WASHINGTON STATE DEPARTMENT OF Natural Resources

TIMBER NOTICE OF SALE

***SALE NAME**: GOLDEN HALO FH FIT* ***AGREEMENT NO**: 30-92131 - 30-92150*

AUCTION: November 17, 2015 starting at 10:00 a.m.
Northeast Region Office, Colville, WA

COUNTY: Ferry, Okanogan

SALE LOCATION: Sale located approximately 5 miles south of Republic, WA for Units 1-7; 5 miles northwest of Curlew, WA for Unit 8; 33 miles northeast of Tonasket, WA for Units 9 & 10.

PRODUCTS SOLD AND SALE AREA: All products sold on a delivered log sort basis meeting the specifications described in the table below. All green conifer species (excluding ponderosa pine), 4.6 inches and greater in diameter at breast height not meeting leave tree guidelines set forth in Schedule 'A' which are bounded by blue “Special Management Unit Boundary” tags and pink ribbon in Units 1, 2, 3, 4 and 5; all green conifer species (excluding ponderosa pine), 4.6 inches and greater in diameter at breast height not banded with blue paint which are bounded by blue “Special Management Unit Boundary” tags and pink ribbon in Units 6, 7, 8, 9 and 10; all timber bounded by orange “Right-of-way Boundary” tags totaling an estimated 6 acres. meeting the specifications described below; on parts of Sections 1, and 12 all in Township 35 North, Range 32 East, Sections 26, 35, and 36 all in Township 36 North, Range 32 East, Sections 13, 14, 23, and 24 all in Township 38 North, Range 31 East, Section 25 in Township 40 North, Range 33 East W.M., containing 544 acres, more or less.

MINIMUM BID AND ESTIMATED LOG VOLUMES:

Agreement #	Sort #	Species and Sort Specifications	Average Log Length	Estimated Volume		Tons Per MBF	Minimum Bid Delivered Prices		Total Appraised Value	Bid Deposit
				Mbf	Tons		$/mbf	$/Ton		
30-092136	06	DF/WL Sawlogs/peelers 11" + dib	16	1257	6285	5		$72.00	$452,520.00	$45,252.00
30-092137	07	DF/WL Sawlogs/peelers 7-10" dib	16	1115	6690	6		$54.00	$361,260.00	$36,126.00
30-092138	08	Chip & Saw 5-6" dib All species except PP	16	429	2746	6.4		$42.00	$115,332.00	$11,533.00
30-092139	09	LP/ES/AF/WP and non-chuckable DF/WL Sawlogs 7"+ dib	16	55	319	5.8		$45.00	$14,355.00	$1,435.50
30-092140	10	Utility Wood all species except WRC 2" and greater	16	138	1242	9		$22.00	$27,324.00	$2,732.40

Totals: **2994** **17282** **$1,059,363.00**

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

BID METHOD: Sealed Bids **UNIT OF MEASURE:** Tonnage Scale

EXPIRATION DATE: June 30, 2016 **ALLOCATION:** Export Restricted

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

BIDDING PROCEDURES: A separate sealed bid and envelope must be submitted for each log sort. Prospective Purchasers may bid on any or all log sorts. On the day of sale the Purchaser must bring their bid deposit up to 10% of their total bid price. Complete bidding procedures and auction information may be obtained from the Northeast Region Office in Colville WA. Phone number (509)684-7474.

TIMBER EXCISE TAX: **P**urchaser must pay the forest excise taxes associated with the log sorts delivered to them. The tax rate for this sale is 4.2 %. Taxable Stumpage = Total Delivered Value – (Harvest Cost + Estimated Haul Cost + ARRF). For more information contact the Department of Revenue, Forest Tax Section at 1-800-548-8829.

Use the following rates for estimating taxable stumpage:

Harvest Cost = $39.00 per Ton for sorts 01, 02, 03, 04, 06, 07, 08, 09, 11, 12, 13, 14, 16, 17, 18 and 19 and $13.00 per Ton for sorts 05, 10, 15 and 20.

Hauling Services Payment Rate per Ton
= (Base Rate + Mileage Rate) x (Contractor's hauling bid factor)

Base Rate = $2.35 per ton

Mileage Rate = (($0.16 x C miles) + ($0.11 x A miles)) x Fuel Index Factor

ARRF does not apply.

Note: To calculate AARF rates per ton use the tons\mbf conversion factor in the table above.

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

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

There are three distinct project areas for this sale. Units 1 thru 7, which make up the "Golden" project area, are located approximately 5 miles south of Republic, WA. Unit 8,

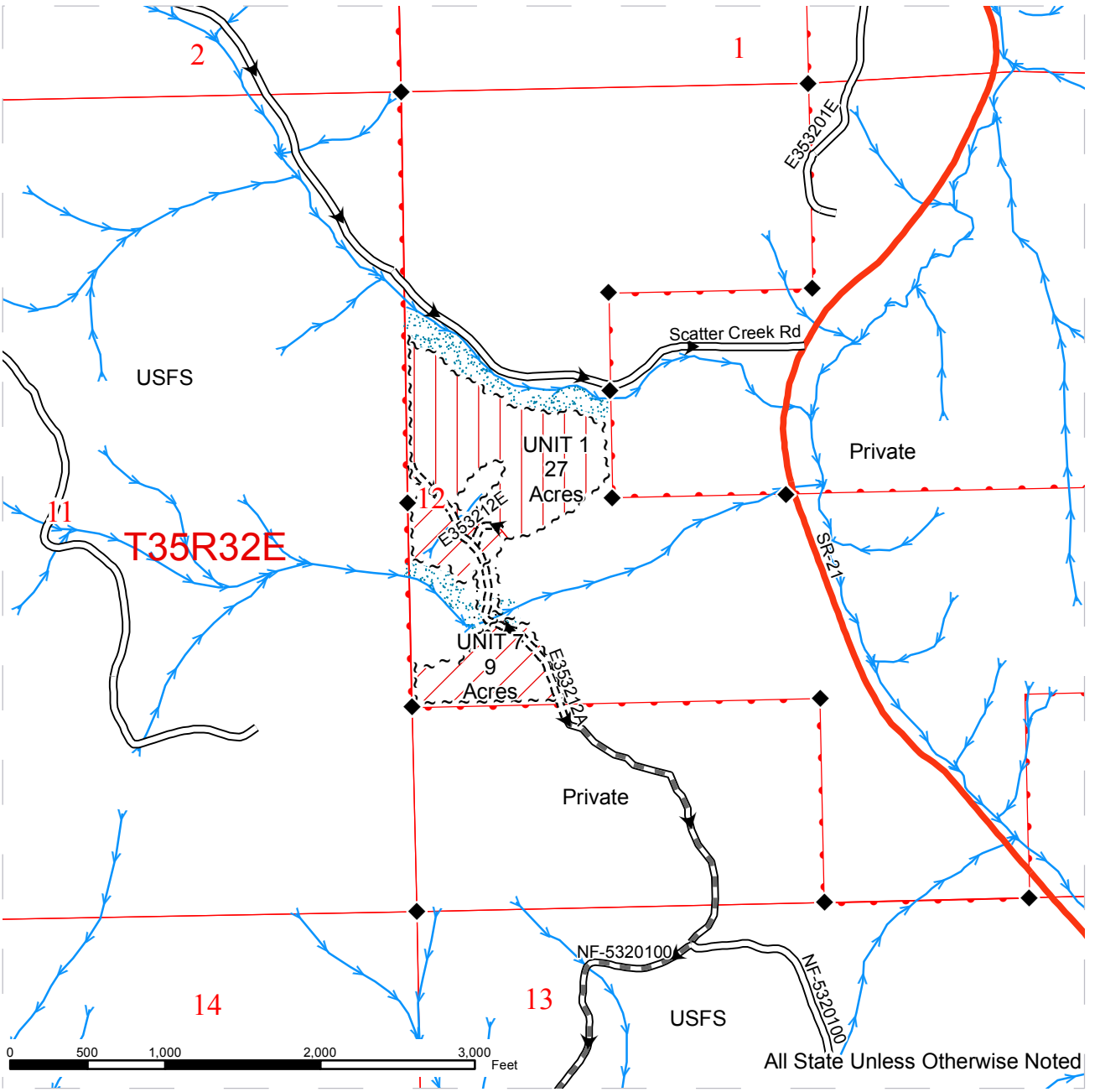
the “Rincon” project area, is located approximately 4.75 miles northwest of Curlew, WA. Units 9 and 10, the “Turner Creek” project area, are located approximately 33 miles northeast of Tonasket, WA.

For more information regarding this log sort sale visit our web site: http://www.dnr.wa.gov/programs-and-services/product-sales-and-leasing/timber-sales/timber-auction-packets. If you have questions call Jason Emsley at the Northeast Region Office at (509)684-7474 or Steve Teitzel at the Product Sales and Leasing Division Office in Olympia at (509)902-1741.

TIMBER SALE MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



Special Management Unit Boundary Tags	Highway	Riparian Management Zone
Cable Yarding (283 Ac)	County	Streams
Ground Skidding	Existing	Monumented Corners
Right of Way (6 Ac)	Pre Haul Maintenance	Gate
	Required Construction	Fence
	Required Reconstruction	
	Haul Route	

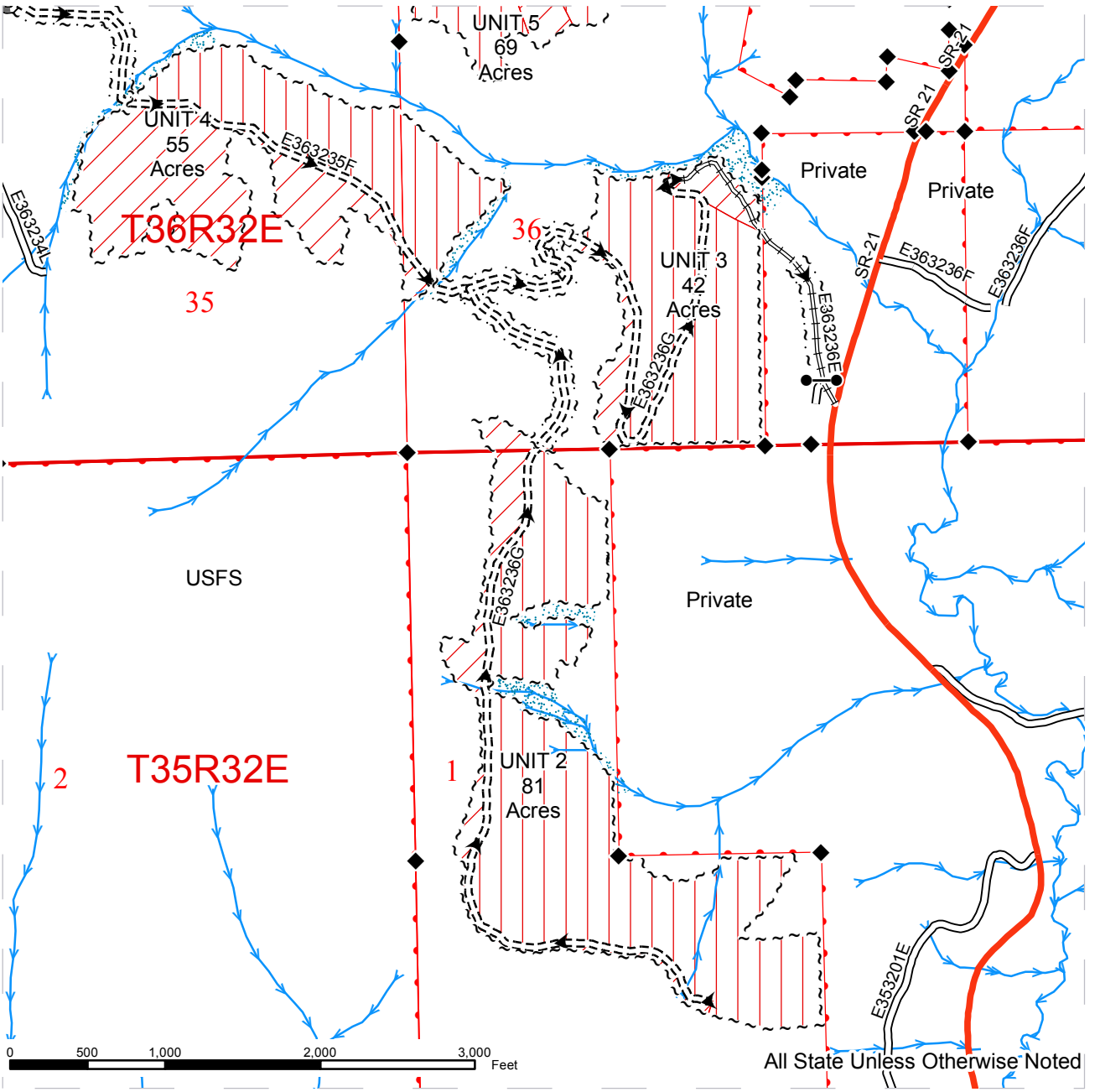
N

Prepared By: cdic490 Creation Date: 6/10/2014 Modification Date: 2/6/2015

TIMBER SALE MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



Special Management Unit Boundary Tags	Highway	Riparian Management Zone
Cable Yarding (283 Ac)	County	Streams
Ground Skidding	Existing	Monumented Corners
Right of Way (6 Ac)	Pre Haul Maintenance	Gate
	Required Construction	Fence
	Required Reconstruction	
	Haul Route	

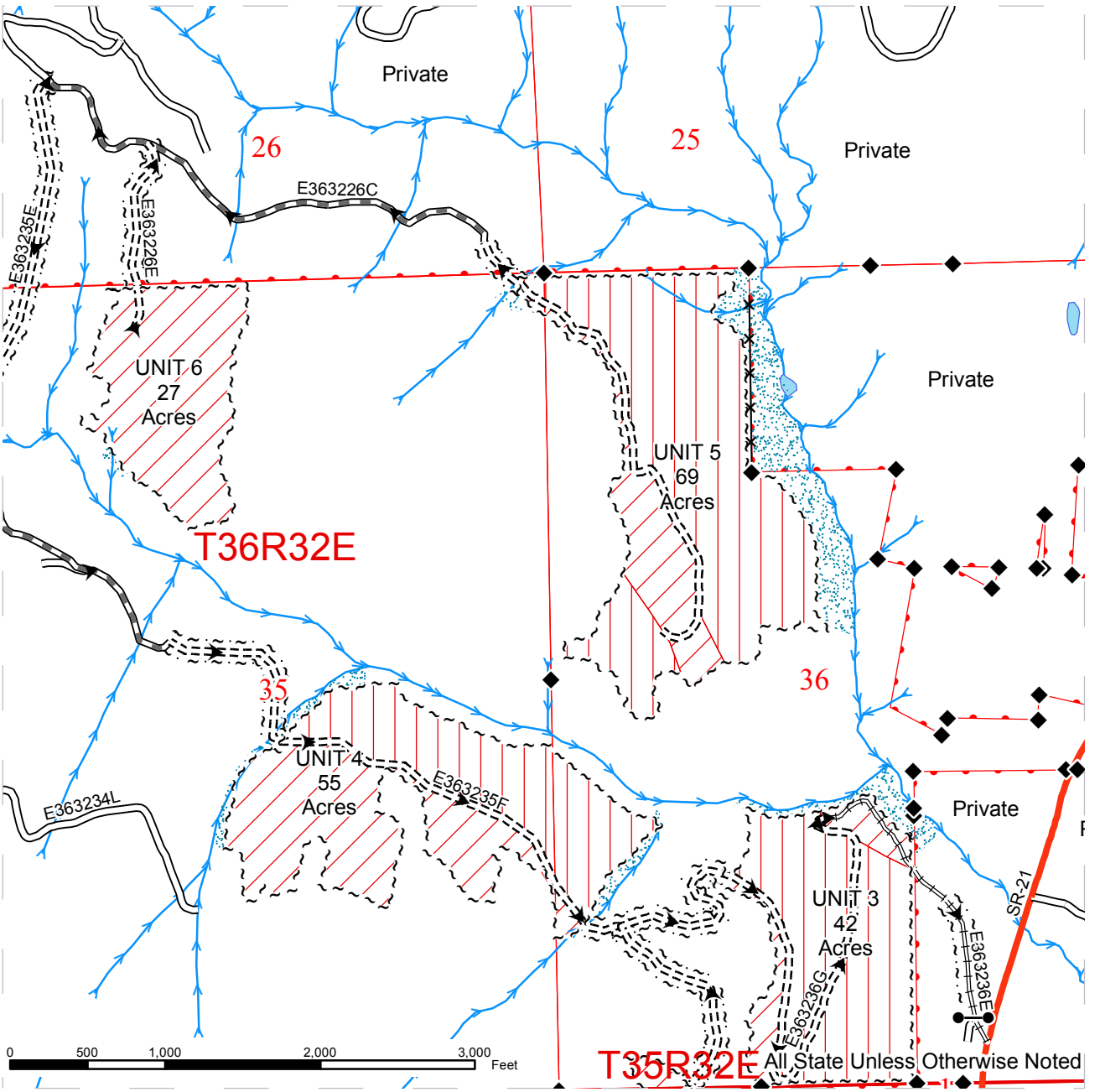
N

Prepared By: cdic490 Creation Date: 6/10/2014 Modification Date: 2/6/2015

TIMBER SALE MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



Special Management Unit Boundary Tags
Cable Yarding (283 Ac)
Ground Skidding
Right of Way (6 Ac)
Highway
County
Existing
Pre Haul Maintenance
Required Construction
Required Reconstruction
Haul Route
Riparian Management Zone
Streams
Monumented Corners
Gate
Fence

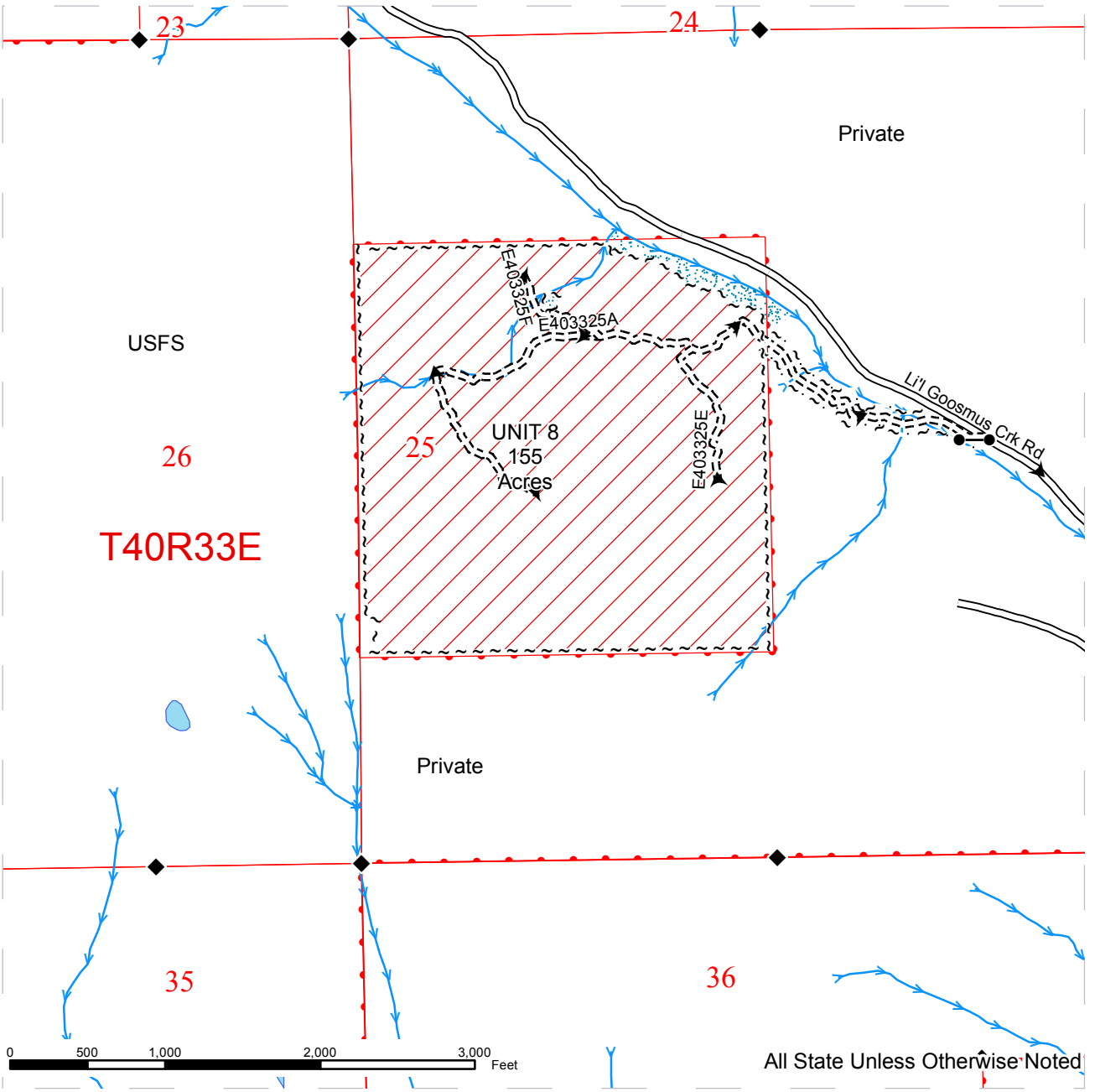
N

Prepared By: cdic490
Creation Date: 6/10/2014
Modification Date: 2/6/2015

TIMBER SALE MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



~ ~ ~ Special Management Unit Boundary Tags
Cable Yarding (283 Ac)
Ground Skidding
Right of Way (6 Ac)

Highway
County
Existing
Pre Haul Maintenance
Required Construction
Required Reconstruction
Haul Route

Riparian Management Zone
Streams
Monumented Corners
Gate
Fence

N

Prepared By: cdic490

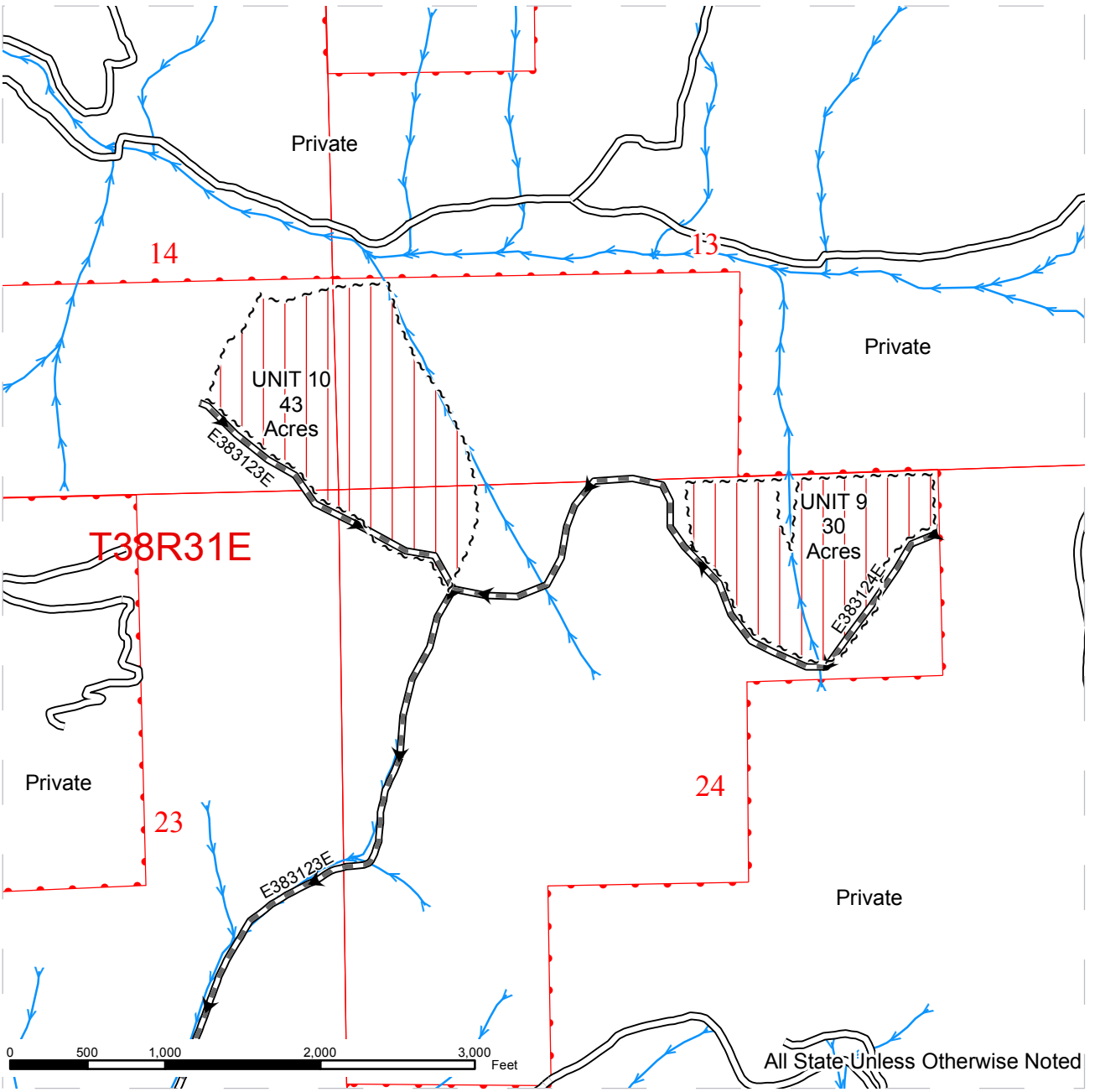
Creation Date: 6/10/2014

Modification Date: 2/6/2015

TIMBER SALE MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



Special Management Unit Boundary Tags
Cable Yarding (283 Ac)
Ground Skidding
Right of Way (6 Ac)
Highway
County
Existing
Pre Haul Maintenance
Required Construction
Required Reconstruction
Haul Route
Riparian Management Zone
Streams
Monumented Corners
Gate
Fence

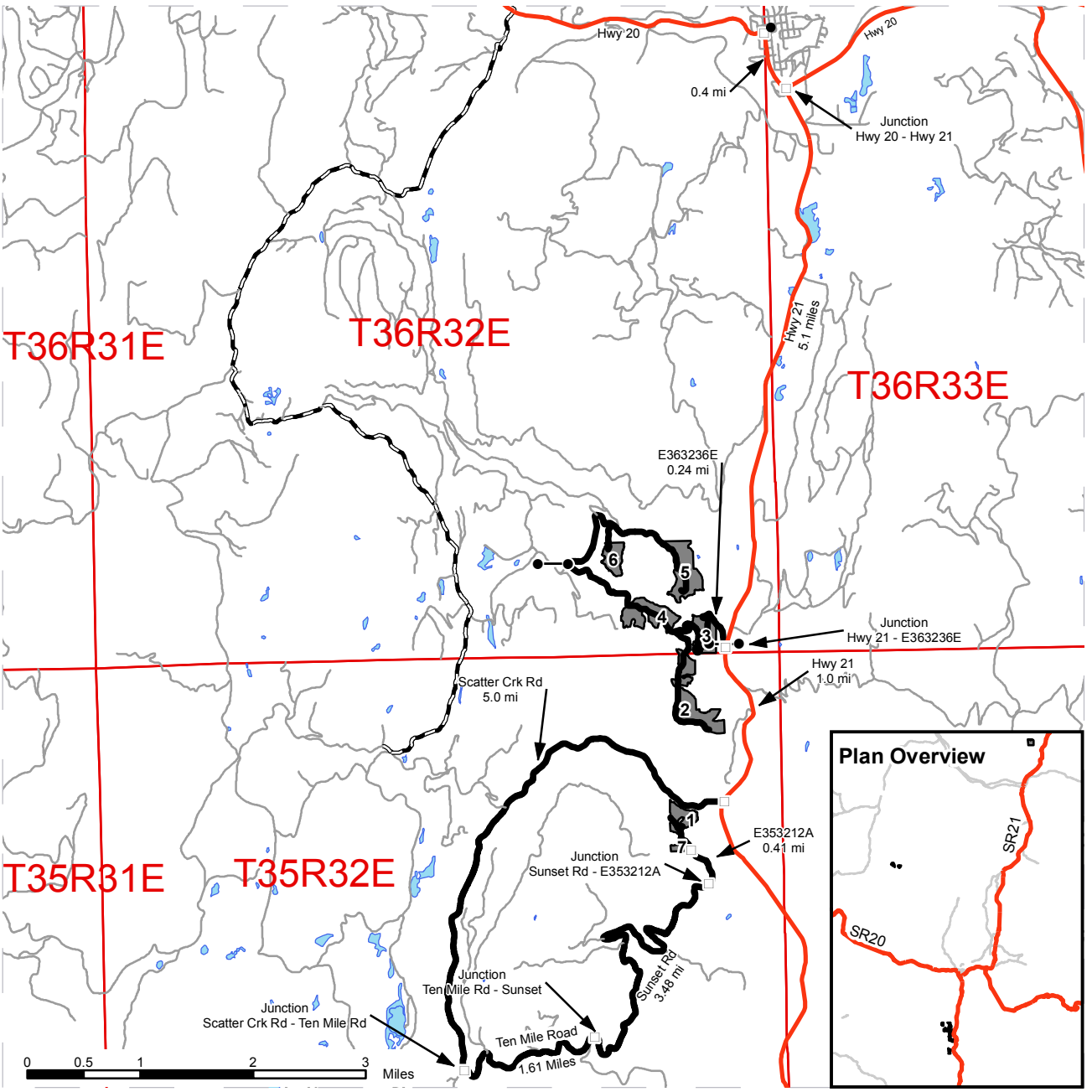
N

Prepared By: cdic490
Creation Date: 6/10/2014
Modification Date: 2/6/2015

DRIVING MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



- Timber Sale Unit
- Highways
- County
- Haul Route
- Other Route
- Milepost Marker
- Gate

DRIVING DIRECTIONS:

To access Units 2, 3, 4, 5, and 6 travel south from Republic on Hwy 21 for 5 miles and turn right onto E363236E road, continue northwest 0.24 miles. To access units 1 & 7; travel south another mile on Hwy 21. Turn right onto Scatter Creek Rd and continue west then south 5 miles to Ten Mile Rd (NF-5320100). Turn left onto Ten Mile Rd and drive east 1.61 miles to the junction of Ten Mile Rd and Sunset Rd (NF-5320100). Turn left onto Sunset Rd and drive 3.48 miles. Turn left onto E353212A and travel north 0.41 miles to units 1 & 7.

To access Unit 8; travel north from Curlew on Hwy 21 for 3.9 miles. At the junction of Hwy 21 and Little Goosmus Crk Rd turn left. Drive 0.76 miles to junction of Little Goosmus Crk Rd and E403325A. Turn left continue east 0.31 miles to unit.

Unit 9 &10 access travel 23 miles east from Tonasket on Hwy 20. Turn left at Toroda Crk Rd, drive 7.3 mi. At Cougar Crk Rd turn right and drive 2.95 miles. Turn left onto E383123E and drive 0.88 miles to units.

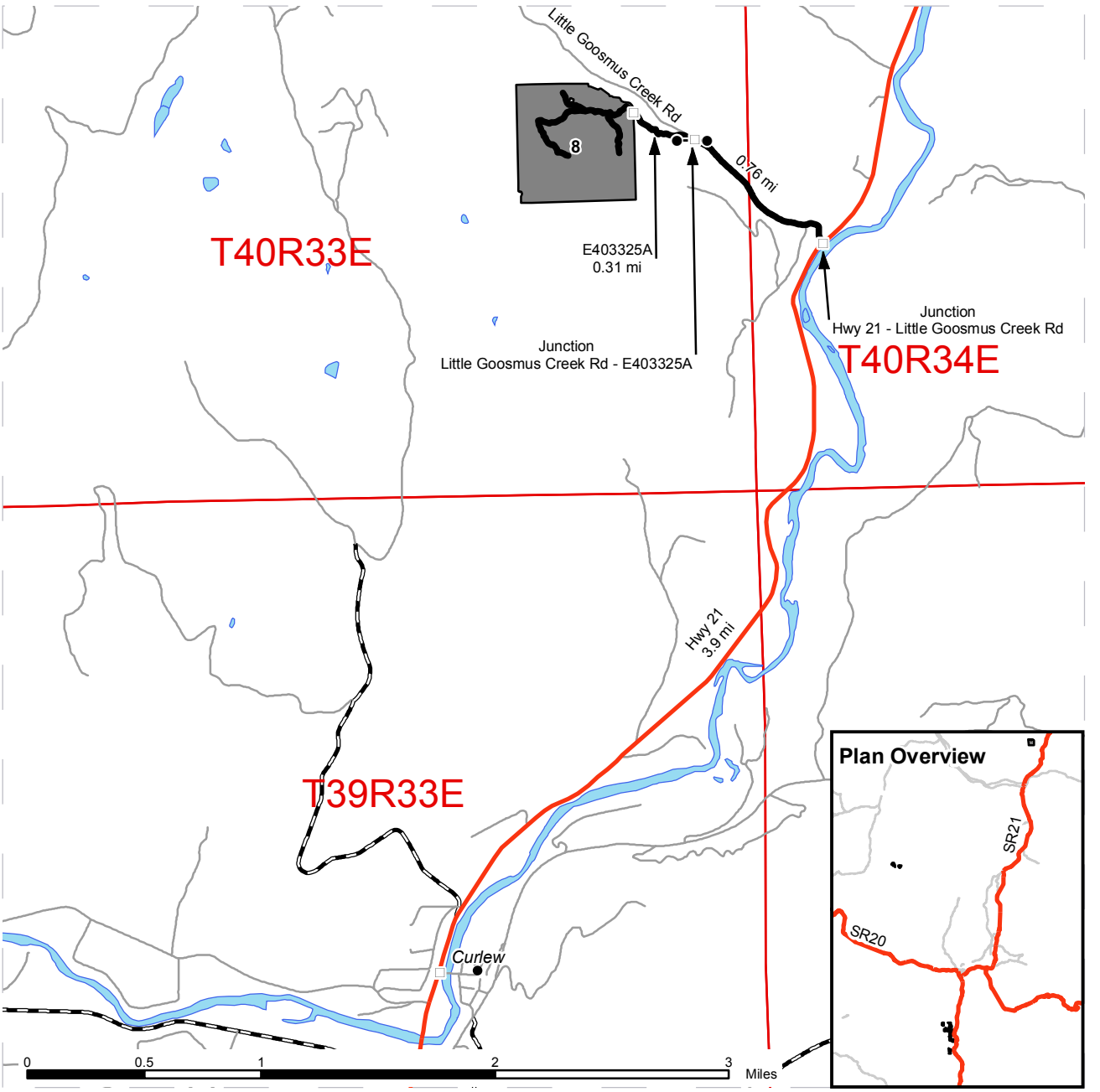
N

Prepared By: cdic490 Creation Date: 6/10/2014 Modification Date: 9/22/2014

DRIVING MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



- Timber Sale Unit
- Highways
- County
- Haul Route
- Other Route
- Milepost Marker
- Gate

DRIVING DIRECTIONS:

To access Units 2, 3, 4, 5, and 6 travel south from Republic on Hwy 21 for 5 miles and turn right onto E363236E road, continue northwest 0.24 miles. To access units 1 & 7; travel south another mile on Hwy 21. Turn right onto Scatter Creek Rd and continue west then south 5 miles to Ten Mile Rd (NF-5320100). Turn left onto Ten Mile Rd and drive east 1.61 miles to the junction of Ten Mile Rd and Sunset Rd (NF-5320100). Turn left onto Sunset Rd and drive 3.48 miles. Turn left onto E353212A and travel north 0.41 miles to units 1 & 7.

To access Unit 8; travel north from Curlew on Hwy 21 for 3.9 miles. At the junction of Hwy 21 and Little Goosmus Crk Rd turn left. Drive 0.76 miles to junction of Little Goosmus Crk Rd and E403325A. Turn left continue east 0.31 miles to unit.

Unit 9 &10 access travel 23 miles east from Tonasket on Hwy 20. Turn left at Toroda Crk Rd, drive 7.3 mi. At Cougar Crk Rd turn right and drive 2.95 miles. Turn left onto E383123E and drive 0.88 miles to units.

