 40     | \$24.97 | \$999    |
| Grand Total  |        |         | \$17,878 |
| TS Volume    | 2,544  | MBF     |          |
| Cost / MBF = |        |         | \$7.03   |

**NOTES:**

## Rock Haul Cost Computation

|              |                                                        |        |              |
|--------------|--------------------------------------------------------|--------|--------------|
| SALE NAME:   | Eastern Yaq Combo U1-U4                                | DATE:  | May 25, 2021 |
| ROAD NAME:   | Yaquina Road                                           | CLASS: | Medium       |
| ROCK SOURCE: | Hardrock                                               |        | 10 CY truck  |
| Route:       | Hwy 20, Eddyville-Blodgett Hgwy., Logsden Rd., Yaquina |        |              |
|              | (33 miles RT)                                          |        |              |

TIME Computation:

## Road speed time factors:

|     |        |      |     |              |
|-----|--------|------|-----|--------------|
| 1.  | 55 MPH | 4.4  | MRT | 4.8 minutes  |
| 2.  | 50 MPH |      | MRT | 0.0 minutes  |
| 3.  | 45 MPH |      | MRT | 0.0 minutes  |
| 4.  | 40 MPH | 19.0 | MRT | 28.5 minutes |
| 5.  | 35 MPH |      | MRT | 0.0 minutes  |
| 6.  | 30 MPH |      | MRT | 0.0 minutes  |
| 7.  | 25 MPH |      | MRT | 0.0 minutes  |
| 8.  | 20 MPH | 7.6  | MRT | 22.8 minutes |
| 9.  | 15 MPH |      | MRT | 0.0 minutes  |
| 10. | 10 MPH | 2.0  | MRT | 12.0 minutes |
| 11. | 05 MPH |      | MRT | 0.0 minutes  |

|                            |      |         |
|----------------------------|------|---------|
| Dump or spread time per RT | 0.50 | minutes |
|----------------------------|------|---------|

|                                                                |               |
|----------------------------------------------------------------|---------------|
| Total hauling cycle time for this setting<br>(100% efficiency) | 68.60 minutes |
|----------------------------------------------------------------|---------------|

|                                |      |               |
|--------------------------------|------|---------------|
| Operator efficiency correction | 0.85 | 80.71 minutes |
|--------------------------------|------|---------------|

|                           |      |               |
|---------------------------|------|---------------|
| Job efficiency correction | 0.90 | 89.68 minutes |
|---------------------------|------|---------------|

|                     |       |      |        |
|---------------------|-------|------|--------|
| Truck capacity (CY) | 10.00 | 8.97 | min/CY |
|---------------------|-------|------|--------|

|                                 |      |        |
|---------------------------------|------|--------|
| Loading time, delay time per CY | 0.25 | min/CY |
|---------------------------------|------|--------|

|                               |      |        |
|-------------------------------|------|--------|
| TIME (minutes) per cubic yard | 9.22 | min/CY |
|-------------------------------|------|--------|

COST per CY computation

|                                     |              |
|-------------------------------------|--------------|
| Cost of truck and operator per hour | \$90.00 /hr. |
|-------------------------------------|--------------|

|                                       |             |
|---------------------------------------|-------------|
| Cost of truck and operator per minute | \$1.50 /min |
|---------------------------------------|-------------|

\$13.83 /CY

|                              |            |
|------------------------------|------------|
| Water truck, Grader & Roller | \$1.50 /CY |
|------------------------------|------------|

| Size    | Cost/Yd (Pit) | Cost Delivered<br>w/o processing | Cost Delivered<br>with processing |
|---------|---------------|----------------------------------|-----------------------------------|
| 1½ - 0" | \$11.48       | \$25.31                          | \$26.81                           |
| 3 - 0"  | \$11.14       | \$24.97                          | \$26.47                           |
| Jaw-Run | \$9.79        | \$23.62                          | \$25.12                           |
| Pit-Run | \$8.87        | \$22.70                          | \$24.20                           |
| Rip-Rap | \$24.98       | \$38.81                          |                                   |

Note: Pit costs November 11, 2020 Hardrock Rock Quarry

# Rock Haul Cost Computation

SALE NAME: Eastern Yaq Combo U5      DATE: May 25, 2021  
ROAD NAME: Yaquina Road      CLASS: Medium  
ROCK SOURCE: Hardrock      10 CY truck  
Route: Hwy 20, Eddyville-Blodgett Hgwy., Logsdan Rd., Yaquina  
(33 miles RT)

## TIME Computation:

### Road speed time factors:

|     |        |     |     |              |
|-----|--------|-----|-----|--------------|
| 1.  | 55 MPH | 4.4 | MRT | 4.8 minutes  |
| 2.  | 50 MPH |     | MRT | 0.0 minutes  |
| 3.  | 45 MPH |     | MRT | 0.0 minutes  |
| 4.  | 40 MPH | 4.4 | MRT | 6.6 minutes  |
| 5.  | 35 MPH |     | MRT | 0.0 minutes  |
| 6.  | 30 MPH |     | MRT | 0.0 minutes  |
| 7.  | 25 MPH |     | MRT | 0.0 minutes  |
| 8.  | 20 MPH |     | MRT | 0.0 minutes  |
| 9.  | 15 MPH |     | MRT | 0.0 minutes  |
| 10. | 10 MPH | 2.2 | MRT | 13.2 minutes |
| 11. | 05 MPH |     | MRT | 0.0 minutes  |

Dump or spread time per RT      0.50 minutes

Total hauling cycle time for this setting  
(100% efficiency)      25.10 minutes

Operator efficiency correction      0.85      29.53 minutes

Job efficiency correction      0.90      32.81 minutes

Truck capacity (CY)      10.00      3.28 min/CY

Loading time, delay time per CY      0.25 min/CY

TIME (minutes) per cubic yard      3.53 min/CY

## COST per CY computation

Cost of truck and operator per hour      \$90.00 /hr.

Cost of truck and operator per minute      \$1.50 /min

\$5.30 /CY

Water truck, Grader & Roller      \$1.50 /CY

| Size    | Cost/Yd (Pit) | Cost Delivered<br>w/o processing | Cost Delivered<br>with processing |
|---------|---------------|----------------------------------|-----------------------------------|
| 1½ - 0" | \$11.48       | \$16.78                          | \$18.28                           |
| 3 - 0"  | \$11.14       | \$16.44                          | \$17.94                           |
| Jaw-Run | \$9.79        | \$15.09                          | \$16.59                           |
| Pit-Run | \$8.87        | \$14.17                          | \$15.67                           |
| Rip-Rap | \$24.98       | \$30.28                          |                                   |

Note: Pit costs November 11, 2020 Hardrock Rock Quarry

## TIMBER CRUISE REPORT

### **Eastern Yaq Combo (WO-341-2022-W00678-01) FY 2022**

1. **Sale Area Location:** Portions of Sections 19 & 30, T10S, R7W, and Section 16, T11S, R7W, W.M., Benton County, Oregon.
2. **Fund Distribution:**
  - a. **Fund** BOF 100%
3. **Sale Acreage by Area:**

| Unit  | Treatment         | Gross Acres | Stream Buffers | Existing Roads | Slope Buffer (No Harvest) | Other- No Harvest | Net Sale Acres | Acreage Comp. Method |
|-------|-------------------|-------------|----------------|----------------|---------------------------|-------------------|----------------|----------------------|
| 1     | Modified Clearcut | 54          | 14             | <1             | 3                         | -                 | 37             | GIS                  |
| 2     | Thinning          | 80          | 4              | 1              | -                         | -                 | 75             | GIS                  |
| 3     | Thinning          | 72          | 7              | 3              | -                         | 3                 | 59             | GIS                  |
| 4     | Thinning          | 46          | 2              | 2              | -                         | -                 | 42             | GIS                  |
| 5     | Thinning          | 27          | 1              | 1              | -                         | -                 | 25             | GIS                  |
| Total |                   | 279         | 28             | 7              | 3                         | 3                 | 238            |                      |

4. **Cruisers and Cruise Dates:** This sale was cruised by Zane Sandborg, David Bailey, Aaron McEwen, Michael Loewen and Elliot Lowery in March 2021.
5. **Cruise Method and Computation:** The sale consists of one Modified clearcut unit and 4 thinning units that were cruised using variable radius plot sampling. Sale Unit 1 was cruised using a basal area factor of 33.61 and Sale Units 2, 3, 4 & 5 were cruised using a basal area factor of 20. Plots for Sale Units 1 & 5 were spaced on a 5x5 chain grid, plots for Sale Units 2 & 3 were spaced on a 6x6 chain grid and plots for Sale Unit 4 were spaced on a 6x5 chain grid.

Measure plots were measured for DBH, height, form factor, grade, and defect. Data was entered into the Atterbury Super ACE cruise program to determine stand statistics and net board foot volume. Additional volume was removed to account for hidden defect and breakage.

Digital ortho photos, Lidar data, and GPS data were used to map the boundaries for the sale, and ArcMap GIS was used to determine gross and net acreage.
6. **Measurement Standards:** Tree heights were measured to the nearest foot, to a top diameter of 6 inches inside bark or to 40% of form factor. Diameters at breast height (DBH) were measured to the nearest inch, and a form point of 16 feet was used to calculate form factor. Form factors were measured or estimated on every tree. Most trees were graded in 40 foot log segments unless breakage, defect, or length to top of grade cruise diameter warranted otherwise.

7. **Timber Description:** Timber in Unit 1 is primarily 42 year-old Douglas fir, and timber in Units 2-5 is primarily 32-36 year-old Douglas-fir. The average Douglas-fir to be removed is 16 inches in Unit 1 and 12 inches in Units 2, 3, 4 & 5. The average volume per acre to be harvested (net) in Units 1, 2, 3, 4 & 5 is approximately 24.0 MBF, 8.0 MBF, 7.8 MBF, 8.8 MBF and 6.7 MBF, respectively. Volume for Rights-of-Way and for indiscriminate tree removal inside cable corridors were added. Conifer trees other than Douglas-fir and all hardwoods are reserved from cutting, unless present in yarding corridors, Landings or between R/W tags.
8. **Statistical Analysis and Stand Summary:** (See attached "Statistics").

| Unit | Target CV | Target SE | Actual CV | Actual SE |
|------|-----------|-----------|-----------|-----------|
| 1    | 45%       | 11%       | 29.3%     | 6.0%      |
| 2    | 40%       | 13%       | 30.6%     | 7.4%      |
| 3    | 40%       | 13%       | 25.2%     | 6.5%      |
| 4    | 40%       | 13%       | 16.5%     | 4.6%      |
| 5    | 40%       | 13%       | 17.3%     | 4.8%      |

Note: Statistics shown are for conifer and hardwood trees combined. Percentages are for net board foot volume.

9. **Total Volume (MBF) by Species and Grade:** (See attached volume report "Species, Sort Grade – Board Foot Volumes - Project").

| Unit         | Gross Cruise Volume | R/W Removal (MBF) | Corridor Removal Acres | Corridor Removal Volume* | Cruised D & B | Cruised D & B (MBF) | Hidden D & B | Hidden D & B (MBF) | Net Sale Volume |
|--------------|---------------------|-------------------|------------------------|--------------------------|---------------|---------------------|--------------|--------------------|-----------------|
| 1            | 896                 | -                 | -                      | -                        | 1%            | (9)                 | 1%           | (9)                | 878             |
| 2            | 605                 | 2                 | 13                     | 26                       | 1%            | (4)                 | 1%           | (6)                | 623             |
| 3            | 467                 | 18                | 5                      | 12                       | 1%            | (7)                 | 1%           | (5)                | 485             |
| 4            | 370                 | -                 | 4                      | 12                       | 1%            | (2)                 | 1%           | (4)                | 376             |
| 5            | 169                 | 15                | -                      | -                        | 1%            | (1)                 | 1%           | (2)                | 181             |
| <b>Total</b> | <b>2507</b>         | <b>35</b>         | <b>22</b>              | <b>50</b>                | <b>1%</b>     | <b>(23)</b>         | <b>1%</b>    | <b>(26)</b>        | <b>2543</b>     |

\*Based on the difference in volume between the avg. tree in the Unit and the avg. tree to be removed, multiplied by the trees per acre removed and total number of corridor acres.

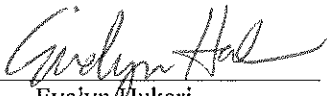
| Unit | Species         | Avg.<br>DBH | Tot. Net<br>Vol. | 2-Saw | 3-Saw | 4-Saw |
|------|-----------------|-------------|------------------|-------|-------|-------|
| 1    | Douglas-fir     | 16          | Grade %          | 29%   | 61%   | 10%   |
|      |                 |             | 878              | 255   | 535   | 88    |
| 2    | Douglas-fir     | 12          | Grade %          | 0%    | 87%   | 13%   |
|      |                 |             | 623              | -     | 542   | 81    |
| 3    | Douglas-fir     | 12          | Grade %          | 0%    | 82%   | 18%   |
|      |                 |             | 485              | -     | 398   | 87    |
| 4    | Douglas-fir     | 12          | Grade %          | 0%    | 81%   | 19%   |
|      |                 |             | 376              | -     | 305   | 71    |
| 5    | Douglas-fir     | 12          | Grade %          | 0%    | 86%   | 14%   |
|      |                 |             | 181              | -     | 156   | 25    |
|      | Total All Units |             | Grade %          | 10%   | 76%   | 14%   |
|      |                 |             | 2543             | 255   | 1936  | 352   |

Attachments: (All Units)

- Cruise Design
- Cruise Maps
- Statistics
- Species, Sort, Grade – Board Foot Volume
- Stand Table Summary
- Log Stock Table – MBF

Prepared by: Zane Sandborg

Date: 04/19/2021

Unit Forester:   
Evelyn Hukari

Date: 5/24/21

| TC PSTATS                                                        |      |       |       | PROJECT STATISTICS |           |        |         |                 | PAGE   | 1         |       |
|------------------------------------------------------------------|------|-------|-------|--------------------|-----------|--------|---------|-----------------|--------|-----------|-------|
|                                                                  |      |       |       | PROJECT            | EASTYAO   |        |         |                 | DATE   | 4/13/2021 |       |
| TWP                                                              | RGE  | SC    | TRACT | TYPE               | ACRES     |        | PLOTS   | TREES           | CuFt   | BdFt      |       |
| 10S                                                              | 07   | 30    | A1    | 00MC               | 37.00     |        | 25      | 143             | 1      | W         |       |
|                                                                  |      |       |       |                    |           |        |         |                 |        |           |       |
|                                                                  |      |       |       | TREES              | ESTIMATED |        | PERCENT |                 |        |           |       |
|                                                                  |      |       |       | PER PLOT           | TOTAL     |        | SAMPLE  |                 |        |           |       |
|                                                                  |      |       |       |                    | TREES     |        | TREES   |                 |        |           |       |
| TOTAL                                                            |      |       | 25    | 143                | 5.7       |        |         |                 |        |           |       |
| CRUISE                                                           |      |       | 12    | 70                 | 5.8       |        | 5,345   |                 | 1.3    |           |       |
| DBH COUNT                                                        |      |       |       |                    |           |        |         |                 |        |           |       |
| REFOREST                                                         |      |       |       |                    |           |        |         |                 |        |           |       |
| COUNT                                                            |      |       | 13    | 73                 | 5.6       |        |         |                 |        |           |       |
| BLANKS                                                           |      |       |       |                    |           |        |         |                 |        |           |       |
| 100 %                                                            |      |       |       |                    |           |        |         |                 |        |           |       |
| STAND SUMMARY                                                    |      |       |       |                    |           |        |         |                 |        |           |       |
| SAMPLE                                                           |      |       | TREES | AVG                | BOLE      | REL    | BASAL   | GROSS           | NET    | GROSS     | NET   |
| TREES                                                            |      |       | /ACRE | DBH                | LEN       | DEN    | AREA    | BF/AC           | BF/AC  | CF/AC     | CF/AC |
| DF                                                               |      |       | 70    | 144.4              | 15.5      | 61     | 48.1    | 189.3           | 24,223 | 23,982    | 6,743 |
| TOTAL                                                            |      |       | 70    | 144.4              | 15.5      | 61     | 48.1    | 189.3           | 24,223 | 23,982    | 6,743 |
| CONFIDENCE LIMITS OF THE SAMPLE                                  |      |       |       |                    |           |        |         |                 |        |           |       |
| 68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR |      |       |       |                    |           |        |         |                 |        |           |       |
| CL                                                               | 68.1 | COEFF |       | SAMPLE TREES - BF  |           |        |         | # OF TREES REQ. |        | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.% | LOW                | AVG       | HIGH   | 5       |                 | 10     | 15        |       |
| DF                                                               |      | 51.4  | 6.1   | 191                | 203       | 216    |         |                 |        |           |       |
| TOTAL                                                            |      | 51.4  | 6.1   | 191                | 203       | 216    | 105     |                 | 26     | 12        |       |
| CL                                                               | 68.1 | COEFF |       | SAMPLE TREES - CF  |           |        |         | # OF TREES REQ. |        | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.% | LOW                | AVG       | HIGH   | 5       |                 | 10     | 15        |       |
| DF                                                               |      | 48.1  | 5.7   | 54                 | 57        | 60     |         |                 |        |           |       |
| TOTAL                                                            |      | 48.1  | 5.7   | 54                 | 57        | 60     | 92      |                 | 23     | 10        |       |
| CL                                                               | 68.1 | COEFF |       | TREES/ACRE         |           |        |         | # OF PLOTS REQ. |        | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.% | LOW                | AVG       | HIGH   | 5       |                 | 10     | 15        |       |
| DF                                                               |      | 25.5  | 5.2   | 137                | 144       | 152    |         |                 |        |           |       |
| TOTAL                                                            |      | 25.5  | 5.2   | 137                | 144       | 152    | 27      |                 | 7      | 3         |       |
| CL                                                               | 68.1 | COEFF |       | BASAL AREA/ACRE    |           |        |         | # OF PLOTS REQ. |        | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.% | LOW                | AVG       | HIGH   | 5       |                 | 10     | 15        |       |
| DF                                                               |      | 23.0  | 4.7   | 180                | 189       | 198    |         |                 |        |           |       |
| TOTAL                                                            |      | 23.0  | 4.7   | 180                | 189       | 198    | 22      |                 | 6      | 2         |       |
| CL                                                               | 68.1 | COEFF |       | NET BF/ACRE        |           |        |         | # OF PLOTS REQ. |        | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.% | LOW                | AVG       | HIGH   | 5       |                 | 10     | 15        |       |
| DF                                                               |      | 29.3  | 6.0   | 22,550             | 23,982    | 25,415 |         |                 |        |           |       |
| TOTAL                                                            |      | 29.3  | 6.0   | 22,550             | 23,982    | 25,415 | 36      |                 | 9      | 4         |       |
| CL                                                               | 68.1 | COEFF |       | NET CUFT FT/ACRE   |           |        |         | # OF PLOTS REQ. |        | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.% | LOW                | AVG       | HIGH   | 5       |                 | 10     | 15        |       |
| DF                                                               |      | 27.0  | 5.5   | 6,372              | 6,743     | 7,114  |         |                 |        |           |       |
| TOTAL                                                            |      | 27.0  | 5.5   | 6,372              | 6,743     | 7,114  | 30      |                 | 8      | 3         |       |

