

PART III: EXHIBITS

State Timber Sale Contract
No. 341-11-44
Sargent Jordan

EXHIBIT B

Page 1 of 3
629-Form 341-203
Revised 06/97

OREGON DEPARTMENT OF FORESTRY

TIMBER SALE OPERATIONS PLAN

(See Page 2 for instructions)

Date Received by STATE: _____

(5) State Brand Information (complete):



(1) Contract No.: 341-11-44

(2) Sale Name: Sargent Jordan

(3) Contract Expiration Date: October 31, 2012

Project Completion Dates: _____

(4) Purchaser: _____

(6) Purchaser Representatives:

Projects: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Projects: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Projects: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Projects: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Logging: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Logging: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Logging: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Logging: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

(7) State Representatives:

Projects: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

Logging: _____

Phone: _____

Cell/Other

Phone: _____

Home: _____

(8) Name of Subcontractors & Starting Dates:

Projects: No(s) _____ - _____

Date: _____

Phone: _____

No(s) _____ - _____

Date: _____

Phone: _____

No(s) _____ - _____

Date: _____

Phone: _____

No(s) _____ - _____

Date: _____

Phone: _____

Logging: Felling _____

Date: _____

Phone: _____

Yarding: _____

Date: _____

Phone: _____

(9) Comments:

(10) Operations Map: Attach a copy of timber sale Exhibit A or other suitable map which plainly shows the items listed on the instruction sheet.

EXHIBIT B

INSTRUCTION SHEET FOR OPERATIONS PLAN

SUBMIT ONE COPY OF PLAN TO STATE

Operations shall be limited to the work shown in the plan until a revised plan or supplemental plan is submitted covering additional work. Compliance with this plan is not in lieu of compliance with any federal requirements related to the federal Endangered Species Act. If STATE has prepared a required Forest Practices Act (FPA) "Written Plan" for operations, PURCHASER shall comply with all provisions of the Written Plan.

Explanation of Item No. (from Page 1)

- (5) All sales require you to use a brand furnished by STATE. If the State brand has not been assigned when the plan is submitted, it will be furnished and assigned later. Complete drawing. If more than one brand is assigned to the sale, complete both drawings.
- (6) The contract requires you to have a designated representative available on the sale area or work location who is authorized to receive in your behalf any notice or instruction given by STATE and to take action in regard to performance under the contract. If logging and project work is widely separated, a representative is required for each.
- (7) The STATE representative will be designated when your plan is approved and is the person who will inspect and issue instructions regarding performance.
- (8) Show names of subcontractors to be used for any or all phases of the operations. If subcontractors are not known, or are changed later, give notification to the STATE representative prior to commencement of work by subcontractor.

Show projected dates for commencement of both projects and logging. If projected dates need to be changed at a later date, notification must be given to the STATE representative by supplemental plan or otherwise, prior to commencement of such operations.

- (10) The STATE representative will furnish extra copies of Exhibit A of the contract for your use in preparing the operations map. The map shall use the following legend and show:
 1. Landing locations, approximate setting boundaries, and probable sequence of logging the settings. Number the settings in sequence.
 2. Locations of spur roads planned for construction, other than those required by the timber sale contract. Provide spur road specifications.
 3. Location of proposed tractor yarding roads. Show if and how marked on the ground.
 4. Location of temporary stream crossings.
 5. List the sequence of performing project work.
 6. Location of rock sources - attach pit development plans.