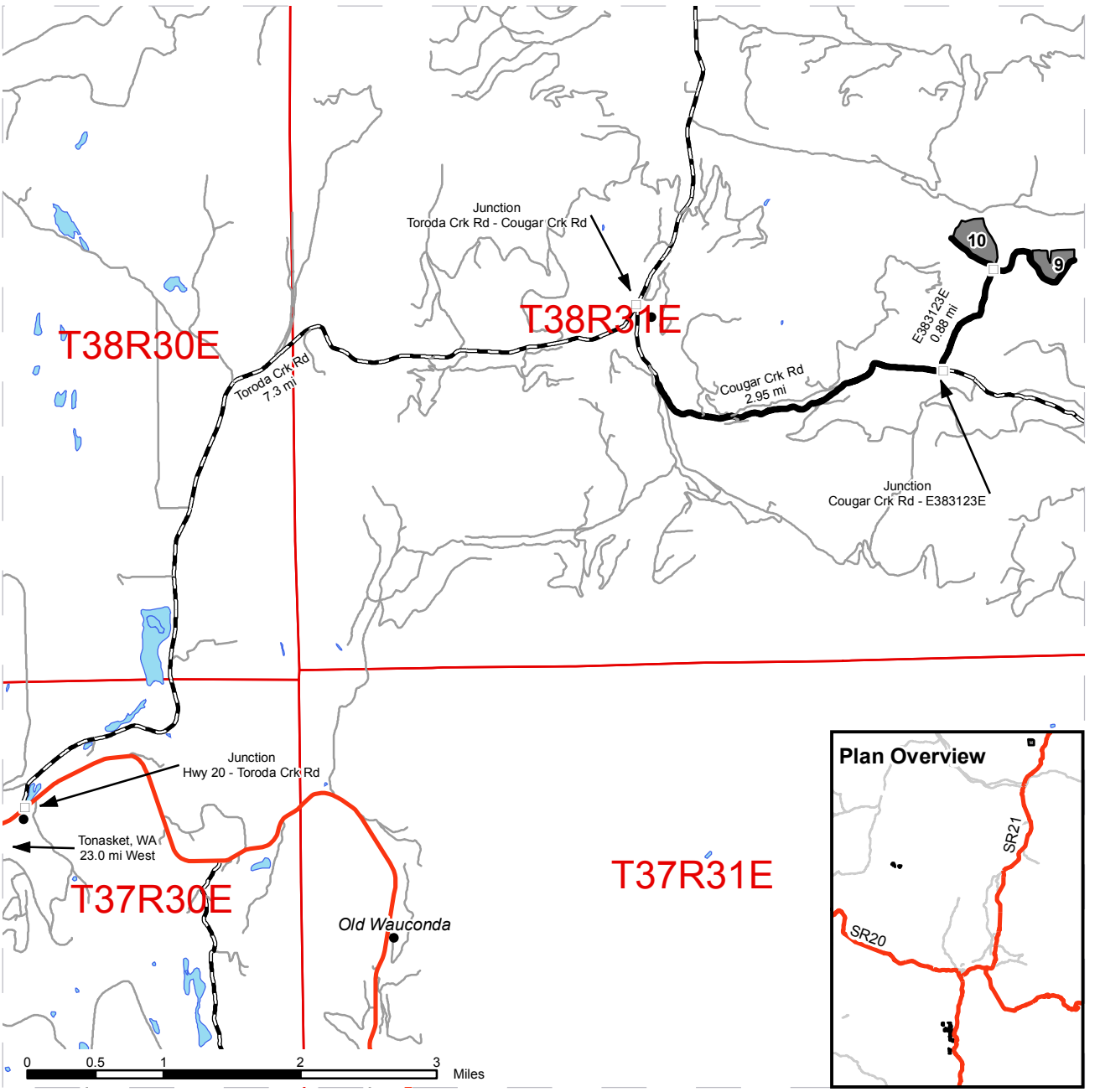
N

Prepared By: cdic490 Creation Date: 6/10/2014 Modification Date: 9/22/2014

DRIVING MAP

SALE NAME: GOLDEN HALO FH FIT
AGREEMENT#: 30-091721
TOWNSHIP(S): T36R32E, T40R33E, T38R31E, T35R32E
TRUST(S): Common School and Indemnity(3)

REGION: Northeast Region
COUNTY(S): FERRY, OKANOGAN
ELEVATION RGE: 2281-4614



Timber Sale Unit
Highways
County
Haul Route
Other Route
Milepost Marker
Gate

DRIVING DIRECTIONS:

To access Units 2, 3, 4, 5, and 6 travel south from Republic on Hwy 21 for 5 miles and turn right onto E363236E road, continue northwest 0.24 miles. To access units 1 & 7; travel south another mile on Hwy 21. Turn right onto Scatter Creek Rd and continue west then south 5 miles to Ten Mile Rd (NF-5320100). Turn left onto Ten Mile Rd and drive east 1.61 miles to the junction of Ten Mile Rd and Sunset Rd (NF-5320100). Turn left onto Sunset Rd and drive 3.48 miles. Turn left onto E353212A and travel north 0.41 miles to units 1 & 7.
To access Unit 8; travel north from Curlew on Hwy 21 for 3.9 miles. At the junction of Hwy 21 and Little Goosmus Crk Rd turn left. Drive 0.76 miles to junction of Little Goosmus Crk Rd and E403325A. Turn left continue east 0.31 miles to unit.
Unit 9 &10 access travel 23 miles east from Tonasket on Hwy 20. Turn left at Toroda Crk Rd, drive 7.3 mi. At Cougar Crk Rd turn right and drive 2.95 miles. Turn left onto E383123E and drive 0.88 miles to units.

N

Prepared By: cdic490 Creation Date: 6/10/2014 Modification Date: 9/22/2014

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

LOG SALE AND PURCHASE CONTRACT

AGREEMENT NO. 30-092136

SALE NAME: GOLDEN HALO FH FIT SORT #06

THE STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES, HEREINAFTER ACTING SOLELY, IN ITS PROPRIETARY CAPACITY, STATE, AND PURCHASER, AGREE AS FOLLOWS:

Section G: General Terms

G-001.2 Definitions

The following definitions apply throughout this contract;

Contract Administrator: Region Manager's designee responsible for assuring that the contractual obligations of the Purchaser and Contractor are met.

Contractor: State-selected harvester responsible to perform all duties as required by the Harvesting Services Contract, including but not limited to timber harvesting, road construction, debris removal and piling, hauling and delivery of forest products for weighing and/or scaling, to the Purchasers of the timber sales Sorts.

Delivery: Occurs when logs or forest products meeting the sorting specifications arrive at the Purchasers destination, as described in the contract.

Forest Product: Any material derived from the forest for commercial use.

Harvesting: A general term, referring to the Contractor's various obligations under the Harvesting Services Contract.

Harvesting Services Contract: Contract between the Contractor and the State, which sets forth the procedures and obligations of the Contractor for completing the harvesting of timber, and the delivery of various log sorts to the State's purchasers, and the payment obligations of the State, The Harvesting Services Contract will include a Road Plan for any road construction or reconstruction, where applicable.

Log Sale and Purchase Contract: Purchase Agreement between the State and Purchaser(s) of particular log sorts from the timber sale.

Purchaser: The company or individual that has entered a Log Sale Contract with the State for individual log sorts from the timber sale area. The Contractor must deliver the designated log sorts to this company or individual. Contractor will likely be delivering different log sorts to different purchasers under the Harvesting Services Contract.

State: The Washington State Department of Natural Resources, landowner and seller of forest products from the timber sale area. The State is represented by the Region Manager as designated on the contract signature page. Contractual obligations to the State are enforced by the Region Manager or the designated Contract Administrator.

G-010.2 Products Sold and Sale Area

Purchaser was the successful bidder on November 17, 2015 and sale was confirmed on _____. The State, as owner, agrees to sell and deliver to the Purchaser logs meeting the log sort specifications as described in the G-022.2 clause. Logs will be delivered from the GOLDEN HALO FH FIT Timber Sale described as parts of Sections 1, and 12 all in Township 35 North, Range 32 East, Sections 26, 35, and 36 all in Township 36 North, Range 32 East, Sections 13, 14, 23, and 24 all in Township 38 North, Range 31 East, Section 25 in Township 40 North, Range 33 East W.M., in Ferry, and Okanogan County.

G-022.2 Sorting Specifications

Purchaser shall accept and pay for delivery of log sorts by a state selected contractor to the designated Purchaser location that meets the following specifications:

Agreement No.	Sort #	Description	Destination
92136	6	DF/WL Sawlogs/peelers 11" + dib	

Unless otherwise specified, no blue stain is allowed in Ponderosa pine.

G-024.2 Manufacturing Standards

All forest products except poles, produced and sold under this contract will be manufactured to maximize the amount of logs meeting preferred log lengths and to achieve the average log length listed.

Agreement No.	Sort #	Scaling Rule
92136	06	ES

Average Log Length	Preferred Log Lengths
16	

"WS" indicates that west side scaling rules apply. Minimum trim is 8 inches per scaling segment for west side scaling rules. "ES" indicates that east side scaling rules apply. Minimum trim is 4 inches per scaling segment for east side scaling rules.

Poles produced under this contract will be manufactured to ANSI specifications (American National Standard Specifications and Dimensions for Wood Poles), in force at the time of signing this contract.

a. Sweep will be limited to within the bole of the log as measured using a tape stretched between the centers of each end of the log.
b. Logs approved by the state for peelers shall be chuckable with no more than a 2 inch diameter area of rot within a 5 inch diameter circle located at the center of either end of the log.
c. Limbs and knots shall be cut flush, with no more than 15 percent of a log having limbs or knots over 2 inches in diameter extending more than 2 inches above the surface of the log.
d.

G-026.2 Log Delivery Destination

Purchaser shall accept logs delivered to the destination as described in the G-022.2 clause. Purchaser may make a written request to the State for a change in log delivery destination or scaling or weighing location. If agreeable and in the best interest of the State, the State may approve the Purchaser’s request. Written approval must be granted by the State prior to log delivery to a new destination or use of a new scaling or weighing facility.

Increased haul distance shall result in an increase in the P-028.2 log delivery payment rate in an amount to be calculated by the State. In no circumstance shall the payment rate for delivered logs be reduced as a result of a state approved delivery destination or scaling or weighing facility change.

Purchaser may refuse loads delivered to the wrong destination.

G-027.2 Log Delivery Schedule and Conditions

a. Delivery hours - Purchaser agrees to accept logs from the Contractor at the Purchaser's delivery location during Purchaser’s working hours or at least between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except legal holidays unless otherwise agreed upon by the State.

b. Improperly loaded trucks - It is understood and agreed that the Purchaser incurs no obligation to accept improperly or illegally loaded trucks in its facility. Any truck so loaded may be directed to vacate the yard and shall remain the responsibility of the harvesting contractor. The Purchaser shall notify the State within 24 hours of any load (s) rejected and specify the reasons why.

c. Log Delivery Interruptions - Purchaser may schedule times in which delivery of logs will not be accepted. The Purchaser shall notify the Contract Administrator at least five (5) working days before the scheduled interruption or closure occurs. The duration of the log delivery interruption shall not exceed seven (7) consecutive working days or a total of ten (10) working days over the duration of the contract term. If Purchaser's scheduled delivery interruption exceeds contract requirements and causes the State harm, Purchaser will be in breach of contract and subject to liquidated damages as per the D-026.2 and D-027.2 clauses, unless Purchaser and the State have made a prior agreement in writing to mitigate potential harm to the State.

d. Required Acceptance of Daily Load Deliveries and Notification - If the State is harmed by purchaser's refusal to accept up to DATA MISSING truck deliveries of any one sort per day, Purchaser will be in breach of contract and subject to damages as per the D-026.2 and D-027.2 clauses. A truck delivery is all the wood delivered including sorts on super trucks, mule trains and pups brought to the delivery point by a single truck. The Purchaser shall notify the Contract Administrator at least 48 hours in advance if:

   1. Purchaser intends to limit the number of truck deliveries accepted on any day to less than that listed above, or

   2. Purchaser intends to limit the number of truck deliveries accepted on any day to the number listed above.

e. State Notification to Purchaser - The State will notify the Purchaser when it anticipates or schedules an interruption of deliveries and when it anticipates the number of truck deliveries on any day will exceed the number listed above.

f. If payments are not received or, the State determines that the payment security has become unsatisfactory or, a demand is made against the payment security under the P-045.2 clause the State shall suspend deliveries until such time as the violation has been remedied. Any suspension of deliveries due to late payment or inadequate payment security will be considered a Log Delivery Interruption under (c) of this clause.

G-030.2 Contract Term and Expiration Date

Purchaser agrees to accept and pay for forest products delivered through the period ending June 30, 2016.

G-054.2 Early Contract Termination

The State may terminate this contract in whole or in part by giving fifteen (15) days written notice to the Purchaser when it is in the best interests of the State. If this contract is so terminated, the State shall be liable only for the return of that portion of the initial deposit that is not required for payment, and the return of unapplied payments. The State shall not be liable for damages, whether direct or consequential.

G-056.2 Force Majeure

No Party shall be liable for any failure to perform its obligations, other than payments due, where such failure is as a result of Acts of Nature (including fire, flood, earthquake, storm, or other natural disaster), war, act of foreign enemies, hostilities (whether war is declared or not), terrorist activities, government sanction, fire, labor dispute, strike or lockout.

Any Party asserting Force Majeure as an excuse shall have the burden of proving that reasonable steps were taken (under the circumstances) to minimize delay or damages caused by foreseeable events, that all non-excused obligations were substantially fulfilled, and that the other Party was timely notified of the likelihood or actual occurrence which would justify such an assertion, so that other prudent precautions could be contemplated.

In the event of Force Majeure, the State reserves the right to terminate this agreement in accordance with clause G-054.2 ‘Early Contract Termination’.

G-060.2 Exclusion of Warranties

The PARTIES AGREE that the IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE and ALL OTHER WARRANTIES EXPRESSED OR IMPLIED ARE EXCLUDED from this transaction and shall not apply to the goods to be harvested or sold. For example, THE FOLLOWING SPECIFIC MATTERS ARE NOT WARRANTED, and are EXCLUDED from this transaction:

a. The MERCHANTABILITY of the forest products. The use of the term "merchantable" in any document is not intended to vary the foregoing.

b. The CONDITION of the forest products. The forest products will be conveyed "AS IS."

c. THE VOLUME, WEIGHT, QUANITY, OR QUALITY, of the forest products to be harvested. The descriptions of the forest products to be conveyed, are estimates only, made solely for administrative and identification purposes. The timing of forest product deliveries.

d. Items contained in any other documents prepared for or by the State.

G-065 Regulatory Disclaimer

The State disclaims any responsibility for, or liability relating to, regulatory actions by any government agency, including actions pursuant to the Forest Practices Act, Ch. 76.09 RCW that may affect the operability of the timber sale.

G-070.2 Limitation on Damage

In the event of a breach of any provision of this contract by the State, the liability of the State shall be limited to return of the unused initial deposit and unapplied payments to the Purchaser. The State shall not be liable for any damages, whether direct, incidental, or consequential.

G-112.2 Title

The State hereby warrants that State is the owner of said logs and has the right to sell same, free of liens, encumbrances, or claims, but subject to trade restrictions promulgated in WAC 240-15-015. Purchaser assumes title and all risk and responsibility for said logs upon delivery.

G-116.2 Sustainable Forestry Initiative® (SFI) Certification

Forest products purchased under this contract are certified as being in conformance with the Sustainable Forestry Initiative program Standard under certificate number: BV-SFIS-US09000572.

G-160.2 Agents

The State's rights and duties will be exercised by the Region Manager at Colville, Washington. The Region Manager will notify Purchaser in writing who is responsible for administering the contract. The Region Manager has sole authority to waive, modify, or amend the terms of this contract in the manner prescribed in clause G-180. No agent, employee, or representative of the State has any authority to bind the State to any affirmation, representation, or warranty concerning the logs conveyed beyond the terms of this contract.

The Purchaser agrees to notify the State in writing of their authorized representative at the log delivery destination who will be readily available and who shall be authorized to receive, on behalf of the Purchaser any instructions or notices given by the State in regard to performance under this contract, and any limits to this person's authority.

G-180 Modifications

Waivers, modifications, or amendments of the terms of this contract must be in writing signed by Purchaser and the State.

G-190 Contract Complete

This contract is the final expression of the Parties' agreement. There are no understandings, agreements, or representations, expressed or implied, which are not specified in this contract.

G-200.2 Notice

Notices required to be given under the following clauses shall be in writing and shall be delivered to the State or Purchaser's authorized agent or sent by certified mail to the Purchaser's post office address, so that their receipt may be acknowledged.

G-026.2 Log Delivery Destination
G-027.2 Log Delivery and Schedule Conditions
G-210.2 Violation of Contract

All other notices required to be given under this contract shall be in writing and delivered to their respective authorized agent or mailed to the Party's post office address. Parties agree to notify the other of any change of mailing address.

G-210.2 Violation of Contract

a. If Purchaser violates any provision of this contract, the Contract Administrator, by written notice, may suspend delivery of further loads of forest products. If the violation is capable of being remedied, the Purchaser has five (5) days after receipt of suspension notice to remedy the violation. If the violation cannot be remedied (such as violation of WAC 240-15-015) or Purchaser fails to remedy the violation within five (5) days after receipt of a suspension notice, the State may terminate the rights of the Purchaser under this contract and collect damages as described in the damages clause in this contract.

b. The State has the right to remedy the breach in the absence of any indicated attempt by the Purchaser or if Purchaser is unable, as determined by the State, to remedy the breach. Any expense incurred by the State shall be charged to Purchaser and shall be paid within thirty (30) days of receipt of billing.

c. If Purchaser's violation is a result of a failure to make payment to the State when due, in addition to (a.) above, interest shall accrue on the unpaid balance at 12 percent per annum, beginning the date payment was due. The State may secure payments from the security provided.

G-240.2 Dispute Resolution

The following procedures apply in the event of a dispute regarding interpretation or administration of this contract and the parties agree that these procedures must be followed before a lawsuit can be initiated.

a. In the event of a dispute, Purchaser must make a written request to the Region Manager for resolution prior to seeking other relief.

b. The Region Manager will issue a written decision on Purchaser's request within five business days.

c. Within five business days of receipt of the Region Manager's decision, the Purchaser may make a written request for resolution to the Deputy Supervisor - Uplands of the Department of Natural Resources.

d. Unless otherwise agreed, the Deputy Supervisor - Uplands will hold a conference within 15 calendar days of the receipt of Purchaser's request for review of the Region Manager's written decision. Purchaser and the Region Manager will have an opportunity to present their positions. The Deputy Supervisor - Uplands will issue a decision within a reasonable time of being presented with both Parties' positions.

G-252.2 Forest Excise Tax

Purchaser shall be responsible for payment of all forest excise taxes pursuant to chapter 84.33 RCW.

G-253.2 Harvesting Cost Information

The State agrees to supply all harvesting cost information to the Purchaser for their consideration in payment of forest excise taxes.

G-260 Venue

This contract shall be governed by the laws of the State of Washington. In the event of a lawsuit involving this contract, venue shall be proper only in Thurston County Superior Court.

G-330.2 Contract Review

Purchaser may arrange with the Contract Administrator to review the provisions of this contract prior to the delivery of forest products.

Section P: Payments and Securities

P-010 Initial Deposit

Purchaser paid DATA MISSING initial deposit, which will be maintained pursuant to RCW 79.15.100(3). If the operating authority on this contract expires without Purchaser's payment of the full amount specified in the 'Payment for Forest Products' clause, the initial deposit will be immediately forfeited to the State, and will be offset against Purchaser's remaining balance due. Any excess initial deposit funds not needed to ensure full payment of the contract price, or not needed to complete any remaining obligations of the Purchaser existing after contract expiration, will be refunded to the Purchaser.

P-036.2 Missorts and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet the sorting specifications in G-022.2 where species are incorrect, are scaled over 1" outside the listed diameter specifications, or ponderosa pine with blue stain are considered mis-sorts.

However, when mis-sorted Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-sort threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-sort payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-sort price reduction are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-sorted will be calculated as follows:

Payment Reduction = (B x M) x R
Where:
B = Bid rate from P-028.2 clause
M = Mis-sorted volume exceeding threshold excluding utility
R = Reduction factor
0.3 for mis-sort except for blue stain
0.4 for mis-sort related to blue stain

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-sort payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-sorts shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code

P-037.2 Mismanufacture and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet preferred log length specifications or multiples or combinations of preferred lengths and Forest Products delivered not meeting minimum log quality specifications as described in the G-024.2 clause are considered mis-manufactured. Purchaser receiving mis-manufactured Forest Products is required to pay the State at the bid price under this contract.

However, when mis-manufactured Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-manufacture threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-manufacture payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-manufacture price reductions are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-manufactured will be calculated as follows:

Payment Reduction = (B x M) x (0.2)
Where:
B = Bid rate from P-028.2 clause
M = Mis-manufactured volume exceeding threshold excluding utility

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-manufacture payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-manufacture shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code.

P-039.2 Tonnage Sort Payment Reduction Requirements

Purchaser must provide a plan in writing, acceptable to the State, to acquire third party Scribner mbf scaling information in order to be eligible for a payment reduction for a tonnage sort according to clauses P-036.2 or P-037.2. Logs delivered and accepted by the Purchaser prior to the State's acceptance of Purchaser's written payment reduction plan are not eligible for payment reduction.

Failure of Purchaser to provide sample scale data in a timely, accurate and legible basis will void an approved sample scale plan.

An approved payment reduction plan can be voided at the sole discretion of the State.

For the purpose of tonnage sort payment reduction requests, preferred log lengths for tonnage sawlog sorts shall include the following plus any additional lengths identified in clause G-024.2:

Species Type	Preferred Lengths
Conifer Sorts	16', 20', 24', 26', 32', 40'
Hardwood Sorts	18', 20', 26', 28', 30', 36', 38', 40'

P-040.2 Weighing and Scaling Costs

Purchaser agrees to pay for all weighing costs for logs delivered regardless if logs are purchased on a weight or scale basis. In addition, Purchaser agrees to pay for all scaling costs for logs delivered on a scale basis. Purchaser also agrees to pay for all costs associated with the transmission and reporting of scale or weight data.

P-045.2 Guarantee of Payment

Prior to the delivery of forest products and at a date determined by the State, Purchaser shall guarantee payment to the State for products delivered by posting with the State an approved payment security. If the Purchaser has purchased more than one sort, the payment securities may be consolidated for all the sorts. Acceptable payment security includes cash, certificate of deposit assignment, payment bond, savings account assignment, or irrevocable bank letter of credit.

The amount of payment security shall be determined by the State. The amount of payment security shall represent at least 30 days value of forest product deliveries. Payment security for products delivered will be used to guarantee payment to the State for late or non-payments.

If at any time the State determines that the security has become unsatisfactory or a demand is made against the payment security, the Purchaser agrees to increase the amount or replace the security with one acceptable to the state within 5 business days. Failure to increase the amount or replace the security is considered a breach of contract.

P-050.2 Billing and Payment Procedure for Forest Products Delivered

The State will compute and forward to Purchaser a billing statement of charges for forest products delivered during the billing period at the delivered rate shown in P-028.2 clause. After receipt of the billing statement, Purchaser's payment must be received by the Department of Natural Resources on or before the due date shown on the billing statement. Purchaser agrees to make payment, payable to the Department of Natural Resources. Failure to pay on time for forest products delivered is considered a breach of contract.

Included with the billing statement will be a summary report for the billing period compiled by the State or their log and load reporting service.

The State will adjust final billings to account for any State approved payment reductions.

P-080 Payment Account Refund

Advance payments made under P-045 or P-045.2 remaining on account above the value for the charges shall be returned to Purchaser within 30 days following the final report of charges. Refunds not made within the 30 day period will accrue interest at the interest rate, as established by WAC 332-100-030, computed on a daily basis until paid.

Section L: Log Definitions and Accountability

L-010.2 Forest Products Conveyed

Forest products conveyed are logs or parts of logs delivered meeting the sorting criteria defined by clauses G-022.2 and G-024.2 of this contract

L-014.2 Sorts Delivered to Incorrect Destination

Purchaser has agreed to purchase the sort as described in the G-022.2 clause. In the event a load from a different sort is delivered to Purchaser, Purchaser may reject the load. If Purchaser receives an incorrectly delivered load, they shall notify the State within 24 hours. If the Purchaser accepts the load, provisions in the P-035.2 or P-036.2 clause may apply.

L-071.2 Log and Load Reporting Service

This contract may at the States discretion, require the services of a State approved third party log and load reporting service. Purchaser shall ensure log volume measurement, weight, or scale and weight data for each load is received by the log and load reporting service within 24 hours of logs being measured or weighed.

If during the term of this contract, the State discontinues use of the Log and Load Reporting Service, the State will notify the Purchaser in writing, and will approve an alternative log and load reporting process.

L-090 Scaling Rules

Determination of volume of any forest products shall be conducted by a state approved third party scaling organization and in accordance with the Eastside log scaling and grading rules, Region 6 taper rules, and Scribner Volume Table, revised July 1, 1972, contained in the Northwest Log Rules Eastside and Westside Log Scaling Handbook (developed and produced by the Northwest Log Rules Advisory Group) and in effect on the date of confirmation of this contract.

Special scaling specifications shall be noted on the State's Brand Designation form which is hereby incorporated to this contract by reference.

L-110 State Approval of Log Scaling and Weighing Locations

Forest Product measurement and weighing facilities required by this contract must be approved by the State. Forest products sold under the contract which require log scaling shall be scaled, measured, or counted by a State approved third party log scaling organization. Forest products sold under the contract which require weighing shall be weighed at a location that meets Washington State Department of Agriculture approval.

Prior to forest products being hauled, the Contract Administrator must authorize in writing the use of State approved measurement and/or weighing facilities that are at or en-route to final destinations. Forest products from this sale shall be measured or weighed at facilities, which are currently approved for use by the State and are currently authorized for this sale. The State reserves the right to verify load volume and weights with State employees or contractors at the State's own expense. The State reserves the right to revoke the authorization of previously approved measurement locations.

Section D: Damages

D-010.1 Liquidated Damages

The clauses in the DAMAGES section of this contract provide for the State's payments to the Contractor to be reduced for certain breaches of the terms of this contract. These offsets are agreed to as liquidated damages for the Contractor's breach, and are not penalties. They are reasonable estimates of anticipated harm to the State caused by the Contractor's breach. The State and Contractor agree to these liquidated damages provisions with the understanding of the difficulty of proving loss and the inconvenience or infeasibility of obtaining an adequate remedy. These liquidated damages provisions provide greater certainty for the Contractor by allowing the Contractor to better assess its responsibilities under the contract.

D-026.2 Damages for Delivery Interruptions and Load Non-Acceptance

a. Purchaser's failure to accept delivery of forest products due to an extended delivery interruption exceeding the limits as described in the G-027.2 (c) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $1,000.00 per each day of breach, until breach is remedied.

b. Unless Purchaser and the State have made a prior agreement in writing, Purchaser's failure to accept at least the number of delivered loads as described in the G-027.2 (d) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $200 per each truck delivery not accepted, until breach is remedied.

D-027.2 Failure to Accept Forest Products Sold

Purchaser's failure to accept all or part of the forest products sold in this agreement prior to expiration or completion of the contract results in substantial injury to the State. Except for reasons other than 'Force Majeure' (G-056.2), either section a. or b. below will apply as determined by the State.

a. When Purchaser's refusal to accept forest products does not prevent further harvesting operations, or forest products can be re-sold to another buyer acceptable to the State, Purchaser shall be liable for and pay State for actual damages plus costs, as determined by the State associated with the administration and re-sale of forest products not accepted by Purchaser under the terms of this contract.

b. When Purchaser's refusal to accept forest products causes a stoppage of the State's harvesting operations and prevents the State from further harvest of the sale area, the actual damage to the State and associated costs are difficult to assess. The remaining value of all the forest products left in the sale area once the stoppage occurs is not readily ascertainable. Purchaser's failure to perform disrupts the State's management plans. Therefore, Purchaser agrees to pay the State as liquidated damages, a sum calculated using the following formula:

LD = (.35V-I) + C+ A - P

Where:

LD = Liquidated Damages

V = The stumpage value remaining in the sale area at the date of work stoppage. This will be determined by multiplying the contract bid rate contained in the P-028.2 clause for all sorts originating in the sale area, by the State's estimate of the remaining volume, less the cost of harvesting and delivery associated with each sort.

I = Initial Deposit

C = Costs associated with required harvesting services and road construction services prior to work stoppage but not amortized or paid.

A = Administrative fee = $2,500.00

P = Advance payments received exceeding the value of logs delivered under this contract.

The above formula reflects the Purchaser's forfeiture of the initial deposit in accordance with clause P-010 by deducting the initial deposit from the amount owed. In no event shall the liquidated damages be less than zero. Interest on the liquidated damage is owed from the date of the work stoppage until final payment, calculated using the following formula:

Interest = r x LD x N

Where:

r = daily equivalent of an annual interest at current interest rate as established by WAC 332-100-030.

N = Number of days from work stoppage to time of payment

D-030.2 Inadequate Log Accountability

Failure to provide weighing and third party scaling information result in substantial injury to the State. The potential loss of accountability is not readily ascertainable. These contractual breaches result in an increase in the potential for the delivery of forest products for which the State receives inadequate payment and causes an increase in the State's administration costs associated with this contract. The actual costs of these breaches are difficult to assess.

For these reasons, Purchaser's payments for forest product delivery under this contract will be increased in the following amounts, as liquidated damages, to compensate the State for these breaches: $250.00 each time a load weight is not provided as required by the contract, and $250.00 each time load scale data is not determined and provided by a State approved third party scaling organization in accordance with this contract.

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

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

_____	_____
Purchaser	Loren D. Torgerson Northeast Region Manager
Date: _____	Date: _____
Address:	

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
)
COUNTY OF _____)

On this _____ day of _____, 20___, before me personally appeared _____
_____ to me known to be the _____ of the corporation that executed the within and foregoing instrument and acknowledged said instrument to be the free and voluntary act and deed of the corporation, for the uses and purposes therein mentioned, and on oath stated that (he/she was) (they were) authorized to execute said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

_____
Notary Public in and for the State of

_____

My appointment expires _____

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

LOG SALE AND PURCHASE CONTRACT

AGREEMENT NO. 30-092137

SALE NAME: GOLDEN HALO FH FIT SORT #07

THE STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES, HEREINAFTER ACTING SOLELY, IN ITS PROPRIETARY CAPACITY, STATE, AND PURCHASER, AGREE AS FOLLOWS:

Section G: General Terms

G-001.2 Definitions

The following definitions apply throughout this contract;

Contract Administrator: Region Manager's designee responsible for assuring that the contractual obligations of the Purchaser and Contractor are met.

Contractor: State-selected harvester responsible to perform all duties as required by the Harvesting Services Contract, including but not limited to timber harvesting, road construction, debris removal and piling, hauling and delivery of forest products for weighing and/or scaling, to the Purchasers of the timber sales Sorts.

Delivery: Occurs when logs or forest products meeting the sorting specifications arrive at the Purchasers destination, as described in the contract.

Forest Product: Any material derived from the forest for commercial use.

Harvesting: A general term, referring to the Contractor's various obligations under the Harvesting Services Contract.

Harvesting Services Contract: Contract between the Contractor and the State, which sets forth the procedures and obligations of the Contractor for completing the harvesting of timber, and the delivery of various log sorts to the State's purchasers, and the payment obligations of the State, The Harvesting Services Contract will include a Road Plan for any road construction or reconstruction, where applicable.

Log Sale and Purchase Contract: Purchase Agreement between the State and Purchaser(s) of particular log sorts from the timber sale.

Purchaser: The company or individual that has entered a Log Sale Contract with the State for individual log sorts from the timber sale area. The Contractor must deliver the designated log sorts to this company or individual. Contractor will likely be delivering different log sorts to different purchasers under the Harvesting Services Contract.

State: The Washington State Department of Natural Resources, landowner and seller of forest products from the timber sale area. The State is represented by the Region Manager as designated on the contract signature page. Contractual obligations to the State are enforced by the Region Manager or the designated Contract Administrator.

G-010.2 Products Sold and Sale Area

Purchaser was the successful bidder on November 17, 2015 and sale was confirmed on _____. The State, as owner, agrees to sell and deliver to the Purchaser logs meeting the log sort specifications as described in the G-022.2 clause. Logs will be delivered from the GOLDEN HALO FH FIT Timber Sale described as parts of Sections 1, and 12 all in Township 35 North, Range 32 East, Sections 26, 35, and 36 all in Township 36 North, Range 32 East, Sections 13, 14, 23, and 24 all in Township 38 North, Range 31 East, Section 25 in Township 40 North, Range 33 East W.M., in Ferry, and Okanogan County.

G-022.2 Sorting Specifications

Purchaser shall accept and pay for delivery of log sorts by a state selected contractor to the designated Purchaser location that meets the following specifications:

Agreement No.	Sort #	Description	Destination
92137	7	DF/WL Sawlogs/peelers 7-10" dib	

Unless otherwise specified, no blue stain is allowed in Ponderosa pine.

G-024.2 Manufacturing Standards

All forest products except poles, produced and sold under this contract will be manufactured to maximize the amount of logs meeting preferred log lengths and to achieve the average log length listed.

Agreement No.	Sort #	Scaling Rule
92137	07	ES

Average Log Length	Preferred Log Lengths
16	

"WS" indicates that west side scaling rules apply. Minimum trim is 8 inches per scaling segment for west side scaling rules. "ES" indicates that east side scaling rules apply. Minimum trim is 4 inches per scaling segment for east side scaling rules.

Poles produced under this contract will be manufactured to ANSI specifications (American National Standard Specifications and Dimensions for Wood Poles), in force at the time of signing this contract.

a. Sweep will be limited to within the bole of the log as measured using a tape stretched between the centers of each end of the log.
b. Logs approved by the state for peelers shall be chuckable with no more than a 2 inch diameter area of rot within a 5 inch diameter circle located at the center of either end of the log.
c. Limbs and knots shall be cut flush, with no more than 15 percent of a log having limbs or knots over 2 inches in diameter extending more than 2 inches above the surface of the log.
d.

G-026.2 Log Delivery Destination

Purchaser shall accept logs delivered to the destination as described in the G-022.2 clause. Purchaser may make a written request to the State for a change in log delivery destination or scaling or weighing location. If agreeable and in the best interest of the State, the State may approve the Purchaser’s request. Written approval must be granted by the State prior to log delivery to a new destination or use of a new scaling or weighing facility.

Increased haul distance shall result in an increase in the P-028.2 log delivery payment rate in an amount to be calculated by the State. In no circumstance shall the payment rate for delivered logs be reduced as a result of a state approved delivery destination or scaling or weighing facility change.

Purchaser may refuse loads delivered to the wrong destination.

G-027.2 Log Delivery Schedule and Conditions

a. Delivery hours - Purchaser agrees to accept logs from the Contractor at the Purchaser's delivery location during Purchaser’s working hours or at least between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except legal holidays unless otherwise agreed upon by the State.

b. Improperly loaded trucks - It is understood and agreed that the Purchaser incurs no obligation to accept improperly or illegally loaded trucks in its facility. Any truck so loaded may be directed to vacate the yard and shall remain the responsibility of the harvesting contractor. The Purchaser shall notify the State within 24 hours of any load (s) rejected and specify the reasons why.

c. Log Delivery Interruptions - Purchaser may schedule times in which delivery of logs will not be accepted. The Purchaser shall notify the Contract Administrator at least five (5) working days before the scheduled interruption or closure occurs. The duration of the log delivery interruption shall not exceed seven (7) consecutive working days or a total of ten (10) working days over the duration of the contract term. If Purchaser's scheduled delivery interruption exceeds contract requirements and causes the State harm, Purchaser will be in breach of contract and subject to liquidated damages as per the D-026.2 and D-027.2 clauses, unless Purchaser and the State have made a prior agreement in writing to mitigate potential harm to the State.

d. Required Acceptance of Daily Load Deliveries and Notification - If the State is harmed by purchaser's refusal to accept up to DATA MISSING truck deliveries of any one sort per day, Purchaser will be in breach of contract and subject to damages as per the D-026.2 and D-027.2 clauses. A truck delivery is all the wood delivered including sorts on super trucks, mule trains and pups brought to the delivery point by a single truck. The Purchaser shall notify the Contract Administrator at least 48 hours in advance if:

   1. Purchaser intends to limit the number of truck deliveries accepted on any day to less than that listed above, or

   2. Purchaser intends to limit the number of truck deliveries accepted on any day to the number listed above.

e. State Notification to Purchaser - The State will notify the Purchaser when it anticipates or schedules an interruption of deliveries and when it anticipates the number of truck deliveries on any day will exceed the number listed above.

f. If payments are not received or, the State determines that the payment security has become unsatisfactory or, a demand is made against the payment security under the P-045.2 clause the State shall suspend deliveries until such time as the violation has been remedied. Any suspension of deliveries due to late payment or inadequate payment security will be considered a Log Delivery Interruption under (c) of this clause.

G-030.2 Contract Term and Expiration Date

Purchaser agrees to accept and pay for forest products delivered through the period ending June 30, 2016.

G-054.2 Early Contract Termination

The State may terminate this contract in whole or in part by giving fifteen (15) days written notice to the Purchaser when it is in the best interests of the State. If this contract is so terminated, the State shall be liable only for the return of that portion of the initial deposit that is not required for payment, and the return of unapplied payments. The State shall not be liable for damages, whether direct or consequential.