| TC                                   |       | PSPCSTGR         |                  | Species, Sort Grade - Board Foot Volumes (Project) |                |                  |                                  |       |            |       |       |                 |          |           |             |           |       |     |                      |      |       |
|--------------------------------------|-------|------------------|------------------|----------------------------------------------------|----------------|------------------|----------------------------------|-------|------------|-------|-------|-----------------|----------|-----------|-------------|-----------|-------|-----|----------------------|------|-------|
| <div>T10S R07W S30 Ty00MC37.00</div> |       |                  |                  |                                                    |                | Project: EASTYAQ |                                  |       |            |       |       | Page 1          |          |           |             |           |       |     |                      |      |       |
|                                      |       |                  |                  |                                                    |                | Acres 37.00      |                                  |       |            |       |       | Date 4/13/2021  |          |           |             |           |       |     |                      |      |       |
|                                      |       |                  |                  |                                                    |                |                  |                                  |       |            |       |       | Time 10:33:29AM |          |           |             |           |       |     |                      |      |       |
| S So Gr<br>Spp T rt ad               |       | %<br>Net<br>BdFt | Bd. Ft. per Acre |                                                    |                | Total<br>Net MBF | Percent of Net Board Foot Volume |       |            |       |       |                 |          |           | Average Log |           |       |     | Logs<br>Per<br>/Acre |      |       |
|                                      |       | Def%             | Gross            | Net                                                | Log Scale Dia. |                  |                                  |       | Log Length |       |       |                 | Ln<br>Ft | Dia<br>In | Bd<br>Ft    | CF/<br>Lf |       |     |                      |      |       |
|                                      |       |                  |                  |                                                    | 4-5            |                  | 6-11                             | 12-16 | 17+        | 12-20 | 21-30 | 31-35           |          |           |             |           | 36-99 |     |                      |      |       |
| DF                                   | DO 2M | 29               | 2.1              | 7,288                                              | 7,136          | 264              | 100                              |       |            |       | 5     |                 |          |           | 95          | 40        | 13    | 241 | 1.56                 | 29.6 |       |
| DF                                   | DO 3M | 61               | .3               | 14,511                                             | 14,461         | 535              | 100                              |       |            |       | 2     |                 |          |           | 10          | 88        | 38    | 8   | 101                  | 0.75 | 143.0 |
| DF                                   | DO 4M | 10               | 1.6              | 2,424                                              | 2,386          | 88               | 14                               | 86    |            |       |       |                 | 47       | 44        | 9           |           | 22    | 6   | 25                   | 0.40 | 94.4  |
| DF Totals                            |       | 100              | 1.0              | 24,223                                             | 23,982         | 887              | 1                                | 69    | 30         | 5     |       |                 |          | 7         | 7           | 82        | 32    | 8   | 90                   | 0.78 | 267.0 |
| Totals                               |       |                  | 1.0              | 24,223                                             | 23,982         | 887              | 1                                | 69    | 30         | 5     |       |                 |          | 7         | 7           | 82        | 32    | 8   | 90                   | 0.78 | 267.0 |



| TC                   |   | PSTNDSUM |                 |           |                 |                |             |              |               |               |               | Stand Table Summary   |                       |             |        |     |  |  |  |             |  | Page       |  | 1         |  |
|----------------------|---|----------|-----------------|-----------|-----------------|----------------|-------------|--------------|---------------|---------------|---------------|-----------------------|-----------------------|-------------|--------|-----|--|--|--|-------------|--|------------|--|-----------|--|
|                      |   |          |                 |           |                 |                |             |              |               |               |               |                       |                       |             |        |     |  |  |  |             |  | Date:      |  | 4/13/2021 |  |
| T10S R07W S30 Ty00MC |   |          |                 |           |                 | 37.00          |             |              |               |               |               | Project               |                       | EASTYAQ     |        |     |  |  |  | Time:       |  | 10:33:30AM |  |           |  |
|                      |   |          |                 |           |                 |                |             |              |               |               |               | Acres                 |                       | 37.00       |        |     |  |  |  | Grown Year: |  |            |  |           |  |
| S<br>Sp              | T | DBH      | Sample<br>Trees | FF<br>16' | Tot<br>Av<br>Ht | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log   |               | Tons/<br>Acre | Net<br>Cu.Ft.<br>Acre | Net<br>Bd.Ft.<br>Acre | T o t a l s |        |     |  |  |  |             |  |            |  |           |  |
|                      |   |          |                 |           |                 |                |             |              | Net<br>Cu.Ft. | Net<br>Bd.Ft. |               |                       |                       | Tons        | Cunits | MBF |  |  |  |             |  |            |  |           |  |
| DF                   |   | 10       | 2               | 87        | 30              | 9.828          | 5.36        | 9.83         | 7.5           | 20.0          |               | 74                    | 197                   |             | 27     | 7   |  |  |  |             |  |            |  |           |  |
| DF                   |   | 11       | 3               | 89        | 68              | 12.333         | 8.14        | 12.33        | 16.7          | 60.0          |               | 206                   | 740                   |             | 76     | 27  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 12       | 2               | 89        | 86              | 6.951          | 5.46        | 13.90        | 13.0          | 47.5          |               | 181                   | 660                   |             | 67     | 24  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 13       | 5               | 88        | 83              | 14.753         | 13.60       | 26.60        | 15.6          | 52.2          |               | 414                   | 1,389                 |             | 153    | 51  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 14       | 7               | 89        | 92              | 17.689         | 18.91       | 35.38        | 19.2          | 65.8          |               | 680                   | 2,327                 |             | 252    | 86  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 15       | 11              | 90        | 91              | 24.347         | 29.88       | 48.69        | 22.5          | 83.2          |               | 1,093                 | 4,052                 |             | 405    | 150 |  |  |  |             |  |            |  |           |  |
| DF                   |   | 16       | 10              | 89        | 98              | 19.372         | 27.05       | 38.74        | 26.9          | 99.1          |               | 1,041                 | 3,841                 |             | 385    | 142 |  |  |  |             |  |            |  |           |  |
| DF                   |   | 17       | 3               | 89        | 87              | 5.132          | 8.09        | 10.26        | 27.9          | 96.8          |               | 286                   | 994                   |             | 106    | 37  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 18       | 6               | 90        | 94              | 9.156          | 16.18       | 18.34        | 32.8          | 117.4         |               | 602                   | 2,154                 |             | 223    | 80  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 19       | 6               | 88        | 92              | 8.243          | 16.23       | 16.49        | 35.6          | 118.3         |               | 587                   | 1,950                 |             | 217    | 72  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 20       | 7               | 89        | 100             | 8.668          | 18.91       | 18.59        | 40.1          | 146.6         |               | 745                   | 2,725                 |             | 275    | 101 |  |  |  |             |  |            |  |           |  |
| DF                   |   | 21       | 3               | 88        | 98              | 3.343          | 8.04        | 6.69         | 45.5          | 150.0         |               | 304                   | 1,003                 |             | 113    | 37  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 22       | 2               | 88        | 102             | 2.049          | 5.41        | 5.11         | 43.1          | 158.1         |               | 220                   | 809                   |             | 81     | 30  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 23       | 1               | 88        | 102             | .929           | 2.68        | 1.86         | 57.5          | 215.0         |               | 107                   | 399                   |             | 40     | 15  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 24       | 1               | 88        | 118             | .853           | 2.68        | 2.56         | 47.3          | 190.0         |               | 121                   | 486                   |             | 45     | 18  |  |  |  |             |  |            |  |           |  |
| DF                   |   | 25       | 1               | 86        | 77              | .801           | 2.73        | 1.60         | 52.0          | 160.0         |               | 83                    | 256                   |             | 31     | 9   |  |  |  |             |  |            |  |           |  |
| DF                   |   | Totals   |                 | 70        | 89              | 86             | 144.447     | 189.34       | 266.97        | 25.3          | 89.8          | 6,743                 | 23,982                |             | 2,495  | 887 |  |  |  |             |  |            |  |           |  |
| Totals               |   |          | 70              | 89        | 86              | 144.447        | 189.34      | 266.97       | 25.3          | 89.8          | 6,743         | 23,982                |                       | 2,495       | 887    |     |  |  |  |             |  |            |  |           |  |

| TC                                   |     | PLOGSTVB    |          | Log Stock Table - MBF |              |                  |            |                      |                                          |                              |     |     |       |       |       |       |       |       |       |
|--------------------------------------|-----|-------------|----------|-----------------------|--------------|------------------|------------|----------------------|------------------------------------------|------------------------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|
| <div>T10S R07W S30 Ty00MC37.00</div> |     |             |          | Project:<br>Acres     |              | EASTYAQ<br>37.00 |            | Page<br>Date<br>Time |                                          | 1<br>4/13/2021<br>10:33:29AM |     |     |       |       |       |       |       |       |       |
|                                      |     |             |          |                       |              |                  |            |                      |                                          |                              |     |     |       |       |       |       |       |       |       |
|                                      |     |             |          |                       |              |                  |            |                      |                                          |                              |     |     |       |       |       |       |       |       |       |
| S<br>T                               | Spp | So<br>rt    | Gr<br>de | Log<br>Len            | Gross<br>MBF | Def<br>%         | Net<br>MBF | %<br>Spc             | Net Volume by Scaling Diameter in Inches |                              |     |     |       |       |       |       |       |       |       |
|                                      |     |             |          |                       |              |                  |            |                      | 2-3                                      | 4-5                          | 6-7 | 8-9 | 10-11 | 12-13 | 14-15 | 16-19 | 20-23 | 24-29 | 30-39 |
| DF                                   |     | DO          | 2M       | 30                    | 12           |                  | 12         | 1.4                  |                                          |                              |     |     |       | 12    |       |       |       |       |       |
| DF                                   |     | DO          | 2M       | 40                    | 257          | 2.2              | 252        | 28.4                 |                                          |                              |     |     | 144   | 96    | 12    |       |       |       |       |
| DF                                   |     | DO          | 3M       | 28                    | 9            |                  | 9          | 1.1                  |                                          |                              | 4   | 5   |       |       |       |       |       |       |       |
| DF                                   |     | DO          | 3M       | 32                    | 20           | 3.8              | 19         | 2.1                  |                                          |                              | 16  | 3   |       |       |       |       |       |       |       |
| DF                                   |     | DO          | 3M       | 34                    | 34           |                  | 34         | 3.8                  |                                          |                              | 12  | 21  |       |       |       |       |       |       |       |
| DF                                   |     | DO          | 3M       | 36                    | 51           |                  | 51         | 5.7                  |                                          |                              | 14  | 32  | 5     |       |       |       |       |       |       |
| DF                                   |     | DO          | 3M       | 38                    | 20           |                  | 20         | 2.3                  |                                          |                              | 13  |     | 8     |       |       |       |       |       |       |
| DF                                   |     | DO          | 3M       | 40                    | 402          |                  | 402        | 45.3                 |                                          |                              | 38  | 146 | 218   |       |       |       |       |       |       |
| DF                                   |     | DO          | 4M       | 16                    | 17           |                  | 17         | 1.9                  |                                          |                              | 17  |     |       |       |       |       |       |       |       |
| DF                                   |     | DO          | 4M       | 18                    | 8            |                  | 8          | .9                   |                                          |                              | 8   |     |       |       |       |       |       |       |       |
| DF                                   |     | DO          | 4M       | 20                    | 17           |                  | 17         | 1.9                  |                                          | 6                            | 11  |     |       |       |       |       |       |       |       |
| DF                                   |     | DO          | 4M       | 24                    | 6            |                  | 6          | .6                   |                                          |                              | 6   |     |       |       |       |       |       |       |       |
| DF                                   | DO  | 4M          | 26       | 15                    |              | 15               | 1.7        |                      | 3                                        | 12                           |     |     |       |       |       |       |       |       |       |
| DF                                   | DO  | 4M          | 28       | 13                    |              | 13               | 1.5        |                      | 2                                        | 11                           |     |     |       |       |       |       |       |       |       |
| DF                                   | DO  | 4M          | 30       | 5                     |              | 5                | .6         |                      |                                          | 5                            |     |     |       |       |       |       |       |       |       |
| DF                                   | DO  | 4M          | 32       | 4                     | 20.0         | 3                | .3         |                      |                                          | 3                            |     |     |       |       |       |       |       |       |       |
| DF                                   | DO  | 4M          | 34       | 6                     | 12.7         | 5                | .6         |                      | 2                                        | 3                            |     |     |       |       |       |       |       |       |       |
| DF                                   |     | Totals      |          |                       | 896          |                  | 887        | 100.0                |                                          | 12                           | 173 | 207 | 231   | 144   | 108   | 12    |       |       |       |
| Total                                |     | All Species |          |                       | 896          |                  | 887        | 100.0                |                                          | 12                           | 173 | 207 | 231   | 144   | 108   | 12    |       |       |       |

| TC PSTATS                                                        |      |    |         | PROJECT STATISTICS |         |           |        | PAGE            | 1        |           |       |       |
|------------------------------------------------------------------|------|----|---------|--------------------|---------|-----------|--------|-----------------|----------|-----------|-------|-------|
|                                                                  |      |    |         | PROJECT            | EASTYAO |           |        | DATE            | 4/8/2021 |           |       |       |
| TWP                                                              | RGE  | SC | TRACT   | TYPE               | ACRES   |           | PLOTS  | TREES           | CuFt     | BdFt      |       |       |
| 10S                                                              | 07   | 19 | A2BA130 | 00PC               | 75.00   |           | 18     | 183             | 1        | W         |       |       |
|                                                                  |      |    |         |                    | TREES   | ESTIMATED |        | PERCENT         |          |           |       |       |
|                                                                  |      |    |         | PLOTS              | TREES   | PER PLOT  | TREES  | TREES           |          |           |       |       |
| TOTAL                                                            |      |    | 18      | 183                | 10.2    |           |        |                 |          |           |       |       |
| CRUISE                                                           |      |    | 6       | 57                 | 9.5     |           | 15,075 | .4              |          |           |       |       |
| DBH COUNT                                                        |      |    |         |                    |         |           |        |                 |          |           |       |       |
| REFOREST                                                         |      |    |         |                    |         |           |        |                 |          |           |       |       |
| COUNT                                                            |      |    | 12      | 126                | 10.5    |           |        |                 |          |           |       |       |
| BLANKS                                                           |      |    |         |                    |         |           |        |                 |          |           |       |       |
| 100 %                                                            |      |    |         |                    |         |           |        |                 |          |           |       |       |
| STAND SUMMARY                                                    |      |    |         |                    |         |           |        |                 |          |           |       |       |
|                                                                  |      |    | SAMPLE  | TREES              | AVG     | BOLE      | REL    | BASAL           | GROSS    | NET       | GROSS | NET   |
|                                                                  |      |    | TREES   | /ACRE              | DBH     | LEN       | DEN    | AREA            | BF/AC    | BF/AC     | CF/AC | CF/AC |
| DF-L                                                             |      |    | 28      | 100.0              | 14.8    | 57        | 30.9   | 118.9           | 13,507   | 13,421    | 3,825 | 3,825 |
| DF-T                                                             |      |    | 22      | 87.8               | 12.4    | 49        | 20.8   | 73.3            | 8,057    | 8,006     | 2,256 | 2,256 |
| R ALDER                                                          |      |    | 7       | 13.2               | 12.4    | 43        | 3.2    | 11.1            | 1,043    | 1,043     | 336   | 336   |
| TOTAL                                                            |      |    | 57      | 201.0              | 13.6    | 52        | 55.1   | 203.3           | 22,607   | 22,470    | 6,417 | 6,417 |
| CONFIDENCE LIMITS OF THE SAMPLE                                  |      |    |         |                    |         |           |        |                 |          |           |       |       |
| 68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR |      |    |         |                    |         |           |        |                 |          |           |       |       |
| CL                                                               | 68.1 |    | COEFF   | SAMPLE TREES - BF  |         |           |        | # OF TREES REQ. |          | INF. POP. |       |       |
| SD:                                                              | 1.0  |    | VAR.%   | S.E.%              | LOW     | AVG       | HIGH   | 5               | 10       | 15        |       |       |
| DF-L                                                             |      |    | 36.2    | 7.0                | 139     | 149       | 159    |                 |          |           |       |       |
| DF-T                                                             |      |    | 42.5    | 9.3                | 92      | 101       | 110    |                 |          |           |       |       |
| R ALDER                                                          |      |    | 23.9    | 9.7                | 72      | 80        | 88     |                 |          |           |       |       |
| TOTAL                                                            |      |    | 44.1    | 5.8                | 115     | 122       | 129    | 78              | 19       | 9         |       |       |
| CL                                                               | 68.1 |    | COEFF   | SAMPLE TREES - CF  |         |           |        | # OF TREES REQ. |          | INF. POP. |       |       |
| SD:                                                              | 1.0  |    | VAR.%   | S.E.%              | LOW     | AVG       | HIGH   | 5               | 10       | 15        |       |       |
| DF-L                                                             |      |    | 36.0    | 6.9                | 40      | 43        | 45     |                 |          |           |       |       |
| DF-T                                                             |      |    | 40.9    | 8.9                | 26      | 29        | 31     |                 |          |           |       |       |
| R ALDER                                                          |      |    | 18.1    | 7.4                | 24      | 26        | 28     |                 |          |           |       |       |
| TOTAL                                                            |      |    | 42.2    | 5.6                | 33      | 35        | 37     | 71              | 18       | 8         |       |       |
| CL                                                               | 68.1 |    | COEFF   | TREES/ACRE         |         |           |        | # OF PLOTS REQ. |          | INF. POP. |       |       |
| SD:                                                              | 1.0  |    | VAR.%   | S.E.%              | LOW     | AVG       | HIGH   | 5               | 10       | 15        |       |       |
| DF-L                                                             |      |    | 27.3    | 6.6                | 93      | 100       | 107    |                 |          |           |       |       |
| DF-T                                                             |      |    | 67.7    | 16.4               | 73      | 88        | 102    |                 |          |           |       |       |
| R ALDER                                                          |      |    | 233.1   | 56.5               | 6       | 13        | 21     |                 |          |           |       |       |
| TOTAL                                                            |      |    | 26.4    | 6.4                | 188     | 201       | 214    | 29              | 7        | 3         |       |       |
| CL                                                               | 68.1 |    | COEFF   | BASAL AREA/ACRE    |         |           |        | # OF PLOTS REQ. |          | INF. POP. |       |       |
| SD:                                                              | 1.0  |    | VAR.%   | S.E.%              | LOW     | AVG       | HIGH   | 5               | 10       | 15        |       |       |
| DF-L                                                             |      |    | 29.7    | 7.2                | 110     | 119       | 127    |                 |          |           |       |       |
| DF-T                                                             |      |    | 68.1    | 16.5               | 61      | 73        | 85     |                 |          |           |       |       |
| R ALDER                                                          |      |    | 232.8   | 56.4               | 5       | 11        | 17     |                 |          |           |       |       |
| TOTAL                                                            |      |    | 27.0    | 6.6                | 190     | 203       | 217    | 31              | 8        | 3         |       |       |
| CL                                                               | 68.1 |    | COEFF   | NET BF/ACRE        |         |           |        | # OF PLOTS REQ. |          | INF. POP. |       |       |
| SD:                                                              | 1.0  |    | VAR.%   | S.E.%              | LOW     | AVG       | HIGH   | 5               | 10       | 15        |       |       |
| DF-L                                                             |      |    | 31.7    | 7.7                | 12,389  | 13,421    | 14,453 |                 |          |           |       |       |
| DF-T                                                             |      |    | 70.0    | 17.0               | 6,648   | 8,006     | 9,365  |                 |          |           |       |       |
| R ALDER                                                          |      |    | 230.8   | 55.9               | 460     | 1,043     | 1,626  |                 |          |           |       |       |
| TOTAL                                                            |      |    | 30.6    | 7.4                | 20,804  | 22,470    | 24,137 | 40              | 10       | 4         |       |       |
| CL                                                               | 68.1 |    | COEFF   | NET CUFT FT/ACRE   |         |           |        | # OF PLOTS REQ. |          | INF. POP. |       |       |
| SD:                                                              | 1.0  |    | VAR.%   | S.E.%              | LOW     | AVG       | HIGH   | 5               | 10       | 15        |       |       |
| DF-L                                                             |      |    | 31.3    | 7.6                | 3,534   | 3,825     | 4,115  |                 |          |           |       |       |
| DF-T                                                             |      |    | 69.6    | 16.9               | 1,876   | 2,256     | 2,637  |                 |          |           |       |       |

|              |            |           |              |                                  |                         |       |              |                        |             |                  |
|--------------|------------|-----------|--------------|----------------------------------|-------------------------|-------|--------------|------------------------|-------------|------------------|
| TC PSTATS    |            |           |              | <b><u>PROJECT STATISTICS</u></b> |                         |       |              | PAGE                   | <b>2</b>    |                  |
|              |            |           |              | PROJECT EASTYAO                  |                         |       |              | DATE                   | 4/8/2021    |                  |
| <b>TWP</b>   | <b>RGE</b> | <b>SC</b> | <b>TRACT</b> | <b>TYPE</b>                      | <b>ACRES</b>            |       | <b>PLOTS</b> | <b>TREES</b>           | <b>CuFt</b> | <b>BdFt</b>      |
| 10S          | 07         | 19        | A2BA130      | 00PC                             | 75.00                   |       | 18           | 183                    | 1           | W                |
| CL           | 68.1       |           | COEFF        |                                  | <b>NET CUFT FT/ACRE</b> |       |              | <b># OF PLOTS REQ.</b> |             | <b>INF. POP.</b> |
| SD:          | 1.00       |           | VAR.         | S.E.%                            | LOW                     | AVG   | HIGH         | 5                      | 10          | 15               |
| R ALDER      |            |           | 232.0        | 56.2                             | 147                     | 336   | 525          |                        |             |                  |
| <b>TOTAL</b> |            |           | 28.8         | 7.0                              | 5,970                   | 6,417 | 6,864        | 35                     | 9           | 4                |

| TC                                   |   | PSPCSTGR |             | Species, Sort Grade - Board Foot Volumes (Project) |        |         |                  |                                  |       |     |                |       |       |       |            |             |    |           |          |                      |
|--------------------------------------|---|----------|-------------|----------------------------------------------------|--------|---------|------------------|----------------------------------|-------|-----|----------------|-------|-------|-------|------------|-------------|----|-----------|----------|----------------------|
| <div>T10S R07W S19 Ty00PC75.00</div> |   |          |             | Project:                                           |        | EASTYAQ |                  |                                  |       |     |                |       |       |       |            | Page        |    | 1         |          |                      |
|                                      |   |          |             | Acres                                              |        | 75.00   |                  |                                  |       |     |                |       |       |       |            | Date        |    | 4/8/2021  |          |                      |
|                                      |   |          |             |                                                    |        |         |                  |                                  |       |     |                |       |       |       |            | Time        |    | 8:18:46AM |          |                      |
| S So Gr<br>Spp T rt ad               |   |          | %           | Bd. Ft. per Acre                                   |        |         | Total<br>Net MBF | Percent of Net Board Foot Volume |       |     |                |       |       |       |            | Average Log |    |           |          | Logs<br>Per<br>/Acre |
|                                      |   |          | Net<br>BdFt |                                                    |        |         |                  | Def%                             | Gross | Net | Log Scale Dia. |       |       |       | Log Length |             |    |           | Ln<br>Ft |                      |
|                                      |   |          | 4-5         | 6-11                                               | 12-16  | 17+     |                  |                                  |       |     | 12-20          | 21-30 | 31-35 | 36-99 |            |             |    |           |          |                      |
| DF                                   | L | DO 2M    | 5           |                                                    | 714    | 714     | 54               |                                  |       | 100 |                | 47    | 53    |       |            | 24          | 13 | 140       | 1.33     | 5.1                  |
| DF                                   | L | DO 3M    | 79          | .3                                                 | 10,713 | 10,679  | 801              |                                  |       | 100 |                |       | 1     |       | 99         | 40          | 9  | 122       | 0.85     | 87.3                 |
| DF                                   | L | DO 4M    | 16          | 2.5                                                | 2,080  | 2,029   | 152              |                                  |       | 100 |                | 59    | 41    |       |            | 21          | 6  | 25        | 0.42     | 81.5                 |
| DF Totals                            |   |          | 60          | .6                                                 | 13,507 | 13,421  | 1,007            |                                  | 95    | 5   |                | 11    | 10    |       | 79         | 30          | 8  | 77        | 0.72     | 173.9                |
| DF                                   | T | DO 3M    | 87          | .7                                                 | 7,048  | 6,997   | 525              |                                  |       | 100 |                |       | 3     | 13    | 84         | 37          | 8  | 80        | 0.59     | 87.8                 |
| DF                                   | T | DO 4M    | 13          |                                                    | 1,009  | 1,009   | 76               | 5                                | 95    |     |                | 72    | 28    |       |            | 18          | 6  | 21        | 0.37     | 47.5                 |
| DF Totals                            |   |          | 36          | .6                                                 | 8,057  | 8,006   | 600              | 1                                | 99    |     |                | 9     | 6     | 12    | 73         | 31          | 7  | 59        | 0.55     | 135.2                |
|                                      |   |          |             |                                                    |        |         |                  |                                  |       |     |                |       |       |       |            |             |    |           |          |                      |
| RA                                   |   | DO CR    | 100         |                                                    | 1,043  | 1,043   | 78               |                                  |       | 100 |                | 5     |       | 15    | 80         | 36          | 7  | 70        | 0.62     | 15.0                 |
| RA Totals                            |   |          | 5           |                                                    | 1,043  | 1,043   | 78               |                                  |       | 100 |                | 5     |       | 15    | 80         | 36          | 7  | 70        | 0.62     | 15.0                 |
| Totals                               |   |          |             | 0.6                                                | 22,607 | 22,470  | 1,685            | 0                                | 97    | 3   |                | 10    | 8     | 5     | 77         | 31          | 7  | 69        | 0.64     | 324.1                |

| TC       |   | PSTNDSUM                   |                 |           |                 |                |             |              |               |               |               | Stand Table Summary   |                       |             |        |       |       |  |  |  |  | Page        |  | 1         |  |
|----------|---|----------------------------|-----------------|-----------|-----------------|----------------|-------------|--------------|---------------|---------------|---------------|-----------------------|-----------------------|-------------|--------|-------|-------|--|--|--|--|-------------|--|-----------|--|
|          |   |                            |                 |           |                 |                |             |              |               |               |               |                       |                       |             |        |       |       |  |  |  |  | Date:       |  | 4/8/2021  |  |
|          |   | T10S R07W S19 Ty00PC 75.00 |                 |           |                 |                |             |              |               |               |               | Project EASTYAQ       |                       |             |        |       |       |  |  |  |  | Time:       |  | 8:18:47AM |  |
|          |   |                            |                 |           |                 |                |             |              |               |               |               | Acres 75.00           |                       |             |        |       |       |  |  |  |  | Grown Year: |  |           |  |
| S<br>SpC | T | DBH                        | Sample<br>Trees | FF<br>16' | Tot<br>Av<br>Ht | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log   |               | Tons/<br>Acre | Net<br>Cu.Ft.<br>Acre | Net<br>Bd.Ft.<br>Acre | T o t a l s |        |       |       |  |  |  |  |             |  |           |  |
|          |   |                            |                 |           |                 |                |             |              | Net<br>Cu.Ft. | Net<br>Bd.Ft. |               |                       |                       | Tons        | Cunits | MBF   |       |  |  |  |  |             |  |           |  |
| DF L     |   | 9                          | 1               | 87        | 36              | 9.611          | 4.25        | 9.61         | 7.0           | 20.0          |               | 67                    | 192                   |             |        | 50    | 14    |  |  |  |  |             |  |           |  |
| DF L     |   | 11                         | 1               | 85        | 75              | 6.434          | 4.25        | 6.43         | 17.0          | 60.0          |               | 109                   | 386                   |             |        | 82    | 29    |  |  |  |  |             |  |           |  |
| DF L     |   | 14                         | 6               | 88        | 89              | 23.831         | 25.48       | 43.69        | 19.6          | 70.0          |               | 858                   | 3,058                 |             |        | 643   | 229   |  |  |  |  |             |  |           |  |
| DF L     |   | 15                         | 8               | 89        | 87              | 27.680         | 33.97       | 55.36        | 21.4          | 75.0          |               | 1,187                 | 4,152                 |             |        | 890   | 311   |  |  |  |  |             |  |           |  |
| DF L     |   | 16                         | 5               | 89        | 88              | 15.205         | 21.23       | 24.33        | 24.5          | 87.5          |               | 596                   | 2,129                 |             |        | 447   | 160   |  |  |  |  |             |  |           |  |
| DF L     |   | 17                         | 3               | 90        | 98              | 8.081          | 12.74       | 16.16        | 28.5          | 105.0         |               | 461                   | 1,697                 |             |        | 345   | 127   |  |  |  |  |             |  |           |  |
| DF L     |   | 18                         | 3               | 88        | 84              | 7.208          | 12.74       | 14.42        | 29.0          | 98.3          |               | 418                   | 1,418                 |             |        | 314   | 106   |  |  |  |  |             |  |           |  |
| DF L     |   | 20                         | 1               | 87        | 77              | 1.946          | 4.25        | 3.89         | 33.0          | 100.0         |               | 128                   | 389                   |             |        | 96    | 29    |  |  |  |  |             |  |           |  |
| DF L     |   | Totals                     | 28              | 88        | 82              | 99.997         | 118.89      | 173.90       | 22.0          | 77.2          |               | 3,825                 | 13,421                |             |        | 2,868 | 1,007 |  |  |  |  |             |  |           |  |
| DF T     |   | 10                         | 2               | 88        | 68              | 12.223         | 6.67        | 12.22        | 13.5          | 55.0          |               | 165                   | 672                   |             |        | 124   | 50    |  |  |  |  |             |  |           |  |
| DF T     |   | 11                         | 6               | 89        | 82              | 30.305         | 20.00       | 40.41        | 14.0          | 51.3          |               | 566                   | 2,071                 |             |        | 424   | 155   |  |  |  |  |             |  |           |  |
| DF T     |   | 12                         | 2               | 88        | 79              | 8.488          | 6.67        | 12.73        | 15.7          | 56.7          |               | 199                   | 722                   |             |        | 150   | 54    |  |  |  |  |             |  |           |  |
| DF T     |   | 13                         | 4               | 88        | 80              | 14.465         | 13.33       | 25.31        | 15.9          | 51.4          |               | 401                   | 1,302                 |             |        | 301   | 98    |  |  |  |  |             |  |           |  |
| DF T     |   | 14                         | 3               | 90        | 92              | 9.354          | 10.00       | 18.71        | 19.8          | 73.3          |               | 371                   | 1,372                 |             |        | 278   | 103   |  |  |  |  |             |  |           |  |
| DF T     |   | 15                         | 3               | 89        | 80              | 8.149          | 10.00       | 16.30        | 19.3          | 63.3          |               | 315                   | 1,032                 |             |        | 236   | 77    |  |  |  |  |             |  |           |  |
| DF T     |   | 16                         | 2               | 89        | 90              | 4.775          | 6.67        | 9.55         | 25.0          | 87.5          |               | 239                   | 836                   |             |        | 179   | 63    |  |  |  |  |             |  |           |  |
| DF T     |   | Totals                     | 22              | 89        | 81              | 87.760         | 73.33       | 135.23       | 16.7          | 59.2          |               | 2,256                 | 8,006                 |             |        | 1,692 | 600   |  |  |  |  |             |  |           |  |
| RA       |   | 11                         | 2               | 86        | 80              | 4.810          | 3.17        | 4.81         | 20.5          | 70.0          |               | 99                    | 337                   |             |        | 74    | 25    |  |  |  |  |             |  |           |  |
| RA       |   | 12                         | 1               | 87        | 85              | 2.021          | 1.59        | 2.02         | 24.0          | 70.0          |               | 49                    | 141                   |             |        | 36    | 11    |  |  |  |  |             |  |           |  |
| RA       |   | 13                         | 2               | 87        | 79              | 3.444          | 3.17        | 5.17         | 19.3          | 63.3          |               | 100                   | 327                   |             |        | 75    | 25    |  |  |  |  |             |  |           |  |
| RA       |   | 14                         | 2               | 86        | 69              | 2.970          | 3.17        | 2.97         | 30.0          | 80.0          |               | 89                    | 238                   |             |        | 67    | 18    |  |  |  |  |             |  |           |  |
| RA       |   | Totals                     | 7               | 86        | 78              | 13.245         | 11.11       | 14.97        | 22.5          | 69.7          |               | 336                   | 1,043                 |             |        | 252   | 78    |  |  |  |  |             |  |           |  |
| Totals   |   |                            | 57              | 88        | 81              | 201.002        | 203.33      | 324.09       | 19.8          | 69.3          |               | 6,417                 | 22,470                |             |        | 4,813 | 1,685 |  |  |  |  |             |  |           |  |