G-056.2 Force Majeure

No Party shall be liable for any failure to perform its obligations, other than payments due, where such failure is as a result of Acts of Nature (including fire, flood, earthquake, storm, or other natural disaster), war, act of foreign enemies, hostilities (whether war is declared or not), terrorist activities, government sanction, fire, labor dispute, strike or lockout.

Any Party asserting Force Majeure as an excuse shall have the burden of proving that reasonable steps were taken (under the circumstances) to minimize delay or damages caused by foreseeable events, that all non-excused obligations were substantially fulfilled, and that the other Party was timely notified of the likelihood or actual occurrence which would justify such an assertion, so that other prudent precautions could be contemplated.

In the event of Force Majeure, the State reserves the right to terminate this agreement in accordance with clause G-054.2 ‘Early Contract Termination’.

G-060.2 Exclusion of Warranties

The PARTIES AGREE that the IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE and ALL OTHER WARRANTIES EXPRESSED OR IMPLIED ARE EXCLUDED from this transaction and shall not apply to the goods to be harvested or sold. For example, THE FOLLOWING SPECIFIC MATTERS ARE NOT WARRANTED, and are EXCLUDED from this transaction:

a. The MERCHANTABILITY of the forest products. The use of the term "merchantable" in any document is not intended to vary the foregoing.

b. The CONDITION of the forest products. The forest products will be conveyed "AS IS."

c. THE VOLUME, WEIGHT, QUANITY, OR QUALITY, of the forest products to be harvested. The descriptions of the forest products to be conveyed, are estimates only, made solely for administrative and identification purposes. The timing of forest product deliveries.

d. Items contained in any other documents prepared for or by the State.

G-065 Regulatory Disclaimer

The State disclaims any responsibility for, or liability relating to, regulatory actions by any government agency, including actions pursuant to the Forest Practices Act, Ch. 76.09 RCW that may affect the operability of the timber sale.

G-070.2 Limitation on Damage

In the event of a breach of any provision of this contract by the State, the liability of the State shall be limited to return of the unused initial deposit and unapplied payments to the Purchaser. The State shall not be liable for any damages, whether direct, incidental, or consequential.

G-112.2 Title

The State hereby warrants that State is the owner of said logs and has the right to sell same, free of liens, encumbrances, or claims, but subject to trade restrictions promulgated in WAC 240-15-015. Purchaser assumes title and all risk and responsibility for said logs upon delivery.

G-116.2 Sustainable Forestry Initiative® (SFI) Certification

Forest products purchased under this contract are certified as being in conformance with the Sustainable Forestry Initiative program Standard under certificate number: BV-SFIS-US09000572.

G-160.2 Agents

The State's rights and duties will be exercised by the Region Manager at Colville, Washington. The Region Manager will notify Purchaser in writing who is responsible for administering the contract. The Region Manager has sole authority to waive, modify, or amend the terms of this contract in the manner prescribed in clause G-180. No agent, employee, or representative of the State has any authority to bind the State to any affirmation, representation, or warranty concerning the logs conveyed beyond the terms of this contract.

The Purchaser agrees to notify the State in writing of their authorized representative at the log delivery destination who will be readily available and who shall be authorized to receive, on behalf of the Purchaser any instructions or notices given by the State in regard to performance under this contract, and any limits to this person's authority.

G-180 Modifications

Waivers, modifications, or amendments of the terms of this contract must be in writing signed by Purchaser and the State.

G-190 Contract Complete

This contract is the final expression of the Parties' agreement. There are no understandings, agreements, or representations, expressed or implied, which are not specified in this contract.

G-200.2 Notice

Notices required to be given under the following clauses shall be in writing and shall be delivered to the State or Purchaser's authorized agent or sent by certified mail to the Purchaser's post office address, so that their receipt may be acknowledged.

G-026.2 Log Delivery Destination
G-027.2 Log Delivery and Schedule Conditions
G-210.2 Violation of Contract

All other notices required to be given under this contract shall be in writing and delivered to their respective authorized agent or mailed to the Party's post office address. Parties agree to notify the other of any change of mailing address.

G-210.2 Violation of Contract

a. If Purchaser violates any provision of this contract, the Contract Administrator, by written notice, may suspend delivery of further loads of forest products. If the violation is capable of being remedied, the Purchaser has five (5) days after receipt of suspension notice to remedy the violation. If the violation cannot be remedied (such as violation of WAC 240-15-015) or Purchaser fails to remedy the violation within five (5) days after receipt of a suspension notice, the State may terminate the rights of the Purchaser under this contract and collect damages as described in the damages clause in this contract.

b. The State has the right to remedy the breach in the absence of any indicated attempt by the Purchaser or if Purchaser is unable, as determined by the State, to remedy the breach. Any expense incurred by the State shall be charged to Purchaser and shall be paid within thirty (30) days of receipt of billing.

c. If Purchaser's violation is a result of a failure to make payment to the State when due, in addition to (a.) above, interest shall accrue on the unpaid balance at 12 percent per annum, beginning the date payment was due. The State may secure payments from the security provided.

G-240.2 Dispute Resolution

The following procedures apply in the event of a dispute regarding interpretation or administration of this contract and the parties agree that these procedures must be followed before a lawsuit can be initiated.

a. In the event of a dispute, Purchaser must make a written request to the Region Manager for resolution prior to seeking other relief.

b. The Region Manager will issue a written decision on Purchaser's request within five business days.

c. Within five business days of receipt of the Region Manager's decision, the Purchaser may make a written request for resolution to the Deputy Supervisor - Uplands of the Department of Natural Resources.

d. Unless otherwise agreed, the Deputy Supervisor - Uplands will hold a conference within 15 calendar days of the receipt of Purchaser's request for review of the Region Manager's written decision. Purchaser and the Region Manager will have an opportunity to present their positions. The Deputy Supervisor - Uplands will issue a decision within a reasonable time of being presented with both Parties' positions.

G-252.2 Forest Excise Tax

Purchaser shall be responsible for payment of all forest excise taxes pursuant to chapter 84.33 RCW.

G-253.2 Harvesting Cost Information

The State agrees to supply all harvesting cost information to the Purchaser for their consideration in payment of forest excise taxes.

G-260 Venue

This contract shall be governed by the laws of the State of Washington. In the event of a lawsuit involving this contract, venue shall be proper only in Thurston County Superior Court.

G-330.2 Contract Review

Purchaser may arrange with the Contract Administrator to review the provisions of this contract prior to the delivery of forest products.

Section P: Payments and Securities

P-010 Initial Deposit

Purchaser paid DATA MISSING initial deposit, which will be maintained pursuant to RCW 79.15.100(3). If the operating authority on this contract expires without Purchaser's payment of the full amount specified in the 'Payment for Forest Products' clause, the initial deposit will be immediately forfeited to the State, and will be offset against Purchaser's remaining balance due. Any excess initial deposit funds not needed to ensure full payment of the contract price, or not needed to complete any remaining obligations of the Purchaser existing after contract expiration, will be refunded to the Purchaser.

P-036.2 Missorts and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet the sorting specifications in G-022.2 where species are incorrect, are scaled over 1" outside the listed diameter specifications, or ponderosa pine with blue stain are considered mis-sorts.

However, when mis-sorted Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-sort threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-sort payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-sort price reduction are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-sorted will be calculated as follows:

Payment Reduction = (B x M) x R
Where:
B = Bid rate from P-028.2 clause
M = Mis-sorted volume exceeding threshold excluding utility
R = Reduction factor
0.3 for mis-sort except for blue stain
0.4 for mis-sort related to blue stain

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-sort payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-sorts shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code

P-037.2 Mismanufacture and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet preferred log length specifications or multiples or combinations of preferred lengths and Forest Products delivered not meeting minimum log quality specifications as described in the G-024.2 clause are considered mis-manufactured. Purchaser receiving mis-manufactured Forest Products is required to pay the State at the bid price under this contract.

However, when mis-manufactured Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-manufacture threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-manufacture payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-manufacture price reductions are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-manufactured will be calculated as follows:

Payment Reduction = (B x M) x (0.2)
Where:
B = Bid rate from P-028.2 clause
M = Mis-manufactured volume exceeding threshold excluding utility

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-manufacture payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-manufacture shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code.

P-039.2 Tonnage Sort Payment Reduction Requirements

Purchaser must provide a plan in writing, acceptable to the State, to acquire third party Scribner mbf scaling information in order to be eligible for a payment reduction for a tonnage sort according to clauses P-036.2 or P-037.2. Logs delivered and accepted by the Purchaser prior to the State's acceptance of Purchaser's written payment reduction plan are not eligible for payment reduction.

Failure of Purchaser to provide sample scale data in a timely, accurate and legible basis will void an approved sample scale plan.

An approved payment reduction plan can be voided at the sole discretion of the State.

For the purpose of tonnage sort payment reduction requests, preferred log lengths for tonnage sawlog sorts shall include the following plus any additional lengths identified in clause G-024.2:

Species Type	Preferred Lengths
Conifer Sorts	16', 20', 24', 26', 32', 40'
Hardwood Sorts	18', 20', 26', 28', 30', 36', 38', 40'

P-040.2 Weighing and Scaling Costs

Purchaser agrees to pay for all weighing costs for logs delivered regardless if logs are purchased on a weight or scale basis. In addition, Purchaser agrees to pay for all scaling costs for logs delivered on a scale basis. Purchaser also agrees to pay for all costs associated with the transmission and reporting of scale or weight data.

P-045.2 Guarantee of Payment

Prior to the delivery of forest products and at a date determined by the State, Purchaser shall guarantee payment to the State for products delivered by posting with the State an approved payment security. If the Purchaser has purchased more than one sort, the payment securities may be consolidated for all the sorts. Acceptable payment security includes cash, certificate of deposit assignment, payment bond, savings account assignment, or irrevocable bank letter of credit.

The amount of payment security shall be determined by the State. The amount of payment security shall represent at least 30 days value of forest product deliveries. Payment security for products delivered will be used to guarantee payment to the State for late or non-payments.

If at any time the State determines that the security has become unsatisfactory or a demand is made against the payment security, the Purchaser agrees to increase the amount or replace the security with one acceptable to the state within 5 business days. Failure to increase the amount or replace the security is considered a breach of contract.

P-050.2 Billing and Payment Procedure for Forest Products Delivered

The State will compute and forward to Purchaser a billing statement of charges for forest products delivered during the billing period at the delivered rate shown in P-028.2 clause. After receipt of the billing statement, Purchaser's payment must be received by the Department of Natural Resources on or before the due date shown on the billing statement. Purchaser agrees to make payment, payable to the Department of Natural Resources. Failure to pay on time for forest products delivered is considered a breach of contract.

Included with the billing statement will be a summary report for the billing period compiled by the State or their log and load reporting service.

The State will adjust final billings to account for any State approved payment reductions.

P-080 Payment Account Refund

Advance payments made under P-045 or P-045.2 remaining on account above the value for the charges shall be returned to Purchaser within 30 days following the final report of charges. Refunds not made within the 30 day period will accrue interest at the interest rate, as established by WAC 332-100-030, computed on a daily basis until paid.

Section L: Log Definitions and Accountability

L-010.2 Forest Products Conveyed

Forest products conveyed are logs or parts of logs delivered meeting the sorting criteria defined by clauses G-022.2 and G-024.2 of this contract

L-014.2 Sorts Delivered to Incorrect Destination

Purchaser has agreed to purchase the sort as described in the G-022.2 clause. In the event a load from a different sort is delivered to Purchaser, Purchaser may reject the load. If Purchaser receives an incorrectly delivered load, they shall notify the State within 24 hours. If the Purchaser accepts the load, provisions in the P-035.2 or P-036.2 clause may apply.

L-071.2 Log and Load Reporting Service

This contract may at the States discretion, require the services of a State approved third party log and load reporting service. Purchaser shall ensure log volume measurement, weight, or scale and weight data for each load is received by the log and load reporting service within 24 hours of logs being measured or weighed.

If during the term of this contract, the State discontinues use of the Log and Load Reporting Service, the State will notify the Purchaser in writing, and will approve an alternative log and load reporting process.

L-090 Scaling Rules

Determination of volume of any forest products shall be conducted by a state approved third party scaling organization and in accordance with the Eastside log scaling and grading rules, Region 6 taper rules, and Scribner Volume Table, revised July 1, 1972, contained in the Northwest Log Rules Eastside and Westside Log Scaling Handbook (developed and produced by the Northwest Log Rules Advisory Group) and in effect on the date of confirmation of this contract.

Special scaling specifications shall be noted on the State's Brand Designation form which is hereby incorporated to this contract by reference.

L-110 State Approval of Log Scaling and Weighing Locations

Forest Product measurement and weighing facilities required by this contract must be approved by the State. Forest products sold under the contract which require log scaling shall be scaled, measured, or counted by a State approved third party log scaling organization. Forest products sold under the contract which require weighing shall be weighed at a location that meets Washington State Department of Agriculture approval.

Prior to forest products being hauled, the Contract Administrator must authorize in writing the use of State approved measurement and/or weighing facilities that are at or en-route to final destinations. Forest products from this sale shall be measured or weighed at facilities, which are currently approved for use by the State and are currently authorized for this sale. The State reserves the right to verify load volume and weights with State employees or contractors at the State's own expense. The State reserves the right to revoke the authorization of previously approved measurement locations.

Section D: Damages

D-010.1 Liquidated Damages

The clauses in the DAMAGES section of this contract provide for the State's payments to the Contractor to be reduced for certain breaches of the terms of this contract. These offsets are agreed to as liquidated damages for the Contractor's breach, and are not penalties. They are reasonable estimates of anticipated harm to the State caused by the Contractor's breach. The State and Contractor agree to these liquidated damages provisions with the understanding of the difficulty of proving loss and the inconvenience or infeasibility of obtaining an adequate remedy. These liquidated damages provisions provide greater certainty for the Contractor by allowing the Contractor to better assess its responsibilities under the contract.

D-026.2 Damages for Delivery Interruptions and Load Non-Acceptance

a. Purchaser's failure to accept delivery of forest products due to an extended delivery interruption exceeding the limits as described in the G-027.2 (c) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $1,000.00 per each day of breach, until breach is remedied.

b. Unless Purchaser and the State have made a prior agreement in writing, Purchaser's failure to accept at least the number of delivered loads as described in the G-027.2 (d) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $200 per each truck delivery not accepted, until breach is remedied.

D-027.2 Failure to Accept Forest Products Sold

Purchaser's failure to accept all or part of the forest products sold in this agreement prior to expiration or completion of the contract results in substantial injury to the State. Except for reasons other than 'Force Majeure' (G-056.2), either section a. or b. below will apply as determined by the State.

a. When Purchaser's refusal to accept forest products does not prevent further harvesting operations, or forest products can be re-sold to another buyer acceptable to the State, Purchaser shall be liable for and pay State for actual damages plus costs, as determined by the State associated with the administration and re-sale of forest products not accepted by Purchaser under the terms of this contract.

b. When Purchaser's refusal to accept forest products causes a stoppage of the State's harvesting operations and prevents the State from further harvest of the sale area, the actual damage to the State and associated costs are difficult to assess. The remaining value of all the forest products left in the sale area once the stoppage occurs is not readily ascertainable. Purchaser's failure to perform disrupts the State's management plans. Therefore, Purchaser agrees to pay the State as liquidated damages, a sum calculated using the following formula:

LD = (.35V-I) + C+ A - P

Where:

LD = Liquidated Damages

V = The stumpage value remaining in the sale area at the date of work stoppage. This will be determined by multiplying the contract bid rate contained in the P-028.2 clause for all sorts originating in the sale area, by the State's estimate of the remaining volume, less the cost of harvesting and delivery associated with each sort.

I = Initial Deposit

C = Costs associated with required harvesting services and road construction services prior to work stoppage but not amortized or paid.

A = Administrative fee = $2,500.00

P = Advance payments received exceeding the value of logs delivered under this contract.

The above formula reflects the Purchaser's forfeiture of the initial deposit in accordance with clause P-010 by deducting the initial deposit from the amount owed. In no event shall the liquidated damages be less than zero. Interest on the liquidated damage is owed from the date of the work stoppage until final payment, calculated using the following formula:

Interest = r x LD x N

Where:

r = daily equivalent of an annual interest at current interest rate as established by WAC 332-100-030.

N = Number of days from work stoppage to time of payment

D-030.2 Inadequate Log Accountability

Failure to provide weighing and third party scaling information result in substantial injury to the State. The potential loss of accountability is not readily ascertainable. These contractual breaches result in an increase in the potential for the delivery of forest products for which the State receives inadequate payment and causes an increase in the State's administration costs associated with this contract. The actual costs of these breaches are difficult to assess.

For these reasons, Purchaser's payments for forest product delivery under this contract will be increased in the following amounts, as liquidated damages, to compensate the State for these breaches: $250.00 each time a load weight is not provided as required by the contract, and $250.00 each time load scale data is not determined and provided by a State approved third party scaling organization in accordance with this contract.

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

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

_____	_____
Purchaser	Loren D. Torgerson Northeast Region Manager
Date: _____	Date: _____
Address:	

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
)
COUNTY OF _____)

On this _____ day of _____, 20___, before me personally appeared _____
_____ to me known to be the _____ of the corporation that executed the within and foregoing instrument and acknowledged said instrument to be the free and voluntary act and deed of the corporation, for the uses and purposes therein mentioned, and on oath stated that (he/she was) (they were) authorized to execute said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

_____
Notary Public in and for the State of

_____

My appointment expires _____

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

LOG SALE AND PURCHASE CONTRACT

AGREEMENT NO. 30-092138

SALE NAME: GOLDEN HALO FH FIT SORT #08

THE STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES, HEREINAFTER ACTING SOLELY, IN ITS PROPRIETARY CAPACITY, STATE, AND PURCHASER, AGREE AS FOLLOWS:

Section G: General Terms

G-001.2 Definitions

The following definitions apply throughout this contract;

Contract Administrator: Region Manager's designee responsible for assuring that the contractual obligations of the Purchaser and Contractor are met.

Contractor: State-selected harvester responsible to perform all duties as required by the Harvesting Services Contract, including but not limited to timber harvesting, road construction, debris removal and piling, hauling and delivery of forest products for weighing and/or scaling, to the Purchasers of the timber sales Sorts.

Delivery: Occurs when logs or forest products meeting the sorting specifications arrive at the Purchasers destination, as described in the contract.

Forest Product: Any material derived from the forest for commercial use.

Harvesting: A general term, referring to the Contractor's various obligations under the Harvesting Services Contract.

Harvesting Services Contract: Contract between the Contractor and the State, which sets forth the procedures and obligations of the Contractor for completing the harvesting of timber, and the delivery of various log sorts to the State's purchasers, and the payment obligations of the State, The Harvesting Services Contract will include a Road Plan for any road construction or reconstruction, where applicable.

Log Sale and Purchase Contract: Purchase Agreement between the State and Purchaser(s) of particular log sorts from the timber sale.

Purchaser: The company or individual that has entered a Log Sale Contract with the State for individual log sorts from the timber sale area. The Contractor must deliver the designated log sorts to this company or individual. Contractor will likely be delivering different log sorts to different purchasers under the Harvesting Services Contract.

State: The Washington State Department of Natural Resources, landowner and seller of forest products from the timber sale area. The State is represented by the Region Manager as designated on the contract signature page. Contractual obligations to the State are enforced by the Region Manager or the designated Contract Administrator.

G-010.2 Products Sold and Sale Area

Purchaser was the successful bidder on November 17, 2015 and sale was confirmed on _____. The State, as owner, agrees to sell and deliver to the Purchaser logs meeting the log sort specifications as described in the G-022.2 clause. Logs will be delivered from the GOLDEN HALO FH FIT Timber Sale described as parts of Sections 1, and 12 all in Township 35 North, Range 32 East, Sections 26, 35, and 36 all in Township 36 North, Range 32 East, Sections 13, 14, 23, and 24 all in Township 38 North, Range 31 East, Section 25 in Township 40 North, Range 33 East W.M., in Ferry, and Okanogan County.

G-022.2 Sorting Specifications

Purchaser shall accept and pay for delivery of log sorts by a state selected contractor to the designated Purchaser location that meets the following specifications:

Agreement No.	Sort #	Description	Destination
92138	8	Chip & Saw 5-6" dib All species except PP	

Unless otherwise specified, no blue stain is allowed in Ponderosa pine.

G-024.2 Manufacturing Standards

All forest products except poles, produced and sold under this contract will be manufactured to maximize the amount of logs meeting preferred log lengths and to achieve the average log length listed.

Agreement No.	Sort #	Scaling Rule
92138	08	ES

Average Log Length	Preferred Log Lengths
16	

"WS" indicates that west side scaling rules apply. Minimum trim is 8 inches per scaling segment for west side scaling rules. "ES" indicates that east side scaling rules apply. Minimum trim is 4 inches per scaling segment for east side scaling rules.

Poles produced under this contract will be manufactured to ANSI specifications (American National Standard Specifications and Dimensions for Wood Poles), in force at the time of signing this contract.

a. Sweep will be limited to within the bole of the log as measured using a tape stretched between the centers of each end of the log.
b. Logs approved by the state for peelers shall be chuckable with no more than a 2 inch diameter area of rot within a 5 inch diameter circle located at the center of either end of the log.
c. Limbs and knots shall be cut flush, with no more than 15 percent of a log having limbs or knots over 2 inches in diameter extending more than 2 inches above the surface of the log.
d.

G-026.2 Log Delivery Destination

Purchaser shall accept logs delivered to the destination as described in the G-022.2 clause. Purchaser may make a written request to the State for a change in log delivery destination or scaling or weighing location. If agreeable and in the best interest of the State, the State may approve the Purchaser’s request. Written approval must be granted by the State prior to log delivery to a new destination or use of a new scaling or weighing facility.

Increased haul distance shall result in an increase in the P-028.2 log delivery payment rate in an amount to be calculated by the State. In no circumstance shall the payment rate for delivered logs be reduced as a result of a state approved delivery destination or scaling or weighing facility change.

Purchaser may refuse loads delivered to the wrong destination.

G-027.2 Log Delivery Schedule and Conditions

a. Delivery hours - Purchaser agrees to accept logs from the Contractor at the Purchaser's delivery location during Purchaser’s working hours or at least between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except legal holidays unless otherwise agreed upon by the State.

b. Improperly loaded trucks - It is understood and agreed that the Purchaser incurs no obligation to accept improperly or illegally loaded trucks in its facility. Any truck so loaded may be directed to vacate the yard and shall remain the responsibility of the harvesting contractor. The Purchaser shall notify the State within 24 hours of any load (s) rejected and specify the reasons why.

c. Log Delivery Interruptions - Purchaser may schedule times in which delivery of logs will not be accepted. The Purchaser shall notify the Contract Administrator at least five (5) working days before the scheduled interruption or closure occurs. The duration of the log delivery interruption shall not exceed seven (7) consecutive working days or a total of ten (10) working days over the duration of the contract term. If Purchaser's scheduled delivery interruption exceeds contract requirements and causes the State harm, Purchaser will be in breach of contract and subject to liquidated damages as per the D-026.2 and D-027.2 clauses, unless Purchaser and the State have made a prior agreement in writing to mitigate potential harm to the State.

d. Required Acceptance of Daily Load Deliveries and Notification - If the State is harmed by purchaser's refusal to accept up to DATA MISSING truck deliveries of any one sort per day, Purchaser will be in breach of contract and subject to damages as per the D-026.2 and D-027.2 clauses. A truck delivery is all the wood delivered including sorts on super trucks, mule trains and pups brought to the delivery point by a single truck. The Purchaser shall notify the Contract Administrator at least 48 hours in advance if:

   1. Purchaser intends to limit the number of truck deliveries accepted on any day to less than that listed above, or

   2. Purchaser intends to limit the number of truck deliveries accepted on any day to the number listed above.

e. State Notification to Purchaser - The State will notify the Purchaser when it anticipates or schedules an interruption of deliveries and when it anticipates the number of truck deliveries on any day will exceed the number listed above.

f. If payments are not received or, the State determines that the payment security has become unsatisfactory or, a demand is made against the payment security under the P-045.2 clause the State shall suspend deliveries until such time as the violation has been remedied. Any suspension of deliveries due to late payment or inadequate payment security will be considered a Log Delivery Interruption under (c) of this clause.

G-030.2 Contract Term and Expiration Date

Purchaser agrees to accept and pay for forest products delivered through the period ending June 30, 2016.

G-054.2 Early Contract Termination

The State may terminate this contract in whole or in part by giving fifteen (15) days written notice to the Purchaser when it is in the best interests of the State. If this contract is so terminated, the State shall be liable only for the return of that portion of the initial deposit that is not required for payment, and the return of unapplied payments. The State shall not be liable for damages, whether direct or consequential.

G-056.2 Force Majeure

No Party shall be liable for any failure to perform its obligations, other than payments due, where such failure is as a result of Acts of Nature (including fire, flood, earthquake, storm, or other natural disaster), war, act of foreign enemies, hostilities (whether war is declared or not), terrorist activities, government sanction, fire, labor dispute, strike or lockout.

Any Party asserting Force Majeure as an excuse shall have the burden of proving that reasonable steps were taken (under the circumstances) to minimize delay or damages caused by foreseeable events, that all non-excused obligations were substantially fulfilled, and that the other Party was timely notified of the likelihood or actual occurrence which would justify such an assertion, so that other prudent precautions could be contemplated.

In the event of Force Majeure, the State reserves the right to terminate this agreement in accordance with clause G-054.2 ‘Early Contract Termination’.

G-060.2 Exclusion of Warranties

The PARTIES AGREE that the IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE and ALL OTHER WARRANTIES EXPRESSED OR IMPLIED ARE EXCLUDED from this transaction and shall not apply to the goods to be harvested or sold. For example, THE FOLLOWING SPECIFIC MATTERS ARE NOT WARRANTED, and are EXCLUDED from this transaction:

a. The MERCHANTABILITY of the forest products. The use of the term "merchantable" in any document is not intended to vary the foregoing.

b. The CONDITION of the forest products. The forest products will be conveyed "AS IS."

c. THE VOLUME, WEIGHT, QUANITY, OR QUALITY, of the forest products to be harvested. The descriptions of the forest products to be conveyed, are estimates only, made solely for administrative and identification purposes. The timing of forest product deliveries.

d. Items contained in any other documents prepared for or by the State.

G-065 Regulatory Disclaimer

The State disclaims any responsibility for, or liability relating to, regulatory actions by any government agency, including actions pursuant to the Forest Practices Act, Ch. 76.09 RCW that may affect the operability of the timber sale.

G-070.2 Limitation on Damage

In the event of a breach of any provision of this contract by the State, the liability of the State shall be limited to return of the unused initial deposit and unapplied payments to the Purchaser. The State shall not be liable for any damages, whether direct, incidental, or consequential.

G-112.2 Title

The State hereby warrants that State is the owner of said logs and has the right to sell same, free of liens, encumbrances, or claims, but subject to trade restrictions promulgated in WAC 240-15-015. Purchaser assumes title and all risk and responsibility for said logs upon delivery.

G-116.2 Sustainable Forestry Initiative® (SFI) Certification

Forest products purchased under this contract are certified as being in conformance with the Sustainable Forestry Initiative program Standard under certificate number: BV-SFIS-US09000572.

G-160.2 Agents

The State's rights and duties will be exercised by the Region Manager at Colville, Washington. The Region Manager will notify Purchaser in writing who is responsible for administering the contract. The Region Manager has sole authority to waive, modify, or amend the terms of this contract in the manner prescribed in clause G-180. No agent, employee, or representative of the State has any authority to bind the State to any affirmation, representation, or warranty concerning the logs conveyed beyond the terms of this contract.

The Purchaser agrees to notify the State in writing of their authorized representative at the log delivery destination who will be readily available and who shall be authorized to receive, on behalf of the Purchaser any instructions or notices given by the State in regard to performance under this contract, and any limits to this person's authority.

G-180 Modifications

Waivers, modifications, or amendments of the terms of this contract must be in writing signed by Purchaser and the State.

G-190 Contract Complete

This contract is the final expression of the Parties' agreement. There are no understandings, agreements, or representations, expressed or implied, which are not specified in this contract.

G-200.2 Notice

Notices required to be given under the following clauses shall be in writing and shall be delivered to the State or Purchaser's authorized agent or sent by certified mail to the Purchaser's post office address, so that their receipt may be acknowledged.

G-026.2 Log Delivery Destination
G-027.2 Log Delivery and Schedule Conditions
G-210.2 Violation of Contract

All other notices required to be given under this contract shall be in writing and delivered to their respective authorized agent or mailed to the Party's post office address. Parties agree to notify the other of any change of mailing address.

G-210.2 Violation of Contract

a. If Purchaser violates any provision of this contract, the Contract Administrator, by written notice, may suspend delivery of further loads of forest products. If the violation is capable of being remedied, the Purchaser has five (5) days after receipt of suspension notice to remedy the violation. If the violation cannot be remedied (such as violation of WAC 240-15-015) or Purchaser fails to remedy the violation within five (5) days after receipt of a suspension notice, the State may terminate the rights of the Purchaser under this contract and collect damages as described in the damages clause in this contract.

b. The State has the right to remedy the breach in the absence of any indicated attempt by the Purchaser or if Purchaser is unable, as determined by the State, to remedy the breach. Any expense incurred by the State shall be charged to Purchaser and shall be paid within thirty (30) days of receipt of billing.

c. If Purchaser's violation is a result of a failure to make payment to the State when due, in addition to (a.) above, interest shall accrue on the unpaid balance at 12 percent per annum, beginning the date payment was due. The State may secure payments from the security provided.

G-240.2 Dispute Resolution

The following procedures apply in the event of a dispute regarding interpretation or administration of this contract and the parties agree that these procedures must be followed before a lawsuit can be initiated.

a. In the event of a dispute, Purchaser must make a written request to the Region Manager for resolution prior to seeking other relief.

b. The Region Manager will issue a written decision on Purchaser's request within five business days.

c. Within five business days of receipt of the Region Manager's decision, the Purchaser may make a written request for resolution to the Deputy Supervisor - Uplands of the Department of Natural Resources.

d. Unless otherwise agreed, the Deputy Supervisor - Uplands will hold a conference within 15 calendar days of the receipt of Purchaser's request for review of the Region Manager's written decision. Purchaser and the Region Manager will have an opportunity to present their positions. The Deputy Supervisor - Uplands will issue a decision within a reasonable time of being presented with both Parties' positions.

G-252.2 Forest Excise Tax

Purchaser shall be responsible for payment of all forest excise taxes pursuant to chapter 84.33 RCW.

G-253.2 Harvesting Cost Information

The State agrees to supply all harvesting cost information to the Purchaser for their consideration in payment of forest excise taxes.

G-260 Venue

This contract shall be governed by the laws of the State of Washington. In the event of a lawsuit involving this contract, venue shall be proper only in Thurston County Superior Court.

G-330.2 Contract Review

Purchaser may arrange with the Contract Administrator to review the provisions of this contract prior to the delivery of forest products.

Section P: Payments and Securities

P-010 Initial Deposit

Purchaser paid DATA MISSING initial deposit, which will be maintained pursuant to RCW 79.15.100(3). If the operating authority on this contract expires without Purchaser's payment of the full amount specified in the 'Payment for Forest Products' clause, the initial deposit will be immediately forfeited to the State, and will be offset against Purchaser's remaining balance due. Any excess initial deposit funds not needed to ensure full payment of the contract price, or not needed to complete any remaining obligations of the Purchaser existing after contract expiration, will be refunded to the Purchaser.

P-036.2 Missorts and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet the sorting specifications in G-022.2 where species are incorrect, are scaled over 1" outside the listed diameter specifications, or ponderosa pine with blue stain are considered mis-sorts.

However, when mis-sorted Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-sort threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-sort payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-sort price reduction are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-sorted will be calculated as follows:

Payment Reduction = (B x M) x R
Where:
B = Bid rate from P-028.2 clause
M = Mis-sorted volume exceeding threshold excluding utility
R = Reduction factor
0.3 for mis-sort except for blue stain
0.4 for mis-sort related to blue stain

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-sort payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-sorts shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code

P-037.2 Mismanufacture and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet preferred log length specifications or multiples or combinations of preferred lengths and Forest Products delivered not meeting minimum log quality specifications as described in the G-024.2 clause are considered mis-manufactured. Purchaser receiving mis-manufactured Forest Products is required to pay the State at the bid price under this contract.

However, when mis-manufactured Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-manufacture threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-manufacture payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-manufacture price reductions are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-manufactured will be calculated as follows:

Payment Reduction = (B x M) x (0.2)
Where:
B = Bid rate from P-028.2 clause
M = Mis-manufactured volume exceeding threshold excluding utility

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-manufacture payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-manufacture shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code.

P-039.2 Tonnage Sort Payment Reduction Requirements

Purchaser must provide a plan in writing, acceptable to the State, to acquire third party Scribner mbf scaling information in order to be eligible for a payment reduction for a tonnage sort according to clauses P-036.2 or P-037.2. Logs delivered and accepted by the Purchaser prior to the State's acceptance of Purchaser's written payment reduction plan are not eligible for payment reduction.

Failure of Purchaser to provide sample scale data in a timely, accurate and legible basis will void an approved sample scale plan.

An approved payment reduction plan can be voided at the sole discretion of the State.

For the purpose of tonnage sort payment reduction requests, preferred log lengths for tonnage sawlog sorts shall include the following plus any additional lengths identified in clause G-024.2:

Species Type	Preferred Lengths
Conifer Sorts	16', 20', 24', 26', 32', 40'
Hardwood Sorts	18', 20', 26', 28', 30', 36', 38', 40'

P-040.2 Weighing and Scaling Costs

Purchaser agrees to pay for all weighing costs for logs delivered regardless if logs are purchased on a weight or scale basis. In addition, Purchaser agrees to pay for all scaling costs for logs delivered on a scale basis. Purchaser also agrees to pay for all costs associated with the transmission and reporting of scale or weight data.

P-045.2 Guarantee of Payment

Prior to the delivery of forest products and at a date determined by the State, Purchaser shall guarantee payment to the State for products delivered by posting with the State an approved payment security. If the Purchaser has purchased more than one sort, the payment securities may be consolidated for all the sorts. Acceptable payment security includes cash, certificate of deposit assignment, payment bond, savings account assignment, or irrevocable bank letter of credit.

The amount of payment security shall be determined by the State. The amount of payment security shall represent at least 30 days value of forest product deliveries. Payment security for products delivered will be used to guarantee payment to the State for late or non-payments.

If at any time the State determines that the security has become unsatisfactory or a demand is made against the payment security, the Purchaser agrees to increase the amount or replace the security with one acceptable to the state within 5 business days. Failure to increase the amount or replace the security is considered a breach of contract.

P-050.2 Billing and Payment Procedure for Forest Products Delivered

The State will compute and forward to Purchaser a billing statement of charges for forest products delivered during the billing period at the delivered rate shown in P-028.2 clause. After receipt of the billing statement, Purchaser's payment must be received by the Department of Natural Resources on or before the due date shown on the billing statement. Purchaser agrees to make payment, payable to the Department of Natural Resources. Failure to pay on time for forest products delivered is considered a breach of contract.

Included with the billing statement will be a summary report for the billing period compiled by the State or their log and load reporting service.

The State will adjust final billings to account for any State approved payment reductions.

P-080 Payment Account Refund

Advance payments made under P-045 or P-045.2 remaining on account above the value for the charges shall be returned to Purchaser within 30 days following the final report of charges. Refunds not made within the 30 day period will accrue interest at the interest rate, as established by WAC 332-100-030, computed on a daily basis until paid.

Section L: Log Definitions and Accountability

L-010.2 Forest Products Conveyed

Forest products conveyed are logs or parts of logs delivered meeting the sorting criteria defined by clauses G-022.2 and G-024.2 of this contract

L-014.2 Sorts Delivered to Incorrect Destination

Purchaser has agreed to purchase the sort as described in the G-022.2 clause. In the event a load from a different sort is delivered to Purchaser, Purchaser may reject the load. If Purchaser receives an incorrectly delivered load, they shall notify the State within 24 hours. If the Purchaser accepts the load, provisions in the P-035.2 or P-036.2 clause may apply.

L-071.2 Log and Load Reporting Service

This contract may at the States discretion, require the services of a State approved third party log and load reporting service. Purchaser shall ensure log volume measurement, weight, or scale and weight data for each load is received by the log and load reporting service within 24 hours of logs being measured or weighed.

If during the term of this contract, the State discontinues use of the Log and Load Reporting Service, the State will notify the Purchaser in writing, and will approve an alternative log and load reporting process.

L-090 Scaling Rules

Determination of volume of any forest products shall be conducted by a state approved third party scaling organization and in accordance with the Eastside log scaling and grading rules, Region 6 taper rules, and Scribner Volume Table, revised July 1, 1972, contained in the Northwest Log Rules Eastside and Westside Log Scaling Handbook (developed and produced by the Northwest Log Rules Advisory Group) and in effect on the date of confirmation of this contract.