| TC                        |        | PLOGSTVB    |          | Log Stock Table - MBF |              |          |            |          |                                          |     |     |     |       |                |       |       |       |       |       |     |  |
|---------------------------|--------|-------------|----------|-----------------------|--------------|----------|------------|----------|------------------------------------------|-----|-----|-----|-------|----------------|-------|-------|-------|-------|-------|-----|--|
| T10S R07W S19 Ty00PC75.00 |        |             |          | Project: EASTYAQ      |              |          |            |          |                                          |     |     |     |       | Page 1         |       |       |       |       |       |     |  |
|                           |        |             |          | Acres 75.00           |              |          |            |          |                                          |     |     |     |       | Date 4/8/2021  |       |       |       |       |       |     |  |
|                           |        |             |          |                       |              |          |            |          |                                          |     |     |     |       | Time 8:18:46AM |       |       |       |       |       |     |  |
| Spp                       | S<br>T | So<br>rt    | Gr<br>de | Log<br>Len            | Gross<br>MBF | Def<br>% | Net<br>MBF | %<br>Spc | Net Volume by Scaling Diameter in Inches |     |     |     |       |                |       |       |       |       |       |     |  |
|                           |        |             |          |                       |              |          |            |          | 2-3                                      | 4-5 | 6-7 | 8-9 | 10-11 | 12-13          | 14-15 | 16-19 | 20-23 | 24-29 | 30-39 | 40+ |  |
| DF                        | L      | DO          | 2M       | 20                    | 25           |          | 25         | 2.5      |                                          |     |     |     |       | 25             |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 2M       | 28                    | 28           |          | 28         | 2.8      |                                          |     |     | 28  |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 3M       | 28                    | 10           |          | 10         | 1.0      |                                          |     | 10  |     |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 3M       | 38                    | 33           |          | 33         | 3.3      |                                          |     | 33  |     |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 3M       | 40                    | 761          |          | 758        | 75.3     |                                          |     | 40  | 345 | 373   |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 4M       | 16                    | 24           |          | 24         | 2.4      |                                          |     | 24  |     |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 4M       | 18                    | 10           |          | 10         | 1.0      |                                          |     | 10  |     |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 4M       | 20                    | 56           |          | 56         | 5.5      |                                          |     | 56  |     |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 4M       | 24                    | 32           |          | 32         | 3.2      |                                          |     | 32  |     |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 4M       | 28                    | 26           | 14.7     | 22         | 2.2      |                                          |     | 22  |     |       |                |       |       |       |       |       |     |  |
| DF                        | L      | DO          | 4M       | 30                    | 8            |          | 8          | .8       |                                          |     | 8   |     |       |                |       |       |       |       |       |     |  |
| DF                        |        | Totals      |          |                       | 1,013        |          | 1,007      | 59.7     |                                          |     | 202 | 378 | 373   | 28             | 25    |       |       |       |       |     |  |
| DF                        | T      | DO          | 3M       | 26                    | 16           |          | 16         | 2.7      |                                          |     | 16  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 3M       | 32                    | 46           |          | 46         | 7.7      |                                          |     | 46  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 3M       | 34                    | 23           |          | 23         | 3.8      |                                          |     | 23  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 3M       | 36                    | 47           |          | 47         | 7.9      |                                          |     | 47  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 3M       | 38                    | 53           |          | 53         | 8.8      |                                          |     | 53  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 3M       | 40                    | 343          | 1.1      | 339        | 56.4     |                                          |     | 113 | 193 | 32    |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 4M       | 12                    | 6            |          | 6          | 1.0      |                                          |     | 6   |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 4M       | 14                    | 4            |          | 4          | .7       |                                          |     | 4   |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 4M       | 16                    | 19           |          | 19         | 3.2      |                                          |     | 19  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 4M       | 18                    | 12           |          | 12         | 1.9      |                                          |     | 12  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 4M       | 20                    | 14           |          | 14         | 2.3      |                                          | 4   | 10  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 4M       | 24                    | 14           |          | 14         | 2.3      |                                          |     | 14  |     |       |                |       |       |       |       |       |     |  |
| DF                        | T      | DO          | 4M       | 26                    | 7            |          | 7          | 1.2      |                                          |     | 7   |     |       |                |       |       |       |       |       |     |  |
| DF                        |        | Totals      |          |                       | 604          |          | 600        | 35.6     |                                          | 4   | 308 | 257 | 32    |                |       |       |       |       |       |     |  |
| RA                        |        | DO          | CR       | 16                    | 4            |          | 4          | 5.0      |                                          |     | 4   |     |       |                |       |       |       |       |       |     |  |
| RA                        |        | DO          | CR       | 32                    | 12           |          | 12         | 14.9     |                                          |     | 12  |     |       |                |       |       |       |       |       |     |  |
| RA                        |        | DO          | CR       | 38                    | 13           |          | 13         | 16.1     |                                          |     | 13  |     |       |                |       |       |       |       |       |     |  |
| RA                        |        | DO          | CR       | 40                    | 50           |          | 50         | 64.0     |                                          |     | 40  | 10  |       |                |       |       |       |       |       |     |  |
| RA                        |        | Totals      |          |                       | 78           |          | 78         | 4.6      |                                          |     | 57  | 22  |       |                |       |       |       |       |       |     |  |
| Total                     |        | All Species |          |                       | 1,696        |          | 1,685      | 100.0    |                                          | 4   | 566 | 656 | 405   | 28             | 25    |       |       |       |       |     |  |

| TC PSTATS                                                        |      |       | PROJECT STATISTICS |                   |          |           |        |         | PAGE            | 1         |           |       |
|------------------------------------------------------------------|------|-------|--------------------|-------------------|----------|-----------|--------|---------|-----------------|-----------|-----------|-------|
|                                                                  |      |       | PROJECT            |                   |          | EASTYAO   |        |         | DATE            | 5/24/2021 |           |       |
| TWP                                                              | RGE  | SC    | TRACT              | TYPE              |          | ACRES     |        | PLOTS   | TREES           | CuFt      | BdFt      |       |
| 10S                                                              | 07   | 19    | A3BA130            | 00PC              |          | 59.00     |        | 16      | 156             | 1         | W         |       |
|                                                                  |      |       |                    |                   | TREES    | ESTIMATED |        | PERCENT |                 |           |           |       |
|                                                                  |      |       | PLOTS              | TREES             | PER PLOT |           | TREES  | SAMPLE  |                 |           |           |       |
|                                                                  |      |       |                    |                   |          |           | TREES  |         | TREES           |           |           |       |
| TOTAL                                                            |      |       | 16                 | 156               | 9.8      |           |        |         |                 |           |           |       |
| CRUISE                                                           |      |       | 6                  | 55                | 9.2      |           | 11,394 |         | .5              |           |           |       |
| DBH COUNT                                                        |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| REFOREST                                                         |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| COUNT                                                            |      |       | 10                 | 101               | 10.1     |           |        |         |                 |           |           |       |
| BLANKS                                                           |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| 100 %                                                            |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| STAND SUMMARY                                                    |      |       |                    |                   |          |           |        |         |                 |           |           |       |
|                                                                  |      |       | SAMPLE             | TREES             | AVG      | BOLE      | REL    | BASAL   | GROSS           | NET       | GROSS     | NET   |
|                                                                  |      |       | TREES              | /ACRE             | DBH      | LEN       | DEN    | AREA    | BF/AC           | BF/AC     | CF/AC     | CF/AC |
| DF-L                                                             |      |       | 38                 | 111.4             | 14.6     | 68        | 33.7   | 128.7   | 17,858          | 17,498    | 4,989     | 4,989 |
| DF-T                                                             |      |       | 16                 | 76.1              | 11.8     | 58        | 16.8   | 57.5    | 7,912           | 7,798     | 2,168     | 2,168 |
| SNAG                                                             |      |       | 1                  | 5.7               | 9.0      | 76        | 0.8    | 2.5     |                 |           |           |       |
| TOTAL                                                            |      |       | 55                 | 193.1             | 13.4     | 64        | 51.6   | 188.7   | 25,770          | 25,296    | 7,157     | 7,157 |
| CONFIDENCE LIMITS OF THE SAMPLE                                  |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| 68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| CL                                                               | 68.1 | COEFF |                    | SAMPLE TREES - BF |          |           |        |         | # OF TREES REQ. |           | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW               | AVG      | HIGH      |        | 5       |                 | 10        | 15        |       |
| DF-L                                                             |      |       | 30.5               | 5.0               | 168      | 177       | 185    |         |                 |           |           |       |
| DF-T                                                             |      |       | 31.8               | 8.2               | 101      | 110       | 119    |         |                 |           |           |       |
| SNAG                                                             |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| TOTAL                                                            |      |       | 39.5               | 5.3               | 146      | 154       | 162    | 62      | 16              | 7         |           |       |
| CL                                                               | 68.1 | COEFF |                    | SAMPLE TREES - CF |          |           |        |         | # OF TREES REQ. |           | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW               | AVG      | HIGH      |        | 5       |                 | 10        | 15        |       |
| DF-L                                                             |      |       | 31.6               | 5.1               | 48       | 51        | 53     |         |                 |           |           |       |
| DF-T                                                             |      |       | 29.9               | 7.7               | 28       | 31        | 33     |         |                 |           |           |       |
| SNAG                                                             |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| TOTAL                                                            |      |       | 40.6               | 5.5               | 42       | 44        | 46     | 66      | 16              | 7         |           |       |
| CL                                                               | 68.1 | COEFF |                    | TREES/ACRE        |          |           |        |         | # OF PLOTS REQ. |           | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW               | AVG      | HIGH      |        | 5       |                 | 10        | 15        |       |
| DF-L                                                             |      |       | 12.6               | 3.3               | 108      | 111       | 115    |         |                 |           |           |       |
| DF-T                                                             |      |       | 70.2               | 18.1              | 62       | 76        | 90     |         |                 |           |           |       |
| SNAG                                                             |      |       | 273.3              | 70.5              | 2        | 6         | 10     |         |                 |           |           |       |
| TOTAL                                                            |      |       | 33.5               | 8.6               | 176      | 193       | 210    | 48      | 12              | 5         |           |       |
| CL                                                               | 68.1 | COEFF |                    | BASAL AREA/ACRE   |          |           |        |         | # OF PLOTS REQ. |           | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW               | AVG      | HIGH      |        | 5       |                 | 10        | 15        |       |
| DF-L                                                             |      |       | 9.8                | 2.5               | 126      | 129       | 132    |         |                 |           |           |       |
| DF-T                                                             |      |       | 69.4               | 17.9              | 47       | 58        | 68     |         |                 |           |           |       |
| SNAG                                                             |      |       | 273.3              | 70.5              | 1        | 3         | 4      |         |                 |           |           |       |
| TOTAL                                                            |      |       | 24.2               | 6.2               | 177      | 189       | 201    | 25      | 6               | 3         |           |       |
| CL                                                               | 68.1 | COEFF |                    | NET BF/ACRE       |          |           |        |         | # OF PLOTS REQ. |           | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW               | AVG      | HIGH      |        | 5       |                 | 10        | 15        |       |
| DF-L                                                             |      |       | 10.8               | 2.8               | 17,010   | 17,498    | 17,985 |         |                 |           |           |       |
| DF-T                                                             |      |       | 68.9               | 17.8              | 6,411    | 7,798     | 9,185  |         |                 |           |           |       |
| SNAG                                                             |      |       |                    |                   |          |           |        |         |                 |           |           |       |
| TOTAL                                                            |      |       | 25.2               | 6.5               | 23,649   | 25,296    | 26,943 | 27      | 7               | 3         |           |       |
| CL                                                               | 68.1 | COEFF |                    | NET CUFT FT/ACRE  |          |           |        |         | # OF PLOTS REQ. |           | INF. POP. |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW               | AVG      | HIGH      |        | 5       |                 | 10        | 15        |       |
| DF-L                                                             |      |       | 10.0               | 2.6               | 4,860    | 4,989     | 5,118  |         |                 |           |           |       |
| DF-T                                                             |      |       | 69.8               | 18.0              | 1,778    | 2,168     | 2,559  |         |                 |           |           |       |



|              |            |           |              |                                  |                         |         |              |                        |             |                  |
|--------------|------------|-----------|--------------|----------------------------------|-------------------------|---------|--------------|------------------------|-------------|------------------|
| TC PSTATS    |            |           |              | <b><u>PROJECT STATISTICS</u></b> |                         |         |              |                        | PAGE        | <b>2</b>         |
|              |            |           |              | PROJECT                          |                         | EASTYAO |              |                        | DATE        | 5/24/2021        |
| <b>TWP</b>   | <b>RGE</b> | <b>SC</b> | <b>TRACT</b> | <b>TYPE</b>                      | <b>ACRES</b>            |         | <b>PLOTS</b> | <b>TREES</b>           | <b>CuFt</b> | <b>BdFt</b>      |
| 10S          | 07         | 19        | A3BA130      | 00PC                             | 59.00                   |         | 16           | 156                    | 1           | W                |
| CL           | 68.1       |           | COEFF        |                                  | <b>NET CUFT FT/ACRE</b> |         |              | <b># OF PLOTS REQ.</b> |             | <b>INF. POP.</b> |
| SD:          | 1.00       |           | VAR.         | S.E.%                            | LOW                     | AVG     | HIGH         | 5                      | 10          | 15               |
| SNAG         |            |           |              |                                  |                         |         |              |                        |             |                  |
| <b>TOTAL</b> |            |           | 24.1         | 6.2                              | 6,712                   | 7,157   | 7,602        | 25                     | 6           | 3                |

| TC                                   |   | PSPCSTGR |                  | Species, Sort Grade - Board Foot Volumes (Project) |        |        |                  |                                  |       |     |       |          |           |          |           |                |       |       |       |                      |  |
|--------------------------------------|---|----------|------------------|----------------------------------------------------|--------|--------|------------------|----------------------------------|-------|-----|-------|----------|-----------|----------|-----------|----------------|-------|-------|-------|----------------------|--|
| <div>T10S R07W S19 Ty00PC59.00</div> |   |          |                  | Project: EASTYAQ                                   |        |        |                  |                                  |       |     |       |          |           |          |           | Page 1         |       |       |       |                      |  |
|                                      |   |          |                  | Acres 59.00                                        |        |        |                  |                                  |       |     |       |          |           |          |           | Date 5/24/2021 |       |       |       |                      |  |
|                                      |   |          |                  |                                                    |        |        |                  |                                  |       |     |       |          |           |          |           | Time 3:07:03PM |       |       |       |                      |  |
| S So Gr<br>Spp T rt ad               |   |          | %<br>Net<br>BdFt | Bd. Ft. per Acre<br>Def% Gross Net                 |        |        | Total<br>Net MBF | Percent of Net Board Foot Volume |       |     |       |          |           |          |           | Average Log    |       |       |       | Logs<br>Per<br>/Acre |  |
|                                      |   |          | Log Scale Dia.   |                                                    |        |        |                  | Log Length                       |       |     |       | Ln<br>Ft | Dia<br>In | Bd<br>Ft | CF/<br>Lf |                |       |       |       |                      |  |
|                                      |   |          | 4-5              |                                                    |        |        |                  | 6-11                             | 12-16 | 17+ | 12-20 |          |           |          |           | 21-30          | 31-35 | 36-99 |       |                      |  |
| DF                                   | L | DO 2M    | 7                | 1.2                                                | 1,406  | 1,389  | 82               | 25                               | 75    |     |       |          |           | 100      | 40        | 12             | 201   | 1.39  | 6.9   |                      |  |
| DF                                   | L | DO 3M    | 79               | 2.3                                                | 14,037 | 13,715 | 809              | 100                              |       |     |       | 2        | 5         | 93       | 39        | 8              | 102   | 0.74  | 135.1 |                      |  |
| DF                                   | L | DO 4M    | 14               | .9                                                 | 2,415  | 2,394  | 141              | 8                                | 92    |     | 9     | 82       | 9         |          | 27        | 6              | 33    | 0.37  | 73.1  |                      |  |
| DF Totals                            |   |          | 69               | 2.0                                                | 17,858 | 17,498 | 1,032            | 1                                | 93    | 6   | 1     | 13       | 5         | 81       | 35        | 8              | 81    | 0.67  | 215.1 |                      |  |
| DF                                   | T | DO 3M    | 82               | 1.7                                                | 6,516  | 6,402  | 378              | 100                              |       |     |       |          | 2         | 98       | 39        | 7              | 77    | 0.56  | 82.9  |                      |  |
| DF                                   | T | DO 4M    | 18               |                                                    | 1,396  | 1,396  | 82               | 100                              |       |     | 67    | 33       |           |          | 18        | 6              | 23    | 0.34  | 61.1  |                      |  |
| DF Totals                            |   |          | 31               | 1.4                                                | 7,912  | 7,798  | 460              | 100                              |       |     | 12    | 6        | 2         | 80       | 30        | 7              | 54    | 0.50  | 144.0 |                      |  |
| Totals                               |   |          |                  | 1.8                                                | 25,770 | 25,296 | 1,492            | 1                                | 95    | 4   | 5     | 11       | 4         | 81       | 33        | 7              | 70    | 0.61  | 359.1 |                      |  |

| TC                   |   | PSTNDSUM |                 | Stand Table Summary |                 |                |             |              |               |               |               |                       |                       | Page        |        | 1         |  |
|----------------------|---|----------|-----------------|---------------------|-----------------|----------------|-------------|--------------|---------------|---------------|---------------|-----------------------|-----------------------|-------------|--------|-----------|--|
|                      |   |          |                 |                     |                 |                |             |              |               |               |               |                       |                       | Date:       |        | 5/24/2021 |  |
| T10S R07W S19 Ty00PC |   |          |                 | 59.00               |                 | Project        |             | EASTYAQ      |               |               |               | Time:                 |                       | 3:07:04PM   |        |           |  |
|                      |   |          |                 |                     |                 | Acres          |             | 59.00        |               |               |               | Grown Year:           |                       |             |        |           |  |
| S<br>Sp              | T | DBH      | Sample<br>Trees | FF<br>16'           | Tot<br>Av<br>Ht | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log   |               | Tons/<br>Acre | Net<br>Cu.Ft.<br>Acre | Net<br>Bd.Ft.<br>Acre | T o t a l s |        |           |  |
|                      |   |          |                 |                     |                 |                |             |              | Net<br>Cu.Ft. | Net<br>Bd.Ft. |               |                       |                       | Tons        | Cunits | MBF       |  |
| DF                   | L | 9        | 1               | 82                  | 72              | 7.669          | 3.39        | 7.67         | 14.0          | 50.0          |               | 107                   | 383                   |             | 63     | 23        |  |
| DF                   | L | 11       | 1               | 85                  | 126             | 5.134          | 3.39        | 10.27        | 14.0          | 50.0          |               | 144                   | 513                   |             | 85     | 30        |  |
| DF                   | L | 12       | 5               | 86                  | 119             | 21.570         | 16.94       | 43.14        | 16.2          | 60.0          |               | 699                   | 2,588                 |             | 412    | 153       |  |
| DF                   | L | 13       | 4               | 83                  | 110             | 14.703         | 13.55       | 29.41        | 18.4          | 60.0          |               | 540                   | 1,764                 |             | 319    | 104       |  |
| DF                   | L | 14       | 3               | 86                  | 104             | 9.508          | 10.16       | 19.02        | 20.8          | 75.0          |               | 396                   | 1,426                 |             | 234    | 84        |  |
| DF                   | L | 15       | 5               | 86                  | 104             | 13.805         | 16.94       | 27.61        | 24.4          | 87.0          |               | 674                   | 2,402                 |             | 397    | 142       |  |
| DF                   | L | 16       | 5               | 86                  | 101             | 12.133         | 16.94       | 24.27        | 26.2          | 97.0          |               | 636                   | 2,354                 |             | 375    | 139       |  |
| DF                   | L | 17       | 5               | 87                  | 97              | 10.748         | 16.94       | 21.50        | 30.2          | 105.0         |               | 649                   | 2,257                 |             | 383    | 133       |  |
| DF                   | L | 18       | 4               | 86                  | 98              | 7.669          | 13.55       | 15.34        | 32.9          | 112.5         |               | 504                   | 1,726                 |             | 298    | 102       |  |
| DF                   | L | 19       | 4               | 84                  | 95              | 6.883          | 13.55       | 13.77        | 36.8          | 117.5         |               | 506                   | 1,618                 |             | 298    | 95        |  |
| DF                   | L | 20       | 1               | 86                  | 99              | 1.553          | 3.39        | 3.11         | 43.0          | 150.0         |               | 134                   | 466                   |             | 79     | 27        |  |
| DF                   | L | Totals   | 38              | 85                  | 105             | 111.375        | 128.75      | 215.08       | 23.2          | 81.4          |               | 4,989                 | 17,498                |             | 2,943  | 1,032     |  |
| DF                   | T | 9        | 1               | 83                  | 78              | 8.135          | 3.59        | 8.13         | 14.0          | 60.0          |               | 114                   | 488                   |             | 67     | 29        |  |
| DF                   | T | 10       | 2               | 85                  | 109             | 13.178         | 7.19        | 26.36        | 11.7          | 45.0          |               | 310                   | 1,186                 |             | 183    | 70        |  |
| DF                   | T | 11       | 3               | 85                  | 110             | 16.336         | 10.78       | 32.67        | 12.2          | 43.3          |               | 398                   | 1,416                 |             | 235    | 84        |  |
| DF                   | T | 12       | 3               | 84                  | 105             | 13.727         | 10.78       | 27.45        | 14.5          | 46.7          |               | 398                   | 1,281                 |             | 235    | 76        |  |
| DF                   | T | 13       | 3               | 85                  | 110             | 11.696         | 10.78       | 23.39        | 18.7          | 66.7          |               | 437                   | 1,560                 |             | 258    | 92        |  |
| DF                   | T | 14       | 3               | 86                  | 95              | 10.085         | 10.78       | 20.17        | 18.0          | 65.0          |               | 363                   | 1,311                 |             | 214    | 77        |  |
| DF                   | T | 15       | 1               | 85                  | 108             | 2.928          | 3.59        | 5.86         | 25.5          | 95.0          |               | 149                   | 556                   |             | 88     | 33        |  |
| DF                   | T | Totals   | 16              | 85                  | 103             | 76.086         | 57.50       | 144.04       | 15.1          | 54.1          |               | 2,168                 | 7,798                 |             | 1,279  | 460       |  |
| SN                   |   | 9        | 1               | 98                  | 76              | 5.659          | 2.50        |              |               |               |               |                       |                       |             |        |           |  |
| SN                   |   | Totals   | 1               | 98                  | 76              | 5.659          | 2.50        |              |               |               |               |                       |                       |             |        |           |  |
| Totals               |   |          | 55              | 85                  | 103             | 193.120        | 188.75      | 359.12       | 19.9          | 70.4          |               | 7,157                 | 25,296                |             | 4,223  | 1,492     |  |

| TC                                   |        | PLOGSTVB    |          | Log Stock Table - MBF |                                                   |          |            |          |                                          |     |     |     |       |       |                          |       |       |       |       |     |  |
|--------------------------------------|--------|-------------|----------|-----------------------|---------------------------------------------------|----------|------------|----------|------------------------------------------|-----|-----|-----|-------|-------|--------------------------|-------|-------|-------|-------|-----|--|
| <div>T10S R07W S19 Ty00PC59.00</div> |        |             |          |                       | <div>Project: EASTYAQ</div> <div>Acres59.00</div> |          |            |          |                                          |     |     |     |       |       | <div>Page1</div>         |       |       |       |       |     |  |
|                                      |        |             |          |                       |                                                   |          |            |          |                                          |     |     |     |       |       | <div>Date5/24/2021</div> |       |       |       |       |     |  |
|                                      |        |             |          |                       |                                                   |          |            |          |                                          |     |     |     |       |       | <div>Time3:07:03PM</div> |       |       |       |       |     |  |
| Spp                                  | S<br>T | So<br>rt    | Gr<br>de | Log<br>Len            | Gross<br>MBF                                      | Def<br>% | Net<br>MBF | %<br>Spc | Net Volume by Scaling Diameter in Inches |     |     |     |       |       |                          |       |       |       |       |     |  |
|                                      |        |             |          |                       |                                                   |          |            |          | 2-3                                      | 4-5 | 6-7 | 8-9 | 10-11 | 12-13 | 14-15                    | 16-19 | 20-23 | 24-29 | 30-39 | 40+ |  |
| DF                                   | L      | DO          | 2M       | 40                    | 83                                                | 1.2      | 82         | 7.9      |                                          |     |     |     | 20    | 62    |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 3M       | 28                    | 17                                                |          | 17         | 1.7      |                                          |     |     |     | 17    |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 3M       | 32                    | 8                                                 |          | 8          | .8       |                                          |     | 8   |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 3M       | 34                    | 32                                                |          | 32         | 3.1      |                                          |     | 32  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 3M       | 36                    | 57                                                | 9.9      | 51         | 5.0      |                                          |     | 51  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 3M       | 38                    | 33                                                |          | 33         | 3.2      |                                          |     | 33  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 3M       | 40                    | 681                                               | 2.0      | 667        | 64.7     |                                          |     | 18  | 291 | 358   |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 4M       | 20                    | 13                                                |          | 13         | 1.2      |                                          |     | 13  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 4M       | 24                    | 14                                                |          | 14         | 1.4      |                                          |     | 14  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 4M       | 26                    | 21                                                |          | 21         | 2.1      |                                          |     | 21  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 4M       | 28                    | 13                                                |          | 13         | 1.3      |                                          |     | 13  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 4M       | 30                    | 67                                                |          | 67         | 6.5      |                                          | 4   | 64  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 4M       | 32                    | 10                                                | 13.0     | 8          | .8       |                                          | 3   | 5   |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | L      | DO          | 4M       | 34                    | 4                                                 |          | 4          | .4       |                                          | 4   |     |     |       |       |                          |       |       |       |       |     |  |
| DF                                   |        | Totals      |          |                       | 1,054                                             | 2.0      | 1,032      | 69.2     |                                          | 11  | 273 | 291 | 395   | 62    |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 3M       | 34                    | 9                                                 |          | 9          | 1.9      |                                          |     | 9   |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 3M       | 36                    | 39                                                |          | 39         | 8.5      |                                          |     | 19  | 20  |       |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 3M       | 38                    | 89                                                |          | 89         | 19.3     |                                          |     | 89  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 3M       | 40                    | 248                                               | 2.7      | 241        | 52.4     |                                          |     | 105 | 112 | 24    |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 4M       | 12                    | 11                                                |          | 11         | 2.3      |                                          |     | 3   |     | 8     |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 4M       | 14                    | 21                                                |          | 21         | 4.5      |                                          |     | 21  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 4M       | 18                    | 5                                                 |          | 5          | 1.2      |                                          |     | 5   |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 4M       | 20                    | 19                                                |          | 19         | 4.1      |                                          |     | 19  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 4M       | 24                    | 21                                                |          | 21         | 4.6      |                                          |     | 21  |     |       |       |                          |       |       |       |       |     |  |
| DF                                   | T      | DO          | 4M       | 26                    | 6                                                 |          | 6          | 1.3      |                                          |     | 6   |     |       |       |                          |       |       |       |       |     |  |
| DF                                   |        | Totals      |          |                       | 467                                               | 1.4      | 460        | 30.8     |                                          |     | 296 | 132 | 32    |       |                          |       |       |       |       |     |  |
| Total                                |        | All Species |          |                       | 1,520                                             | 1.8      | 1,492      | 100.0    |                                          | 11  | 569 | 423 | 427   | 62    |                          |       |       |       |       |     |  |

| TC PSTATS                                                        |      |    | PROJECT STATISTICS |                   |                   |             |                             |                            |                 | PAGE         | 1              |              |
|------------------------------------------------------------------|------|----|--------------------|-------------------|-------------------|-------------|-----------------------------|----------------------------|-----------------|--------------|----------------|--------------|
|                                                                  |      |    | PROJECT            |                   |                   | EASTYAO     |                             |                            |                 | DATE         | 4/8/2021       |              |
| TWP                                                              | RGE  | SC | TRACT              | TYPE              | ACRES             |             | PLOTS                       | TREES                      | CuFt            | BdFt         |                |              |
| 10S                                                              | 07   | 19 | A4BA130            | 00PC              | 42.00             |             | 14                          | 146                        | 1               | W            |                |              |
|                                                                  |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
|                                                                  |      |    | PLOTS              | TREES             | TREES<br>PER PLOT |             | ESTIMATED<br>TOTAL<br>TREES | PERCENT<br>SAMPLE<br>TREES |                 |              |                |              |
| TOTAL                                                            |      |    | 14                 | 146               | 10.4              |             |                             |                            |                 |              |                |              |
| CRUISE                                                           |      |    | 5                  | 50                | 10.0              |             | 8,646                       | .6                         |                 |              |                |              |
| DBH COUNT                                                        |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
| REFOREST                                                         |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
| COUNT                                                            |      |    | 9                  | 96                | 10.7              |             |                             |                            |                 |              |                |              |
| BLANKS                                                           |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
| 100 %                                                            |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
| STAND SUMMARY                                                    |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
|                                                                  |      |    | SAMPLE<br>TREES    | TREES<br>/ACRE    | AVG<br>DBH        | BOLE<br>LEN | REL<br>DEN                  | BASAL<br>AREA              | GROSS<br>BF/AC  | NET<br>BF/AC | GROSS<br>CF/AC | NET<br>CF/AC |
| DF-L                                                             |      |    | 32                 | 109.8             | 14.7              | 64          | 33.9                        | 130.0                      | 16,886          | 16,662       | 4,709          | 4,709        |
| DF-T                                                             |      |    | 18                 | 96.1              | 12.2              | 51          | 22.5                        | 78.6                       | 8,816           | 8,768        | 2,441          | 2,441        |
| TOTAL                                                            |      |    | 50                 | 205.9             | 13.6              | 58          | 56.5                        | 208.6                      | 25,702          | 25,430       | 7,150          | 7,150        |
| CONFIDENCE LIMITS OF THE SAMPLE                                  |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
| 68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR |      |    |                    |                   |                   |             |                             |                            |                 |              |                |              |
| CL                                                               | 68.1 |    | COEFF              | SAMPLE TREES - BF |                   |             |                             |                            | # OF TREES REQ. |              | INF. POP.      |              |
| SD:                                                              | 1.0  |    | VAR.%              | S.E.%             | LOW               | AVG         | HIGH                        |                            | 5               | 10           | 15             |              |
| DF-L                                                             |      |    | 25.1               | 4.4               | 151               | 158         | 165                         |                            |                 |              |                |              |
| DF-T                                                             |      |    | 22.4               | 5.4               | 88                | 93          | 98                          |                            |                 |              |                |              |
| TOTAL                                                            |      |    | 34.3               | 4.9               | 128               | 135         | 142                         |                            | 47              | 12           | 5              |              |
| CL                                                               | 68.1 |    | COEFF              | SAMPLE TREES - CF |                   |             |                             |                            | # OF TREES REQ. |              | INF. POP.      |              |
| SD:                                                              | 1.0  |    | VAR.%              | S.E.%             | LOW               | AVG         | HIGH                        |                            | 5               | 10           | 15             |              |
| DF-L                                                             |      |    | 25.9               | 4.6               | 43                | 45          | 47                          |                            |                 |              |                |              |
| DF-T                                                             |      |    | 22.5               | 5.4               | 25                | 26          | 28                          |                            |                 |              |                |              |
| TOTAL                                                            |      |    | 35.3               | 5.0               | 36                | 38          | 40                          |                            | 50              | 12           | 6              |              |
| CL                                                               | 68.1 |    | COEFF              | TREES/ACRE        |                   |             |                             |                            | # OF PLOTS REQ. |              | INF. POP.      |              |
| SD:                                                              | 1.0  |    | VAR.%              | S.E.%             | LOW               | AVG         | HIGH                        |                            | 5               | 10           | 15             |              |
| DF-L                                                             |      |    | 10.0               | 2.8               | 107               | 110         | 113                         |                            |                 |              |                |              |
| DF-T                                                             |      |    | 43.2               | 12.0              | 85                | 96          | 108                         |                            |                 |              |                |              |
| TOTAL                                                            |      |    | 21.6               | 6.0               | 194               | 206         | 218                         |                            | 20              | 5            | 2              |              |
| CL                                                               | 68.1 |    | COEFF              | BASAL AREA/ACRE   |                   |             |                             |                            | # OF PLOTS REQ. |              | INF. POP.      |              |
| SD:                                                              | 1.0  |    | VAR.%              | S.E.%             | LOW               | AVG         | HIGH                        |                            | 5               | 10           | 15             |              |
| DF-L                                                             |      |    | 8.0                | 2.2               | 127               | 130         | 133                         |                            |                 |              |                |              |
| DF-T                                                             |      |    | 42.9               | 11.9              | 69                | 79          | 88                          |                            |                 |              |                |              |
| TOTAL                                                            |      |    | 17.5               | 4.9               | 198               | 209         | 219                         |                            | 13              | 3            | 1              |              |
| CL                                                               | 68.1 |    | COEFF              | NET BF/ACRE       |                   |             |                             |                            | # OF PLOTS REQ. |              | INF. POP.      |              |
| SD:                                                              | 1.0  |    | VAR.%              | S.E.%             | LOW               | AVG         | HIGH                        |                            | 5               | 10           | 15             |              |
| DF-L                                                             |      |    | 7.3                | 2.0               | 16,325            | 16,662      | 16,998                      |                            |                 |              |                |              |
| DF-T                                                             |      |    | 43.5               | 12.1              | 7,712             | 8,768       | 9,825                       |                            |                 |              |                |              |
| TOTAL                                                            |      |    | 16.5               | 4.6               | 24,270            | 25,430      | 26,590                      |                            | 12              | 3            | 1              |              |
| CL                                                               | 68.1 |    | COEFF              | NET CUFT FT/ACRE  |                   |             |                             |                            | # OF PLOTS REQ. |              | INF. POP.      |              |
| SD:                                                              | 1.0  |    | VAR.%              | S.E.%             | LOW               | AVG         | HIGH                        |                            | 5               | 10           | 15             |              |
| DF-L                                                             |      |    | 7.3                | 2.0               | 4,614             | 4,709       | 4,804                       |                            |                 |              |                |              |
| DF-T                                                             |      |    | 42.7               | 11.8              | 2,152             | 2,441       | 2,730                       |                            |                 |              |                |              |
| TOTAL                                                            |      |    | 15.9               | 4.4               | 6,835             | 7,150       | 7,465                       |                            | 11              | 3            | 1              |              |