Special scaling specifications shall be noted on the State’s Brand Designation form which is hereby incorporated to this contract by reference.

L-110 State Approval of Log Scaling and Weighing Locations

Forest Product measurement and weighing facilities required by this contract must be approved by the State. Forest products sold under the contract which require log scaling shall be scaled, measured, or counted by a State approved third party log scaling organization. Forest products sold under the contract which require weighing shall be weighed at a location that meets Washington State Department of Agriculture approval.

Prior to forest products being hauled, the Contract Administrator must authorize in writing the use of State approved measurement and/or weighing facilities that are at or en-route to final destinations. Forest products from this sale shall be measured or weighed at facilities, which are currently approved for use by the State and are currently authorized for this sale. The State reserves the right to verify load volume and weights with State employees or contractors at the State's own expense. The State reserves the right to revoke the authorization of previously approved measurement locations.

Section D: Damages

D-010.1 Liquidated Damages

The clauses in the DAMAGES section of this contract provide for the State's payments to the Contractor to be reduced for certain breaches of the terms of this contract. These offsets are agreed to as liquidated damages for the Contractor's breach, and are not penalties. They are reasonable estimates of anticipated harm to the State caused by the Contractor's breach. The State and Contractor agree to these liquidated damages provisions with the understanding of the difficulty of proving loss and the inconvenience or infeasibility of obtaining an adequate remedy. These liquidated damages provisions provide greater certainty for the Contractor by allowing the Contractor to better assess its responsibilities under the contract.

D-026.2 Damages for Delivery Interruptions and Load Non-Acceptance

a. Purchaser's failure to accept delivery of forest products due to an extended delivery interruption exceeding the limits as described in the G-027.2 (c) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $1,000.00 per each day of breach, until breach is remedied.

b. Unless Purchaser and the State have made a prior agreement in writing, Purchaser's failure to accept at least the number of delivered loads as described in the G-027.2 (d) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $200 per each truck delivery not accepted, until breach is remedied.

D-027.2 Failure to Accept Forest Products Sold

Purchaser's failure to accept all or part of the forest products sold in this agreement prior to expiration or completion of the contract results in substantial injury to the State. Except for reasons other than 'Force Majeure' (G-056.2), either section a. or b. below will apply as determined by the State.

a. When Purchaser's refusal to accept forest products does not prevent further harvesting operations, or forest products can be re-sold to another buyer acceptable to the State, Purchaser shall be liable for and pay State for actual damages plus costs, as determined by the State associated with the administration and re-sale of forest products not accepted by Purchaser under the terms of this contract.

b. When Purchaser's refusal to accept forest products causes a stoppage of the State's harvesting operations and prevents the State from further harvest of the sale area, the actual damage to the State and associated costs are difficult to assess. The remaining value of all the forest products left in the sale area once the stoppage occurs is not readily ascertainable. Purchaser's failure to perform disrupts the State's management plans. Therefore, Purchaser agrees to pay the State as liquidated damages, a sum calculated using the following formula:

LD = (.35V-I) + C+ A - P

Where:

LD = Liquidated Damages

V = The stumpage value remaining in the sale area at the date of work stoppage. This will be determined by multiplying the contract bid rate contained in the P-028.2 clause for all sorts originating in the sale area, by the State's estimate of the remaining volume, less the cost of harvesting and delivery associated with each sort.

I = Initial Deposit

C = Costs associated with required harvesting services and road construction services prior to work stoppage but not amortized or paid.

A = Administrative fee = $2,500.00

P = Advance payments received exceeding the value of logs delivered under this contract.

The above formula reflects the Purchaser's forfeiture of the initial deposit in accordance with clause P-010 by deducting the initial deposit from the amount owed. In no event shall the liquidated damages be less than zero. Interest on the liquidated damage is owed from the date of the work stoppage until final payment, calculated using the following formula:

Interest = r x LD x N

Where:

r = daily equivalent of an annual interest at current interest rate as established by WAC 332-100-030.

N = Number of days from work stoppage to time of payment

D-030.2 Inadequate Log Accountability

Failure to provide weighing and third party scaling information result in substantial injury to the State. The potential loss of accountability is not readily ascertainable. These contractual breaches result in an increase in the potential for the delivery of forest products for which the State receives inadequate payment and causes an increase in the State's administration costs associated with this contract. The actual costs of these breaches are difficult to assess.

For these reasons, Purchaser's payments for forest product delivery under this contract will be increased in the following amounts, as liquidated damages, to compensate the State for these breaches: $250.00 each time a load weight is not provided as required by the contract, and $250.00 each time load scale data is not determined and provided by a State approved third party scaling organization in accordance with this contract.

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

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

_____	_____
Purchaser	Loren D. Torgerson Northeast Region Manager
Date: _____	Date: _____
Address:	

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
)
COUNTY OF _____)

On this _____ day of _____, 20___, before me personally appeared _____
_____ to me known to be the _____ of the corporation that executed the within and foregoing instrument and acknowledged said instrument to be the free and voluntary act and deed of the corporation, for the uses and purposes therein mentioned, and on oath stated that (he/she was) (they were) authorized to execute said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

_____
Notary Public in and for the State of

_____

My appointment expires _____

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

LOG SALE AND PURCHASE CONTRACT

AGREEMENT NO. 30-092139

SALE NAME: GOLDEN HALO FH FIT SORT #09

THE STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES, HEREINAFTER ACTING SOLELY, IN ITS PROPRIETARY CAPACITY, STATE, AND PURCHASER, AGREE AS FOLLOWS:

Section G: General Terms

G-001.2 Definitions

The following definitions apply throughout this contract;

Contract Administrator: Region Manager's designee responsible for assuring that the contractual obligations of the Purchaser and Contractor are met.

Contractor: State-selected harvester responsible to perform all duties as required by the Harvesting Services Contract, including but not limited to timber harvesting, road construction, debris removal and piling, hauling and delivery of forest products for weighing and/or scaling, to the Purchasers of the timber sales Sorts.

Delivery: Occurs when logs or forest products meeting the sorting specifications arrive at the Purchasers destination, as described in the contract.

Forest Product: Any material derived from the forest for commercial use.

Harvesting: A general term, referring to the Contractor's various obligations under the Harvesting Services Contract.

Harvesting Services Contract: Contract between the Contractor and the State, which sets forth the procedures and obligations of the Contractor for completing the harvesting of timber, and the delivery of various log sorts to the State's purchasers, and the payment obligations of the State, The Harvesting Services Contract will include a Road Plan for any road construction or reconstruction, where applicable.

Log Sale and Purchase Contract: Purchase Agreement between the State and Purchaser(s) of particular log sorts from the timber sale.

Purchaser: The company or individual that has entered a Log Sale Contract with the State for individual log sorts from the timber sale area. The Contractor must deliver the designated log sorts to this company or individual. Contractor will likely be delivering different log sorts to different purchasers under the Harvesting Services Contract.

State: The Washington State Department of Natural Resources, landowner and seller of forest products from the timber sale area. The State is represented by the Region Manager as designated on the contract signature page. Contractual obligations to the State are enforced by the Region Manager or the designated Contract Administrator.

G-010.2 Products Sold and Sale Area

Purchaser was the successful bidder on November 17, 2015 and sale was confirmed on _____. The State, as owner, agrees to sell and deliver to the Purchaser logs meeting the log sort specifications as described in the G-022.2 clause. Logs will be delivered from the GOLDEN HALO FH FIT Timber Sale described as parts of Sections 1, and 12 all in Township 35 North, Range 32 East, Sections 26, 35, and 36 all in Township 36 North, Range 32 East, Sections 13, 14, 23, and 24 all in Township 38 North, Range 31 East, Section 25 in Township 40 North, Range 33 East W.M., in Ferry, and Okanogan County.

G-022.2 Sorting Specifications

Purchaser shall accept and pay for delivery of log sorts by a state selected contractor to the designated Purchaser location that meets the following specifications:

Agreement No.	Sort #	Description	Destination
92139	9	LP/ES/AF/WP and non-chuckable DF/WL Sawlogs 7"+ dib	

Unless otherwise specified, no blue stain is allowed in Ponderosa pine.

G-024.2 Manufacturing Standards

All forest products except poles, produced and sold under this contract will be manufactured to maximize the amount of logs meeting preferred log lengths and to achieve the average log length listed.

Agreement No.	Sort #	Scaling Rule
92139	09	ES

Average Log Length	Preferred Log Lengths
16	

"WS" indicates that west side scaling rules apply. Minimum trim is 8 inches per scaling segment for west side scaling rules. "ES" indicates that east side scaling rules apply. Minimum trim is 4 inches per scaling segment for east side scaling rules.

Poles produced under this contract will be manufactured to ANSI specifications (American National Standard Specifications and Dimensions for Wood Poles), in force at the time of signing this contract.

a. Sweep will be limited to within the bole of the log as measured using a tape stretched between the centers of each end of the log.
b. Logs approved by the state for peelers shall be chuckable with no more than a 2 inch diameter area of rot within a 5 inch diameter circle located at the center of either end of the log.
c. Limbs and knots shall be cut flush, with no more than 15 percent of a log having limbs or knots over 2 inches in diameter extending more than 2 inches above the surface of the log.
d.

G-026.2 Log Delivery Destination

Purchaser shall accept logs delivered to the destination as described in the G-022.2 clause. Purchaser may make a written request to the State for a change in log delivery destination or scaling or weighing location. If agreeable and in the best interest of the State, the State may approve the Purchaser’s request. Written approval must be granted by the State prior to log delivery to a new destination or use of a new scaling or weighing facility.

Increased haul distance shall result in an increase in the P-028.2 log delivery payment rate in an amount to be calculated by the State. In no circumstance shall the payment rate for delivered logs be reduced as a result of a state approved delivery destination or scaling or weighing facility change.

Purchaser may refuse loads delivered to the wrong destination.

G-027.2 Log Delivery Schedule and Conditions

a. Delivery hours - Purchaser agrees to accept logs from the Contractor at the Purchaser's delivery location during Purchaser’s working hours or at least between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except legal holidays unless otherwise agreed upon by the State.

b. Improperly loaded trucks - It is understood and agreed that the Purchaser incurs no obligation to accept improperly or illegally loaded trucks in its facility. Any truck so loaded may be directed to vacate the yard and shall remain the responsibility of the harvesting contractor. The Purchaser shall notify the State within 24 hours of any load (s) rejected and specify the reasons why.

c. Log Delivery Interruptions - Purchaser may schedule times in which delivery of logs will not be accepted. The Purchaser shall notify the Contract Administrator at least five (5) working days before the scheduled interruption or closure occurs. The duration of the log delivery interruption shall not exceed seven (7) consecutive working days or a total of ten (10) working days over the duration of the contract term. If Purchaser's scheduled delivery interruption exceeds contract requirements and causes the State harm, Purchaser will be in breach of contract and subject to liquidated damages as per the D-026.2 and D-027.2 clauses, unless Purchaser and the State have made a prior agreement in writing to mitigate potential harm to the State.

d. Required Acceptance of Daily Load Deliveries and Notification - If the State is harmed by purchaser's refusal to accept up to DATA MISSING truck deliveries of any one sort per day, Purchaser will be in breach of contract and subject to damages as per the D-026.2 and D-027.2 clauses. A truck delivery is all the wood delivered including sorts on super trucks, mule trains and pups brought to the delivery point by a single truck. The Purchaser shall notify the Contract Administrator at least 48 hours in advance if:

   1. Purchaser intends to limit the number of truck deliveries accepted on any day to less than that listed above, or

   2. Purchaser intends to limit the number of truck deliveries accepted on any day to the number listed above.

e. State Notification to Purchaser - The State will notify the Purchaser when it anticipates or schedules an interruption of deliveries and when it anticipates the number of truck deliveries on any day will exceed the number listed above.

f. If payments are not received or, the State determines that the payment security has become unsatisfactory or, a demand is made against the payment security under the P-045.2 clause the State shall suspend deliveries until such time as the violation has been remedied. Any suspension of deliveries due to late payment or inadequate payment security will be considered a Log Delivery Interruption under (c) of this clause.

G-030.2 Contract Term and Expiration Date

Purchaser agrees to accept and pay for forest products delivered through the period ending June 30, 2016.

G-054.2 Early Contract Termination

The State may terminate this contract in whole or in part by giving fifteen (15) days written notice to the Purchaser when it is in the best interests of the State. If this contract is so terminated, the State shall be liable only for the return of that portion of the initial deposit that is not required for payment, and the return of unapplied payments. The State shall not be liable for damages, whether direct or consequential.

G-056.2 Force Majeure

No Party shall be liable for any failure to perform its obligations, other than payments due, where such failure is as a result of Acts of Nature (including fire, flood, earthquake, storm, or other natural disaster), war, act of foreign enemies, hostilities (whether war is declared or not), terrorist activities, government sanction, fire, labor dispute, strike or lockout.

Any Party asserting Force Majeure as an excuse shall have the burden of proving that reasonable steps were taken (under the circumstances) to minimize delay or damages caused by foreseeable events, that all non-excused obligations were substantially fulfilled, and that the other Party was timely notified of the likelihood or actual occurrence which would justify such an assertion, so that other prudent precautions could be contemplated.

In the event of Force Majeure, the State reserves the right to terminate this agreement in accordance with clause G-054.2 ‘Early Contract Termination’.

G-060.2 Exclusion of Warranties

The PARTIES AGREE that the IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE and ALL OTHER WARRANTIES EXPRESSED OR IMPLIED ARE EXCLUDED from this transaction and shall not apply to the goods to be harvested or sold. For example, THE FOLLOWING SPECIFIC MATTERS ARE NOT WARRANTED, and are EXCLUDED from this transaction:

a. The MERCHANTABILITY of the forest products. The use of the term "merchantable" in any document is not intended to vary the foregoing.

b. The CONDITION of the forest products. The forest products will be conveyed "AS IS."

c. THE VOLUME, WEIGHT, QUANITY, OR QUALITY, of the forest products to be harvested. The descriptions of the forest products to be conveyed, are estimates only, made solely for administrative and identification purposes. The timing of forest product deliveries.

d. Items contained in any other documents prepared for or by the State.

G-065 Regulatory Disclaimer

The State disclaims any responsibility for, or liability relating to, regulatory actions by any government agency, including actions pursuant to the Forest Practices Act, Ch. 76.09 RCW that may affect the operability of the timber sale.

G-070.2 Limitation on Damage

In the event of a breach of any provision of this contract by the State, the liability of the State shall be limited to return of the unused initial deposit and unapplied payments to the Purchaser. The State shall not be liable for any damages, whether direct, incidental, or consequential.

G-112.2 Title

The State hereby warrants that State is the owner of said logs and has the right to sell same, free of liens, encumbrances, or claims, but subject to trade restrictions promulgated in WAC 240-15-015. Purchaser assumes title and all risk and responsibility for said logs upon delivery.

G-116.2 Sustainable Forestry Initiative® (SFI) Certification

Forest products purchased under this contract are certified as being in conformance with the Sustainable Forestry Initiative program Standard under certificate number: BV-SFIS-US09000572.

G-160.2 Agents

The State's rights and duties will be exercised by the Region Manager at Colville, Washington. The Region Manager will notify Purchaser in writing who is responsible for administering the contract. The Region Manager has sole authority to waive, modify, or amend the terms of this contract in the manner prescribed in clause G-180. No agent, employee, or representative of the State has any authority to bind the State to any affirmation, representation, or warranty concerning the logs conveyed beyond the terms of this contract.

The Purchaser agrees to notify the State in writing of their authorized representative at the log delivery destination who will be readily available and who shall be authorized to receive, on behalf of the Purchaser any instructions or notices given by the State in regard to performance under this contract, and any limits to this person's authority.

G-180 Modifications

Waivers, modifications, or amendments of the terms of this contract must be in writing signed by Purchaser and the State.

G-190 Contract Complete

This contract is the final expression of the Parties' agreement. There are no understandings, agreements, or representations, expressed or implied, which are not specified in this contract.

G-200.2 Notice

Notices required to be given under the following clauses shall be in writing and shall be delivered to the State or Purchaser's authorized agent or sent by certified mail to the Purchaser's post office address, so that their receipt may be acknowledged.

G-026.2 Log Delivery Destination
G-027.2 Log Delivery and Schedule Conditions
G-210.2 Violation of Contract

All other notices required to be given under this contract shall be in writing and delivered to their respective authorized agent or mailed to the Party's post office address. Parties agree to notify the other of any change of mailing address.

G-210.2 Violation of Contract

a. If Purchaser violates any provision of this contract, the Contract Administrator, by written notice, may suspend delivery of further loads of forest products. If the violation is capable of being remedied, the Purchaser has five (5) days after receipt of suspension notice to remedy the violation. If the violation cannot be remedied (such as violation of WAC 240-15-015) or Purchaser fails to remedy the violation within five (5) days after receipt of a suspension notice, the State may terminate the rights of the Purchaser under this contract and collect damages as described in the damages clause in this contract.

b. The State has the right to remedy the breach in the absence of any indicated attempt by the Purchaser or if Purchaser is unable, as determined by the State, to remedy the breach. Any expense incurred by the State shall be charged to Purchaser and shall be paid within thirty (30) days of receipt of billing.

c. If Purchaser's violation is a result of a failure to make payment to the State when due, in addition to (a.) above, interest shall accrue on the unpaid balance at 12 percent per annum, beginning the date payment was due. The State may secure payments from the security provided.

G-240.2 Dispute Resolution

The following procedures apply in the event of a dispute regarding interpretation or administration of this contract and the parties agree that these procedures must be followed before a lawsuit can be initiated.

a. In the event of a dispute, Purchaser must make a written request to the Region Manager for resolution prior to seeking other relief.

b. The Region Manager will issue a written decision on Purchaser's request within five business days.

c. Within five business days of receipt of the Region Manager's decision, the Purchaser may make a written request for resolution to the Deputy Supervisor - Uplands of the Department of Natural Resources.

d. Unless otherwise agreed, the Deputy Supervisor - Uplands will hold a conference within 15 calendar days of the receipt of Purchaser's request for review of the Region Manager's written decision. Purchaser and the Region Manager will have an opportunity to present their positions. The Deputy Supervisor - Uplands will issue a decision within a reasonable time of being presented with both Parties' positions.

G-252.2 Forest Excise Tax

Purchaser shall be responsible for payment of all forest excise taxes pursuant to chapter 84.33 RCW.

G-253.2 Harvesting Cost Information

The State agrees to supply all harvesting cost information to the Purchaser for their consideration in payment of forest excise taxes.

G-260 Venue

This contract shall be governed by the laws of the State of Washington. In the event of a lawsuit involving this contract, venue shall be proper only in Thurston County Superior Court.

G-330.2 Contract Review

Purchaser may arrange with the Contract Administrator to review the provisions of this contract prior to the delivery of forest products.

Section P: Payments and Securities

P-010 Initial Deposit

Purchaser paid DATA MISSING initial deposit, which will be maintained pursuant to RCW 79.15.100(3). If the operating authority on this contract expires without Purchaser's payment of the full amount specified in the 'Payment for Forest Products' clause, the initial deposit will be immediately forfeited to the State, and will be offset against Purchaser's remaining balance due. Any excess initial deposit funds not needed to ensure full payment of the contract price, or not needed to complete any remaining obligations of the Purchaser existing after contract expiration, will be refunded to the Purchaser.

P-036.2 Missorts and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet the sorting specifications in G-022.2 where species are incorrect, are scaled over 1" outside the listed diameter specifications, or ponderosa pine with blue stain are considered mis-sorts.

However, when mis-sorted Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-sort threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-sort payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-sort price reduction are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-sorted will be calculated as follows:

Payment Reduction = (B x M) x R
Where:
B = Bid rate from P-028.2 clause
M = Mis-sorted volume exceeding threshold excluding utility
R = Reduction factor
0.3 for mis-sort except for blue stain
0.4 for mis-sort related to blue stain

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-sort payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-sorts shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code

P-037.2 Mismanufacture and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet preferred log length specifications or multiples or combinations of preferred lengths and Forest Products delivered not meeting minimum log quality specifications as described in the G-024.2 clause are considered mis-manufactured. Purchaser receiving mis-manufactured Forest Products is required to pay the State at the bid price under this contract.

However, when mis-manufactured Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-manufacture threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-manufacture payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-manufacture price reductions are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-manufactured will be calculated as follows:

Payment Reduction = (B x M) x (0.2)
Where:
B = Bid rate from P-028.2 clause
M = Mis-manufactured volume exceeding threshold excluding utility

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-manufacture payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-manufacture shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code.

P-039.2 Tonnage Sort Payment Reduction Requirements

Purchaser must provide a plan in writing, acceptable to the State, to acquire third party Scribner mbf scaling information in order to be eligible for a payment reduction for a tonnage sort according to clauses P-036.2 or P-037.2. Logs delivered and accepted by the Purchaser prior to the State's acceptance of Purchaser's written payment reduction plan are not eligible for payment reduction.

Failure of Purchaser to provide sample scale data in a timely, accurate and legible basis will void an approved sample scale plan.

An approved payment reduction plan can be voided at the sole discretion of the State.

For the purpose of tonnage sort payment reduction requests, preferred log lengths for tonnage sawlog sorts shall include the following plus any additional lengths identified in clause G-024.2:

Species Type	Preferred Lengths
Conifer Sorts	16', 20', 24', 26', 32', 40'
Hardwood Sorts	18', 20', 26', 28', 30', 36', 38', 40'

P-040.2 Weighing and Scaling Costs

Purchaser agrees to pay for all weighing costs for logs delivered regardless if logs are purchased on a weight or scale basis. In addition, Purchaser agrees to pay for all scaling costs for logs delivered on a scale basis. Purchaser also agrees to pay for all costs associated with the transmission and reporting of scale or weight data.

P-045.2 Guarantee of Payment

Prior to the delivery of forest products and at a date determined by the State, Purchaser shall guarantee payment to the State for products delivered by posting with the State an approved payment security. If the Purchaser has purchased more than one sort, the payment securities may be consolidated for all the sorts. Acceptable payment security includes cash, certificate of deposit assignment, payment bond, savings account assignment, or irrevocable bank letter of credit.

The amount of payment security shall be determined by the State. The amount of payment security shall represent at least 30 days value of forest product deliveries. Payment security for products delivered will be used to guarantee payment to the State for late or non-payments.

If at any time the State determines that the security has become unsatisfactory or a demand is made against the payment security, the Purchaser agrees to increase the amount or replace the security with one acceptable to the state within 5 business days. Failure to increase the amount or replace the security is considered a breach of contract.

P-050.2 Billing and Payment Procedure for Forest Products Delivered

The State will compute and forward to Purchaser a billing statement of charges for forest products delivered during the billing period at the delivered rate shown in P-028.2 clause. After receipt of the billing statement, Purchaser's payment must be received by the Department of Natural Resources on or before the due date shown on the billing statement. Purchaser agrees to make payment, payable to the Department of Natural Resources. Failure to pay on time for forest products delivered is considered a breach of contract.

Included with the billing statement will be a summary report for the billing period compiled by the State or their log and load reporting service.

The State will adjust final billings to account for any State approved payment reductions.

P-080 Payment Account Refund

Advance payments made under P-045 or P-045.2 remaining on account above the value for the charges shall be returned to Purchaser within 30 days following the final report of charges. Refunds not made within the 30 day period will accrue interest at the interest rate, as established by WAC 332-100-030, computed on a daily basis until paid.

Section L: Log Definitions and Accountability

L-010.2 Forest Products Conveyed

Forest products conveyed are logs or parts of logs delivered meeting the sorting criteria defined by clauses G-022.2 and G-024.2 of this contract

L-014.2 Sorts Delivered to Incorrect Destination

Purchaser has agreed to purchase the sort as described in the G-022.2 clause. In the event a load from a different sort is delivered to Purchaser, Purchaser may reject the load. If Purchaser receives an incorrectly delivered load, they shall notify the State within 24 hours. If the Purchaser accepts the load, provisions in the P-035.2 or P-036.2 clause may apply.

L-071.2 Log and Load Reporting Service

This contract may at the States discretion, require the services of a State approved third party log and load reporting service. Purchaser shall ensure log volume measurement, weight, or scale and weight data for each load is received by the log and load reporting service within 24 hours of logs being measured or weighed.

If during the term of this contract, the State discontinues use of the Log and Load Reporting Service, the State will notify the Purchaser in writing, and will approve an alternative log and load reporting process.

L-090 Scaling Rules

Determination of volume of any forest products shall be conducted by a state approved third party scaling organization and in accordance with the Eastside log scaling and grading rules, Region 6 taper rules, and Scribner Volume Table, revised July 1, 1972, contained in the Northwest Log Rules Eastside and Westside Log Scaling Handbook (developed and produced by the Northwest Log Rules Advisory Group) and in effect on the date of confirmation of this contract.

Special scaling specifications shall be noted on the State's Brand Designation form which is hereby incorporated to this contract by reference.

L-110 State Approval of Log Scaling and Weighing Locations

Forest Product measurement and weighing facilities required by this contract must be approved by the State. Forest products sold under the contract which require log scaling shall be scaled, measured, or counted by a State approved third party log scaling organization. Forest products sold under the contract which require weighing shall be weighed at a location that meets Washington State Department of Agriculture approval.

Prior to forest products being hauled, the Contract Administrator must authorize in writing the use of State approved measurement and/or weighing facilities that are at or en-route to final destinations. Forest products from this sale shall be measured or weighed at facilities, which are currently approved for use by the State and are currently authorized for this sale. The State reserves the right to verify load volume and weights with State employees or contractors at the State's own expense. The State reserves the right to revoke the authorization of previously approved measurement locations.

Section D: Damages

D-010.1 Liquidated Damages

The clauses in the DAMAGES section of this contract provide for the State's payments to the Contractor to be reduced for certain breaches of the terms of this contract. These offsets are agreed to as liquidated damages for the Contractor's breach, and are not penalties. They are reasonable estimates of anticipated harm to the State caused by the Contractor's breach. The State and Contractor agree to these liquidated damages provisions with the understanding of the difficulty of proving loss and the inconvenience or infeasibility of obtaining an adequate remedy. These liquidated damages provisions provide greater certainty for the Contractor by allowing the Contractor to better assess its responsibilities under the contract.

D-026.2 Damages for Delivery Interruptions and Load Non-Acceptance

a. Purchaser's failure to accept delivery of forest products due to an extended delivery interruption exceeding the limits as described in the G-027.2 (c) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $1,000.00 per each day of breach, until breach is remedied.

b. Unless Purchaser and the State have made a prior agreement in writing, Purchaser's failure to accept at least the number of delivered loads as described in the G-027.2 (d) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $200 per each truck delivery not accepted, until breach is remedied.

D-027.2 Failure to Accept Forest Products Sold

Purchaser's failure to accept all or part of the forest products sold in this agreement prior to expiration or completion of the contract results in substantial injury to the State. Except for reasons other than 'Force Majeure' (G-056.2), either section a. or b. below will apply as determined by the State.

a. When Purchaser's refusal to accept forest products does not prevent further harvesting operations, or forest products can be re-sold to another buyer acceptable to the State, Purchaser shall be liable for and pay State for actual damages plus costs, as determined by the State associated with the administration and re-sale of forest products not accepted by Purchaser under the terms of this contract.

b. When Purchaser's refusal to accept forest products causes a stoppage of the State's harvesting operations and prevents the State from further harvest of the sale area, the actual damage to the State and associated costs are difficult to assess. The remaining value of all the forest products left in the sale area once the stoppage occurs is not readily ascertainable. Purchaser's failure to perform disrupts the State's management plans. Therefore, Purchaser agrees to pay the State as liquidated damages, a sum calculated using the following formula:

LD = (.35V-I) + C+ A - P

Where:

LD = Liquidated Damages

V = The stumpage value remaining in the sale area at the date of work stoppage. This will be determined by multiplying the contract bid rate contained in the P-028.2 clause for all sorts originating in the sale area, by the State's estimate of the remaining volume, less the cost of harvesting and delivery associated with each sort.

I = Initial Deposit

C = Costs associated with required harvesting services and road construction services prior to work stoppage but not amortized or paid.

A = Administrative fee = $2,500.00

P = Advance payments received exceeding the value of logs delivered under this contract.

The above formula reflects the Purchaser's forfeiture of the initial deposit in accordance with clause P-010 by deducting the initial deposit from the amount owed. In no event shall the liquidated damages be less than zero. Interest on the liquidated damage is owed from the date of the work stoppage until final payment, calculated using the following formula:

Interest = r x LD x N

Where:

r = daily equivalent of an annual interest at current interest rate as established by WAC 332-100-030.

N = Number of days from work stoppage to time of payment

D-030.2 Inadequate Log Accountability

Failure to provide weighing and third party scaling information result in substantial injury to the State. The potential loss of accountability is not readily ascertainable. These contractual breaches result in an increase in the potential for the delivery of forest products for which the State receives inadequate payment and causes an increase in the State's administration costs associated with this contract. The actual costs of these breaches are difficult to assess.

For these reasons, Purchaser's payments for forest product delivery under this contract will be increased in the following amounts, as liquidated damages, to compensate the State for these breaches: $250.00 each time a load weight is not provided as required by the contract, and $250.00 each time load scale data is not determined and provided by a State approved third party scaling organization in accordance with this contract.

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

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

_____	_____
Purchaser	Loren D. Torgerson Northeast Region Manager
Date: _____	Date: _____
Address:	

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
)
COUNTY OF _____)

On this _____ day of _____, 20___, before me personally appeared _____
_____ to me known to be the _____ of the corporation that executed the within and foregoing instrument and acknowledged said instrument to be the free and voluntary act and deed of the corporation, for the uses and purposes therein mentioned, and on oath stated that (he/she was) (they were) authorized to execute said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

_____
Notary Public in and for the State of

_____

My appointment expires _____

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

LOG SALE AND PURCHASE CONTRACT

AGREEMENT NO. 30-092140

SALE NAME: GOLDEN HALO FH FIT SORT #10

THE STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES, HEREINAFTER ACTING SOLELY, IN ITS PROPRIETARY CAPACITY, STATE, AND PURCHASER, AGREE AS FOLLOWS:

Section G: General Terms

G-001.2 Definitions

The following definitions apply throughout this contract;

Contract Administrator: Region Manager's designee responsible for assuring that the contractual obligations of the Purchaser and Contractor are met.

Contractor: State-selected harvester responsible to perform all duties as required by the Harvesting Services Contract, including but not limited to timber harvesting, road construction, debris removal and piling, hauling and delivery of forest products for weighing and/or scaling, to the Purchasers of the timber sales Sorts.

Delivery: Occurs when logs or forest products meeting the sorting specifications arrive at the Purchasers destination, as described in the contract.

Forest Product: Any material derived from the forest for commercial use.

Harvesting: A general term, referring to the Contractor's various obligations under the Harvesting Services Contract.

Harvesting Services Contract: Contract between the Contractor and the State, which sets forth the procedures and obligations of the Contractor for completing the harvesting of timber, and the delivery of various log sorts to the State's purchasers, and the payment obligations of the State, The Harvesting Services Contract will include a Road Plan for any road construction or reconstruction, where applicable.

Log Sale and Purchase Contract: Purchase Agreement between the State and Purchaser(s) of particular log sorts from the timber sale.

Purchaser: The company or individual that has entered a Log Sale Contract with the State for individual log sorts from the timber sale area. The Contractor must deliver the designated log sorts to this company or individual. Contractor will likely be delivering different log sorts to different purchasers under the Harvesting Services Contract.

State: The Washington State Department of Natural Resources, landowner and seller of forest products from the timber sale area. The State is represented by the Region Manager as designated on the contract signature page. Contractual obligations to the State are enforced by the Region Manager or the designated Contract Administrator.

G-010.2 Products Sold and Sale Area

Purchaser was the successful bidder on November 17, 2015 and sale was confirmed on _____. The State, as owner, agrees to sell and deliver to the Purchaser logs meeting the log sort specifications as described in the G-022.2 clause. Logs will be delivered from the GOLDEN HALO FH FIT Timber Sale described as parts of Sections 1, and 12 all in Township 35 North, Range 32 East, Sections 26, 35, and 36 all in Township 36 North, Range 32 East, Sections 13, 14, 23, and 24 all in Township 38 North, Range 31 East, Section 25 in Township 40 North, Range 33 East W.M., in Ferry, and Okanogan County.

G-022.2 Sorting Specifications

Purchaser shall accept and pay for delivery of log sorts by a state selected contractor to the designated Purchaser location that meets the following specifications:

Agreement No.	Sort #	Description	Destination
92140	10	Utility Wood all species except WRC 2" and greater	

Unless otherwise specified, no blue stain is allowed in Ponderosa pine.

G-024.2 Manufacturing Standards

All forest products except poles, produced and sold under this contract will be manufactured to maximize the amount of logs meeting preferred log lengths and to achieve the average log length listed.

Agreement No.	Sort #	Scaling Rule
92140	10	ES

Average Log Length	Preferred Log Lengths
16	

"WS" indicates that west side scaling rules apply. Minimum trim is 8 inches per scaling segment for west side scaling rules. "ES" indicates that east side scaling rules apply. Minimum trim is 4 inches per scaling segment for east side scaling rules.

Poles produced under this contract will be manufactured to ANSI specifications (American National Standard Specifications and Dimensions for Wood Poles), in force at the time of signing this contract.

a. Sweep will be limited to within the bole of the log as measured using a tape stretched between the centers of each end of the log.
b. Logs approved by the state for peelers shall be chuckable with no more than a 2 inch diameter area of rot within a 5 inch diameter circle located at the center of either end of the log.
c. Limbs and knots shall be cut flush, with no more than 15 percent of a log having limbs or knots over 2 inches in diameter extending more than 2 inches above the surface of the log.
d.

G-026.2 Log Delivery Destination

Purchaser shall accept logs delivered to the destination as described in the G-022.2 clause. Purchaser may make a written request to the State for a change in log delivery destination or scaling or weighing location. If agreeable and in the best interest of the State, the State may approve the Purchaser’s request. Written approval must be granted by the State prior to log delivery to a new destination or use of a new scaling or weighing facility.

Increased haul distance shall result in an increase in the P-028.2 log delivery payment rate in an amount to be calculated by the State. In no circumstance shall the payment rate for delivered logs be reduced as a result of a state approved delivery destination or scaling or weighing facility change.

Purchaser may refuse loads delivered to the wrong destination.

G-027.2 Log Delivery Schedule and Conditions

a. Delivery hours - Purchaser agrees to accept logs from the Contractor at the Purchaser's delivery location during Purchaser’s working hours or at least between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except legal holidays unless otherwise agreed upon by the State.

b. Improperly loaded trucks - It is understood and agreed that the Purchaser incurs no obligation to accept improperly or illegally loaded trucks in its facility. Any truck so loaded may be directed to vacate the yard and shall remain the responsibility of the harvesting contractor. The Purchaser shall notify the State within 24 hours of any load (s) rejected and specify the reasons why.

c. Log Delivery Interruptions - Purchaser may schedule times in which delivery of logs will not be accepted. The Purchaser shall notify the Contract Administrator at least five (5) working days before the scheduled interruption or closure occurs. The duration of the log delivery interruption shall not exceed seven (7) consecutive working days or a total of ten (10) working days over the duration of the contract term. If Purchaser's scheduled delivery interruption exceeds contract requirements and causes the State harm, Purchaser will be in breach of contract and subject to liquidated damages as per the D-026.2 and D-027.2 clauses, unless Purchaser and the State have made a prior agreement in writing to mitigate potential harm to the State.

d. Required Acceptance of Daily Load Deliveries and Notification - If the State is harmed by purchaser's refusal to accept up to 10 truck deliveries of any one sort per day, Purchaser will be in breach of contract and subject to damages as per the D-026.2 and D-027.2 clauses. A truck delivery is all the wood delivered including sorts on super trucks, mule trains and pups brought to the delivery point by a single truck. The Purchaser shall notify the Contract Administrator at least 48 hours in advance if:

   1. Purchaser intends to limit the number of truck deliveries accepted on any day to less than that listed above, or

   2. Purchaser intends to limit the number of truck deliveries accepted on any day to the number listed above.

e. State Notification to Purchaser - The State will notify the Purchaser when it anticipates or schedules an interruption of deliveries and when it anticipates the number of truck deliveries on any day will exceed the number listed above.

f. If payments are not received or, the State determines that the payment security has become unsatisfactory or, a demand is made against the payment security under the P-045.2 clause the State shall suspend deliveries until such time as the violation has been remedied. Any suspension of deliveries due to late payment or inadequate payment security will be considered a Log Delivery Interruption under (c) of this clause.

G-030.2 Contract Term and Expiration Date

Purchaser agrees to accept and pay for forest products delivered through the period ending June 30, 2016.