| TC                                   |   | PSPCSTGR |     | Species, Sort Grade - Board Foot Volumes (Project) |        |        |       |                                  |      |       |     |            |       |       |       |                |     |     |      |       |       |      |       |
|--------------------------------------|---|----------|-----|----------------------------------------------------|--------|--------|-------|----------------------------------|------|-------|-----|------------|-------|-------|-------|----------------|-----|-----|------|-------|-------|------|-------|
| <div>T10S R07W S19 Ty00PC42.00</div> |   |          |     | Project: EASTYAQ                                   |        |        |       |                                  |      |       |     |            |       |       |       | Page 1         |     |     |      |       |       |      |       |
|                                      |   |          |     | Acres 42.00                                        |        |        |       |                                  |      |       |     |            |       |       |       | Date 4/8/2021  |     |     |      |       |       |      |       |
|                                      |   |          |     |                                                    |        |        |       |                                  |      |       |     |            |       |       |       | Time 7:28:40AM |     |     |      |       |       |      |       |
| S So Gr                              |   |          | %   | Bd. Ft. per Acre                                   |        |        | Total | Percent of Net Board Foot Volume |      |       |     |            |       |       |       | Average Log    |     |     |      | Logs  |       |      |       |
| Spp                                  | T | rt ad    | Net | Def%                                               | Gross  | Net    |       | Log Scale Dia.                   |      |       |     | Log Length |       |       |       | Ln             | Dia | Bd  | CF/  |       |       |      |       |
|                                      |   |          |     |                                                    |        |        |       | 4-5                              | 6-11 | 12-16 | 17+ | 12-20      | 21-30 | 31-35 | 36-99 |                |     |     |      |       |       |      |       |
| DF                                   | L | DO 2M    | 7   | 1.8                                                | 1,285  | 1,262  | 53    | 100                              |      |       |     | 100        |       |       |       | 40             | 12  | 196 | 1.36 | 6.4   |       |      |       |
| DF                                   | L | DO 3M    | 77  | 1.3                                                | 13,032 | 12,857 | 540   | 100                              |      |       |     | 1 99       |       |       |       | 40             | 9   | 115 | 0.79 | 112.2 |       |      |       |
| DF                                   | L | DO 4M    | 16  | 1.0                                                | 2,569  | 2,543  | 107   | 8                                | 92   |       |     |            |       | 41    | 55    | 4              | 22  | 6   | 25   | 0.39  | 101.0 |      |       |
| DF Totals                            |   |          | 66  | 1.3                                                | 16,886 | 16,662 | 700   | 1                                | 91   | 8     |     |            |       |       | 6     | 8              | 1   | 84  | 31   | 8     | 76    | 0.68 | 219.6 |
| DF                                   | T | DO 3M    | 81  | .7                                                 | 7,166  | 7,118  | 299   | 100                              |      |       |     | 3          | 26 71 |       |       |                | 35  | 8   | 74   | 0.59  | 96.1  |      |       |
| DF                                   | T | DO 4M    | 19  |                                                    | 1,650  | 1,650  | 69    | 100                              |      |       |     | 91         | 9     |       |       |                |     | 17  | 6    | 20    | 0.33  | 82.5 |       |
| DF Totals                            |   |          | 34  | .5                                                 | 8,816  | 8,768  | 368   | 100                              |      |       |     | 20         | 2     | 21    | 58    | 27             | 7   | 49  | 0.51 | 178.6 |       |      |       |
| Totals                               |   |          |     | 1.1                                                | 25,702 | 25,430 | 1,068 | 1                                | 94   | 5     |     |            |       |       | 11    | 6              | 8   | 75  | 29   | 7     | 64    | 0.61 | 398.2 |

| TC                                   |   | PSTNDSUM |                 | Stand Table Summary |                |             |              |             |               |               |                       |                       |               | Page  |             | 1        |           |  |
|--------------------------------------|---|----------|-----------------|---------------------|----------------|-------------|--------------|-------------|---------------|---------------|-----------------------|-----------------------|---------------|-------|-------------|----------|-----------|--|
|                                      |   |          |                 |                     |                |             |              |             |               |               |                       |                       |               | Date: |             | 4/8/2021 |           |  |
| <div>T10S R07W S19 Ty00PC42.00</div> |   |          |                 |                     | Project        |             |              |             |               | EASTYAQ       |                       |                       |               |       | Time:       |          | 7:28:40AM |  |
|                                      |   |          |                 |                     | Acres          |             |              |             |               | 42.00         |                       |                       |               |       | Grown Year: |          |           |  |
| S<br>SpC                             | T | Tot      |                 |                     | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log |               | Tons/<br>Acre | Net<br>Cu.Ft.<br>Acre | Net<br>Bd.Ft.<br>Acre | T o t a l s   |       |             |          |           |  |
|                                      |   | DBH      | Sample<br>Trees | FF<br>16'           |                |             |              | Av<br>Ht    | Net<br>Cu.Ft. |               |                       |                       | Net<br>Bd.Ft. | Tons  | Cunits      | MBF      |           |  |
| DF L                                 |   | 12       | 2               | 89                  | 101            | 10.345      | 8.13         | 20.69       | 14.0          | 55.0          |                       | 290                   | 1,138         |       | 122         | 48       |           |  |
| DF L                                 |   | 13       | 3               | 90                  | 92             | 13.222      | 12.19        | 26.44       | 16.0          | 56.7          |                       | 423                   | 1,499         |       | 178         | 63       |           |  |
| DF L                                 |   | 14       | 7               | 90                  | 93             | 26.602      | 28.44        | 53.20       | 19.9          | 72.1          |                       | 1,056                 | 3,838         |       | 444         | 161      |           |  |
| DF L                                 |   | 15       | 11              | 89                  | 89             | 36.415      | 44.69        | 72.83       | 21.8          | 75.9          |                       | 1,589                 | 5,528         |       | 667         | 232      |           |  |
| DF L                                 |   | 16       | 4               | 89                  | 92             | 11.638      | 16.25        | 23.28       | 25.5          | 91.3          |                       | 594                   | 2,124         |       | 249         | 89       |           |  |
| DF L                                 |   | 17       | 2               | 88                  | 95             | 5.155       | 8.13         | 10.31       | 29.0          | 102.5         |                       | 299                   | 1,057         |       | 126         | 44       |           |  |
| DF L                                 |   | 18       | 1               | 91                  | 102            | 2.299       | 4.06         | 4.60        | 36.0          | 115.0         |                       | 166                   | 529           |       | 70          | 22       |           |  |
| DF L                                 |   | 19       | 2               | 91                  | 87             | 4.127       | 8.13         | 8.25        | 35.5          | 115.0         |                       | 293                   | 949           |       | 123         | 40       |           |  |
| DF L                                 |   | Totals   | 32              | 89                  | 92             | 109.802     | 130.00       | 219.60      | 21.4          | 75.9          |                       | 4,709                 | 16,662        |       | 1,978       | 700      |           |  |
| DF T                                 |   | 10       | 1               | 88                  | 64             | 8.003       | 4.37         | 8.00        | 12.0          | 50.0          |                       | 96                    | 400           |       | 40          | 17       |           |  |
| DF T                                 |   | 11       | 2               | 89                  | 92             | 13.228      | 8.73         | 26.46       | 10.2          | 40.0          |                       | 271                   | 1,058         |       | 114         | 44       |           |  |
| DF T                                 |   | 12       | 7               | 88                  | 88             | 38.905      | 30.56        | 72.25       | 14.0          | 51.5          |                       | 1,012                 | 3,724         |       | 425         | 156      |           |  |
| DF T                                 |   | 13       | 5               | 88                  | 82             | 23.678      | 21.83        | 47.36       | 14.5          | 49.0          |                       | 687                   | 2,320         |       | 288         | 97       |           |  |
| DF T                                 |   | 14       | 3               | 88                  | 76             | 12.250      | 13.10        | 24.50       | 15.3          | 51.7          |                       | 376                   | 1,266         |       | 158         | 53       |           |  |
| DF T                                 |   | Totals   | 18              | 88                  | 84             | 96.064      | 78.57        | 178.57      | 13.7          | 49.1          |                       | 2,441                 | 8,768         |       | 1,025       | 368      |           |  |
| Totals                               |   |          | 50              | 89                  | 88             | 205.866     | 208.57       | 398.17      | 18.0          | 63.9          |                       | 7,150                 | 25,430        |       | 3,003       | 1,068    |           |  |

| TC                   |        | PLOGSTVB    |          | Log Stock Table - MBF |              |          |            |          |                                          |     |     |     |       |       |       |       |       |       |       |     |           |  |
|----------------------|--------|-------------|----------|-----------------------|--------------|----------|------------|----------|------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----------|--|
| T10S R07W S19 Ty00PC |        |             |          |                       | 42.00        |          | Project:   |          | EASTYAQ                                  |     |     |     |       |       |       |       |       |       | Page  |     | 1         |  |
|                      |        |             |          |                       |              |          | Acres      |          | 42.00                                    |     |     |     |       |       |       |       |       |       | Date  |     | 4/8/2021  |  |
|                      |        |             |          |                       |              |          |            |          |                                          |     |     |     |       |       |       |       |       |       | Time  |     | 7:28:39AM |  |
| Spp                  | S<br>T | So<br>rt    | Gr<br>de | Log<br>Len            | Gross<br>MBF | Def<br>% | Net<br>MBF | %<br>Spc | Net Volume by Scaling Diameter in Inches |     |     |     |       |       |       |       |       |       |       |     |           |  |
|                      |        |             |          |                       |              |          |            |          | 2-3                                      | 4-5 | 6-7 | 8-9 | 10-11 | 12-13 | 14-15 | 16-19 | 20-23 | 24-29 | 30-39 | 40+ |           |  |
| DF                   | L      | DO          | 2M       | 40                    | 54           | 1.8      | 53         | 7.6      |                                          |     |     |     | 53    |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 3M       | 34                    | 6            |          | 6          | .9       |                                          |     | 6   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 3M       | 36                    | 23           |          | 23         | 3.3      |                                          |     | 8   | 15  |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 3M       | 38                    | 6            |          | 6          | .9       |                                          |     | 6   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 3M       | 40                    | 512          | 1.4      | 504        | 72.1     |                                          |     |     | 347 | 157   |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 14                    | 4            |          | 4          | .6       |                                          |     | 4   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 16                    | 17           |          | 17         | 2.4      |                                          |     | 17  |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 18                    | 6            |          | 6          | .9       |                                          |     | 6   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 20                    | 17           |          | 17         | 2.4      |                                          | 2   | 14  |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 24                    | 28           | 3.9      | 27         | 3.9      |                                          | 2   | 25  |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 26                    | 4            |          | 4          | .5       |                                          |     | 4   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 28                    | 22           |          | 22         | 3.1      |                                          |     | 22  |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 30                    | 6            |          | 6          | .9       |                                          |     | 6   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | L      | DO          | 4M       | 40                    | 4            |          | 4          | .6       |                                          | 4   |     |     |       |       |       |       |       |       |       |     |           |  |
| DF                   |        | Totals      |          |                       | 709          | 1.3      | 700        | 65.5     |                                          | 8   | 119 | 362 | 157   | 53    |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 3M       | 14                    | 9            |          | 9          | 2.3      |                                          |     |     |     | 9     |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 3M       | 32                    | 47           | 4.2      | 45         | 12.3     |                                          |     | 33  | 12  |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 3M       | 34                    | 33           |          | 33         | 9.0      |                                          |     | 17  | 16  |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 3M       | 36                    | 64           |          | 64         | 17.4     |                                          |     |     | 64  |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 3M       | 38                    | 72           |          | 72         | 19.5     |                                          |     |     | 72  |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 3M       | 40                    | 76           |          | 76         | 20.6     |                                          |     | 16  | 59  |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 4M       | 12                    | 2            |          | 2          | .5       |                                          |     | 2   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 4M       | 16                    | 44           |          | 44         | 12.0     |                                          |     | 44  |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 4M       | 18                    | 10           |          | 10         | 2.8      |                                          |     | 10  |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 4M       | 20                    | 7            |          | 7          | 1.9      |                                          |     | 7   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   | T      | DO          | 4M       | 24                    | 6            |          | 6          | 1.6      |                                          |     | 6   |     |       |       |       |       |       |       |       |     |           |  |
| DF                   |        | Totals      |          |                       | 370          |          | 368        | 34.5     |                                          |     | 136 | 224 | 9     |       |       |       |       |       |       |     |           |  |
| Total                |        | All Species |          |                       | 1,079        | 1.1      | 1,068      | 100.0    |                                          | 8   | 255 | 586 | 166   | 53    |       |       |       |       |       |     |           |  |