G-054.2 Early Contract Termination

The State may terminate this contract in whole or in part by giving fifteen (15) days written notice to the Purchaser when it is in the best interests of the State. If this contract is so terminated, the State shall be liable only for the return of that portion of the initial deposit that is not required for payment, and the return of unapplied payments. The State shall not be liable for damages, whether direct or consequential.

G-056.2 Force Majeure

No Party shall be liable for any failure to perform its obligations, other than payments due, where such failure is as a result of Acts of Nature (including fire, flood, earthquake, storm, or other natural disaster), war, act of foreign enemies, hostilities (whether war is declared or not), terrorist activities, government sanction, fire, labor dispute, strike or lockout.

Any Party asserting Force Majeure as an excuse shall have the burden of proving that reasonable steps were taken (under the circumstances) to minimize delay or damages caused by foreseeable events, that all non-excused obligations were substantially fulfilled, and that the other Party was timely notified of the likelihood or actual occurrence which would justify such an assertion, so that other prudent precautions could be contemplated.

In the event of Force Majeure, the State reserves the right to terminate this agreement in accordance with clause G-054.2 ‘Early Contract Termination’.

G-060.2 Exclusion of Warranties

The PARTIES AGREE that the IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE and ALL OTHER WARRANTIES EXPRESSED OR IMPLIED ARE EXCLUDED from this transaction and shall not apply to the goods to be harvested or sold. For example, THE FOLLOWING SPECIFIC MATTERS ARE NOT WARRANTED, and are EXCLUDED from this transaction:

a. The MERCHANTABILITY of the forest products. The use of the term "merchantable" in any document is not intended to vary the foregoing.

b. The CONDITION of the forest products. The forest products will be conveyed "AS IS."

c. THE VOLUME, WEIGHT, QUANITY, OR QUALITY, of the forest products to be harvested. The descriptions of the forest products to be conveyed, are estimates only, made solely for administrative and identification purposes. The timing of forest product deliveries.

d. Items contained in any other documents prepared for or by the State.

G-065 Regulatory Disclaimer

The State disclaims any responsibility for, or liability relating to, regulatory actions by any government agency, including actions pursuant to the Forest Practices Act, Ch. 76.09 RCW that may affect the operability of the timber sale.

G-070.2 Limitation on Damage

In the event of a breach of any provision of this contract by the State, the liability of the State shall be limited to return of the unused initial deposit and unapplied payments to the Purchaser. The State shall not be liable for any damages, whether direct, incidental, or consequential.

G-112.2 Title

The State hereby warrants that State is the owner of said logs and has the right to sell same, free of liens, encumbrances, or claims, but subject to trade restrictions promulgated in WAC 240-15-015. Purchaser assumes title and all risk and responsibility for said logs upon delivery.

G-116.2 Sustainable Forestry Initiative® (SFI) Certification

Forest products purchased under this contract are certified as being in conformance with the Sustainable Forestry Initiative program Standard under certificate number: BV-SFIS-US09000572.

G-160.2 Agents

The State's rights and duties will be exercised by the Region Manager at Colville, Washington. The Region Manager will notify Purchaser in writing who is responsible for administering the contract. The Region Manager has sole authority to waive, modify, or amend the terms of this contract in the manner prescribed in clause G-180. No agent, employee, or representative of the State has any authority to bind the State to any affirmation, representation, or warranty concerning the logs conveyed beyond the terms of this contract.

The Purchaser agrees to notify the State in writing of their authorized representative at the log delivery destination who will be readily available and who shall be authorized to receive, on behalf of the Purchaser any instructions or notices given by the State in regard to performance under this contract, and any limits to this person's authority.

G-180 Modifications

Waivers, modifications, or amendments of the terms of this contract must be in writing signed by Purchaser and the State.

G-190 Contract Complete

This contract is the final expression of the Parties' agreement. There are no understandings, agreements, or representations, expressed or implied, which are not specified in this contract.

G-200.2 Notice

Notices required to be given under the following clauses shall be in writing and shall be delivered to the State or Purchaser's authorized agent or sent by certified mail to the Purchaser's post office address, so that their receipt may be acknowledged.

G-026.2 Log Delivery Destination
G-027.2 Log Delivery and Schedule Conditions
G-210.2 Violation of Contract

All other notices required to be given under this contract shall be in writing and delivered to their respective authorized agent or mailed to the Party's post office address. Parties agree to notify the other of any change of mailing address.

G-210.2 Violation of Contract

a. If Purchaser violates any provision of this contract, the Contract Administrator, by written notice, may suspend delivery of further loads of forest products. If the violation is capable of being remedied, the Purchaser has five (5) days after receipt of suspension notice to remedy the violation. If the violation cannot be remedied (such as violation of WAC 240-15-015) or Purchaser fails to remedy the violation within five (5) days after receipt of a suspension notice, the State may terminate the rights of the Purchaser under this contract and collect damages as described in the damages clause in this contract.

b. The State has the right to remedy the breach in the absence of any indicated attempt by the Purchaser or if Purchaser is unable, as determined by the State, to remedy the breach. Any expense incurred by the State shall be charged to Purchaser and shall be paid within thirty (30) days of receipt of billing.

c. If Purchaser's violation is a result of a failure to make payment to the State when due, in addition to (a.) above, interest shall accrue on the unpaid balance at 12 percent per annum, beginning the date payment was due. The State may secure payments from the security provided.

G-240.2 Dispute Resolution

The following procedures apply in the event of a dispute regarding interpretation or administration of this contract and the parties agree that these procedures must be followed before a lawsuit can be initiated.

a. In the event of a dispute, Purchaser must make a written request to the Region Manager for resolution prior to seeking other relief.

b. The Region Manager will issue a written decision on Purchaser's request within five business days.

c. Within five business days of receipt of the Region Manager's decision, the Purchaser may make a written request for resolution to the Deputy Supervisor - Uplands of the Department of Natural Resources.

d. Unless otherwise agreed, the Deputy Supervisor - Uplands will hold a conference within 15 calendar days of the receipt of Purchaser's request for review of the Region Manager's written decision. Purchaser and the Region Manager will have an opportunity to present their positions. The Deputy Supervisor - Uplands will issue a decision within a reasonable time of being presented with both Parties' positions.

G-252.2 Forest Excise Tax

Purchaser shall be responsible for payment of all forest excise taxes pursuant to chapter 84.33 RCW.

G-253.2 Harvesting Cost Information

The State agrees to supply all harvesting cost information to the Purchaser for their consideration in payment of forest excise taxes.

G-260 Venue

This contract shall be governed by the laws of the State of Washington. In the event of a lawsuit involving this contract, venue shall be proper only in Thurston County Superior Court.

G-330.2 Contract Review

Purchaser may arrange with the Contract Administrator to review the provisions of this contract prior to the delivery of forest products.

Section P: Payments and Securities

P-010 Initial Deposit

Purchaser paid DATA MISSING initial deposit, which will be maintained pursuant to RCW 79.15.100(3). If the operating authority on this contract expires without Purchaser's payment of the full amount specified in the 'Payment for Forest Products' clause, the initial deposit will be immediately forfeited to the State, and will be offset against Purchaser's remaining balance due. Any excess initial deposit funds not needed to ensure full payment of the contract price, or not needed to complete any remaining obligations of the Purchaser existing after contract expiration, will be refunded to the Purchaser.

P-036.2 Missorts and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet the sorting specifications in G-022.2 where species are incorrect, are scaled over 1" outside the listed diameter specifications, or ponderosa pine with blue stain are considered mis-sorts.

However, when mis-sorted Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-sort threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-sort payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-sort price reduction are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-sorted will be calculated as follows:

Payment Reduction = (B x M) x R
Where:
B = Bid rate from P-028.2 clause
M = Mis-sorted volume exceeding threshold excluding utility
R = Reduction factor
0.3 for mis-sort except for blue stain
0.4 for mis-sort related to blue stain

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-sort payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-sorts shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code

P-037.2 Mismanufacture and Payment Reduction for Delivered Forest Products

Forest Products delivered that do not meet preferred log length specifications or multiples or combinations of preferred lengths and Forest Products delivered not meeting minimum log quality specifications as described in the G-024.2 clause are considered mis-manufactured. Purchaser receiving mis-manufactured Forest Products is required to pay the State at the bid price under this contract.

However, when mis-manufactured Forest Products amount to more than DATA MISSING% of the total delivered sort volume, Purchaser may request approval for payment reduction for delivered volume exceeding the mis-manufacture threshold.

Requests for payment reduction must be submitted to the State in writing prior to contract expiration. Eligibility for mis-manufacture payment reduction is subject to State approval and shall be determined by the State's delivered product analysis. Forest Products determined by the State eligible for mis-manufacture price reductions are not eligible for any other price adjustments.

Payment reduction for Forest Products deemed mis-manufactured will be calculated as follows:

Payment Reduction = (B x M) x (0.2)
Where:
B = Bid rate from P-028.2 clause
M = Mis-manufactured volume exceeding threshold excluding utility

Third party scaling organization information is required to determine Scribner mbf for payment reduction purposes. Value will be derived from the applicable sort value as described in this contract.

Scale information for determining mis-manufacture payment reduction eligibility must be obtained from roll-out scale. Truck-ramp and/or bundle scaling information is not acceptable for determining eligibility.

Purchaser's exclusive remedy for mis-manufacture shall be the payment reduction described in this clause, notwithstanding other provisions in the Uniform Commercial Code.

P-039.2 Tonnage Sort Payment Reduction Requirements

Purchaser must provide a plan in writing, acceptable to the State, to acquire third party Scribner mbf scaling information in order to be eligible for a payment reduction for a tonnage sort according to clauses P-036.2 or P-037.2. Logs delivered and accepted by the Purchaser prior to the State's acceptance of Purchaser's written payment reduction plan are not eligible for payment reduction.

Failure of Purchaser to provide sample scale data in a timely, accurate and legible basis will void an approved sample scale plan.

An approved payment reduction plan can be voided at the sole discretion of the State.

For the purpose of tonnage sort payment reduction requests, preferred log lengths for tonnage sawlog sorts shall include the following plus any additional lengths identified in clause G-024.2:

Species Type	Preferred Lengths
Conifer Sorts	16', 20', 24', 26', 32', 40'
Hardwood Sorts	18', 20', 26', 28', 30', 36', 38', 40'

P-040.2 Weighing and Scaling Costs

Purchaser agrees to pay for all weighing costs for logs delivered regardless if logs are purchased on a weight or scale basis. In addition, Purchaser agrees to pay for all scaling costs for logs delivered on a scale basis. Purchaser also agrees to pay for all costs associated with the transmission and reporting of scale or weight data.

P-045.2 Guarantee of Payment

Prior to the delivery of forest products and at a date determined by the State, Purchaser shall guarantee payment to the State for products delivered by posting with the State an approved payment security. If the Purchaser has purchased more than one sort, the payment securities may be consolidated for all the sorts. Acceptable payment security includes cash, certificate of deposit assignment, payment bond, savings account assignment, or irrevocable bank letter of credit.

The amount of payment security shall be determined by the State. The amount of payment security shall represent at least 30 days value of forest product deliveries. Payment security for products delivered will be used to guarantee payment to the State for late or non-payments.

If at any time the State determines that the security has become unsatisfactory or a demand is made against the payment security, the Purchaser agrees to increase the amount or replace the security with one acceptable to the state within 5 business days. Failure to increase the amount or replace the security is considered a breach of contract.

P-050.2 Billing and Payment Procedure for Forest Products Delivered

The State will compute and forward to Purchaser a billing statement of charges for forest products delivered during the billing period at the delivered rate shown in P-028.2 clause. After receipt of the billing statement, Purchaser's payment must be received by the Department of Natural Resources on or before the due date shown on the billing statement. Purchaser agrees to make payment, payable to the Department of Natural Resources. Failure to pay on time for forest products delivered is considered a breach of contract.

Included with the billing statement will be a summary report for the billing period compiled by the State or their log and load reporting service.

The State will adjust final billings to account for any State approved payment reductions.

P-080 Payment Account Refund

Advance payments made under P-045 or P-045.2 remaining on account above the value for the charges shall be returned to Purchaser within 30 days following the final report of charges. Refunds not made within the 30 day period will accrue interest at the interest rate, as established by WAC 332-100-030, computed on a daily basis until paid.

Section L: Log Definitions and Accountability

L-010.2 Forest Products Conveyed

Forest products conveyed are logs or parts of logs delivered meeting the sorting criteria defined by clauses G-022.2 and G-024.2 of this contract

L-014.2 Sorts Delivered to Incorrect Destination

Purchaser has agreed to purchase the sort as described in the G-022.2 clause. In the event a load from a different sort is delivered to Purchaser, Purchaser may reject the load. If Purchaser receives an incorrectly delivered load, they shall notify the State within 24 hours. If the Purchaser accepts the load, provisions in the P-035.2 or P-036.2 clause may apply.

L-071.2 Log and Load Reporting Service

This contract may at the States discretion, require the services of a State approved third party log and load reporting service. Purchaser shall ensure log volume measurement, weight, or scale and weight data for each load is received by the log and load reporting service within 24 hours of logs being measured or weighed.

If during the term of this contract, the State discontinues use of the Log and Load Reporting Service, the State will notify the Purchaser in writing, and will approve an alternative log and load reporting process.

L-090 Scaling Rules

Determination of volume of any forest products shall be conducted by a state approved third party scaling organization and in accordance with the Eastside log scaling and grading rules, Region 6 taper rules, and Scribner Volume Table, revised July 1, 1972, contained in the Northwest Log Rules Eastside and Westside Log Scaling Handbook (developed and produced by the Northwest Log Rules Advisory Group) and in effect on the date of confirmation of this contract.

Special scaling specifications shall be noted on the State’s Brand Designation form which is hereby incorporated to this contract by reference.

L-110 State Approval of Log Scaling and Weighing Locations

Forest Product measurement and weighing facilities required by this contract must be approved by the State. Forest products sold under the contract which require log scaling shall be scaled, measured, or counted by a State approved third party log scaling organization. Forest products sold under the contract which require weighing shall be weighed at a location that meets Washington State Department of Agriculture approval.

Prior to forest products being hauled, the Contract Administrator must authorize in writing the use of State approved measurement and/or weighing facilities that are at or en-route to final destinations. Forest products from this sale shall be measured or weighed at facilities, which are currently approved for use by the State and are currently authorized for this sale. The State reserves the right to verify load volume and weights with State employees or contractors at the State's own expense. The State reserves the right to revoke the authorization of previously approved measurement locations.

Section D: Damages

D-010.1 Liquidated Damages

The clauses in the DAMAGES section of this contract provide for the State's payments to the Contractor to be reduced for certain breaches of the terms of this contract. These offsets are agreed to as liquidated damages for the Contractor's breach, and are not penalties. They are reasonable estimates of anticipated harm to the State caused by the Contractor's breach. The State and Contractor agree to these liquidated damages provisions with the understanding of the difficulty of proving loss and the inconvenience or infeasibility of obtaining an adequate remedy. These liquidated damages provisions provide greater certainty for the Contractor by allowing the Contractor to better assess its responsibilities under the contract.

D-026.2 Damages for Delivery Interruptions and Load Non-Acceptance

a. Purchaser's failure to accept delivery of forest products due to an extended delivery interruption exceeding the limits as described in the G-027.2 (c) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $1,000.00 per each day of breach, until breach is remedied.

b. Unless Purchaser and the State have made a prior agreement in writing, Purchaser's failure to accept at least the number of delivered loads as described in the G-027.2 (d) clause, results in substantial injury to the State. The Purchaser shall pay the State liquidated damages at a rate of $200 per each truck delivery not accepted, until breach is remedied.

D-027.2 Failure to Accept Forest Products Sold

Purchaser's failure to accept all or part of the forest products sold in this agreement prior to expiration or completion of the contract results in substantial injury to the State. Except for reasons other than 'Force Majeure' (G-056.2), either section a. or b. below will apply as determined by the State.

a. When Purchaser's refusal to accept forest products does not prevent further harvesting operations, or forest products can be re-sold to another buyer acceptable to the State, Purchaser shall be liable for and pay State for actual damages plus costs, as determined by the State associated with the administration and re-sale of forest products not accepted by Purchaser under the terms of this contract.

b. When Purchaser's refusal to accept forest products causes a stoppage of the State's harvesting operations and prevents the State from further harvest of the sale area, the actual damage to the State and associated costs are difficult to assess. The remaining value of all the forest products left in the sale area once the stoppage occurs is not readily ascertainable. Purchaser's failure to perform disrupts the State's management plans. Therefore, Purchaser agrees to pay the State as liquidated damages, a sum calculated using the following formula:

LD = (.35V-I) + C+ A - P

Where:

LD = Liquidated Damages

V = The stumpage value remaining in the sale area at the date of work stoppage. This will be determined by multiplying the contract bid rate contained in the P-028.2 clause for all sorts originating in the sale area, by the State's estimate of the remaining volume, less the cost of harvesting and delivery associated with each sort.

I = Initial Deposit

C = Costs associated with required harvesting services and road construction services prior to work stoppage but not amortized or paid.

A = Administrative fee = $2,500.00

P = Advance payments received exceeding the value of logs delivered under this contract.

The above formula reflects the Purchaser's forfeiture of the initial deposit in accordance with clause P-010 by deducting the initial deposit from the amount owed. In no event shall the liquidated damages be less than zero. Interest on the liquidated damage is owed from the date of the work stoppage until final payment, calculated using the following formula:

Interest = r x LD x N

Where:

r = daily equivalent of an annual interest at current interest rate as established by WAC 332-100-030.

N = Number of days from work stoppage to time of payment

D-030.2 Inadequate Log Accountability

Failure to provide weighing and third party scaling information result in substantial injury to the State. The potential loss of accountability is not readily ascertainable. These contractual breaches result in an increase in the potential for the delivery of forest products for which the State receives inadequate payment and causes an increase in the State's administration costs associated with this contract. The actual costs of these breaches are difficult to assess.

For these reasons, Purchaser's payments for forest product delivery under this contract will be increased in the following amounts, as liquidated damages, to compensate the State for these breaches: $250.00 each time a load weight is not provided as required by the contract, and $250.00 each time load scale data is not determined and provided by a State approved third party scaling organization in accordance with this contract.

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

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES

_____	_____
Purchaser	Loren D. Torgerson Northeast Region Manager
Date: _____	Date: _____
Address:	

CORPORATE ACKNOWLEDGEMENT

STATE OF _____)
)
COUNTY OF _____)

On this _____ day of _____, 20___, before me personally appeared _____
_____ to me known to be the _____ of the corporation that executed the within and foregoing instrument and acknowledged said instrument to be the free and voluntary act and deed of the corporation, for the uses and purposes therein mentioned, and on oath stated that (he/she was) (they were) authorized to execute said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

_____
Notary Public in and for the State of

_____

My appointment expires _____

Golden Halo Cruise Narrative

Sale Name: Golden Halo	**Region:** Northeast
Agreement #: 30-091721	**District:** Highlands
Lead Cruiser: Dan Griggs	**Completion date:** 11/10/2014
Other Cruisers on sale: Nathan Simpkins All the units except units 6, 11 and 12 were contract cruised by Cougar Environmental	**Legal:** Sections 1 & 12, T 35 N, R 32 E; Sections 26, 35 & 36, T 36 N, R 32 E; Sections 13, 14, 23, and 24, T 38 N, R 31 E; Section 25, T 40 N, R 33 E; WM.

Unit Acreage Specifications:

Unit#	Gross Acres	Net Acres	List deletions for each unit.
1	28.66	27.46	Leave tree area - 1.2 Acres
2	80.74	80.74	
3	41.87	41.87	
4	55.08	55.08	
5	69.15	69.15	
6	27.19	27.19	
7	8.55	8.55	
8	154.81	154.81	
9	30.56	29.56	Existing Road - 1 Acre
10	44.36	43.36	Existing Road - 1 Acre
RW11	4.58	4.58	
RW12	1.02	1.02	
Total	546.57	543.37	Existing Roads - 2 Acres Leave Tree Area - 1.2 Acres

Cruise Specifications:

This timber sale was cruised using the **variable plot** sampling method. The double basal area system was employed; a small BAF to determine Basal Area (count trees) and a large BAF to determine the Volume-Basal Area Ratio (cruise trees). Each plot was a full plot. Plot locations were created using a computer generated grid, and found using a hand held GPS unit.

Unit #	**Small BAF** (count)	**Large BAF** (cruise)	**Sighting height** (D4H, or 16')	**Grid size** (plot spacing in feet)	**%** Cruise to count **Target**	**%** Cruise to count **Actual**	**Total number of plots**
1		33.61	D4H	280x280	100%	100%	22
2		20	D4H	280x280	100%	100%	52
3		20	D4H	280x280	100%	100%	28
4		33.61	D4H	280x280	100%	100%	30
5		33.61	D4H	280x280	100%	100%	37
6	27.78	80.28	D4H	280x280	30%	33%	18
7		33.61	D4H	280x280	100%	100%	4
8		25.15	D4H	280x280	100%	100%	59
9		27.78	D4H	280x280	100%	100%	24
10		27.78	D4H	280x280	100%	100%	32
RW11		27.78	D4H	530x530	100%	100%	8
RW12		100%	D4H		100%	100%	1
Total						86.9%	317

Sale / Cruise Description:

Minor species cruise intensity:	We grade the first tree of all minor species encountered with the smaller BAF; then followed through with the small BAF to large BAF ratio.
Minimum cruise specifications:	**Ponderosa pine:** 8.0" to 17.5" DBH has minimum top of 6" dob. 17.6" and greater DBH measured height to 40% of DOB at 16'or a 6" top whichever is greater. **All other species:** 7.0" – 17.5" DBH has minimum top of 5" dob. 17.6" and greater DBH measured height to 40% of DOB at 16'or a 6" top whichever is greater. **Utility Wood:** Comprised of non-board foot volume and volume below the minimum top diameter of 5" or 40% of DOB at 16' to a minimum of a 2.6" top.

Take /leave tree Description:	This timber sale is a prescriptive cut which varies by unit, see Schedule A for details. Harvest all green conifers that meet the minimum cruise specifications and are not banded with blue paint. Remove all timber within the orange right of way tags.
Other conditions:	All timber was **graded in 32 foot segments** with the Scaling Bureaus Eastside / Northwest log rules. Leave trees can be identified in the cruise data by an "L" in the status column. No volume was given for snags, but they can be identified in the cruise data by an "S" in the status column. The utility wood was given a board foot volume.

Field Observations:

Golden Halo Timber Sale

Location: Units 1 through 7 are in Southern Ferry County, 5 miles South of Republic; Unit 8 is in Northern Ferry County, 4.5 miles North of Curlew; Units 9 & 10 are in Eastern Okanogan County, 24.5 miles Northwest of Republic, Washington.
Aspect: North, South, East, and West
Elevation: 2,400 to 4,800 feet
Slope:

Unit 1 - 0% to 75% average 55%
Unit 2 - 0% to 70% average 33%
Unit 3 - 0% to 75% average 38%
Unit 4 - 0% to 70% average 44%
Unit 5 - 0% to 55% average 40%
Unit 6 - 0% to 70% average 30%
Unit 7 - 0% to 35% average 28%
Unit 8 - 0% to 35% average 40%
Unit 9 - 0% to 65% average 45%
Unit10 - 0% to 65% average 40%

Harvesting methods:

Units 1 through 10- About half of the sale acreage can be harvested by ground based methods and the other half will require uphill cable yarding.

Stand composition:

The stands are second growth Douglas-fir and western larch with larger residual trees. There is a minor component of Engelmann spruce, lodgepole pine, and ponderosa pine.

Stand health:

There is light bark beetle activity in the ponderosa pine.
The Douglas-fir has a light mistletoe problem.
The western larch has a light mistletoe problem.
There are scattered small patches of root rot.

Timber quality:

The timber is a mix of average quality Douglas-fir (76.7%) and western larch (20.7%). The Engelmann spruce (1.7%), lodgepole pine (0.7%), and ponderosa pine (0.2%) are of average quality. These percentages were derived from the net volume that is scheduled to be removed.

Non-board foot volume:

Of the 6,119MBF scheduled to be removed on this timber sale, 421MBF consists of utility wood.

Other considerations:

The stand density is highly variable ranging from brushy areas with widely spaced trees to draws with dense stands of timber.

Based on Volume		**Based on Acres**	
Unit #	Trust 03 Vol. MBF	Ferry Co.	Okanogan Co.
1	357	27.46	
2	588	80.74	
3	397	41.87	
4	853	55.08	
5	996	69.15	
6	439	27.19	
7	143	8.55	
8	1,769	154.81	
9	215		29.56
10	314		43.36
RW11	45	4.58	
RW12	1	1.02	
Total	**6117**	**470.45**	**72.92**
% of Total	**100%**	**86.58%**	**13.42%**

Grants: **03**

Prepared by: Nathan Simpkins

Title: Natural Resource Specialist 1

CC: Timber Sales Document Center & File #30-091721

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO

Acres 543.37

Page 1
Date 12/8/2014
Time 7:37:42AM

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	26	10.2	2,558	2,297	1,248			77	23	99	1			16	14	109	1.32	21.0
DF		D	3	23	9.7	2,224	2,008	1,091		81	18	1	99	1	0		16	11	60	0.73	33.3
DF		D	4	43	7.1	4,008	3,722	2,023	14	85	0		99	1			16	7	26	0.34	145.5
DF		U	UT	8	6.7	659	615	334	91	9	0		92	8			16	4	10	0.14	60.9
DF	**Totals**			65	8.5	9,449	8,642	4,696	13	56	25	6	99	1	0		16	7	33	0.42	260.7
DF	L	D	2	73	2.2	993	972	528			39	61	100				16	16	173	1.90	5.6
DF	L	D	3	16	.8	215	213	116		36	42	22	100				16	12	99	1.09	2.2
DF	L	D	4	7		91	91	50	1	71	17	12	100				16	9	43	0.61	2.1
DF	L	U	UT	4	5.7	54	51	28	20	31	30	20	98	2			15	6	31	0.47	1.7
DF	**Totals**			10	1.9	1,354	1,327	721	1	12	38	50	100	0			16	13	115	1.31	11.5
WL		D	2	38	2.4	930	908	493			73	27	100	0			16	14	123	1.36	7.4
WL		D	3	24	1.7	548	539	293		78	21	1	99	1	0		16	11	67	0.73	8.1
WL		D	4	32	6.6	817	763	414	9	90	1	1	100	0			16	7	28	0.36	27.3
WL		U	UT	6	.5	123	123	67	80	7	13		98	2			16	4	13	0.17	9.5
WL	**Totals**			17	3.6	2,418	2,332	1,267	7	48	34	11	100	0	0		16	8	45	0.52	52.3
WL	L	D	1	12	3.6	40	38	21				100	100				16	32	707	7.06	.1
WL	L	D	2	73	2.2	233	228	124			35	65	100				16	17	185	1.88	1.2
WL	L	D	3	8		25	25	14		19	54	27	100				16	13	102	1.11	.2
WL	L	D	4	5	3.2	15	15	8		77	23		100				16	9	42	0.61	.4
WL	L	U	UT	2		4	4	2	28	72			61	39			18	5	26	0.33	.1
WL	**Totals**			2	2.2	317	310	168	0	6	31	63	100	0			16	15	153	1.59	2.0
PP	L	D	2	6	.0	30	30	16				100	100				16	27	558	4.68	.1
PP	L	D	4	62	3.6	314	303	164			45	55	100				16	16	156	1.69	1.9
PP	L	D	5	31	1.5	157	154	84		65	22	13	99	1			16	9	54	0.69	2.9
PP	L	U	UT	1		1	1	1		100			100				16	7	29	0.51	.0
PP	**Totals**			4	2.7	501	488	265		21	35	45	100	0			16	12	100	1.13	4.9
LP		D	3	16		14	14	7			100		100				16	12	80	1.09	.2
LP		D	4	69	10.7	64	57	31	17	83			100				16	7	28	0.36	2.1
LP		U	UT	15		12	12	7	100				100				15	4	12	0.13	1.1
LP	**Totals**			1	7.6	90	83	45	27	57	16		100				16	6	25	0.33	3.3
ES		D	2	23	10.8	51	45	25			71	29	100				16	15	142	1.63	.3
ES		D	3	19	16.8	42	35	19		16	23	61	100				16	14	116	1.16	.3
ES		D	4	44	3.4	87	84	46	2	95	3		100				16	7	28	0.36	3.0
ES		U	UT	14	3.6	26	25	13	100				100				16	4	12	0.14	2.1
ES	**Totals**			1	8.0	205	189	103	14	45	23	18	100				16	7	33	0.39	5.7
Totals					6.7	14,334	13,370	7,265	10	48	28	14	99	1	0		16	8	39	0.48	340.5

TC PSTATS

PROJECT STATISTICS

PROJECT GOLDHALO

DATE 12/8/2014

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
35N	32E	01	GOLDEN	00U2	THR	543.37	297	1,102	S	E
40N	33E	25	GOLDEN HALO	00U8						

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	297	1102	3.7		
CRUISE	250	958	3.8	57,353	1.7
DBH COUNT					
REFOREST COUNT	36	80	2.2		
BLANKS	11				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	602	78.2	12.5	69	18.8	66.2	9,449	8,642	1,891	1,768
DOUG FIR-L	81	2.2	23.6	83	1.4	6.7	1,354	1,327	241	241
DOUG FIR-S	62	5.7	14.2	48	1.7	6.3				
W LARCH	116	11.8	14.0	88	3.4	12.7	2,418	2,332	448	438
W LARCH-L	11	.3	27.0	113	0.2	1.2	317	310	52	52
W LARCH-S	33	2.9	15.5	74	1.0	3.8				
P PINE-L	31	1.2	20.8	81	0.6	2.9	501	488	88	88
P PINE-S	7	.3	18.2	58	0.1	.5				
E SPRUCE	11	1.9	11.0	62	0.4	1.3	205	189	39	36
LP PINE	4	1.0	10.0	66	0.2	.5	90	83	17	17
TOTAL	*958*	*105.6*	*13.3*	*71*	*28.0*	*102.0*	*14,334*	*13,370*	*2,775*	*2,640*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	**SAMPLE TREES - BF** LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	91.7	3.8	185	192	199			
DOUG FIR-L	58.7	6.6	717	768	818			
DOUG FIR-S								
W LARCH	101.6	9.5	303	335	367			
W LARCH-L	53.4	18.9	1,466	1,807	2,147			
W LARCH-S								
P PINE-L	99.6	17.9	525	639	753			
P PINE-S								
E SPRUCE	114.3	38.1	168	272	376			
LP PINE	58.8	33.6	61	93	124			
TOTAL	*135.7*	*4.4*	*256*	*268*	*280*	*737*	*376*	*184*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	**TREES/ACRE** LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	103.7	6.0	73	78	83			
DOUG FIR-L	221.0	12.8	2	2	3			
DOUG FIR-S	340.2	19.7	5	6	7			
W LARCH	208.9	12.1	10	12	13			
W LARCH-L	613.4	35.6	0	0	0			
W LARCH-S	355.8	20.6	2	3	3			
P PINE-L	426.8	24.8	1	1	2			
P PINE-S	1074.3	62.3	0	0	0			
E SPRUCE	936.3	54.3	1	2	3			
LP PINE	847.3	49.2	1	1	1			
TOTAL	*76.8*	*4.5*	*101*	*106*	*110*	*236*	*120*	*59*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	**BASAL AREA/ACRE** LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10

PROJECT STATISTICS

PROJECT GOLDHALO

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
35N	32E	01	GOLDEN	00U2	THR	543.37	297	1,102	S	E
40N	33E	25	GOLDEN HALO	00U8						

DOUG FIR	92.0	5.3	63	66	70			
DOUG FIR-L	208.6	12.1	6	7	8			
DOUG FIR-S	273.1	15.8	5	6	7			
W LARCH	193.2	11.2	11	13	14			
W LARCH-L	619.8	36.0	1	1	2			
W LARCH-S	338.6	19.6	3	4	5			
P PINE-L	379.0	22.0	2	3	4			
P PINE-S	1136.9	66.0	0	1	1			
E SPRUCE	887.8	51.5	1	1	2			
LP PINE	718.2	41.7	0	1	1			
TOTAL	*60.8*	*3.5*	*98*	*102*	*106*	*148*	*75*	*37*

CL 68.1	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	91.8	5.3	8,181	8,642	9,102			
DOUG FIR-L	215.4	12.5	1,161	1,327	1,493			
DOUG FIR-S								
W LARCH	215.3	12.5	2,040	2,332	2,623			
W LARCH-L	640.7	37.2	194	310	425			
W LARCH-S								
P PINE-L	357.3	20.7	387	488	589			
P PINE-S								
E SPRUCE	1045.8	60.7	74	189	303			
LP PINE	738.5	42.9	48	83	119			
TOTAL	*71.1*	*4.1*	*12,819*	*13,370*	*13,921*	*202*	*103*	*50*

CL 68.1	COEFF		**V BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	88.4	5.1	124	131	138			
DOUG FIR-L	228.7	13.3	173	197	222			
DOUG FIR-S								
W LARCH	168.7	9.8	161	184	207			
W LARCH-L	619.6	36.0	166	264	362			
W LARCH-S								
P PINE-L	351.1	20.4	134	169	205			
P PINE-S								
E SPRUCE	985.4	57.2	58	148	238			
LP PINE	646.5	37.5	87	152	217			
TOTAL	*70.0*	*4.1*	*126*	*131*	*136*	*196*	*100*	*49*

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014

Time 9:22:56AM

T35N R32E S12 T00U1

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
35N	32E	12	GOLDEN	00U1	27.46	18	68	S	E

T35N R32E S12 T00U1

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/Lf	Logs Per /Acre
DF		D	2	22	5.1	2,991	2,839	78			87	13	100				16	13	103	1.31	27.5
DF		D	3	30	1.2	3,698	3,653	100		82	18		100				16	11	66	0.78	55.3
DF		D	4	39	2.2	5,088	4,976	137	16	84			100	0			16	7	26	0.36	193.6
DF		U	UT	9		1,002	1,002	28	91	9			98	2			17	4	11	0.14	90.7
DF	**Totals**			76	2.4	12,778	12,469	342	14	58	25	3	100	0			16	7	34	0.44	367.0
DF	L	D	2	78	3.8	2,418	2,326	64			41	59	100				16	17	174	1.97	13.4
DF	L	D	3	16	.0	494	494	14		48	52		100				16	11	73	0.87	6.7
DF	L	D	4	4		103	103	3		100			100				16	7	28	0.50	3.6
DF	L	U	UT	2		47	47	1	49	51			100				15	4	13	0.26	3.5
DF	**L**	**Totals**		18	3.0	3,062	2,970	82	1	12	41	46	100				16	12	109	1.28	27.3
WL		D	4	90		492	492	14	31	69			100				16	6	20	0.23	24.6
WL		U	UT	10		53	53	1	100				100				16	4	10	0.11	5.3
WL	**Totals**			3		545	545	15	38	62			100				16	5	18	0.21	29.9
PP	L	D	4	93		372	372	10			33	67	100				16	18	202	2.00	1.8
PP	L	D	5	7		28	28	1		100			100				16	10	60	0.81	.5
PP	**L**	**Totals**		2		400	400	11		7	31	62	100				16	16	174	1.76	2.3
Type Totals					2.4	16,786	16,384	450	12	49	27	12	100	0			16	7	38	0.48	426.5

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014
Time 9:22:56AM

T35N R32E S01 T00U2

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
35N	32E	01	GOLDEN	00U2	80.74	45	188	S	E

T35N R32E S01 T00U2

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	33	3.2	1,835	1,776	143			73	27	100				16	14	118	1.44	15.0
DF		D	3	26	2.8	1,430	1,391	112		73	27		100				16	11	69	0.83	20.3
DF		D	4	35	.8	1,848	1,834	148	11	89			100				16	7	28	0.39	65.1
DF		U	UT	6		287	287	23	72	28			74	26			18	4	12	0.17	23.8
DF		**Totals**		44	2.1	5,400	5,287	427	8	52	32	9	99	1			16	8	43	0.54	124.2
DF	L	D	2	67	1.2	2,581	2,551	206			15	85	100				16	18	230	2.35	11.1
DF	L	D	3	21	1.2	809	799	65		12	52	36	100				16	15	138	1.44	5.8
DF	L	D	4	6		229	229	18		46	40	14	100				16	11	73	0.88	3.1
DF	L	U	UT	6		207	207	17	5	37	50	8	97	3			16	9	53	0.68	3.9
DF	**L**	**Totals**		32	1.0	3,826	3,787	306	0	7	26	66	100	0			16	15	158	1.67	23.9
WL		D	2	51	1.1	1,036	1,025	83			56	44	100				16	15	154	1.58	6.6
WL		D	3	25	.3	504	502	41		56	35	9	100				16	11	76	0.82	6.7
WL		D	4	21	.8	408	405	33	8	86	6		100				16	7	31	0.41	13.0
WL		U	UT	3		56	56	5	100				93	7			16	4	14	0.18	4.1
WL		**Totals**		17	.8	2,004	1,988	161	4	32	39	25	100	0			16	10	65	0.72	30.4
WL	L	D	2	42	10.3	63	56	5				100	100				16	21	260	2.74	.2
WL	L	D	3	35		46	46	4				100	100				16	18	210	1.92	.2
WL	L	D	4	23	10.0	33	29	2		22	78		100				16	13	90	1.06	.3
WL	**L**	**Totals**		1	6.9	141	131	11		5	17	78	100				16	16	173	1.79	.8
PP	L	D	4	73	.2	533	531	43			35	65	100				16	16	168	1.70	3.2
PP	L	D	5	26	5.6	202	190	15		67	33		100				16	9	50	0.68	3.8
PP	L	U	UT	1		2	2	0		100			100				16	6	20	0.37	.1
PP	**L**	**Totals**		6	1.7	737	724	58		18	35	47	100				16	12	102	1.13	7.1
Type Totals					1.6	12,107	11,918	962	4	32	31	33	99	1			16	9	64	0.74	186.3