| TC PSTATS                                                        |      |       | PROJECT STATISTICS |       |          |           |         |                 | PAGE   | 1         |       |       |
|------------------------------------------------------------------|------|-------|--------------------|-------|----------|-----------|---------|-----------------|--------|-----------|-------|-------|
|                                                                  |      |       | PROJECT            |       |          | EASTYAO   |         |                 | DATE   | 4/8/2021  |       |       |
| TWP                                                              | RGE  | SC    | TRACT              | TYPE  | ACRES    |           | PLOTS   | TREES           | CuFt   | BdFt      |       |       |
| 11S                                                              | 07   | 16    | A5BA120            | 00PC  | 25.00    |           | 14      | 130             | 1      | W         |       |       |
|                                                                  |      |       |                    |       | TREES    | ESTIMATED | PERCENT |                 |        |           |       |       |
|                                                                  |      |       | PLOTS              | TREES | PER PLOT | TOTAL     | SAMPLE  |                 |        |           |       |       |
|                                                                  |      |       |                    |       |          | TREES     | TREES   |                 |        |           |       |       |
| TOTAL                                                            |      |       | 14                 | 130   | 9.3      |           |         |                 |        |           |       |       |
| CRUISE                                                           |      |       | 5                  | 49    | 9.8      |           | 4,863   | 1.0             |        |           |       |       |
| DBH COUNT                                                        |      |       |                    |       |          |           |         |                 |        |           |       |       |
| REFOREST                                                         |      |       |                    |       |          |           |         |                 |        |           |       |       |
| COUNT                                                            |      |       | 9                  | 81    | 9.0      |           |         |                 |        |           |       |       |
| BLANKS                                                           |      |       |                    |       |          |           |         |                 |        |           |       |       |
| 100 %                                                            |      |       |                    |       |          |           |         |                 |        |           |       |       |
| STAND SUMMARY                                                    |      |       |                    |       |          |           |         |                 |        |           |       |       |
|                                                                  |      |       | SAMPLE             | TREES | AVG      | BOLE      | REL     | BASAL           | GROSS  | NET       | GROSS | NET   |
|                                                                  |      |       | TREES              | /ACRE | DBH      | LEN       | DEN     | AREA            | BF/AC  | BF/AC     | CF/AC | CF/AC |
| DF-L                                                             |      |       | 30                 | 105.7 | 14.4     | 64        | 31.6    | 120.0           | 14,994 | 14,742    | 4,355 | 4,355 |
| DF-T                                                             |      |       | 18                 | 86.6  | 11.7     | 47        | 18.8    | 64.3            | 6,796  | 6,742     | 2,028 | 2,028 |
| SNAG                                                             |      |       | 1                  | 2.2   | 11.0     | 55        | 0.4     | 1.4             |        |           |       |       |
| TOTAL                                                            |      |       | 49                 | 194.5 | 13.2     | 56        | 51.1    | 185.7           | 21,790 | 21,484    | 6,383 | 6,383 |
| CONFIDENCE LIMITS OF THE SAMPLE                                  |      |       |                    |       |          |           |         |                 |        |           |       |       |
| 68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR |      |       |                    |       |          |           |         |                 |        |           |       |       |
| CL                                                               | 68.1 | COEFF | SAMPLE TREES - BF  |       |          |           |         | # OF TREES REQ. |        | INF. POP. |       |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW   | AVG      | HIGH      | 5 10    |                 | 15     |           |       |       |
| DF-L                                                             |      |       | 30.8               | 5.7   | 140      | 149       | 158     |                 |        |           |       |       |
| DF-T                                                             |      |       | 31.3               | 7.6   | 75       | 81        | 87      |                 |        |           |       |       |
| SNAG                                                             |      |       |                    |       |          |           |         |                 |        |           |       |       |
| TOTAL                                                            |      |       | 44.4               | 6.3   | 113      | 121       | 129     | 79              | 20     | 9         |       |       |
| CL                                                               | 68.1 | COEFF | SAMPLE TREES - CF  |       |          |           |         | # OF TREES REQ. |        | INF. POP. |       |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW   | AVG      | HIGH      | 5 10    |                 | 15     |           |       |       |
| DF-L                                                             |      |       | 28.0               | 5.2   | 42       | 44        | 46      |                 |        |           |       |       |
| DF-T                                                             |      |       | 32.5               | 7.9   | 23       | 25        | 26      |                 |        |           |       |       |
| SNAG                                                             |      |       |                    |       |          |           |         |                 |        |           |       |       |
| TOTAL                                                            |      |       | 42.2               | 6.0   | 34       | 36        | 38      | 71              | 18     | 8         |       |       |
| CL                                                               | 68.1 | COEFF | TREES/ACRE         |       |          |           |         | # OF PLOTS REQ. |        | INF. POP. |       |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW   | AVG      | HIGH      | 5 10    |                 | 15     |           |       |       |
| DF-L                                                             |      |       | 9.6                | 2.6   | 103      | 106       | 109     |                 |        |           |       |       |
| DF-T                                                             |      |       | 48.7               | 13.5  | 75       | 87        | 98      |                 |        |           |       |       |
| SNAG                                                             |      |       | 374.2              | 103.6 | 2 4      |           |         |                 |        |           |       |       |
| TOTAL                                                            |      |       | 20.8               | 5.8   | 183      | 195       | 206     | 19              | 5      | 2         |       |       |
| CL                                                               | 68.1 | COEFF | BASAL AREA/ACRE    |       |          |           |         | # OF PLOTS REQ. |        | INF. POP. |       |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW   | AVG      | HIGH      | 5 10    |                 | 15     |           |       |       |
| DF-L                                                             |      |       | .0                 | .0    | 120      | 120       | 120     |                 |        |           |       |       |
| DF-T                                                             |      |       | 53.4               | 14.8  | 55       | 64        | 74      |                 |        |           |       |       |
| SNAG                                                             |      |       | 374.2              | 103.6 | 1 3      |           |         |                 |        |           |       |       |
| TOTAL                                                            |      |       | 20.9               | 5.8   | 175      | 186       | 196     | 19              | 5      | 2         |       |       |
| CL                                                               | 68.1 | COEFF | NET BF/ACRE        |       |          |           |         | # OF PLOTS REQ. |        | INF. POP. |       |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW   | AVG      | HIGH      | 5 10    |                 | 15     |           |       |       |
| DF-L                                                             |      |       | 4.8                | 1.3   | 14,545   | 14,742    | 14,939  |                 |        |           |       |       |
| DF-T                                                             |      |       | 53.5               | 14.8  | 5,743    | 6,742     | 7,741   |                 |        |           |       |       |
| SNAG                                                             |      |       |                    |       |          |           |         |                 |        |           |       |       |
| TOTAL                                                            |      |       | 17.3               | 4.8   | 20,454   | 21,484    | 22,514  | 13              | 3      | 1         |       |       |
| CL                                                               | 68.1 | COEFF | NET CUFT FT/ACRE   |       |          |           |         | # OF PLOTS REQ. |        | INF. POP. |       |       |
| SD:                                                              | 1.0  | VAR.% | S.E.%              | LOW   | AVG      | HIGH      | 5 10    |                 | 15     |           |       |       |
| DF-L                                                             |      |       | 3.4                | .9    | 4,314    | 4,355     | 4,396   |                 |        |           |       |       |
| DF-T                                                             |      |       | 57.7               | 16.0  | 1,704    | 2,028     | 2,352   |                 |        |           |       |       |

|              |            |           |                                  |             |                         |         |              |                        |             |                  |
|--------------|------------|-----------|----------------------------------|-------------|-------------------------|---------|--------------|------------------------|-------------|------------------|
| TC PSTATS    |            |           | <b><u>PROJECT STATISTICS</u></b> |             |                         |         |              |                        | PAGE        | <b>2</b>         |
|              |            |           | PROJECT                          |             |                         | EASTYAO |              |                        | DATE        | 4/8/2021         |
| <b>TWP</b>   | <b>RGE</b> | <b>SC</b> | <b>TRACT</b>                     | <b>TYPE</b> | <b>ACRES</b>            |         | <b>PLOTS</b> | <b>TREES</b>           | <b>CuFt</b> | <b>BdFt</b>      |
| 11S          | 07         | 16        | A5BA120                          | 00PC        | 25.00                   |         | 14           | 130                    | 1           | W                |
| CL           | 68.1       |           | COEFF                            |             | <b>NET CUFT FT/ACRE</b> |         |              | <b># OF PLOTS REQ.</b> |             | <b>INF. POP.</b> |
| SD:          | 1.00       |           | VAR.                             | S.E.%       | LOW                     | AVG     | HIGH         | 5                      | 10          | 15               |
| SNAG         |            |           |                                  |             |                         |         |              |                        |             |                  |
| <b>TOTAL</b> |            |           | 19.5                             | 5.4         | 6,038                   | 6,383   | 6,728        | 16                     | 4           | 2                |

| TC                                   |   | PSPCSTGR |          | Species, Sort Grade - Board Foot Volumes (Project) |        |        |       |                                  |      |       |     |            |       |       |       |                |        |       |        |       |  |
|--------------------------------------|---|----------|----------|----------------------------------------------------|--------|--------|-------|----------------------------------|------|-------|-----|------------|-------|-------|-------|----------------|--------|-------|--------|-------|--|
| <div>T11S R07W S16 Ty00PC25.00</div> |   |          |          | Project: EASTYAQ                                   |        |        |       |                                  |      |       |     |            |       |       |       | Page 1         |        |       |        |       |  |
|                                      |   |          |          | Acres 25.00                                        |        |        |       |                                  |      |       |     |            |       |       |       | Date 4/8/2021  |        |       |        |       |  |
|                                      |   |          |          |                                                    |        |        |       |                                  |      |       |     |            |       |       |       | Time 7:41:27AM |        |       |        |       |  |
| S So Gr                              |   |          | %        | Bd. Ft. per Acre                                   |        |        | Total | Percent of Net Board Foot Volume |      |       |     |            |       |       |       | Average Log    |        |       |        | Logs  |  |
| Spp                                  | T | rt ad    | Net BdFt | Def%                                               | Gross  | Net    |       | Log Scale Dia.                   |      |       |     | Log Length |       |       |       | Ln Ft          | Dia In | Bd Ft | CF/ Lf |       |  |
|                                      |   |          |          |                                                    |        |        |       | 4-5                              | 6-11 | 12-16 | 17+ | 12-20      | 21-30 | 31-35 | 36-99 |                |        |       |        |       |  |
| DF                                   | L | DO 2M    | 5        | 2.9                                                | 770    | 747    | 19    | 55                               | 45   |       |     |            | 45    | 55    | 36    | 12             | 165    | 1.26  | 4.5    |       |  |
| DF                                   | L | DO 3M    | 80       | 1.9                                                | 12,025 | 11,795 | 295   | 100                              |      |       |     |            | 6     | 94    | 39    | 8              | 98     | 0.74  | 120.2  |       |  |
| DF                                   | L | DO 4M    | 15       |                                                    | 2,199  | 2,199  | 55    | 3                                | 97   |       |     | 27         | 61    | 12    | 23    | 6              | 27     | 0.37  | 80.7   |       |  |
| DF Totals                            |   |          | 69       | 1.7                                                | 14,994 | 14,742 | 369   | 0                                | 97   | 2     |     | 4          | 9     | 9     | 78    | 33             | 7      | 72    | 0.65   | 205.4 |  |
| DF                                   | T | DO 3M    | 86       | .9                                                 | 5,863  | 5,809  | 145   | 100                              |      |       |     |            | 5     | 21    | 75    | 38             | 7      | 67    | 0.54   | 86.6  |  |
| DF                                   | T | DO 4M    | 14       |                                                    | 933    | 933    | 23    | 100                              |      |       |     | 75         | 25    |       | 19    | 6              | 22     | 0.33  | 42.8   |       |  |
| DF Totals                            |   |          | 31       | .8                                                 | 6,796  | 6,742  | 169   | 100                              |      |       |     | 10         | 7     | 18    | 64    | 31             | 7      | 52    | 0.50   | 129.4 |  |
| Totals                               |   |          |          | 1.4                                                | 21,790 | 21,484 | 537   | 0                                | 98   | 2     |     | 6          | 9     | 12    | 73    | 32             | 7      | 64    | 0.59   | 334.8 |  |

| TC                                   |   | PSTNDSUM |                 | Stand Table Summary |          |                |             |              |               |               |               |                |                | Page      |             | 1        |  |
|--------------------------------------|---|----------|-----------------|---------------------|----------|----------------|-------------|--------------|---------------|---------------|---------------|----------------|----------------|-----------|-------------|----------|--|
|                                      |   |          |                 |                     |          |                |             |              |               |               |               |                |                | Date:     |             | 4/8/2021 |  |
| <div>T11S R07W S16 Ty00PC25.00</div> |   |          |                 |                     | Project  |                | EASTYAQ     |              |               |               |               | Time:          |                | 7:41:28AM |             |          |  |
|                                      |   |          |                 |                     | Acres    |                | 25.00       |              |               |               |               | Grown Year:    |                |           |             |          |  |
| S<br>SpC                             | T | Tot      |                 |                     |          |                |             |              | Average Log   |               | Net           |                | Net            |           | T o t a l s |          |  |
|                                      |   | DBH      | Sample<br>Trees | FF<br>16'           | Av<br>Ht | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Net<br>Cu.Ft. | Net<br>Bd.Ft. | Tons/<br>Acre | Cu.Ft.<br>Acre | Bd.Ft.<br>Acre | Tons      | Cunits      | MBF      |  |
| DF L                                 |   | 11       | 1               | 83                  | 60       | 6.061          | 4.00        | 6.06         | 15.0          | 50.0          |               | 91             | 303            |           | 23          | 8        |  |
| DF L                                 |   | 12       | 2               | 84                  | 101      | 10.186         | 8.00        | 20.37        | 13.7          | 45.0          |               | 280            | 917            |           | 70          | 23       |  |
| DF L                                 |   | 13       | 3               | 85                  | 96       | 13.019         | 12.00       | 26.04        | 16.2          | 55.0          |               | 421            | 1,432          |           | 105         | 36       |  |
| DF L                                 |   | 14       | 8               | 85                  | 98       | 29.934         | 32.00       | 59.87        | 19.7          | 69.4          |               | 1,179          | 4,153          |           | 295         | 104      |  |
| DF L                                 |   | 15       | 8               | 84                  | 97       | 26.076         | 32.00       | 52.15        | 22.6          | 73.8          |               | 1,177          | 3,846          |           | 294         | 96       |  |
| DF L                                 |   | 16       | 3               | 83                  | 98       | 8.594          | 12.00       | 17.19        | 25.8          | 81.7          |               | 444            | 1,404          |           | 111         | 35       |  |
| DF L                                 |   | 17       | 2               | 86                  | 102      | 5.075          | 8.00        | 10.15        | 31.8          | 117.5         |               | 322            | 1,193          |           | 81          | 30       |  |
| DF L                                 |   | 18       | 3               | 86                  | 100      | 6.791          | 12.00       | 13.58        | 32.5          | 110.0         |               | 441            | 1,494          |           | 110         | 37       |  |
| DF L                                 |   | Totals   | 30              | 84                  | 96       | 105.736        | 120.00      | 205.41       | 21.2          | 71.8          |               | 4,355          | 14,742         |           | 1,089       | 369      |  |
| DF T                                 |   | 10       | 2               | 86                  | 67       | 13.096         | 7.14        | 13.10        | 13.0          | 50.0          |               | 170            | 655            |           | 43          | 16       |  |
| DF T                                 |   | 11       | 4               | 84                  | 74       | 21.647         | 14.29       | 21.65        | 17.5          | 57.5          |               | 379            | 1,245          |           | 95          | 31       |  |
| DF T                                 |   | 12       | 8               | 85                  | 92       | 36.378         | 28.57       | 63.66        | 14.7          | 49.3          |               | 937            | 3,138          |           | 234         | 78       |  |
| DF T                                 |   | 13       | 4               | 82                  | 102      | 15.498         | 14.29       | 31.00        | 17.5          | 55.0          |               | 542            | 1,705          |           | 136         | 43       |  |
| DF T                                 |   | Totals   | 18              | 84                  | 85       | 86.620         | 64.29       | 129.40       | 15.7          | 52.1          |               | 2,028          | 6,742          |           | 507         | 169      |  |
| SN                                   |   | 11       | 1               | 82                  | 55       | 2.165          | 1.43        |              |               |               |               |                |                |           |             |          |  |
| SN                                   |   | Totals   | 1               | 82                  | 55       | 2.165          | 1.43        |              |               |               |               |                |                |           |             |          |  |
| Totals                               |   | 49       | 84              | 91                  |          | 194.520        | 185.71      | 334.81       | 19.1          | 64.2          |               | 6,383          | 21,484         |           | 1,596       | 537      |  |

| TC                   |        | PLOGSTVB    |          |            |              |          |            |          |                                          |     |     |     |       |       |       |       |       | Log Stock Table - MBF |       |     |           |  |  |  |  |  |  |
|----------------------|--------|-------------|----------|------------|--------------|----------|------------|----------|------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-----------------------|-------|-----|-----------|--|--|--|--|--|--|
| T11S R07W S16 Ty00PC |        |             |          |            | 25.00        |          | Project:   |          | EASTYAQ                                  |     |     |     |       |       |       |       |       |                       | Page  |     | 1         |  |  |  |  |  |  |
|                      |        |             |          |            |              |          | Acres      |          | 25.00                                    |     |     |     |       |       |       |       |       |                       | Date  |     | 4/8/2021  |  |  |  |  |  |  |
|                      |        |             |          |            |              |          |            |          |                                          |     |     |     |       |       |       |       |       |                       | Time  |     | 7:41:26AM |  |  |  |  |  |  |
| Spp                  | S<br>T | So<br>rt    | Gr<br>de | Log<br>Len | Gross<br>MBF | Def<br>% | Net<br>MBF | %<br>Spc | Net Volume by Scaling Diameter in Inches |     |     |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
|                      |        |             |          |            |              |          |            |          | 2-3                                      | 4-5 | 6-7 | 8-9 | 10-11 | 12-13 | 14-15 | 16-19 | 20-23 | 24-29                 | 30-39 | 40+ |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 2M       | 32         | 9            | 6.2      | 8          | 2.3      |                                          |     |     |     |       | 8     |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 2M       | 40         | 10           |          | 10         | 2.8      |                                          |     |     |     |       | 10    |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 3M       | 32         | 8            |          | 8          | 2.2      |                                          |     | 8   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 3M       | 34         | 11           |          | 11         | 2.9      |                                          |     | 11  |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 3M       | 36         | 16           |          | 16         | 4.4      |                                          |     | 8   | 8   |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 3M       | 38         | 19           |          | 19         | 5.1      |                                          |     |     | 19  |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 3M       | 40         | 247          | 2.3      | 241        | 65.3     |                                          |     | 25  | 172 | 44    |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 4M       | 14         | 3            |          | 3          | .7       |                                          |     | 3   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 4M       | 16         | 4            |          | 4          | 1.1      |                                          |     | 4   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 4M       | 20         | 8            |          | 8          | 2.2      |                                          |     | 8   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 4M       | 24         | 13           |          | 13         | 3.7      |                                          |     | 13  |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 4M       | 26         | 15           |          | 15         | 4.2      |                                          |     | 15  |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 4M       | 28         | 5            |          | 5          | 1.3      |                                          |     | 5   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | L      | DO          | 4M       | 32         | 6            |          | 6          | 1.7      |                                          | 2   | 5   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   |        | Totals      |          |            | 375          | 1.7      | 369        | 68.6     |                                          | 2   | 105 | 200 | 54    | 8     |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 3M       | 30         | 7            |          | 7          | 4.0      |                                          |     | 7   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 3M       | 32         | 8            | 16.7     | 7          | 4.0      |                                          |     | 7   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 3M       | 34         | 23           |          | 23         | 13.8     |                                          |     | 23  |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 3M       | 38         | 7            |          | 7          | 4.0      |                                          |     | 7   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 3M       | 40         | 102          |          | 102        | 60.3     |                                          |     | 55  | 47  |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 4M       | 14         | 4            |          | 4          | 2.5      |                                          |     | 4   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 4M       | 16         | 5            |          | 5          | 2.7      |                                          |     | 5   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 4M       | 20         | 9            |          | 9          | 5.2      |                                          |     | 9   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 4M       | 24         | 3            |          | 3          | 1.7      |                                          |     | 3   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   | T      | DO          | 4M       | 26         | 3            |          | 3          | 1.7      |                                          |     | 3   |     |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| DF                   |        | Totals      |          |            | 170          |          | 169        | 31.4     |                                          |     | 115 | 53  |       |       |       |       |       |                       |       |     |           |  |  |  |  |  |  |
| Total                |        | All Species |          |            | 545          | 1.4      | 537        | 100.0    |                                          | 2   | 220 | 253 | 54    | 8     |       |       |       |                       |       |     |           |  |  |  |  |  |  |