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014
Time 9:22:56AM

T36N R32E S36 T00U3

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
36N	32E	36	GOLDEN	00U3	41.87	21	101	S	E

T36N R32E S36 T00U3

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	10	6.4	904	846	35			100		100				16	13	93	1.23	9.1
DF		D	3	21	1.7	1,730	1,701	71		91	9		100				16	11	65	0.76	26.1
DF		D	4	60	2.0	4,941	4,841	203	20	80			100				16	7	26	0.34	184.3
DF		U	UT	9		668	668	28	100				81	19			18	3	11	0.12	60.8
DF		**Totals**		59	2.3	8,243	8,056	337	20	67	12		98	2			16	7	29	0.36	280.3
DF	L	D	2	75	.9	1,948	1,931	81			59	41	100				16	15	151	1.66	12.8
DF	L	D	3	11	1.3	284	280	12		49	29	23	100				16	12	81	0.96	3.5
DF	L	D	4	9		222	222	9		55	9	36	100				16	9	50	0.69	4.5
DF	L	U	UT	5	25.5	158	118	5	19			81	100				15	7	53	0.89	2.2
DF	**L**	**Totals**		19	2.3	2,612	2,552	107	1	10	48	41	100				16	13	112	1.29	22.9
PP	L	D	2	27	.0	388	388	16				100	100				16	27	558	4.68	.7
PP	L	D	4	43	6.6	652	608	25			28	72	100				16	17	193	1.96	3.2
PP	L	D	5	29		410	410	17		14	22	65	100				16	13	118	1.23	3.5
PP	L	U	UT	1		8	8	0		100			100				16	9	40	0.68	.2
PP	**L**	**Totals**		10	3.0	1,457	1,414	59		5	18	77	100				16	16	188	1.84	7.5
WL		D	2	67	1.5	986	971	41			35	65	100				16	15	155	1.59	6.3
WL		D	3	9	5.2	130	123	5		100			100				16	11	63	0.69	2.0
WL		D	4	22		315	315	13	19	50	14	18	100				16	7	33	0.39	9.6
WL		U	UT	2		26	26	1	100				100				16	4	14	0.20	1.9
WL		**Totals**		10	1.5	1,457	1,435	60	6	19	27	48	100				16	10	73	0.78	19.7
WL	L	D	2	92		252	252	11			15	85	100				16	19	232	2.10	1.1
WL	L	D	3	8		22	22	1			100		100				16	12	80	1.01	.3
WL	**L**	**Totals**		2		273	273	11			22	78	100				16	17	202	1.88	1.4
Type Totals					2.2	14,042	13,730	575	13	44	21	22	99	1			16	7	41	0.49	331.7

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014
Time 9:22:56AM

T36N R32E S35 T00U4

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
36N	32E	35	GOLDEN	00U4	55.08	30	119	S	E

T36N R32E S35 T00U4

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	32	3.3	2,813	2,720	150			89	11	100				16	14	108	1.30	25.1
DF		D	3	21	1.1	1,745	1,726	95		76	24		100				16	11	67	0.76	26.0
DF		D	4	38		3,137	3,137	173	14	86			98	2			16	7	28	0.37	114.1
DF		U	UT	9		661	661	36	75	25			98	2			15	4	11	0.17	60.1
DF		**Totals**		44	1.3	8,356	8,244	454	11	51	34	4	99	1			16	7	37	0.47	225.2
DF	L	D	2	76	2.9	1,618	1,570	86			78	22	100				16	14	119	1.46	13.2
DF	L	D	3	10		219	219	12		83	17		100				16	11	67	0.75	3.3
DF	L	D	4	11		228	228	13	2	98			100				16	8	33	0.49	7.0
DF	L	U	UT	3		48	48	3	76	24			100				16	4	13	0.21	3.8
DF	**L**	**Totals**		11	2.2	2,112	2,065	114	2	20	61	17	100				16	11	76	0.96	27.2
WL		D	2	28	1.2	1,961	1,938	107			100		100				16	13	101	1.17	19.2
WL		D	3	31	.7	2,067	2,052	113		91	9		100				16	11	65	0.71	31.6
WL		D	4	32		2,184	2,184	120	4	96			100				16	7	29	0.37	75.8
WL		U	UT	9		546	546	30	72	2	26		100				15	4	13	0.17	41.7
WL		**Totals**		36	.6	6,758	6,720	370	7	59	34		100				16	8	40	0.48	168.3
WL	L	D	2	82	3.2	804	779	43			76	24	100				16	15	128	1.45	6.1
WL	L	D	3	6		59	59	3		57	43		100				16	11	74	0.80	.8
WL	L	D	4	9	.0	82	82	5		100			100				15	8	33	0.52	2.5
WL	L	U	UT	3		25	25	1	42	58			42	58			19	5	21	0.27	1.2
WL	**L**	**Totals**		5	2.6	971	946	52	1	14	66	20	98	2			16	12	89	1.04	10.6
LP		D	4	77		413	413	23	24	76			100				16	7	27	0.31	15.4
LP		U	UT	23		121	121	7	100				100				16	4	14	0.13	8.9
LP		**Totals**		3		535	535	29	41	59			100				16	5	22	0.24	24.3
PP	L	D	5	100		162	162	9		58	42		100				16	9	47	0.58	3.4
PP	**L**	**Totals**		1		162	162	9		58	42		100				16	9	47	0.58	3.4
Type Totals					1.2	18,895	18,673	1,029	9	49	38	4	99	1			16	8	41	0.50	459.0

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014
Time 9:22:56AM

T36N R32E S36 T00U5

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
36N	32E	36	GOLDEN	00U5	69.15	37	147	S	E

T36N R32E S36 T00U5

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	39	3.2	4,965	4,807	332			85	15	100				16	14	116	1.35	41.6
DF		D	3	22	3.1	2,652	2,571	178		82	18		100				16	11	64	0.78	40.1
DF		D	4	32	1.0	3,943	3,904	270	5	95			100				16	7	28	0.38	140.0
DF		U	UT	7		810	810	56	92	8			91	9			15	4	10	0.15	84.7
DF		**Totals**		63	2.2	12,370	12,092	836	8	49	38	6	99	1			16	8	39	0.51	306.4
DF	L	D	2	80	3.7	1,363	1,313	91			37	63	100				16	16	172	1.94	7.6
DF	L	D	3	12		201	201	14		83	17		100				16	11	71	0.86	2.8
DF	L	D	4	6		94	94	7		100			100				15	8	30	0.50	3.2
DF	L	U	UT	2		31	31	2	50	50			100				15	4	11	0.28	2.7
DF	**L**	**Totals**		9	3.0	1,689	1,639	113	1	17	32	51	100				16	12	100	1.21	16.4
WL		D	2	28	4.8	409	390	27			100		100				16	13	99	1.13	3.9
WL		D	3	21		295	295	20		88	12		100				16	11	65	0.71	4.5
WL		D	4	42		575	575	40		100			100				16	8	31	0.39	18.5
WL		U	UT	9		117	117	8	100				100				15	4	13	0.15	9.0
WL		**Totals**		7	1.4	1,397	1,377	95	9	61	31		100				16	8	38	0.45	36.0
WL	L	D	1	22	3.6	313	301	21				100	100				16	32	707	7.06	.4
WL	L	D	2	69	1.2	962	950	66			13	87	100				16	19	243	2.33	3.9
WL	L	D	3	7		83	83	6		12	88		100				16	13	95	1.11	.9
WL	L	D	4	1		17	17	1		100			100				16	9	40	0.61	.4
WL	L	U	UT	1		10	10	1		100			100				16	10	60	0.73	.2
WL	**L**	**Totals**		7	1.7	1,383	1,360	94		3	15	83	100				16	18	235	2.33	5.8
PP	L	D	4	65	4.8	1,153	1,097	76			56	44	100				16	15	138	1.58	8.0
PP	L	D	5	35	.9	591	586	40		85	15		100				16	9	46	0.63	12.7
PP	**L**	**Totals**		9	3.5	1,744	1,683	116		30	42	29	100				16	11	82	1.00	20.6
ES		D	2	26		251	251	17			100		100				16	14	120	1.31	2.1
ES		D	3	8		74	74	5		41	59		100				16	11	70	0.80	1.0
ES		D	4	50		467	467	32	2	98			100				16	7	29	0.36	15.9
ES		U	UT	16		148	148	10	100				100				17	4	13	0.14	11.1
ES		**Totals**		5		940	940	65	17	52	31		100				16	7	31	0.36	30.2
Type Totals					2.2	19,523	19,092	1,320	7	42	35	16	100	0			16	8	46	0.57	415.4

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014

Time 9:22:56AM

T36N R32E S35 T00U6

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
36N	32E	35	GOLDEN HALO	00U6	27.19	17	20	S	E

T36N R32E S35 T00U6

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	21	2.9	1,986	1,929	52			66	34	100				16	13	108	1.35	17.8
DF		D	3	15		1,337	1,337	36		91	9		100				16	11	66	0.75	20.4
DF		D	4	59		5,216	5,216	142	12	88			100				16	7	27	0.36	192.7
DF		U	UT	5		403	403	11	100				100				16	4	14	0.16	28.9
DF	**Totals**			55	.6	8,942	8,885	242	12	65	16	7	100				16	7	34	0.44	259.8
WL		D	2	62	4.3	4,656	4,455	121			63	37	100				16	15	133	1.45	33.6
WL		D	3	13	6.9	1,026	955	26		53	47		100				16	11	68	0.81	14.1
WL		D	4	21		1,480	1,480	40	5	95			100				16	8	33	0.43	44.6
WL		U	UT	4		249	249	7	63	37			100				16	5	17	0.23	14.8
WL	**Totals**			44	3.7	7,411	7,139	194	3	28	46	23	100				16	10	67	0.77	107.2
ES		D	4	100		131	131	4		100			100				16	7	25	0.42	5.2
ES	**Totals**			1		131	131	4		100			100				16	7	25	0.42	5.2
Type Totals					2.0	16,484	16,155	439	8	49	29	14	100				16	8	43	0.53	372.2

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 12/8/2014

Time 7:37:42AM

T35N R32E S12 T00U7

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
35N	32E	12	GOLDEN	00U7	8.55	4	17	S	E

T35N R32E S12 T00U7

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	34	13.9	5,964	5,135	44			57	43	100				16	15	122	1.24	42.1
DF		D	3	11	13.9	1,742	1,500	13		100			100				16	10	52	0.62	29.0
DF		D	4	43	15.8	7,628	6,422	55	3	97			100				16	7	21	0.30	298.8
DF		U	UT	12	13.9	1,962	1,689	14	96	4			100				17	4	11	0.13	150.0
DF		**Totals**		86	14.7	17,295	14,746	126	12	53	20	15	100				16	7	28	0.34	519.8
WL		D	4	90	20.0	1,189	951	8		100			100				16	7	24	0.29	39.6
WL		U	UT	10	20.0	132	106	1	100				100				16	4	8	0.11	13.2
WL		**Totals**		6	20.0	1,321	1,057	9	10	90			100				16	7	20	0.24	52.8
PP	L	D	4	90	4.0	1,213	1,164	10			54	46	100				16	16	160	1.76	7.3
PP	L	D	5	10		121	121	1		100				100			22	6	50	0.56	2.4
PP	**L**	**Totals**		8	3.6	1,334	1,286	11		9	49	42	91	9			18	14	132	1.38	9.7
Type Totals					14.3	19,950	17,088	146	11	52	21	16	99	1			16	7	29	0.35	582.4

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014

Time 9:22:56AM

T40N R33E S25 T00U8

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
40N	33E	25	GOLDEN HALO	00U8	154.81	59	238	S	E

T40N R33E S25 T00U8

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2	26	21.3	3,202	2,521	390			66	34	100				16	14	103	1.27	24.5
DF		D	3	28	19.4	3,396	2,736	424		78	20	2	100				16	10	53	0.65	51.7
DF		D	4	39	18.9	4,546	3,688	571	12	86	2		100				16	7	24	0.32	155.7
DF		U	UT	7	17.2	814	674	104	95	5			91	9			16	4	9	0.11	75.7
DF	**Totals**			84	19.6	11,958	9,619	1,489	11	56	24	9	99	1			16	7	31	0.40	307.6
WL		D	2	42	1.0	703	696	108			77	23	100				16	14	120	1.34	5.8
WL		D	3	31	2.4	514	501	78		82	18		100				16	10	62	0.70	8.0
WL		D	4	23	1.0	379	375	58	7	93			100				16	7	29	0.40	12.8
WL		U	UT	4	1.0	50	49	8	78	22			88	12			18	4	12	0.17	4.1
WL	**Totals**			14	1.5	1,645	1,621	251	4	47	39	10	100	0			16	9	53	0.62	30.7
ES		D	2	24	29.4	65	46	7				100	100				16	23	253	3.27	.2
ES		D	3	49	21.6	114	90	14		6	10	84	100				16	17	152	1.45	.6
ES		D	4	20	21.6	49	38	6		73	27		100				16	7	23	0.27	1.7
ES		U	UT	7	21.6	15	12	2	100				100				16	4	8	0.11	1.5
ES	**Totals**			2	23.7	243	186	29	6	18	10	65	100				16	8	47	0.53	3.9
Type Totals					17.5	13,847	11,426	1,769	10	54	26	10	99	1			16	8	33	0.42	342.2

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014

Time 9:22:56AM

T38N R31E S24 T00U9

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
38N	31E	24	GOLDEN HALO	00U9	29.56	24	13	S	E

T38N R31E S24 T00U9

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	3	18		1,029	1,029	30		100			100				16	11	70	0.90	14.7
DF		D	4	78		4,221	4,221	125	15	85			100				16	7	26	0.35	160.4
DF		U	UT	4		183	183	5	100				100				15	3	10	0.13	18.3
DF	**Totals**			75		5,433	5,433	161	15	85			100				16	7	28	0.38	193.4
WL		D	4	92	16.5	2,052	1,714	51	18	82			100				16	7	24	0.29	72.8
WL		U	UT	8		130	130	4	100				100				15	3	10	0.11	13.0
WL	**Totals**			25	15.5	2,183	1,844	55	24	76			100				16	6	21	0.26	85.9
Type Totals					4.4	7,616	7,278	215	17	83			100				16	7	26	0.34	279.3

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014

Time 9:22:56AM

T38N R31E S23 T0U10

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
38N	31E	23	GOLDEN HALO	0U10	43.36	32	20	S	E

T38N R31E S23 T0U10

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/Lf	Logs Per /Acre
DF	D		2	4		228	228	10			100		100				16	12	80	1.01	2.9
DF	D		3	6		374	374	16		100			100				16	11	65	0.81	5.7
DF	D		4	79		4,368	4,368	189	30	70			100				16	6	24	0.31	181.3
DF	U		UT	11		600	600	26	100				100				16	4	10	0.13	60.0
DF	**Totals**			77		5,569	5,569	241	35	61	4		100				16	6	22	0.29	249.9
WL	D		2	11	18.2	170	139	6			100		100				16	14	90	1.50	1.5
WL	D		3	13		154	154	7			100		100				16	13	100	1.00	1.5
WL	D		4	73	30.8	1,241	859	37	19	81			100				16	7	24	0.34	35.4
WL	U		UT	3		32	32	1	100				100				16	3	10	0.12	3.2
WL	**Totals**			16	25.9	1,597	1,184	51	16	59	25		100				16	7	28	0.39	41.7
LP	D		3	47		172	172	7			100		100				16	12	80	1.09	2.2
LP	D		4	53	30.8	280	194	8		100			100				16	9	30	0.54	6.5
LP	U		UT														12	3		0.12	2.2
LP	**Totals**			5	19.0	452	366	16		53	47		100				15	8	34	0.59	10.8
ES	D		4	75		92	92	4		100			100				16	7	30	0.46	3.1
ES	U		UT	25		31	31	1	100				100				16	3	10	0.16	3.1
ES	**Totals**			2		122	122	5	25	75			100				16	5	20	0.31	6.1
Type Totals					6.5	7,741	7,241	314	30	61	10		100				16	6	23	0.31	308.5

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014

Time 9:22:56AM

T36N R32E S35 TRW11

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
36N	32E	35	GOLDEN HALO	RW11	4.58	9	31	S	E

T36N R32E S35 TRW11

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	D	2		31	4.0	2,803	2,691	12			68	32		100			32	15	304	1.84	8.8
DF	D	3		37	6.9	3,512	3,271	15		90	10			97	3		32	9	115	0.94	28.4
DF	D	4		27	7.6	2,526	2,334	11	57	43			23	77			23	5	32	0.35	72.1
DF	U	UT		5		367	367	2	27	37	36		100				15	6	28	0.55	13.0
DF	**Totals**			88	5.9	9,209	8,662	40	16	47	27	10	10	89	1		25	7	71	0.68	122.3
WL	D	2		22	11.1	291	259	1			100			100			32	12	160	1.38	1.6
WL	D	3		49	1.5	575	566	3		87	13			87	13		32	9	121	0.73	4.7
WL	D	4		11	.0	124	124	1	100				31	69			23	5	29	0.30	4.2
WL	U	UT		18		198	198	1	1		99		100				16	12	91	1.15	2.2
WL	**Totals**			12	3.5	1,188	1,147	5	11	43	46		21	73	6		26	9	90	0.75	12.7
Type Totals					5.7	10,397	9,809	45	16	47	29	9	12	87	2		25	7	73	0.68	135.0

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: GOLDHALO

Date 11/10/2014

Time 9:22:56AM

T36N R32E S35 TRW12

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
36N	32E	35	GOLDEN HALO	RW12	1.02	1	5	S	E

T36N R32E S35 TRW12

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-32	33-55	56-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
WL		D	3	90	5.6	696	657	1		49	51			49	51		34	9	134	0.94	4.9
WL		D	4	8	.0	59	59	0	100				50	50			17	5	20	0.22	2.9
WL		U	UT	2		10	10	0	100				100				14	3	10	0.09	1.0
WL		**Totals**		90	5.1	765	725	1	9	45	46		5	49	46		26	7	82	0.73	8.8
DF		D	3	87		69	69	0		100				100			32	7	70	0.53	1.0
DF		D	4	13		10	10	0	100				100				12	5	10	0.20	1.0
DF		**Totals**		10		78	78	0	13	87			13	87			22	6	40	0.44	2.0
Type Totals					4.7	843	804	1	10	49	41		6	52	41		25	7	75	0.68	10.8

TC PSPCTLTCM

Species Summary - Trees, Logs, Tons, CCF, MBF

T35N R32E S01 Ty00U2	80.7
T35N R32E S12 Ty00U1	27.4
T40N R33E S25 Ty00U	154.8

Project GOLDHALO
Acres 543.37

Page No 1
Date: 12/8/2014
Time 7:37:43AM

Species	ST	Total Trees	Total Logs	Total Tons	Net Cubic Ft/ Tree	Net Cubic Ft/ Log	CF/ LF	Total CCF Gross	Total CCF Net	Total MBF Gross	Total MBF Net
DOUG FIR		42,493	141,677	29,291	22.61	6.78	0.42	10,277	9,609	5,134	4,696
W LARCH		6,432	28,392	5,845	37.04	8.39	0.52	2,435	2,382	1,314	1,267
DOUG FIR	L	1,205	6,269	3,725	108.53	20.85	1.30	1,307	1,307	735	721
P PINE	L	662	2,649	1,145	72.08	18.01	1.12	477	477	272	265
W LARCH	L	161	1,102	675	175.11	25.53	1.60	281	281	172	168
E SPRUCE		1,052	3,106	546	18.64	6.31	0.39	210	196	112	103
LP PINE		546	1,804	223	17.13	5.19	0.33	93	94	49	45
DOUG FIR	S	3,076			0.00	0.00					
P PINE	S	153			0.00	0.00					
W LARCH	S	1,574			0.00	0.00					
Totals		57,353	184,999	41,449	25.01	7.75	0.49	15,081	14,347	7,789	7,265

Wood Type Species	Total Trees	Total Logs	Total Tons	Net Cubic Ft/ Tree	Net Cubic Ft/ Log	CF/ LF	Total CCF Gross	Total CCF Net	Total MBF Gross	Total MBF Net
C	57,353	184,999	41,449	25.01	7.75	0.49	15,081	14,347	7,789	7,265
Totals	57,353	184,999	41,449	25.01	7.75	0.49	15,081	14,347	7,789	7,265

TC PLOGSTVB

Log Stock Table - MBF

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO
Acres 543.37

Page 1
Date 12/8/2014
Time 7:48:21AM

Spp	ST	Sort	Grade	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39	40+
DF		D	2	16	1,377	10.3	1,236	26.3				225	449	279	146	75	40	21		
DF		D	2	32	13	4.0	12	.3					6	3	2		2			
DF		D	3	16	1,193	9.8	1,076	22.9		4	468	540	43	13	6	2				
DF		D	3	32	16	6.2	15	.3			12	1	2							
DF		D	3	38	1	25.0	0	.0			0									
DF		D	4	12	9	3.1	8	.2		8	0									
DF		D	4	13	2		2	.0		0	2									
DF		D	4	14	14	2.6	13	.3		13	1									
DF		D	4	15	1	11.4	1	.0		0	0									
DF		D	4	16	2,136	7.2	1,983	42.2	0	600	1357	18	2	5						
DF		D	4	18	3		3	.1		3	0									
DF		D	4	20	1		1	.0		1										
DF		D	4	22	4		4	.1	0	3										
DF		D	4	24	0		0	.0		0										
DF		D	4	30	1	9.7	1	.0		1										
DF		D	4	32	8	10.0	7	.2		6	1									
DF		U	UT	12	5		5	.1		5										
DF		U	UT	13	30	8.4	27	.6	18	8	1									
DF		U	UT	14	42	7.8	39	.8	26	13	1									
DF		U	UT	15	24	7.1	22	.5	18	3	2									
DF		U	UT	16	167	6.2	156	3.3	98	48	9	1	1							
DF		U	UT	17	16	9.3	14	.3	10	3	1									
DF		U	UT	18	19	4.9	18	.4	15	3										
DF		U	UT	19	13	2.7	12	.3	12	1										
DF		U	UT	20	14	10.5	13	.3	13											
DF		U	UT	21	6	6.2	6	.1	5	1										
DF		U	UT	22	14	7.5	13	.3	13											
DF		U	UT	23	9	5.5	8	.2	7	1										
DF		Totals			5,134	8.5	4,696	64.6	234	725	1855	784	503	300	155	77	42	21		
DF	L	D	2	16	540	2.2	528	73.2				26	81	98	115	91	59	54	4	
DF	L	D	3	16	117		116	16.1			19	32	20	19	11	3	3	8		
DF	L	D	4	12	1		1	.1		0	0									
DF	L	D	4	16	49		49	6.8		2	28	8	2	3	1	3	2			
DF	L	U	UT	13	1		1	.1		1	0									

TC PLOGSTVB

Log Stock Table - MBF

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO
Acres 543.37

Page 2
Date 12/8/2014
Time 7:48:21AM

Spp	ST	Sort	Grade	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39	40+
DF	L	U	UT	14	2		2	.2	1		1									
DF	L	U	UT	15	0		0	.1			0									
DF	L	U	UT	16	26	6.6	24	3.3	3	2	3	3	3	4	2			3		
DF	L	U	UT	23	1		1	.1			1									
DF		Totals			735	1.9	721	9.9	4	5	54	69	106	124	129	98	64	65	4	
WL		D	2	16	504	2.4	492	38.8				61	194	104	80	25	18	4	6	
WL		D	2	32	1	11.1	1	.1				1								
WL		D	3	16	295	1.7	289	22.8			123	146	16	0	2	2				
WL		D	3	32	3		3	.2			3									
WL		D	3	40	1	10.5	1	.1						1						
WL		D	4	12	0		0	.0		0										
WL		D	4	13	1		1	.1		1										
WL		D	4	14	2		2	.2		2										
WL		D	4	16	438	6.7	409	32.3		104	291	8	1	3	2					
WL		D	4	20	2		2	.1			2									
WL		D	4	22	0		0	.0		0										
WL		D	4	30	0		0	.0		0										
WL		U	UT	13	1		1	.1	1	1										
WL		U	UT	14	9		9	.7	7	2										
WL		U	UT	15	3		3	.2	2		0									
WL		U	UT	16	44		44	3.5	18	15	2	4	5							
WL		U	UT	17	1		1	.1	1											
WL		U	UT	18	4		4	.3	2	1	1									
WL		U	UT	19	1		1	.1	1											
WL		U	UT	20	3		3	.2	3											
WL		U	UT	21	0		0	.0	0											
WL		U	UT	22	1	1.0	1	.1	1											
WL		Totals			1,314	3.6	1,267	17.4	37	127	420	220	216	108	84	27	18	4	6	
WL	L	D	1	16	22	3.6	21	12.4											21	
WL	L	D	2	16	126	2.2	124	73.5				6	13	25	23	27	12	19		
WL	L	D	3	16	14		14	8.1				7	1	2	2	2				
WL	L	D	4	12	0		0	.1		0										
WL	L	D	4	16	8	3.3	8	4.6			6		1	1						

TC PLOGSTVB

Log Stock Table - MBF

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO
Acres 543.37

Page 3
Date 12/8/2014
Time 7:48:21AM

Spp	ST	Sort	Grade	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39	40+
WL	L	U	UT	16	1		1	.8	0	0	1									
WL	L	U	UT	23	1		1	.5		1										
WL		Totals			172	2.2	168	2.3	0	1	7	13	15	27	24	29	12	19	21	
PP	L	D	2	16	16		16	6.1									3	7	6	
PP	L	D	4	16	171	3.6	164	62.1				10	23	41	39	27	25			
PP	L	D	5	12	0		0	.1		0										
PP	L	D	5	13	1		1	.2		1										
PP	L	D	5	14	2		2	.8		1	1									
PP	L	D	5	16	81	1.6	80	30.2		1	32	31	2	1	3	2	2	2	2	
PP	L	D	5	22	1		1	.4		1										
PP	L	U	UT	16	1		1	.2		0	0									
PP		Totals			272	2.7	265	3.6		5	33	41	25	42	41	29	30	9	9	
LP		D	3	16	7		7	16.5				7								
LP		D	4	16	35	10.7	31	68.8		6	21	4								
LP		U	UT	14	2		2	4.0	2											
LP		U	UT	16	4		4	8.0		4										
LP		U	UT	17	1		1	2.8	1											
LP		Totals			49	7.6	45	.6	3	10	21	11								
ES		D	2	16	27	10.8	25	23.9					7	10			7			
ES		D	3	16	23	16.8	19	18.5			2	4	1		2	6	4			
ES		D	4	16	47	3.4	46	44.6		9	34	1		2						
ES		U	UT	15	3		3	2.5	3											
ES		U	UT	16	10	5.2	9	8.9	4	5										
ES		U	UT	20	2		2	1.6	2											
ES		Totals			112	8.0	103	1.4	8	14	36	5	9	12	2	6	11			
Total		All Species			7,789	6.7	7,265	100.0	287	888	2426	1143	873	613	436	266	177	117	39	

TC PLOGSTVT_SED

Project Log Stock Table - TONS(SED)

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO
Acres 543.37

Page 1
Date 12/8/2014
Time 7:48:22AM

Spp	ST	Sort	Grade	Log Len	SED	TONS	Tons by Scaling Diameter in Inches 2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39	40+
DF		D	2	16	14.0	7,288				1505	2719	1508	821	397	220	118		
DF		D	2	32	14.6	68					34	14	10		10			
DF		D	3	16	10.6	6,437		31	2746	3266	272	70	33	18				
DF		D	3	32	9.2	104			89	5	9							
DF		D	3	38	7.0	9			9									
DF		D	4	12	5.1	58	2	52	4									
DF		D	4	13	8.5	11		2	9									
DF		D	4	14	5.1	103		97	6									
DF		D	4	15	6.5	6		4	3									
DF		D	4	16	6.8	12,908	3	3627	9072	140	17	50						
DF		D	4	18	5.1	17		16	1									
DF		D	4	20	5.0	8		8										
DF		D	4	22	4.2	23	5	18										
DF		D	4	24	6.0	2		2										
DF		D	4	30	5.4	6		6										
DF		D	4	32	5.7	54		45	9									
DF		U	UT	12	3.4	102	70	32										
DF		U	UT	13	4.1	139	73	54	12									
DF		U	UT	14	3.5	234	131	98	5									
DF		U	UT	15	3.4	121	92	16	14									
DF		U	UT	16	4.2	960	649	242	59	5	5							
DF		U	UT	17	3.4	90	64	18	8									
DF		U	UT	18	3.1	122	106	16										
DF		U	UT	19	3.1	79	73	6										
DF		U	UT	20	3.0	105	105											
DF		U	UT	21	3.2	56	50	6										
DF		U	UT	22	3.0	95	95											
DF		U	UT	23	3.1	87	82	5										
Graded						29291	1599	4398	12046	4922	3057	1641	864	416	230	118		
DF		Totals			7.0	29,291	1599	4398	12046	4922	3057	1641	864	416	230	118		
DF	L	D	2	16	16.1	2,642				145	465	516	577	434	262	229	14	
DF	L	D	3	16	12.0	582			104	178	103	85	52	14	17	30		
DF	L	D	4	12	5.8	7		4	3									
DF	L	D	4	16	8.4	308		19	200	41	8	15	5	12	8			
DF	L	U	UT	12	3.0	2	2											

TC PLOGSTVT_SED

Project Log Stock Table - TONS(SED)

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO
Acres 543.37

Page 2
Date 12/8/2014
Time 7:48:22AM

Spp	ST	Sort	Grade	Log Len	SED	TONS	Tons by Scaling Diameter in Inches 2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39	40+
DF	L	U	UT	13	6.7	8		4	4									
DF	L	U	UT	14	3.9	14	8		7									
DF	L	U	UT	15	7.0	3			3									
DF	L	U	UT	16	5.9	156	31	15	25	16	14	19	21			15		
DF	L	U	UT	23	8.0	4			4									
Graded						3725	40	43	349	380	590	635	655	461	286	274	14	
DF		Totals			12.5	3,725	40	43	349	380	590	635	655	461	286	274	14	
WL		D	2	16	14.4	2,094				297	848	430	329	92	65	14	20	
WL		D	2	32	12.0	8				8								
WL		D	3	16	10.8	1,232			521	629	67	3	6	7				
WL		D	3	32	8.5	12			12									
WL		D	3	40	15.0	4						4						
WL		D	4	12	5.0	0		0										
WL		D	4	13	6.0	7		7										
WL		D	4	14	5.1	13		13										
WL		D	4	16	7.2	2,131		480	1529	37	26	50	9					
WL		D	4	20	7.0	12			12									
WL		D	4	22	5.0	0		0										
WL		D	4	30	5.0	2		2										
WL		U	UT	12	3.0	7	7											
WL		U	UT	13	4.1	7	2	5										
WL		U	UT	14	3.3	34	21	13										
WL		U	UT	15	3.1	11	8		4									
WL		U	UT	16	4.5	212	100	63	8	18	23							
WL		U	UT	17	3.0	5	5											
WL		U	UT	18	3.4	23	15	4	4									
WL		U	UT	19	3.0	4	4											
WL		U	UT	20	3.0	19	19											
WL		U	UT	21	3.0	3	3											
WL		U	UT	22	3.0	6	6											
Graded						5845	188	587	2089	988	964	487	344	99	65	14	20	
WL		Totals			7.9	5,845	188	587	2089	988	964	487	344	99	65	14	20	
WL	L	D	1	16	32.0	80											80	
WL	L	D	2	16	16.6	484				25	52	101	86	109	46	64		
WL	L	D	3	16	12.7	57				31	5	7	6	7				

TC PLOGSTVT_SED

Project Log Stock Table - TONS(SED)

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO
Acres 543.37

Page 3
Date 12/8/2014
Time 7:48:22AM

Spp	ST	Sort	Grade	Log Len	SED	TONS	Tons by Scaling Diameter in Inches 2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39	40+
WL	L	D	4	12	6.0	2		2										
WL	L	D	4	16	9.1	41			33		4	5						
WL	L	U	UT	16	5.0	7	1	2	3									
WL	L	U	UT	23	6.0	5		5										
Graded						675	1	9	36	57	61	113	92	116	46	64	80	
WL		Totals			14.2	675	1	9	36	57	61	113	92	116	46	64	80	
PP	L	D	2	16	27.4	52									9	23	20	
PP	L	D	4	16	16.0	682				50	98	170	165	102	96			
PP	L	D	5	12	6.0	2		2										
PP	L	D	5	13	6.0	3		3										
PP	L	D	5	14	6.6	13		6	6									
PP	L	D	5	16	9.9	384		8	170	150	11	6	11	7	7	6	8	
PP	L	D	5	22	6.0	6		6										
PP	L	U	UT	16	7.9	3		1	2									
Graded						1145		27	178	201	109	175	176	109	113	29	28	
PP		Totals			12.6	1,145		27	178	201	109	175	176	109	113	29	28	
LP		D	3	16	12.0	39				39								
LP		D	4	16	7.1	156		32	97	26								
LP		U	UT	12	3.0	3	3											
LP		U	UT	14	3.0	6	6											
LP		U	UT	16	5.0	14		14										
LP		U	UT	17	3.0	5	5											
Graded						223	14	47	97	65								
LP		Totals			6.3	223	14	47	97	65								
ES		D	2	16	14.7	128					32	47			49			
ES		D	3	16	13.1	94			11	19	9		12	27	17			
ES		D	4	16	7.1	254		52	188	5		9						
ES		U	UT	15	3.0	9	9											
ES		U	UT	16	3.9	50	29	21										
ES		U	UT	20	3.0	11	11											
Graded						546	48	73	199	24	41	56	12	27	66			
ES		Totals			6.5	546	48	73	199	24	41	56	12	27	66			

TC PLOGSTVT_SED

Project Log Stock Table - TONS(SED)

T35N R32E S01 Ty00U2
THRU
T40N R33E S25 Ty00U8

Project: GOLDHALO
Acres 543.37

Page 4
Date 12/8/2014
Time 7:48:22AM

Spp	ST	Sort	Grade	Log Length	SED	TONS	Tons by Scaling Diameter in Inches 2-4	5-6	7-10	11-12	13-14	15-16	17-18	19-20	21-23	24-29	30-39	40+
Total		All Species				41,449	1891	5183	14994	6637	4822	3107	2143	1227	805	498	141	

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
35N	32E	12	GOLDEN	00U1	27.46	18	68	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	18	68	3.8		
CRUISE	18	68	3.8	3,935	1.7
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	50	118.8	12.0	64	26.9	93.4	12,778	12,469	2,594	2,595
DOUG FIR-L	9	5.6	23.4	76	3.5	16.8	3,062	2,970	557	557
DOUG FIR-S	4	6.4	14.7	34	1.9	7.5				
W LARCH	2	10.0	8.3	73	1.3	3.7	545	545	98	98
W LARCH-S	2	2.1	18.2	95	0.9	3.7				
P PINE-L	1	.5	27.3	89	0.4	1.9	400	400	65	65
TOTAL	*68*	*143.3*	*12.7*	*65*	*35.6*	*127.0*	*16,786*	*16,384*	*3,314*	*3,315*

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	7	10
DOUG FIR	75.9	10.8	151	170	188			
DOUG FIR-L	50.8	17.9	493	601	709			
DOUG FIR-S								
W LARCH	12.9	12.1	48	55	62			
W LARCH-S								
P PINE-L								
TOTAL	*108.5*	*13.3*	*190*	*219*	*248*	*471*	*240*	*118*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	58.9	14.3	102	119	136			
DOUG FIR-L	130.5	31.7	4	6	7			
DOUG FIR-S	209.3	50.8	3	6	10			
W LARCH	291.9	70.8	3	10	17			
W LARCH-S	325.3	78.9	0	2	4			
P PINE-L	424.3	102.9		0	1			
TOTAL	*43.8*	*10.6*	*128*	*143*	*159*	*81*	*42*	*20*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	42.0	10.2	84	93	103			
DOUG FIR-L	123.7	30.0	12	17	22			
DOUG FIR-S	192.5	46.7	4	7	11			
W LARCH	291.0	70.6	1	4	6			
W LARCH-S	291.0	70.6	1	4	6			
P PINE-L	424.3	102.9		2	4			
TOTAL	*30.9*	*7.5*	*117*	*127*	*136*	*40*	*21*	*10*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	52.6	12.8	10,878	12,469	14,061			
DOUG FIR-L	117.1	28.4	2,127	2,970	3,813			
DOUG FIR-S								
W LARCH	291.1	70.6	160	545	930			
W LARCH-S								

TC TSTATS

STATISTICS

PROJECT GOLDHALO

PAGE 2
DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
35N	**32E**	**12**	**GOLDEN**	**00U1**	27.46	18	68	S	E

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10
P PINE-L	424.3	102.9		400	811			
TOTAL	*49.6*	*12.0*	*14,413*	*16,384*	*18,355*	*104*	*53*	*26*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	52.6	12.8	117	134	151			
DOUG FIR-L	117.1	28.4	127	177	227			
DOUG FIR-S								
W LARCH	291.1	70.6	43	146	249			
W LARCH-S								
P PINE-L	424.3	102.9		214	434			
TOTAL	*49.6*	*12.0*	*114*	*129*	*145*	*104*	*53*	*26*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
35N	32E	01	GOLDEN	00U2	80.74	45	188	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	45	188	4.2		
CRUISE	44	187	4.3	4,831	3.9
DBH COUNT					
REFOREST COUNT					
BLANKS	1				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	82	34.0	14.0	73	9.7	36.4	5,400	5,287	1,093	1,093
DOUG FIR-L	37	4.4	26.1	91	3.2	16.4	3,826	3,787	638	638
DOUG FIR-S	29	9.9	15.7	47	3.4	13.3				
W LARCH-S	7	2.5	15.1	60	0.8	3.1				
W LARCH	21	6.8	15.9	88	2.3	9.3	2,004	1,988	352	352
W LARCH-L	1	.1	27.4	123	0.1	.4	141	131	22	22
P PINE-L	9	1.7	20.6	78	0.9	4.0	737	724	128	128
P PINE-S	1	.4	15.0	35	0.1	.4				
TOTAL	*187*	*59.8*	*16.0*	*71*	*20.9*	*83.6*	*12,107*	*11,918*	*2,233*	*2,233*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	76.4	8.4	215	235	255			
DOUG FIR-L	46.8	7.7	875	948	1,021			
DOUG FIR-S								
W LARCH	115.7	25.9	408	550	692			
W LARCH-L								
W LARCH-S								
P PINE-L	62.5	22.1	413	530	647			
P PINE-S								
TOTAL	*119.4*	*8.7*	*351*	*384*	*418*	*570*	*291*	*143*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	102.7	15.3	29	34	39			
DOUG FIR-L	108.4	16.2	4	4	5			
DOUG FIR-S	167.3	24.9	7	10	12			
W LARCH	198.8	29.6	5	7	9			
W LARCH-L	670.8	100.0	0	0	0			
W LARCH-S	258.1	38.5	2	3	3			
P PINE-L	239.2	35.7	1	2	2			
P PINE-S	670.8	100.0	0	0	1			
TOTAL	*70.5*	*10.5*	*54*	*60*	*66*	*199*	*102*	*50*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	69.5	10.4	33	36	40			
DOUG FIR-L	107.8	16.1	14	16	19			
DOUG FIR-S	146.6	21.8	10	13	16			
W LARCH	162.2	24.2	7	9	12			
W LARCH-L	670.8	100.0	0	0	1			
W LARCH-S	235.6	35.1	2	3	4			

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
35N	32E	01	GOLDEN	00U2	80.74	45	188	S	E

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10
P PINE-L	228.6	34.1	3	4	5			
P PINE-S	670.8	100.0	0	0	1			
TOTAL	*42.2*	*6.3*	*78*	*84*	*89*	*71*	*36*	*18*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	68.1	10.2	4,750	5,287	5,824			
DOUG FIR-L	112.5	16.8	3,152	3,787	4,422			
DOUG FIR-S								
W LARCH	164.9	24.6	1,500	1,988	2,477			
W LARCH-L	670.8	100.0	0	131	263			
W LARCH-S								
P PINE-L	247.9	37.0	457	724	992			
P PINE-S								
TOTAL	*56.6*	*8.4*	*10,912*	*11,918*	*12,924*	*128*	*65*	*32*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	68.1	10.2	130	145	160			
DOUG FIR-L	112.5	16.8	192	230	269			
DOUG FIR-S								
W LARCH	164.9	24.6	161	213	265			
W LARCH-L	670.8	100.0	0	295	591			
W LARCH-S								
P PINE-L	247.9	37.0	114	181	248			
P PINE-S								
TOTAL	*56.6*	*8.4*	*131*	*143*	*155*	*128*	*65*	*32*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	36	GOLDEN	00U3	41.87	21	101	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	21	101	4.8		
CRUISE	20	101	5.1	4,444	2.3
DBH COUNT					
REFOREST COUNT					
BLANKS	1				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	64	90.1	11.1	67	18.3	61.0	8,243	8,056	1,640	1,640
DOUG FIR-L	14	4.5	23.3	81	2.8	13.3	2,612	2,552	471	471
DOUG FIR-S	2	.9	19.5	66	0.4	1.9				
P PINE-L	6	1.5	26.1	96	1.1	5.7	1,457	1,414	221	221
P PINE-S	6	3.0	18.8	64	1.3	5.7				
W LARCH	7	5.4	15.0	76	1.7	6.7	1,457	1,435	247	247
W LARCH-L	1	.3	25.4	95	0.2	1.0	273	273	41	41
W LARCH-S	1	.4	20.0	30	0.2	1.0				
TOTAL	*101*	*106.1*	*12.9*	*68*	*26.8*	*96.2*	*14,042*	*13,730*	*2,619*	*2,619*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	**SAMPLE TREES - BF** LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	63.0	8.0	113	123	133			
DOUG FIR-L	70.5	19.6	550	684	817			
DOUG FIR-S								
P PINE-L	74.0	33.0	967	1,443	1,919			
P PINE-S								
W LARCH	65.9	26.9	409	559	709			
W LARCH-L								
W LARCH-S								
TOTAL	*157.7*	*15.8*	*261*	*311*	*360*	*995*	*507*	*249*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	**TREES/ACRE** LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	79.9	17.9	74	90	106			
DOUG FIR-L	140.6	31.4	3	4	6			
DOUG FIR-S	316.3	70.8	0	1	2			
P PINE-L	214.7	48.0	1	2	2			
P PINE-S	329.9	73.8	1	3	5			
W LARCH	281.1	62.9	2	5	9			
W LARCH-L	458.3	102.5		0	1			
W LARCH-S	458.3	102.5		0	1			
TOTAL	*67.1*	*15.0*	*90*	*106*	*122*	*189*	*97*	*47*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	**BASAL AREA/ACRE** LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	69.2	15.5	52	61	70			
DOUG FIR-L	128.5	28.7	10	13	17			
DOUG FIR-S	315.8	70.7	1	2	3			
P PINE-L	162.0	36.2	4	6	8			
P PINE-S	334.7	74.9	1	6	10			
W LARCH	197.5	44.2	4	7	10			
W LARCH-L	458.3	102.5		1	2			
W LARCH-S	458.3	102.5		1	2			
TOTAL	*43.9*	*9.8*	*87*	*96*	*106*	*81*	*41*	*20*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	36	GOLDEN	00U3	41.87	21	101	S	E

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	71.6	16.0	6,765	8,056	9,347			
DOUG FIR-L	133.6	29.9	1,789	2,552	3,314			
DOUG FIR-S								
P PINE-L	166.8	37.3	886	1,414	1,941			
P PINE-S								
W LARCH	206.7	46.2	772	1,435	2,099			
W LARCH-L	458.3	102.5		273	554			
W LARCH-S								
TOTAL	*49.9*	*11.2*	*12,198*	*13,730*	*15,261*	*105*	*53*	*26*

CL: 68.1 %	COEFF		V-BAR/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	71.6	16.0	111	132	153			
DOUG FIR-L	133.6	29.9	134	191	249			
DOUG FIR-S								
P PINE-L	166.8	37.3	155	247	340			
P PINE-S								
W LARCH	206.7	46.2	116	215	315			
W LARCH-L	458.3	102.5		287	581			
W LARCH-S								
TOTAL	*49.9*	*11.2*	*127*	*143*	*159*	*105*	*53*	*26*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	35	GOLDEN	00U4	55.08	30	119	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	30	119	4.0		
CRUISE	30	115	3.8	7,327	1.6
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	51	67.4	12.5	65	16.2	57.1	8,356	8,244	1,664	1,664
DOUG FIR-L	11	5.1	21.0	81	2.7	12.3	2,112	2,065	413	413
DOUG FIR-S	4	8.2	13.2	49	2.2	7.8				
W LARCH	30	30.7	14.2	101	8.9	33.6	6,758	6,720	1,276	1,277
W LARCH-L	4	1.6	22.4	101	0.9	4.5	971	946	178	178
W LARCH-S	11	10.9	15.1	83	3.5	13.4				
LP PINE	3	8.2	8.7	61	1.1	3.4	535	535	93	94
P PINE-L	1	.9	15.5	93	0.3	1.1	162	162	32	32
TOTAL	*115*	*133.0*	*13.6*	*75*	*36.2*	*133.3*	*18,895*	*18,673*	*3,656*	*3,657*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	**SAMPLE TREES - BF** LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	79.2	11.1	180	203	225			
DOUG FIR-L	36.5	11.5	375	424	473			
DOUG FIR-S								
W LARCH	38.6	7.4	269	291	313			
W LARCH-L	23.2	13.3	514	593	671			
W LARCH-S								
LP PINE	31.2	21.6	52	67	81			
P PINE-L								
TOTAL	*81.2*	*7.6*	*212*	*229*	*247*	*264*	*135*	*66*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	**TREES/ACRE** LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	103.0	19.1	54	67	80			
DOUG FIR-L	138.2	25.7	4	5	6			
DOUG FIR-S	227.1	42.2	5	8	12			
W LARCH	143.5	26.7	23	31	39			
W LARCH-L	262.4	48.8	1	2	2			
W LARCH-S	196.1	36.4	7	11	15			
LP PINE	309.1	57.4	3	8	13			
P PINE-L	547.7	101.8		1	2			
TOTAL	*47.8*	*8.9*	*121*	*133*	*145*	*95*	*48*	*24*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	**BASAL AREA/ACRE** LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	88.9	16.5	48	57	67			
DOUG FIR-L	133.7	24.8	9	12	15			
DOUG FIR-S	184.4	34.3	5	8	11			
W LARCH	120.3	22.4	26	34	41			
W LARCH-L	259.3	48.2	2	4	7			
W LARCH-S	203.4	37.8	8	13	19			
LP PINE	305.1	56.7	1	3	5			
P PINE-L	547.7	101.8		1	2			
TOTAL	*29.2*	*5.4*	*126*	*133*	*141*	*35*	*18*	*9*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	35	GOLDEN	00U4	55.08	30	119	S	E

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	94.0	17.5	6,805	8,244	9,684			
DOUG FIR-L	138.7	25.8	1,533	2,065	2,597			
DOUG FIR-S								
W LARCH	126.6	23.5	5,139	6,720	8,301			
W LARCH-L	259.5	48.2	490	946	1,402			
W LARCH-S								
LP PINE	310.7	57.7	226	535	844			
P PINE-L	547.7	101.8		162	328			
TOTAL	*51.7*	*9.6*	*16,880*	*18,673*	*20,466*	*111*	*56*	*28*

CL: 68.1 %	COEFF		V-BAR/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	94.0	17.5	119	144	169			
DOUG FIR-L	138.7	25.8	124	168	211			
DOUG FIR-S								
W LARCH	126.6	23.5	153	200	247			
W LARCH-L	259.5	48.2	109	211	313			
W LARCH-S								
LP PINE	310.7	57.7	67	159	251			
P PINE-L	547.7	101.8		145	293			
TOTAL	*51.7*	*9.6*	*127*	*140*	*154*	*111*	*56*	*28*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	36	GOLDEN	00U5	69.15	37	147	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	37	147	4.0		
CRUISE	36	147	4.1	8,739	1.7
DBH COUNT					
REFOREST COUNT					
BLANKS	1				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	90	86.2	13.2	67	22.5	81.8	12,370	12,092	2,445	2,448
DOUG FIR-L	10	3.2	22.8	78	1.9	9.1	1,689	1,639	310	310
DOUG FIR-S	12	12.5	12.7	42	3.1	10.9				
W LARCH	8	8.0	12.9	91	2.0	7.3	1,397	1,377	258	258
W LARCH-L	5	.7	33.9	135	0.8	4.5	1,383	1,360	215	215
W LARCH-S	3	1.9	16.2	59	0.7	2.7				
P PINE-L	13	5.5	19.9	78	2.6	11.8	1,744	1,683	327	327
E SPRUCE	6	8.5	10.9	71	1.7	5.5	940	940	176	176
TOTAL	*147*	*126.4*	*13.9*	*67*	*35.8*	*133.5*	*19,523*	*19,092*	*3,731*	*3,735*

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	7	10
DOUG FIR	74.3	8.0	214	233	252			
DOUG FIR-L	69.2	24.4	563	746	928			
DOUG FIR-S								
W LARCH	55.0	20.8	178	225	272			
W LARCH-L			3,890	3,890	3,890			
W LARCH-S								
P PINE-L	47.3	13.6	318	368	419			
E SPRUCE	60.3	30.0	140	200	260			
TOTAL	*150.2*	*12.8*	*292*	*335*	*378*	*903*	*461*	*226*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	89.8	14.8	73	86	99			
DOUG FIR-L	203.3	33.4	2	3	4			
DOUG FIR-S	319.1	52.5	6	12	19			
W LARCH	252.5	41.5	5	8	11			
W LARCH-L	386.0	63.5	0	1	1			
W LARCH-S	352.0	57.9	1	2	3			
P PINE-L	217.4	35.7	4	5	7			
E SPRUCE	519.2	85.4	1	8	16			
TOTAL	*68.4*	*11.2*	*112*	*126*	*141*	*187*	*96*	*47*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	64.7	10.6	73	82	90			
DOUG FIR-L	188.0	30.9	6	9	12			
DOUG FIR-S	272.4	44.8	6	11	16			
W LARCH	221.7	36.4	5	7	10			
W LARCH-L	355.8	58.5	2	5	7			
W LARCH-S	341.3	56.1	1	3	4			
P PINE-L	203.7	33.5	8	12	16			
E SPRUCE	514.2	84.5	1	5	10			
TOTAL	*40.9*	*6.7*	*125*	*134*	*143*	*67*	*34*	*17*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	36	GOLDEN	00U5	69.15	37	147	S	E

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	68.6	11.3	10,729	12,092	13,456			
DOUG FIR-L	196.5	32.3	1,109	1,639	2,168			
DOUG FIR-S								
W LARCH	220.1	36.2	879	1,377	1,876			
W LARCH-L	348.8	57.3	580	1,360	2,140			
W LARCH-S								
P PINE-L	199.4	32.8	1,131	1,683	2,235			
E SPRUCE	542.0	89.1	102	940	1,778			
TOTAL	*57.9*	*9.5*	*17,273*	*19,092*	*20,911*	*134*	*69*	*34*

CL: 68.1 %	COEFF		V-BAR/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	68.6	11.3	131	148	165			
DOUG FIR-L	196.5	32.3	122	180	239			
DOUG FIR-S								
W LARCH	220.1	36.2	121	190	258			
W LARCH-L	348.8	57.3	128	300	471			
W LARCH-S								
P PINE-L	199.4	32.8	96	143	189			
E SPRUCE	542.0	89.1	19	172	326			
TOTAL	*57.9*	*9.5*	*129*	*143*	*157*	*134*	*69*	*34*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	35	GOLDEN HALO	00U6	27.19	17	60	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	17	60	3.5		
CRUISE	10	20	2.0	2,724	.7
DBH COUNT					
REFOREST COUNT	6	16	2.7		
BLANKS	1				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	13	79.4	12.3	78	18.6	65.4	8,942	8,885	1,821	1,823
W LARCH	6	18.2	17.7	109	7.4	31.0	7,411	7,139	1,322	1,323
E SPRUCE	1	2.6	10.7	66	0.5	1.6	131	131	35	35
TOTAL	*20*	*100.2*	*13.4*	*83*	*26.8*	*98.0*	*16,484*	*16,155*	*3,178*	*3,181*

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	7	10
DOUG FIR	102.1	29.5	117	165	214			
W LARCH	52.9	23.6	392	513	634			
E SPRUCE								
TOTAL	*97.4*	*22.4*	*205*	*264*	*323*	*400*	*204*	*100*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			79	79	79			
W LARCH	174.1	43.5	10	18	26			
E SPRUCE	412.3	103.1		3	5			
TOTAL			*100*	*100*	*100*			

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			65	65	65			
W LARCH	175.8	43.9	17	31	45			
E SPRUCE	412.3	103.1		2	3			
TOTAL			*98*	*98*	*98*			

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			8,885	8,885	8,885			
W LARCH	179.1	44.8	3,943	7,139	10,335			
E SPRUCE	412.3	103.1		131	266			
TOTAL	*43.7*	*10.9*	*14,389*	*16,155*	*17,922*	*81*	*41*	*20*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			136	136	136			
W LARCH			127	230	333			
E SPRUCE	412.3	103.1		80	163			
TOTAL	*327.2*	*81.8*	*147*	*165*	*183*	*4,550*	*2,322*	*1,138*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
35N	32E	12	GOLDEN	00U7	8.55	4	17	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	4	17	4.3		
CRUISE	4	17	4.3	1,776	1.0
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	14	176.7	11.0	66	35.4	117.6	17,295	14,746	3,349	2,883
W LARCH	1	13.2	10.8	88	2.6	8.4	1,321	1,057	258	207
W LARCH-S	1	15.4	10.0	20	2.7	8.4				
P PINE	1	2.4	25.2	85	1.7	8.4	1,334	900	234	164
TOTAL	*17*	*207.8*	*11.2*	*64*	*42.6*	*142.8*	*19,950*	*16,702*	*3,841*	*3,254*

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	7	10
DOUG FIR	133.8	37.1	107	170	233			
W LARCH								
W LARCH-S								
P PINE								
TOTAL	*130.0*	*32.5*	*112*	*166*	*220*	*718*	*366*	*180*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	49.0	28.0	127	177	226			
W LARCH	200.0	114.4		13	28			
W LARCH-S	200.0	114.4		15	33			
P PINE	200.0	114.4		2	5			
TOTAL	*29.9*	*17.1*	*172*	*208*	*243*	*47*	*24*	*12*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	16.5	9.4	107	118	129			
W LARCH	200.0	114.4		8	18			
W LARCH-S	200.0	114.4		8	18			
P PINE	200.0	114.4		8	18			
TOTAL	*11.8*	*6.7*	*133*	*143*	*152*	*7*	*4*	*2*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	48.9	28.0	10,622	14,746	18,869			
W LARCH	200.0	114.4		1,057	2,265			
W LARCH-S								
P PINE	200.0	114.4		900	1,929			
TOTAL	*35.5*	*20.3*	*13,309*	*16,702*	*20,096*	*66*	*34*	*17*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	48.9	28.0	90	125	160			
W LARCH	200.0	114.4		126	270			
W LARCH-S								
P PINE	200.0	114.4		107	230			
TOTAL	*35.5*	*20.3*	*93*	*117*	*141*	*66*	*34*	*17*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
40N	33E	25	GOLDEN HALO	00U8	154.81	59	239	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	59	239	4.1		
CRUISE	55	234	4.3	15,782	1.5
DBH COUNT					
REFOREST COUNT	1	2	2.0		
BLANKS	3				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	190	85.5	13.2	73	22.4	81.3	11,958	9,619	2,382	1,974
DOUG FIR-S	11	4.8	14.5	57	1.5	5.5				
W LARCH	22	7.2	15.5	87	2.4	9.4	1,645	1,621	311	308
W LARCH-S	8	2.8	16.7	88	1.0	4.3				
E SPRUCE	3	1.7	11.8	53	0.4	1.3	243	186	42	33
TOTAL	*234*	*101.9*	*13.5*	*73*	*27.6*	*101.7*	*13,847*	*11,426*	*2,736*	*2,315*

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	7	10
DOUG FIR	101.8	7.4	178	192	206			
DOUG FIR-S								
W LARCH	58.1	12.7	264	302	340			
W LARCH-S								
E SPRUCE	88.5	61.3	211	544	877			
TOTAL	*106.5*	*7.0*	*178*	*191*	*204*	*454*	*231*	*113*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	101.2	13.2	74	85	97			
DOUG FIR-S	268.2	34.9	3	5	7			
W LARCH	240.8	31.3	5	7	9			
W LARCH-S	261.2	34.0	2	3	4			
E SPRUCE	731.5	95.2	0	2	3			
TOTAL	*80.1*	*10.4*	*91*	*102*	*113*	*256*	*131*	*64*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	79.6	10.4	73	81	90			
DOUG FIR-S	239.4	31.2	4	6	7			
W LARCH	185.7	24.2	7	9	12			
W LARCH-S	248.7	32.4	3	4	6			
E SPRUCE	568.6	74.0	0	1	2			
TOTAL	*56.0*	*7.3*	*94*	*102*	*109*	*126*	*64*	*31*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	81.4	10.6	8,599	9,619	10,639			
DOUG FIR-S								
W LARCH	185.5	24.2	1,230	1,621	2,013			
W LARCH-S								
E SPRUCE	591.1	76.9	43	186	329			
TOTAL	*64.5*	*8.4*	*10,466*	*11,426*	*12,386*	*167*	*85*	*42*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	81.3	10.6	106	118	131			

TC TSTATS

STATISTICS

PROJECT GOLDHALO

PAGE 2
DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
40N	**33E**	**25**	**GOLDEN HALO**	**00U8**	154.81	59	239	S	E

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR-S								
W LARCH	185.5	24.2	131	173	215			
W LARCH-S								
E SPRUCE	591.1	76.9	34	146	258			
TOTAL	*65.5*	*8.5*	*103*	*112*	*122*	*172*	*88*	*43*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
38N	31E	24	GOLDEN HALO	00U9	29.56	24	53	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	24	53	2.2		
CRUISE	10	13	1.3	2,631	.5
DBH COUNT					
REFOREST COUNT	13	30	2.3		
BLANKS	1				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	8	62.3	11.5	67	13.3	45.1	5,433	5,433	1,137	1,137
W LARCH	5	26.7	10.5	72	5.0	16.2	2,183	1,844	420	357
TOTAL	*13*	*89.0*	*11.2*	*68*	*18.3*	*61.3*	*7,616*	*7,278*	*1,557*	*1,494*

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	7	10
DOUG FIR	47.4	17.9	84	103	121			
W LARCH	43.4	21.6	53	68	83			
TOTAL	*49.8*	*14.4*	*76*	*89*	*102*	*107*	*55*	*27*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	71.0	14.8	53	62	71			
W LARCH	114.5	23.9	20	27	33			
TOTAL	*45.1*	*9.4*	*81*	*89*	*97*	*85*	*43*	*21*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	69.8	14.6	39	45	52			
W LARCH	112.1	23.4	12	16	20			
TOTAL	*46.2*	*9.6*	*55*	*61*	*67*	*89*	*45*	*22*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	69.9	14.6	4,642	5,433	6,225			
W LARCH	117.9	24.6	1,391	1,844	2,298			
TOTAL	*46.5*	*9.7*	*6,572*	*7,278*	*7,983*	*90*	*46*	*23*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			103	120	138			
W LARCH			86	114	142			
TOTAL	*449.2*	*93.7*	*107*	*119*	*130*	*8,421*	*4,296*	*2,105*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
38N	31E	23	GOLDEN HALO	0U10	43.36	32	74	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	32	74	2.3		
CRUISE	13	20	1.5	4,794	.4
DBH COUNT					
REFOREST COUNT	16	32	2.0		
BLANKS	3				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	14	91.3	9.8	65	15.3	47.7	5,569	5,569	1,126	1,126
W LARCH	4	14.1	12.6	71	3.4	12.2	1,597	1,184	320	261
LP PINE	1	2.2	14.9	88	0.7	2.6	452	366	96	96
E SPRUCE	1	3.1	10.2	41	0.5	1.7	122	122	30	30
TOTAL	*20*	*110.6*	*10.3*	*65*	*20.0*	*64.2*	*7,741*	*7,241*	*1,571*	*1,513*

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	7	10
DOUG FIR	61.5	17.0	63	76	89			
W LARCH	91.3	52.2	63	133	202			
LP PINE								
E SPRUCE								
TOTAL	*76.9*	*17.6*	*74*	*90*	*106*	*249*	*127*	*62*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	50.9	9.0	83	91	99			
W LARCH	165.7	29.3	10	14	18			
LP PINE	315.9	55.8	1	2	3			
E SPRUCE	393.5	69.6	1	3	5			
TOTAL	*36.8*	*6.5*	*103*	*111*	*118*	*54*	*28*	*14*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	49.5	8.8	44	48	52			
W LARCH	152.9	27.0	9	12	15			
LP PINE	315.9	55.8	1	3	4			
E SPRUCE	393.5	69.6	1	2	3			
TOTAL	*25.6*	*4.5*	*61*	*64*	*67*	*26*	*13*	*7*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	49.8	8.8	5,079	5,569	6,060			
W LARCH	156.9	27.7	856	1,184	1,512			
LP PINE	315.9	55.8	161	366	570			
E SPRUCE	393.5	69.6	37	122	208			
TOTAL	*29.6*	*5.2*	*6,862*	*7,241*	*7,620*	*35*	*18*	*9*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			106	117	127			
W LARCH			70	97	124			
LP PINE	162.4	28.7	62	140	219			
E SPRUCE	268.8	47.5	21	70	120			
TOTAL	*381.9*	*67.5*	*107*	*113*	*119*	*5,835*	*2,977*	*1,459*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	35	GOLDEN HALO	RW11	4.58	9	31	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	9	31	3.4		
CRUISE	9	31	3.4	364	8.5
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	25	75.1	13.5	56	20.2	74.3	9,209	8,662	2,085	2,085
W LARCH	6	4.4	17.4	89	1.8	7.4	1,188	1,147	249	249
TOTAL	*31*	*79.5*	*13.7*	*58*	*22.0*	*81.6*	*10,397*	*9,809*	*2,334*	*2,334*

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	7	10
DOUG FIR	114.0	23.3	175	228	281			
W LARCH	47.3	21.1	170	215	260			
TOTAL	*104.8*	*18.8*	*183*	*225*	*268*	*439*	*224*	*110*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	68.3	24.1	57	75	93			
W LARCH	160.2	56.6	2	4	7			
TOTAL	*65.7*	*23.2*	*61*	*80*	*98*	*194*	*99*	*48*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	52.4	18.5	61	74	88			
W LARCH	164.0	57.9	3	7	12			
TOTAL	*45.8*	*16.2*	*68*	*82*	*95*	*94*	*48*	*24*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	81.6	28.8	6,165	8,662	11,159			
W LARCH	169.1	59.7	462	1,147	1,832			
TOTAL	*71.3*	*25.2*	*7,340*	*9,809*	*12,278*	*228*	*116*	*57*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	70.0	24.7	83	117	150			
W LARCH	230.4	81.4	63	155	248			
TOTAL	*78.4*	*27.7*	*90*	*120*	*150*	*276*	*141*	*69*

TC TSTATS

STATISTICS

PROJECT GOLDHALO

DATE 11/10/2014

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
36N	32E	35	GOLDEN HALO	RW12	1.02	1	5	S	E

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	1	5	5.0		
CRUISE	1	5	5.0	5	100.0
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
W LARCH	4	3.9	15.9	76	1.4	5.4	765	725	166	166
DOUG FIR	1	1.0	12.2	61	0.2	.8	78	78	19	19
TOTAL	*5*	*4.9*	*15.2*	*73*	*1.6*	*6.2*	*843*	*804*	*185*	*185*

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	7	10
W LARCH	63.1	36.1	118	185	252			
DOUG FIR								
TOTAL	*68.0*	*33.8*	*109*	*164*	*219*	*229*	*117*	*57*

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T35N R32E S12 T00U1

T35N R32E S12 T00U1

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
35N	32E	12	GOLDEN	00U1	27.46	18	68

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		7	3	74	46	19.295	5.60	38.59	2.5	13.2	2.73	96	511	75	26	14
DF		8	3	77	44	17.040	5.60	28.59	3.2	16.0	2.69	92	456	74	25	13
DF		9	2	76	58	8.657	3.73	21.84	3.4	11.9	2.14	75	260	59	21	7
DF		10	3	82	73	10.427	5.60	34.64	4.2	21.0	4.12	146	726	113	40	20
DF		11	3	81	68	8.469	5.60	24.94	5.7	25.5	4.06	142	637	111	39	17
DF		12	5	81	70	12.015	9.34	38.43	5.9	24.9	6.46	227	958	177	62	26
DF		13	4	84	84	8.340	7.47	33.36	6.9	34.2	6.58	231	1,140	181	63	31
DF		14	4	82	84	7.121	7.47	30.31	7.5	37.0	6.47	227	1,121	178	62	31
DF		15	5	85	83	7.640	9.34	30.68	9.3	44.9	8.18	287	1,377	225	79	38
DF		16	4	85	83	5.438	7.47	23.06	10.1	50.0	6.64	233	1,152	182	64	32
DF		17	5	83	83	5.988	9.34	24.02	11.7	55.1	7.98	281	1,325	219	77	36
DF		18	4	80	93	4.397	7.47	18.68	12.4	59.4	6.58	231	1,110	181	63	30
DF		19	1	82	97	.969	1.87	4.84	12.9	64.0	1.79	63	310	49	17	9
DF		20	2	85	94	1.713	3.73	8.56	15.4	76.2	3.73	132	652	103	36	18
DF		23	2	85	100	1.300	3.73	6.51	20.5	113.0	3.79	133	735	104	37	20
DF		Totals	50	80	67	118.808	93.36	367.04	7.1	34.0	73.93	2,595	12,469	2,030	713	342
DF	L	18	1	82	93	1.118	1.87	5.59	11.0	56.0	1.75	61	313	48	17	9
DF	L	22	1	80	86	.741	1.87	3.70	15.1	76.0	1.59	56	281	44	15	8
DF	L	23	1	82	102	.676	1.87	3.38	18.7	96.0	1.80	63	325	49	17	9
DF	L	24	2	80	83	1.194	3.73	4.75	24.2	122.0	3.26	115	580	90	32	16
DF	L	25	2	81	96	1.096	3.73	5.45	22.5	118.9	3.51	123	648	96	34	18
DF	L	28	1	87	107	.434	1.87	2.60	27.6	161.7	2.05	72	421	56	20	12
DF	L	31	1	84	103	.356	1.87	1.78	38.0	226.0	1.93	68	403	53	19	11
DF		Totals	9	82	93	5.615	16.81	27.26	20.4	108.9	15.88	557	2,970	436	153	82
WL		8	1	87	74	5.349	1.87	16.05	2.9	16.7	1.13	47	267	31	13	7
WL		9	1	94	72	4.629	1.87	13.89	3.7	20.0	1.22	51	278	33	14	8
WL		Totals	2	90	73	9.978	3.73	29.93	3.3	18.2	2.35	98	545	65	27	15
PP	L	27	1	88	114	.459	1.87	2.30	28.2	174.0	1.56	65	400	43	18	11
PP		Totals	1	88	114	.459	1.87	2.30	28.2	174.0	1.56	65	400	43	18	11
DF	S	12	1	82	30	2.377	1.87									
DF	S	14	1	83	20	1.747	1.87									
DF	S	15	1	82	60	1.522	1.87									
DF	S	22	1	82	30	.707	1.87									
DF		Totals	4	82	34	6.353	7.47									
WL	S	15	1	87	90	1.522	1.87									
WL	S	25	1	86	110	.548	1.87									
WL		Totals	2	87	95	2.069	3.73									
Totals			68	81	68	143.282	126.97	426.53	7.8	38.4	93.72	3315	16,384	2,573	910	450

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T35N R32E S01 T00U2

T35N R32E S01 T00U2

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
35N	32E	01	GOLDEN	00U2	80.74	45	188

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		7	1	82	51	1.616	.44	3.23	2.5	15.0	.23	8	48	19	7	4
DF		8	3	82	60	3.790	1.33	8.89	3.3	15.7	.84	29	140	68	24	11
DF		9	1	77	58	.942	.44	2.83	3.8	20.0	.30	11	57	24	9	5
DF		10	3	83	67	2.440	1.33	7.32	4.5	20.0	.94	33	146	76	27	12
DF		11	3	78	61	1.973	1.33	5.22	5.5	23.8	.82	29	124	66	23	10
DF		12	9	81	74	5.089	4.00	18.17	5.9	25.0	3.07	108	454	248	87	37
DF		13	6	82	87	2.840	2.67	10.84	7.3	36.4	2.26	79	394	182	64	32
DF		14	8	79	76	3.396	3.56	13.16	7.3	31.9	2.72	95	420	220	77	34
DF		15	5	79	85	1.847	2.22	7.75	8.5	39.0	1.87	66	302	151	53	24
DF		16	6	84	84	1.951	2.67	8.43	10.0	47.3	2.39	84	398	193	68	32
DF		17	6	82	89	1.720	2.67	8.00	10.6	51.0	2.41	84	408	194	68	33
DF		18	10	82	84	2.562	4.44	10.49	12.7	59.4	3.78	133	623	305	107	50
DF		19	4	81	95	.899	1.78	4.27	13.4	65.8	1.64	57	281	132	46	23
DF		20	4	83	97	.821	1.78	3.89	15.3	79.6	1.69	59	310	137	48	25
DF		21	4	81	106	.729	1.78	3.83	16.4	87.8	1.79	63	336	145	51	27
DF		22	3	87	104	.513	1.33	2.74	18.6	102.0	1.45	51	279	117	41	23
DF		23	2	83	122	.322	.89	2.09	17.5	95.4	1.04	37	200	84	30	16
DF		24	2	85	128	.281	.89	1.82	20.7	115.4	1.08	38	210	87	31	17
DF		25	2	84	92	.269	.89	1.21	24.0	128.9	.83	29	156	67	23	13
DF		Totals	82	81	77	33.999	36.44	124.18	8.8	42.6	31.14	1,093	5,287	2,514	883	427
DF	L	18	1	81	70	.252	.44	1.01	12.0	50.0	.34	12	50	27	10	4
DF	L	23	3	83	114	.470	1.33	2.51	19.8	107.4	1.42	50	270	115	40	22
DF	L	24	7	84	104	.981	3.11	5.19	22.0	124.1	3.26	114	644	263	92	52
DF	L	25	4	81	125	.522	1.78	3.12	22.5	127.9	2.00	70	400	161	57	32
DF	L	26	6	79	127	.738	2.67	4.05	25.2	144.6	2.91	102	586	235	83	47
DF	L	27	2	81	100	.225	.89	1.02	28.9	164.1	.84	29	167	68	24	13
DF	L	28	5	84	126	.517	2.22	3.00	31.1	192.4	2.66	93	578	215	75	47
DF	L	29	1	88	121	.098	.44	.59	33.4	211.7	.56	20	124	45	16	10
DF	L	30	2	84	117	.181	.89	1.00	34.9	215.6	.99	35	215	80	28	17
DF	L	31	2	93	103	.172	.89	.86	42.4	284.3	1.04	36	244	84	29	20
DF	L	32	1	90	108	.079	.44	.40	45.2	302.0	.51	18	119	41	14	10
DF	L	33	1	89	112	.073	.44	.44	43.4	291.7	.54	19	128	44	15	10
DF	L	34	1	78	115	.069	.44	.35	44.1	250.0	.44	15	87	35	12	7
DF	L	35	1	94	141	.066	.44	.39	60.0	443.3	.67	24	175	54	19	14
DF		Totals	37	83	114	4.443	16.44	23.92	26.7	158.3	18.18	638	3,787	1,468	515	306
WL		8	1	85	60	1.183	.44	2.37	3.5	20.0	.20	8	47	16	7	4
WL		12	2	85	91	1.211	.89	5.45	5.3	26.7	.69	29	145	56	23	12
WL		14	1	92	98	.398	.44	1.99	8.6	46.0	.41	17	92	33	14	7
WL		15	4	86	96	1.474	1.78	6.64	9.0	46.7	1.44	60	310	117	48	25
WL		16	1	94	89	.339	.44	1.36	11.3	62.5	.37	15	85	30	12	7
WL		17	2	90	105	.557	.89	3.07	11.2	61.8	.83	34	189	67	28	15
WL		19	2	90	114	.442	.89	2.43	14.8	83.7	.86	36	203	70	29	16
WL		20	1	85	106	.206	.44	1.03	15.5	84.0	.38	16	86	31	13	7
WL		21	2	81	114	.384	.89	2.30	14.0	72.5	.77	32	167	62	26	13
WL		22	1	93	127	.173	.44	1.21	17.5	105.7	.51	21	128	41	17	10
WL		24	1	95	130	.140	.44	.98	22.7	145.7	.53	22	143	43	18	12
WL		27	1	87	155	.109	.44	.76	28.6	172.9	.52	22	131	42	18	11
WL		29	1	88	123	.100	.44	.50	36.0	236.0	.43	18	118	35	15	10
WL		41	1	92	128	.049	.44	.29	70.9	485.0	.50	21	142	40	17	12
WL		Totals	21	87	95	6.766	9.33	30.38	11.6	65.5	8.46	352	1,988	683	284	161