Oregon Department of Forestry  
**OPERATIONAL PERIODS and SEASONAL RESTRICTIONS**  
West Oregon, NWOA  
24533 ALSEA HWY, PHILOMATH, OR 97370  
(541) 929-3266

Sale Number

WO-341-2022-W00678-01

Sale Name

Eastern Yaq Combo

Expiration Date

December 31, 2024

| Harvesting                                  | Comments     | Units | Project | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Date |
|---------------------------------------------|--------------|-------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                             |              |       |         | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  |      |
| Felling in seasonal restricted area         | Within MMMA  |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Ground yarding                              | Outside MMMA |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Cable yarding in seasonally restricted area | Within MMMA  |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Chainsaw use in seasonally restricted area  | Within MMMA  |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Loading in seasonally restricted area       | Within MMMA  |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Ground yarding                              | Within MMMA  |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |

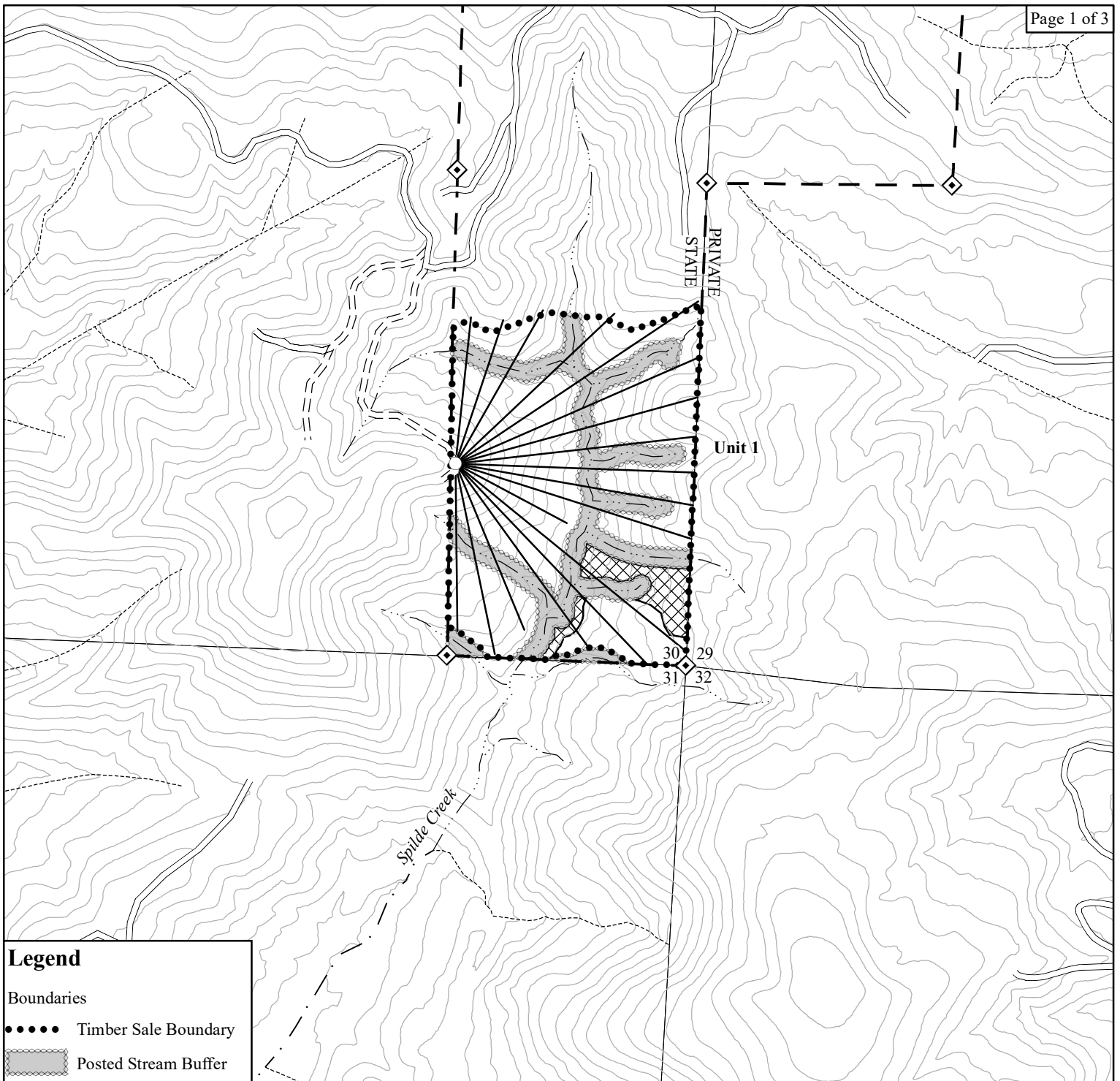
| Hauling                         | Comments | Units | Project | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Date |
|---------------------------------|----------|-------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                 |          |       |         | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  |      |
| Log Hauling on Unsurfaced Roads |          |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |

| Project Work                              | Comments                                                                                                                                                      | Units | Project | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Date |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
|                                           |                                                                                                                                                               |       |         | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  | 1   | 15  |      |
| Project inside seasonally restricted area | For culvert cleanout at Pts. 1 to 2 (Sta. 100+60), tree cutting activities between Pts. 10 to 11 and installation of half-round on Pts. 16 to 17 (Sta. 6+40). |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Non-project roads and landings            | Outside MMMA                                                                                                                                                  |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Road improvement and construction         | Outside MMMA                                                                                                                                                  |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |
| Non-project roads and landings            | Within MMMA                                                                                                                                                   |       |         |     |     |     |     |     |     |     |     |     |     |     |     |      |

Operation Allowed

Operation Restricted

Activity Restricted 2 hours before sunset and 2 hours after sunrise



## Legend

### Boundaries

●●●● Timber Sale Boundary

▨ Posted Stream Buffer

▩ Slope Buffer

— — Ownership

### Roads

== Suraced Road

== Unsurfaced Road

### Streams

· — · Type F Stream

····· Type N Stream

----- Unknown Stream

— Cable Corridor

◆ Land Survey Monument

○ Landing

## LOGGING PLAN

OF TIMBER SALE CONTRACT NO. WO-341-2022-W00678-01

EASTERN YAQ COMBO

PORTIONS OF SECTIONS 19 & 30 T10S, R7W  
& PORTIONS OF SECTION 16 T11S, R7W, W.M.,  
BENTON COUNTY, OREGON.

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of this information.

|      | NET<br>ACRES | NET<br>ACRES |
|------|--------------|--------------|
| UNIT | TRACTOR      | CABLE        |

|        |    |    |
|--------|----|----|
| 1 (MC) | 0  | 37 |
| 2 (PC) | 0  | 75 |
| 3 (PC) | 28 | 31 |
| 4 (PC) | 11 | 31 |
| 5 (PC) | 25 | 0  |

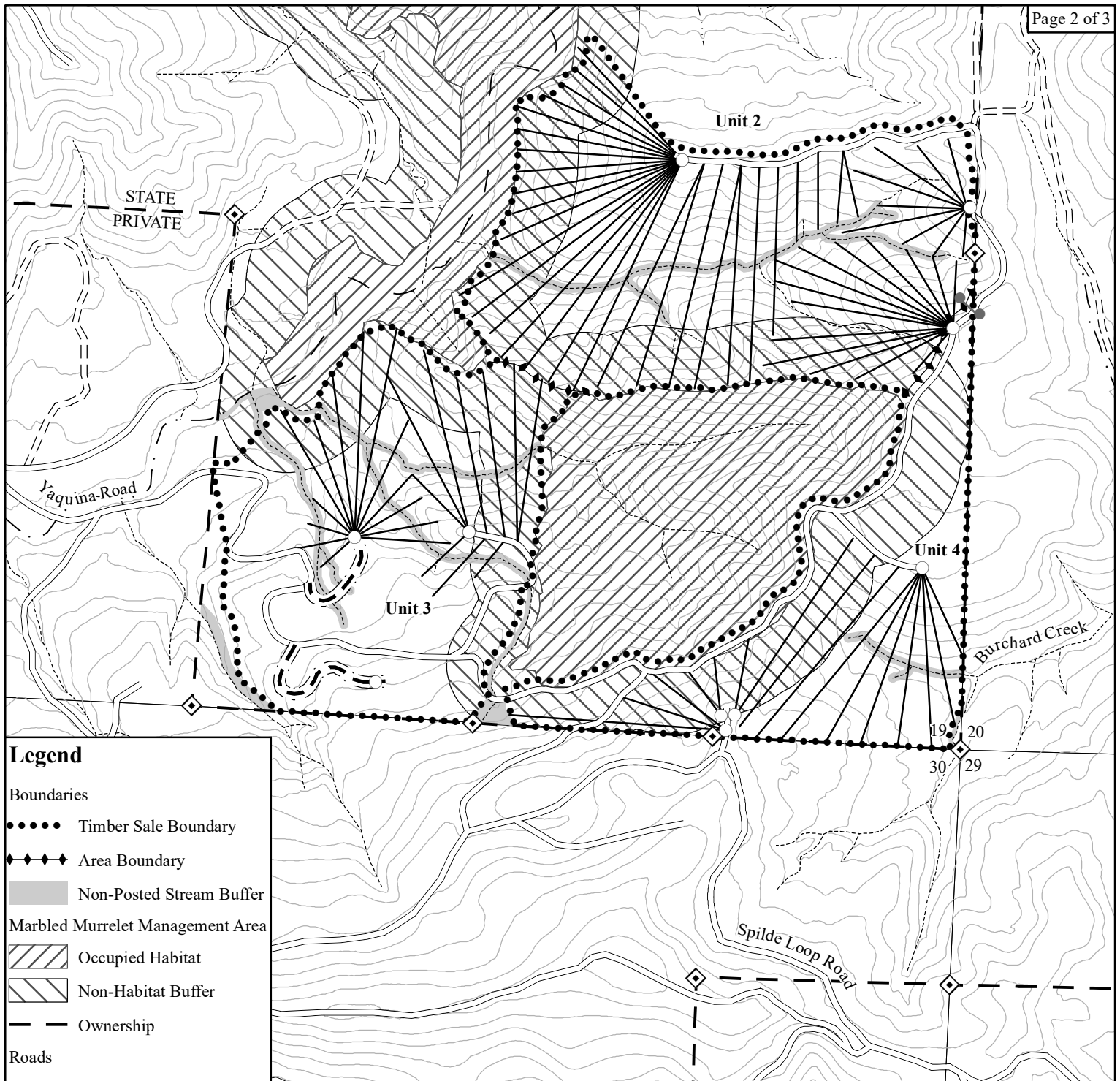
|       |    |     |
|-------|----|-----|
| TOTAL | 64 | 174 |
|-------|----|-----|

1:9,000

450 225 0 450 900 1,350 1,800

Feet

Date: 05/24/2021



## Legend

### Boundaries

- Timber Sale Boundary
- ◆◆◆◆◆ Area Boundary
- Non-Posted Stream Buffer
- Marbled Murrelet Management Area
- Occupied Habitat
- Non-Habitat Buffer
- Ownership

### Roads

- Surfaced Road
- Unsurfaced Road
- New Construction
- Right of Way (Posted)

### Streams

- Type F Stream
- Type N Stream
- Unknown Stream
- Cable Corridor
- Land Survey Monument
- Landing
- Gate

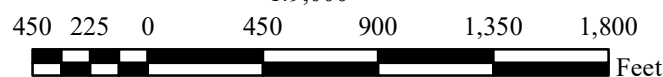
## LOGGING PLAN

OF TIMBER SALE CONTRACT NO. WO-341-2022-W00678-01  
 EASTERN YAQ COMBO  
 PORTIONS OF SECTIONS 19 & 30 T10S, R7W  
 & PORTIONS OF SECTION 16 T11S, R7W, W.M.,  
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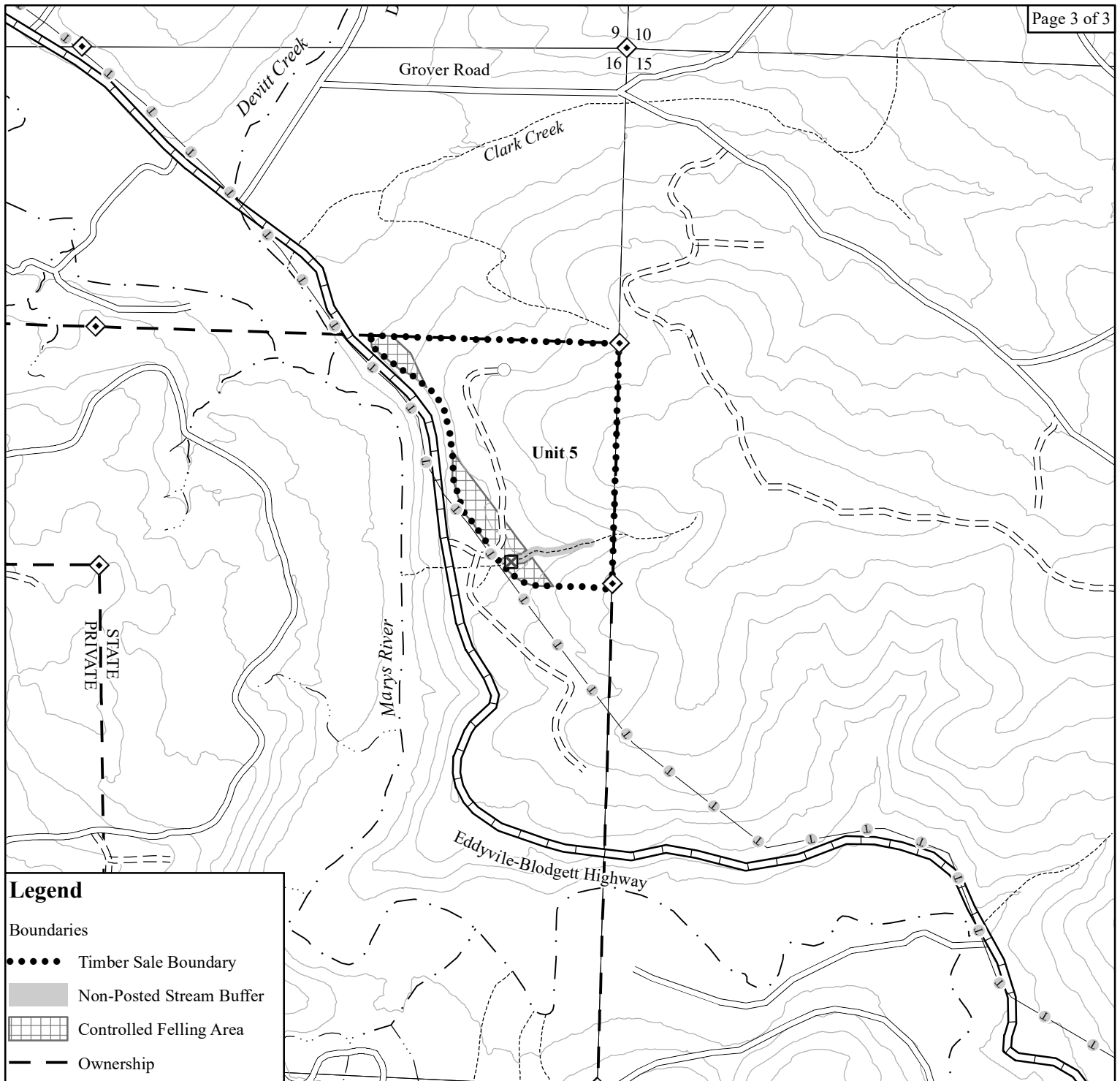
|              | NET<br>ACRES | NET<br>ACRES |
|--------------|--------------|--------------|
| UNIT         | TRACTOR      | CABLE        |
| 1 (MC)       | 0            | 37           |
| 2 (PC)       | 0            | 75           |
| 3 (PC)       | 28           | 31           |
| 4 (PC)       | 11           | 31           |
| 5 (PC)       | 25           | 0            |
| <b>TOTAL</b> | <b>64</b>    | <b>174</b>   |

1:9,000



Date: 05/24/2021





## LOGGING PLAN

OF TIMBER SALE CONTRACT NO. WO-341-2022-W00678-01  
 EASTERN YAQ COMBO  
 PORTIONS OF SECTIONS 19 & 30 T10S, R7W  
 & PORTIONS OF SECTION 16 T11S, R7W, W.M.,  
 BENTON COUNTY, OREGON.

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|              | NET<br>ACRES | NET<br>ACRES |
|--------------|--------------|--------------|
| UNIT         | TRACTOR      | CABLE        |
| 1 (MC)       | 0            | 37           |
| 2 (PC)       | 0            | 75           |
| 3 (PC)       | 28           | 31           |
| 4 (PC)       | 11           | 31           |
| 5 (PC)       | 25           | 0            |
| <b>TOTAL</b> | <b>64</b>    | <b>174</b>   |

1:9,000

450 225 0 450 900 1,350 1,800

Feet

Date: 05/24/2021