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T35N R32E S01 T00U2

T35N R32E S01 T00U2

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
35N	32E	01	GOLDEN	00U2	80.74	45	188

Date: 11/10/201
Time: 9:22:57AM

Spc	ST	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
PP	L	16	1	85	69	.339	.44	1.02	10.0	43.3	.24	10	44	20	8	4
PP	L	17	1	90	85	.299	.44	1.20	10.8	57.5	.31	13	69	25	10	6
PP	L	18	1	80	90	.260	.44	.78	13.2	53.3	.25	10	42	20	8	3
PP	L	21	1	90	86	.185	.44	.74	17.7	97.5	.31	13	72	25	11	6
PP	L	23	1	93	117	.160	.44	.80	21.3	130.0	.41	17	104	33	14	8
PP	L	25	1	95	114	.130	.44	.65	26.5	172.0	.41	17	112	33	14	9
PP	L	26	3	88	111	.360	1.33	1.92	24.6	146.8	1.13	47	282	92	38	23
PP		Totals	9	88	93	1.733	4.00	7.10	18.0	102.0	3.07	128	724	248	103	58
WL	L	27	1	87	155	.109	.44	.76	28.6	172.9	.52	22	131	42	18	11
WL		Totals	1	87	155	.109	.44	.76	28.6	172.9	0.52	22	131	42	18	11
DF	S	10	2	83	30	1.686	.92									
DF	S	11	1	83	25	.697	.46									
DF	S	12	6	82	41	3.512	2.76									
DF	S	13	1	83	25	.499	.46									
DF	S	15	3	83	47	1.124	1.38									
DF	S	18	1	82	40	.260	.46									
DF	S	20	1	83	75	.211	.46									
DF	S	21	1	82	53	.191	.46									
DF	S	22	2	83	88	.348	.92									
DF	S	23	1	82	90	.159	.46									
DF	S	24	1	82	125	.146	.46									
DF	S	25	5	82	64	.674	2.30									
DF	S	26	1	83	171	.125	.46									
DF	S	28	1	83	178	.108	.46									
DF	S	30	1	83	120	.094	.46									
DF	S	32	1	82	120	.082	.46									
DF		Totals	29	82	48	9.916	13.33									
PP	S	15	1	86	35	.362	.44									
PP		Totals	1	86	35	.362	.44									
WL	S	12	2	86	58	1.132	.89									
WL	S	15	2	87	48	.724	.89									
WL	S	17	1	86	100	.282	.44									
WL	S	20	1	87	100	.204	.44									
WL	S	22	1	86	20	.168	.44									
WL		Totals	7	86	60	2.510	3.11									
Totals			187	83	77	59.839	83.56	186.34	12.0	64.0	61.37	2233	11,918	4,955	1,803	962

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T36N R32E S36 T00U3

T36N R32E S36 T00U3

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
36N	32E	36	GOLDEN	00U3	41.87	21	101

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		7	1	83	50	3.464	.95	6.93	2.6	15.0	.52	18	104	22	8	4
DF		8	3	82	58	8.217	2.86	19.03	3.5	18.4	1.88	66	350	79	28	15
DF		9	12	83	64	26.291	11.43	72.58	3.8	19.7	7.75	273	1,429	325	114	60
DF		10	7	82	65	11.831	6.67	33.75	4.9	23.0	4.75	165	778	199	69	33
DF		11	8	81	69	11.357	7.62	36.86	5.3	26.0	5.54	194	960	232	81	40
DF		12	9	84	67	10.890	8.57	36.25	6.2	28.6	6.40	224	1,038	268	94	43
DF		13	3	87	78	3.118	2.86	12.47	7.1	36.6	2.53	89	456	106	37	19
DF		14	6	83	77	5.402	5.71	21.61	7.5	35.7	4.63	162	771	194	68	32
DF		15	3	88	85	2.309	2.86	10.02	9.5	47.7	2.71	95	478	113	40	20
DF		16	5	81	87	3.361	4.76	14.11	10.2	47.1	4.12	145	665	172	61	28
DF		17	3	81	90	1.814	2.86	8.48	10.6	50.6	2.55	90	429	107	38	18
DF		18	1	74	60	.551	.95	1.65	12.1	40.0	.57	20	66	24	8	3
DF		19	3	87	91	1.504	2.86	6.52	15.0	81.4	2.79	98	531	117	41	22
DF		Totals	64	83	68	90.108	60.95	280.26	5.9	28.7	46.73	1,640	8,056	1,956	687	337
DF	L	20	3	88	99	1.341	2.86	6.70	15.6	84.7	2.98	104	568	125	44	24
DF	L	22	2	75	80	.735	1.90	3.31	15.8	65.6	1.48	52	217	62	22	9
DF	L	23	3	86	111	.996	2.86	5.32	20.9	119.9	3.16	111	638	132	46	27
DF	L	24	2	81	107	.617	1.90	3.39	19.9	92.5	1.93	68	314	81	28	13
DF	L	25	1	74	87	.284	.95	1.42	19.0	88.0	.77	27	125	32	11	5
DF	L	27	1	82	108	.238	.95	1.19	29.1	172.0	.99	35	204	41	14	9
DF	L	33	1	87	114	.163	.95	.82	45.6	302.0	1.06	37	247	44	16	10
DF	L	38	1	81	119	.122	.95	.73	50.3	326.7	1.05	37	240	44	15	10
DF		Totals	14	83	100	4.496	13.33	22.88	20.6	111.5	13.42	471	2,552	562	197	107
WL		8	1	85	58	2.945	.95	5.89	3.2	20.0	.45	19	118	19	8	5
WL		16	1	86	103	.682	.95	3.41	9.9	48.0	.81	34	164	34	14	7
WL		17	1	84	112	.590	.95	3.54	10.2	53.3	.87	36	189	36	15	8
WL		22	1	94	108	.351	.95	2.11	19.3	115.0	.98	41	242	41	17	10
WL		24	1	90	103	.311	.95	1.87	19.3	113.3	.86	36	211	36	15	9
WL		26	2	92	114	.527	1.90	2.90	28.1	176.4	1.95	81	511	82	34	21
WL		Totals	7	87	81	5.406	6.67	19.71	12.5	72.8	5.93	247	1,435	248	103	60
PP	L	16	1	94	94	.665	.95	2.66	11.3	62.5	.72	30	166	30	13	7
PP	L	26	1	90	110	.251	.95	1.25	27.1	138.0	.82	34	173	34	14	7
PP	L	30	1	88	151	.189	.95	1.32	32.0	207.1	1.01	42	274	42	18	11
PP	L	31	1	94	117	.179	.95	.90	41.4	288.0	.89	37	258	37	16	11
PP	L	32	1	92	120	.171	.95	.85	42.6	292.0	.87	36	249	36	15	10
PP	L	45	1	92	138	.087	.95	.52	79.0	561.7	.99	41	293	41	17	12
PP		Totals	6	92	112	1.542	5.71	7.51	29.4	188.3	5.30	221	1,414	222	93	59
WL	L	25	1	94	119	.271	.95	1.35	30.1	202.0	.98	41	273	41	17	11
WL		Totals	1	94	119	.271	.95	1.35	30.1	202.0	0.98	41	273	41	17	11
DF	S	19	1	83	90	.484	.95									
DF	S	20	1	82	40	.437	.95									
DF		Totals	2	83	66	.920	1.90									
PP	S	15	2	86	70	1.552	1.90									
PP	S	20	1	85	70	.437	.95									
PP	S	22	1	86	40	.361	.95									
PP	S	23	1	85	30	.330	.95									
PP	S	25	1	85	90	.279	.95									

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T36N R32E S36 T00U3

T36N R32E S36 T00U3

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
36N	32E	36	GOLDEN	00U3	41.87	21	101

Page: 2
Date: 11/10/201
Time: 9:22:57AM

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
PP		Totals	6	86	64	2.959	5.71									
WL	S	20	1	86	30	.437	.95									
WL		Totals	1	86	30	.437	.95									
Totals			101	83	70	106.138	96.19	331.71	7.9	41.4	72.35	2619	13,730	3,029	1,097	575

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T36N R32E S35 T00U4

T36N R32E S35 T00U4

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
36N	32E	35	GOLDEN	00U4	55.08	30	119

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		8	3	79	38	9.737	3.36	16.67	3.1	13.8	1.53	52	229	85	28	13
DF		9	6	82	57	16.046	6.72	40.06	3.7	20.0	4.23	148	801	233	82	44
DF		10	3	78	64	6.049	3.36	17.99	4.4	22.3	2.20	78	401	121	43	22
DF		11	4	84	60	6.875	4.48	20.34	5.2	22.5	2.98	105	458	164	58	25
DF		12	4	84	71	5.685	4.48	21.29	5.7	25.4	3.45	122	540	190	67	30
DF		13	3	84	72	3.944	3.36	15.78	5.9	26.7	2.67	94	421	147	52	23
DF		14	3	85	77	3.162	3.36	13.73	7.4	35.2	2.88	101	483	159	56	27
DF		16	6	84	93	4.761	6.72	23.90	9.4	46.5	6.38	224	1,112	352	124	61
DF		17	7	84	91	4.989	7.84	23.49	11.1	55.4	7.41	260	1,301	408	143	72
DF		18	2	81	108	1.268	2.24	6.97	11.7	56.4	2.31	81	393	127	45	22
DF		19	3	85	104	1.750	3.36	8.73	13.8	72.7	3.44	121	635	189	66	35
DF		20	1	81	78	.514	1.12	2.05	15.3	77.5	.90	32	159	50	17	9
DF		21	3	85	100	1.443	3.36	7.69	15.7	80.6	3.44	121	620	190	66	34
DF		22	1	82	102	.409	1.12	2.05	18.6	100.0	1.09	38	205	60	21	11
DF		23	1	84	114	.406	1.12	2.43	18.6	103.3	1.29	45	252	71	25	14
DF		25	1	82	110	.339	1.12	2.04	20.7	115.0	1.20	42	234	66	23	13
DF		Totals	51	82	67	67.377	57.14	225.20	7.4	36.6	47.42	1,664	8,244	2,612	917	454
WL		9	1	88	79	2.843	1.12	11.37	3.0	17.5	.81	34	199	45	19	11
WL		10	1	89	97	2.229	1.12	11.14	3.7	20.0	.98	41	223	54	22	12
WL		11	1	90	82	1.729	1.12	6.92	5.2	25.0	.87	36	173	48	20	10
WL		12	3	83	105	4.328	3.36	23.12	4.9	23.8	2.72	114	549	150	63	30
WL		13	5	88	99	6.128	5.60	32.85	6.4	34.0	5.01	209	1,117	276	115	62
WL		14	1	83	101	1.079	1.12	5.39	6.8	32.0	.87	36	173	48	20	10
WL		15	1	75	100	.877	1.12	4.39	7.3	32.0	.77	32	140	42	18	8
WL		16	2	87	108	1.615	2.24	8.90	9.3	49.0	1.97	82	436	108	45	24
WL		17	8	85	120	5.727	8.96	37.19	9.8	51.7	8.72	363	1,922	480	200	106
WL		18	4	85	121	2.565	4.48	16.66	11.0	58.9	4.38	183	980	241	101	54
WL		19	1	83	138	.594	1.12	4.16	11.8	62.9	1.19	49	261	65	27	14
WL		20	2	88	130	1.034	2.24	6.20	15.9	88.1	2.36	98	547	130	54	30
WL		Totals	30	86	105	30.748	33.61	168.28	7.6	39.9	30.63	1,277	6,720	1,687	703	370
DF	L	19	4	84	101	2.308	4.48	12.66	12.7	65.3	4.59	161	828	253	89	46
DF	L	21	2	80	86	.936	2.24	4.21	15.5	72.3	1.87	66	305	103	36	17
DF	L	22	2	79	101	.849	2.24	4.67	16.1	80.9	2.14	75	378	118	41	21
DF	L	24	2	72	102	.713	2.24	3.57	18.8	87.5	1.90	67	312	105	37	17
DF	L	26	1	78	129	.304	1.12	2.13	20.7	114.3	1.25	44	243	69	24	13
DF		Totals	11	80	100	5.110	12.32	27.24	15.2	75.8	11.76	413	2,065	648	227	114
WL	L	21	1	78	134	.484	1.12	2.90	15.0	78.3	1.05	44	228	58	24	13
WL	L	22	2	84	120	.841	2.24	5.46	16.0	85.4	2.10	88	467	116	48	26
WL	L	25	1	82	133	.318	1.12	2.23	20.9	112.9	1.12	47	252	62	26	14
WL		Totals	4	82	127	1.644	4.48	10.60	16.8	89.3	4.26	178	946	235	98	52
LP		8	1	90	57	3.291	1.12	9.87	3.2	20.0	.75	31	197	41	17	11
LP		9	1	85	51	2.652	1.12	5.30	4.6	25.0	.57	24	133	31	13	7
LP		10	1	87	79	2.276	1.12	9.10	4.2	22.5	.92	38	205	51	21	11
LP		Totals	3	88	61	8.220	3.36	24.28	3.9	22.0	2.24	94	535	123	52	29
PP	L	16	1	88	93	.855	1.12	3.42	9.3	47.5	.76	32	162	42	17	9
PP		Totals	1	88	93	.855	1.12	3.42	9.3	47.5	0.76	32	162	42	17	9
DF	S	9	1	82	50	4.975	1.96									
DF	S	16	1	83	30	1.404	1.96									

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T36N R32E S35 T00U4

T36N R32E S35 T00U4

Date: 11/10/201

Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
36N	32E	35	GOLDEN	00U4	55.08	30	119

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF	S	17	1	82	45	1.244	1.96									
DF	S	25	1	82	100	.599	1.96									
DF		Totals	4	82	49	8.222	7.84									
WL	S	10	1	87	32	2.241	1.22									
WL	S	11	1	87	86	1.852	1.22									
WL	S	15	2	86	96	1.992	2.44									
WL	S	16	1	86	100	.875	1.22									
WL	S	17	2	87	76	1.598	2.44									
WL	S	19	2	86	115	1.275	2.44									
WL	S	20	1	87	118	.560	1.22									
WL	S	22	1	87	123	.463	1.22									
WL		Totals	11	87	83	10.857	13.44									
Totals			115	84	78	133.032	133.32	459.02	8.0	40.7	97.08	3657	18,673	5,347	2,014	1,029

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T36N R32E S36 T00U5

T36N R32E S36 T00U5

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
36N	32E	36	GOLDEN	00U5	69.15	37	147

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		8	7	85	50	18.565	6.36	42.70	3.1	16.7	3.74	132	711	259	92	49
DF		9	4	84	58	8.960	3.63	26.88	3.3	14.9	2.54	89	400	176	61	28
DF		10	3	84	66	4.872	2.73	14.62	4.7	21.1	1.95	68	308	135	47	21
DF		11	5	84	66	6.730	4.54	21.47	5.5	24.9	3.35	118	534	231	81	37
DF		12	6	84	65	7.192	5.45	25.09	5.6	25.3	3.99	141	634	276	97	44
DF		13	12	82	75	12.073	10.90	45.35	6.6	31.0	8.57	301	1,407	592	208	97
DF		14	5	83	78	4.230	4.54	18.64	6.9	31.8	3.66	129	592	253	89	41
DF		15	2	86	93	1.523	1.82	7.55	8.2	41.1	1.77	62	311	122	43	21
DF		16	5	84	86	3.364	4.54	14.79	9.8	47.2	4.12	144	698	285	100	48
DF		17	7	85	89	4.077	6.36	18.59	11.4	55.9	6.02	211	1,039	416	146	72
DF		18	8	83	88	4.133	7.27	18.64	12.3	58.7	6.51	229	1,094	450	158	76
DF		19	6	85	88	2.849	5.45	12.86	13.9	72.5	5.10	179	932	353	124	64
DF		20	9	85	89	3.745	8.18	18.26	14.9	77.8	7.76	272	1,420	537	188	98
DF		21	5	85	94	1.952	4.54	9.74	16.3	84.1	4.52	159	819	313	110	57
DF		22	3	83	109	1.032	2.73	6.19	16.4	87.7	2.90	102	543	200	70	38
DF		24	3	88	111	.890	2.73	5.06	22.1	128.4	3.19	112	650	221	77	45
DF		Totals	90	84	70	86.187	81.75	306.44	8.0	39.5	69.68	2,448	12,092	4,818	1,693	836
PP	L	15	2	88	78	1.494	1.82	4.48	9.9	49.8	1.06	44	223	73	31	15
PP	L	17	2	81	85	1.175	1.82	4.14	11.0	53.8	1.10	46	223	76	32	15
PP	L	21	2	80	86	.766	1.82	3.07	15.2	76.1	1.12	47	233	77	32	16
PP	L	22	1	90	93	.335	.91	1.34	19.6	105.0	.63	26	141	44	18	10
PP	L	23	1	96	103	.307	.91	1.53	21.6	130.0	.79	33	199	55	23	14
PP	L	24	3	81	104	.900	2.73	4.20	19.6	102.1	1.98	82	428	137	57	30
PP	L	26	1	80	72	.246	.91	.74	26.4	126.7	.47	20	94	33	13	6
PP	L	27	1	87	99	.228	.91	1.14	25.5	124.0	.70	29	142	48	20	10
PP		Totals	13	84	88	5.452	11.81	20.64	15.8	81.6	7.84	327	1,683	542	226	116
DF	L	17	1	82	87	.570	.91	2.85	9.6	44.0	.78	27	125	54	19	9
DF	L	18	1	84	94	.544	.91	2.72	11.8	58.0	.91	32	158	63	22	11
DF	L	19	1	87	89	.452	.91	2.26	13.9	70.0	.89	31	158	61	22	11
DF	L	23	1	87	99	.309	.91	1.55	21.8	114.0	.96	34	176	66	23	12
DF	L	24	2	85	87	.564	1.82	2.82	21.3	112.0	1.71	60	316	118	42	22
DF	L	25	1	80	95	.277	.91	1.39	20.8	112.0	.82	29	155	57	20	11
DF	L	30	2	72	103	.370	1.82	2.03	30.1	156.5	1.74	61	317	120	42	22
DF	L	37	1	84	111	.124	.91	.75	48.2	311.7	1.02	36	232	71	25	16
DF		Totals	10	83	93	3.211	9.08	16.36	19.0	100.2	8.84	310	1,639	611	215	113
WL		9	1	90	78	2.151	.91	8.60	3.1	20.0	.65	27	172	45	19	12
WL		11	1	88	86	1.376	.91	5.51	5.4	25.0	.72	30	138	50	21	10
WL		13	2	87	94	2.099	1.82	8.39	7.1	37.5	1.43	60	315	99	41	22
WL		15	1	88	112	.721	.91	4.33	8.5	45.0	.88	37	195	61	25	13
WL		16	1	94	111	.676	.91	4.05	9.7	55.0	.95	40	223	66	27	15
WL		19	2	87	96	.938	1.82	5.14	12.7	65.2	1.56	65	335	108	45	23
WL		Totals	8	89	91	7.961	7.27	36.03	7.2	38.2	6.19	258	1,377	428	178	95
WL	L	28	2	77	178	.413	1.82	3.30	26.2	158.7	2.08	87	524	144	60	36
WL	L	32	1	88	168	.168	.91	1.34	36.7	241.2	1.18	49	324	82	34	22
WL	L	48	2	77	158	.142	1.82	1.14	69.8	450.0	1.90	79	512	132	55	35
WL		Totals	5	80	172	.723	4.54	5.78	37.2	235.2	5.16	215	1,360	357	149	94
ES		8	1	90	65	2.418	.91	7.25	3.7	20.0	.70	27	145	48	19	10
ES		10	2	84	78	3.691	1.82	14.76	4.2	22.5	1.60	62	332	111	43	23

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T36N R32E S36 T00U5

T36N R32E S36 T00U5

Date: **11/10/201**

Time: **9:22:57AM**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
36N	32E	36	GOLDEN	00U5	69.15	37	147

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
ES		11	1	85	58	1.328	.91	3.98	5.7	26.7	.59	23	106	41	16	7
ES		18	2	87	93	1.047	1.82	4.19	15.6	85.2	1.70	65	357	117	45	25
ES		Totals	6	86	73	8.483	5.45	30.19	5.8	31.1	4.59	176	940	317	122	65
DF	S	10	3	83	30	4.996	2.73									
DF	S	11	1	82	60	1.376	.91									
DF	S	12	2	82	43	2.313	1.82									
DF	S	14	2	82	23	1.699	1.82									
DF	S	15	1	83	80	.740	.91									
DF	S	18	1	83	80	.514	.91									
DF	S	20	2	82	55	.833	1.82									
DF		Totals	12	83	42	12.473	10.90									
WL	S	15	2	86	50	1.480	1.82									
WL	S	20	1	87	90	.416	.91									
WL		Totals	3	86	59	1.897	2.73									
Totals			147	84	71	126.385	133.53	415.42	9.0	46.0	102.30	3735	19,092	7,074	2,583	1,320

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T36N R32E S35 T00U6

T36N R32E S35 T00U6

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
36N	32E	35	GOLDEN HALO	00U6	27.19	17	20

Spc	ST	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		9	1	82	81	11.381	5.03	34.14	4.0	23.3	3.91	137	797	106	37	22
DF		10	2	72	70	18.526	10.06	47.06	4.6	20.0	6.11	216	941	166	59	26
DF		11	2	80	85	16.265	10.06	56.70	5.1	25.7	8.23	289	1,459	224	79	40
DF		12	1	80	69	6.510	5.03	19.53	6.2	30.0	3.47	122	586	94	33	16
DF		13	2	78	76	10.746	10.06	32.24	7.7	33.3	7.05	247	1,073	192	67	29
DF		15	2	84	89	8.428	10.06	33.71	9.7	48.6	9.32	327	1,638	253	89	45
DF		17	1	84	89	3.153	5.03	15.76	10.6	56.0	4.76	167	883	129	45	24
DF		18	1	72	77	2.845	5.03	11.38	11.3	40.0	3.65	129	455	99	35	12
DF		24	1	84	106	1.548	5.03	9.29	20.4	113.3	5.39	189	1,053	147	51	29
DF		Totals	13	79	79	79.403	65.36	259.81	7.0	34.2	51.90	1,823	8,885	1,411	496	242
WL		12	1	87	110	6.589	5.17	32.94	5.7	28.0	4.51	188	922	123	51	25
WL		17	1	79	105	3.362	5.17	16.81	9.9	46.0	3.99	167	773	109	45	21
WL		19	1	88	137	2.574	5.17	18.02	13.7	74.3	5.88	246	1,338	160	67	36
WL		22	2	87	138	3.868	10.35	27.08	17.9	103.4	11.66	486	2,801	317	132	76
WL		23	1	86	137	1.763	5.17	12.34	19.1	105.7	5.69	236	1,304	155	64	35
WL		Totals	6	86	121	18.155	31.05	107.18	12.3	66.6	31.73	1,323	7,139	863	360	194
ES		11	1	75	66	2.617	1.63	5.23	6.7	25.0	.91	35	131	25	10	4
ES		Totals	1	75	66	2.617	1.63	5.23	6.7	25.0	0.91	35	131	25	10	4
Totals			20	80	86	100.174	98.05	372.23	8.5	43.4	84.55	3181	16,155	2,299	865	439

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T35N R32E S12 T00U7

T35N R32E S12 T00U7

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
35N	32E	12	GOLDEN	00U7	8.55	4	17

Page: 1
Date: 12/8/201
Time: 8:22:16AM

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		8	2	83	57	51.459	16.81	102.92	2.8	15.2	9.52	288	1,565	81	25	13
DF		9	1	84	63	19.449	8.40	58.35	3.3	17.2	6.42	194	1,005	55	17	9
DF		10	3	82	66	47.840	25.21	143.52	3.9	17.2	18.34	554	2,471	157	47	21
DF		12	3	83	74	31.851	25.21	105.57	5.3	24.9	18.51	559	2,627	158	48	22
DF		14	1	83	64	8.453	8.40	25.36	6.9	25.8	5.77	174	655	49	15	6
DF		15	1	84	83	6.668	8.40	26.67	8.1	40.9	7.18	217	1,091	61	19	9
DF		18	1	94	97	4.755	8.40	23.77	12.5	70.6	9.86	298	1,679	84	25	14
DF		20	1	91	99	3.890	8.40	19.45	14.6	86.1	9.42	285	1,675	81	24	14
DF		26	1	92	107	2.369	8.40	14.22	22.1	139.2	10.40	314	1,979	89	27	17
DF		Totals	14	83	67	176.735	117.64	519.83	5.5	28.4	95.44	2,883	14,746	816	246	126
PP	L	25	1	87	85	2.426	8.40	9.70	24.2	132.5	5.62	235	1,286	48	20	11
PP		Totals	1	87	85	2.426	8.40	9.70	24.2	132.5	5.62	235	1,286	48	20	11
WL		11	1	88	88	13.208	8.40	52.83	3.9	20.0	6.20	207	1,057	53	18	9
WL		Totals	1	88	88	13.208	8.40	52.83	3.9	20.0	6.20	207	1,057	53	18	9
WL	S	10	1	86	20	15.406	8.40									
WL		Totals	1	86	20	15.406	8.40									
Totals			17	84	65	207.775	142.84	582.37	5.7	29.3	107.26	3324	17,088	917	284	146

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T40N R33E S25 T00U8

T40N R33E S25 T00U8

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
40N	33E	25	GOLDEN HALO	00U8	154.81	59	238

Spc	ST	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		7	6	79	53	9.003	2.57	20.95	2.0	11.8	1.47	42	248	227	65	38
DF		8	4	81	52	5.014	1.71	10.03	2.7	13.5	.92	27	135	143	42	21
DF		9	6	80	67	5.648	2.57	17.91	3.1	15.7	1.88	55	281	291	85	43
DF		10	12	79	62	9.871	5.13	31.14	3.3	15.7	3.48	102	488	539	157	76
DF		11	14	81	73	9.128	5.99	31.74	4.1	19.5	4.51	131	618	698	202	96
DF		12	13	82	78	7.382	5.56	27.84	4.6	20.8	4.39	127	578	679	197	90
DF		13	19	82	80	8.866	8.13	35.47	5.5	26.1	6.76	196	925	1,047	304	143
DF		14	17	83	85	6.823	7.27	28.63	6.3	30.8	6.25	182	883	967	281	137
DF		15	14	82	81	4.910	5.99	19.99	7.2	34.5	4.96	144	690	768	224	107
DF		16	19	82	88	5.840	8.13	26.37	8.0	35.8	7.24	210	944	1,121	326	146
DF		17	15	82	90	4.110	6.41	18.64	9.1	43.0	5.80	169	802	898	261	124
DF		18	13	81	90	3.178	5.56	13.22	10.7	51.1	4.85	141	675	751	219	105
DF		19	4	81	86	.860	1.71	3.23	12.8	62.9	1.42	41	203	220	64	31
DF		20	7	81	102	1.377	2.99	6.68	12.8	62.4	2.94	85	417	455	132	65
DF		21	4	81	96	.707	1.71	3.02	14.7	75.3	1.53	44	227	236	69	35
DF		22	5	83	93	.822	2.14	3.61	16.0	82.1	1.99	58	297	308	89	46
DF		23	1	81	100	.148	.43	.74	16.1	86.1	.41	12	64	64	19	10
DF		24	2	82	107	.268	.86	1.34	18.8	103.5	.87	25	139	134	39	21
DF		25	1	84	106	.125	.43	.63	19.7	102.7	.43	12	64	66	19	10
DF		26	4	76	90	.477	1.71	2.03	19.9	95.0	1.39	40	193	214	62	30
DF		27	1	86	117	.108	.43	.54	25.7	155.7	.48	14	84	74	21	13
DF		28	3	80	109	.299	1.28	1.50	24.4	137.4	1.26	36	206	195	56	32
DF		29	1	89	82	.097	.43	.39	29.8	144.9	.40	12	56	61	18	9
DF		30	1	83	110	.085	.43	.43	29.8	182.2	.44	13	78	68	20	12
DF		31	2	85	111	.165	.86	.82	33.3	203.6	.94	27	168	146	42	26
DF		32	1	90	102	.076	.43	.38	36.6	216.9	.48	14	83	74	22	13
DF		34	1	79	119	.067	.43	.34	37.4	228.5	.43	13	77	67	19	12
DF		Totals	190	81	75	85.453	81.26	307.60	6.4	31.3	67.90	1,974	9,619	10,511	3,055	1,489
WL		10	1	86	63	.780	.43	2.34	4.6	19.8	.26	11	46	40	17	7
WL		11	1	88	84	.600	.43	2.40	5.5	24.8	.32	13	59	50	20	9
WL		12	1	86	88	.507	.43	2.03	6.8	37.1	.33	14	75	52	21	12
WL		13	4	87	90	1.864	1.70	8.37	6.6	33.0	1.34	56	276	208	86	43
WL		16	5	88	96	1.533	2.13	6.74	10.5	55.9	1.71	71	376	265	110	58
WL		17	1	84	103	.287	.43	1.43	10.3	55.4	.36	15	79	55	23	12
WL		18	1	88	100	.238	.43	1.19	12.5	67.3	.36	15	80	56	23	12
WL		19	2	84	93	.421	.85	1.90	14.0	72.6	.64	26	138	99	41	21
WL		20	2	87	111	.398	.85	1.59	18.1	102.5	.70	29	163	108	45	25
WL		23	2	88	109	.295	.85	1.48	21.4	122.6	.77	32	181	119	49	28
WL		25	1	80	106	.125	.43	.62	21.9	114.8	.33	14	72	51	21	11
WL		26	1	81	103	.120	.43	.60	23.4	124.7	.34	14	75	53	22	12
WL		Totals	22	87	91	7.168	9.36	30.68	10.0	52.8	7.47	308	1,621	1,156	477	251
ES		7	1	84	49	1.505	.43	3.01	2.3	11.8	.23	7	35	36	11	5
ES		28	1	86	133	.102	.43	.61	26.2	162.0	.53	16	99	82	25	15
ES		31	1	74	90	.081	.43	.32	31.1	158.8	.33	10	52	52	16	8
ES		Totals	3	84	56	1.687	1.28	3.94	8.4	47.1	1.10	33	186	170	51	29
DF	S	11	2	82	33	1.524	1.01									
DF	S	12	2	83	63	1.280	1.01									
DF	S	15	3	83	73	1.229	1.51									
DF	S	16	1	82	63	.360	.50									
DF	S	25	2	82	111	.295	1.01									

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T40N R33E S25 T00U8

T40N R33E S25 T00U8

Date: 11/10/201

Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
40N	33E	25	GOLDEN HALO	00U8	154.81	59	238

Spc	ST	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF	S	26	1	82	66	.136	.50									
DF		Totals	11	83	59	4.824	5.53									
WL	S	12	1	87	77	.677	.53									
WL	S	14	1	87	90	.497	.53									
WL	S	15	2	87	83	.867	1.06									
WL	S	18	1	87	125	.301	.53									
WL	S	21	1	87	121	.232	.53									
WL	S	25	1	86	138	.156	.53									
WL	S	35	1	86	164	.081	.53									
WL		Totals	8	87	96	2.811	4.25									
Totals			234	82	75	101.944	101.68	342.23	6.8	33.4	76.46	2315	11,426	11,836	3,584	1,769

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T38N R31E S24 T00U9

T38N R31E S24 T00U9

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
38N	31E	24	GOLDEN HALO	00U9	29.56	24	13

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Spc	ST	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		9	2	89	61	26.761	11.29	66.30	4.0	22.1	7.52	264	1,466	222	78	43
DF		12	2	73	64	14.873	11.29	44.62	5.6	23.2	7.14	251	1,036	211	74	31
DF		13	2	83	80	11.966	11.29	47.87	7.1	35.1	9.71	341	1,679	287	101	50
DF		15	1	80	71	4.723	5.64	18.89	7.7	35.0	4.14	145	661	122	43	20
DF		16	1	74	79	3.942	5.64	15.77	8.7	37.5	3.91	137	591	116	41	17
DF		Totals	8	82	67	62.267	45.14	193.44	5.9	28.1	32.41	1,137	5,433	958	336	161
WL		9	1	90	62	7.336	3.24	22.01	3.5	20.0	1.87	78	440	55	23	13
WL		10	2	89	78	12.296	6.48	42.60	4.4	24.4	4.45	186	1,041	132	55	31
WL		12	1	85	72	3.928	3.24	11.78	1.5	6.7	1.93	17	79	57	5	2
WL		14	1	78	67	3.166	3.24	9.50	8.0	30.0	1.82	76	285	54	22	8
WL		Totals	5	87	72	26.726	16.21	85.89	4.2	21.5	10.07	357	1,844	298	105	55
Totals			13	84	68	88.992	61.35	279.33	5.3	26.1	42.49	1494	7,278	1,256	442	215

TC TSTNDSUM

Stand Table Summary

Project **GOLDHALO**

T38N R31E S23 T0U10

T38N R31E S23 T0U10

Page: 1
Date: 11/10/201
Time: 9:22:57AM

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
38N	31E	23	GOLDEN HALO	0U10	43.36	32	20

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		8	4	79	61	38.441	13.64	86.65	3.2	17.8	7.92	278	1,542	343	120	67
DF		9	2	80	58	16.374	6.82	40.47	3.6	20.0	4.20	147	809	182	64	35
DF		10	2	79	69	12.776	6.82	38.33	4.2	20.0	4.54	159	767	197	69	33
DF		11	2	71	64	10.273	6.82	30.82	4.8	20.0	4.24	149	616	184	64	27
DF		12	1	84	83	4.067	3.41	16.27	6.4	32.5	2.96	104	529	128	45	23
DF		13	1	75	82	3.589	3.41	14.35	6.3	25.0	2.56	90	359	111	39	16
DF		15	2	84	75	5.748	6.82	22.99	8.6	41.2	5.66	198	948	245	86	41
DF		Totals	14	79	65	91.268	47.75	249.88	4.5	22.3	32.08	1,126	5,569	1,391	488	241
WL		8	1	83	67	8.087	3.04	16.17	3.5	20.0	1.36	57	323	59	25	14
WL		13	1	79	75	3.197	3.04	12.79	5.8	20.0	1.81	75	256	78	32	11
WL		19	1	84	99	1.543	3.04	7.72	13.2	62.0	2.44	102	478	106	44	21
WL		21	1	81	89	1.263	3.04	5.05	5.5	25.0	2.07	28	126	90	12	5
WL		Totals	4	82	74	14.090	12.15	41.73	6.2	28.4	7.68	261	1,184	333	113	51
LP		15	1	84	88	2.151	2.60	10.75	8.9	34.0	2.29	96	366	99	42	16
LP		Totals	1	84	88	2.151	2.60	10.75	8.9	34.0	2.29	96	366	99	42	16
ES		10	1	71	41	3.060	1.74	6.12	5.0	20.0	.79	30	122	34	13	5
ES		Totals	1	71	41	3.060	1.74	6.12	5.0	20.0	0.79	30	122	34	13	5
Totals			20	79	66	110.569	64.24	308.49	4.9	23.5	42.84	1513	7,241	1,858	656	314

WASHINGTON STATE DEPARTMENT OF
Natural Resources
Peter Goldmark - Commissioner of Public Lands

FPA/N No: 3019553
Effective Date: 11/18/2014
Expiration Date: 11/18/2017
Shut Down Zone: 678E
EARR Tax Credit: [x] Eligible [ ] Non-eligible
Reference: Golden Halo FH FIT
Multiple

Forest Practices Application/Notification
Notice of Decision

Decision

[ ] Notification	Operations shall not begin before the effective date.
[x] Approved	This Forest Practices Application is subject to the conditions listed below.
[ ] Disapproved	This Forest Practices Application is disapproved for the reasons listed below.
[ ] Closed	Applicant has withdrawn FPA/N.

FPA/N Classification

[ ] Class II [x] Class III [ ] Class IVG [ ] Class IVS

Number of Years Granted on Multi-Year Request

[ ] 4 years [ ] 5 years

Conditions on Approval / Reasons for Disapproval

No conditions.

Issued By: Shane Knowlton **Region:** Northeast

Title: Forest Practices Forester **Date:** 11/18/2014

Copies to: **[x] Landowner, Timber Owner and Operator.**

Issued in person: **[ ] Landowner [ ]Timber Owner [ ] Operator By:**_____