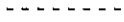


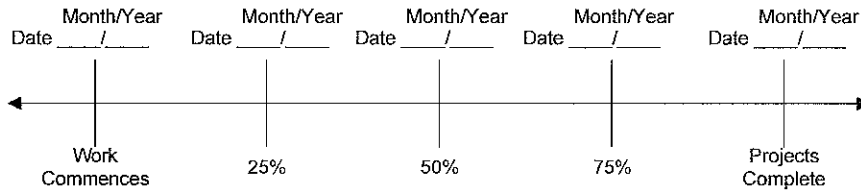
- | | |
|---|---|
|  | Cable Landing, with numbers for sequence. |
|  | Tractor Landing with alphabetical sequence. |
|  | Approximate setting boundary. |
|  | Spur truck roads. |
|  | Tractor yarding roads. |
|  | Temporary stream crossings. |

EXHIBIT B
OPERATIONS PLAN

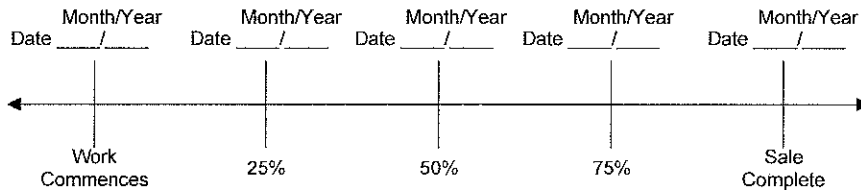
Completion Timeline

Indicate on the appropriate timeline below, the dates by which you plan to complete the work as required under this contract. The purpose of this section is to develop a plan that will ensure you complete the work as required, and meet the interim completion date(s) and contract expiration date. This plan is incorporated and made a part of the contract. When, in the opinion of STATE, operations are not commencing in a manner that meets the intent of this plan, you may be placed in violation of contract and your operations suspended until an amended plan is submitted and approved by STATE.

Projects



Harvest & Other Requirements



The Federal Endangered Species Act (ESA) prohibits a person from taking any federally listed threatened or endangered species. Taking under the federal ESA may include alteration of habitat. STATE's approval of this plan does not certify that PURCHASER's operation under the plan is lawful under the federal ESA. As provided in the timber sale contract, PURCHASERS must comply with all applicable state, federal, and local laws.

PURCHASER's compliance with this plan is not in lieu of compliance with any federal requirements related to the federal Endangered Species Act.

APPROVED: Date: _____

SUBMITTED BY:
PURCHASER

STATE OF OREGON - DEPARTMENT OF FORESTRY

Title _____

Title _____

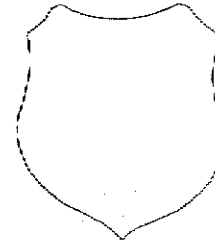
Original: Salem
cc: District File
Purchaser

EXHIBIT C – SAWMILL GRADE

SCALING INSTRUCTIONS -- LOCATION APPROVAL -- BRAND INFORMATION

- (1) ORIGINAL REGISTRATION Date _____
 REVISION NUMBER _____ Date _____
 CANCELLATION Date _____
- (2) TO: _____
 (Third Party Scaling Organization)
- (3) FROM: Tillamook (06) Phone (503) 842-2545
 (State Forestry District)
 Address 5005 3rd St., Tillamook OR 97141
- (4) PURCHASER: _____
 Mailing Address: _____
 Phone Number: _____

- (13) SALE NAME: Sargent Jordan
 COUNTY: Tillamook
- (14) STATE CONTRACT NUMBER: 341-11-44
- (15) STATE BRAND REGISTRATION NUMBER _____
- (16) STATE BRAND INFORMATION (COMPLETE):



(5) MINIMUM SCALING SPECIFICATIONS			CLASS		
SPECIES	SCALING DIAMETER INCHES	*NET SCALE VOLUME	PER MBF	** SUM	SUB
Conifers	---	10	X		
Hardwoods	---	10	X		

- (17) PAINT REQUIRED: YES
 COLOR: Orange

- ** Apply minimum volume test to whole logs over 40' Westside; 20' Eastside.
 Sum (if indicated): see instructions and explain in Item (19).
- (6) WESTSIDE SCALE: YES NO
 Use Region 6 actual taper rule. Logs over 40'.
- (7) EASTSIDE SCALE: YES NO
 Use Region 6 actual taper rule. Logs over 40'.
- (8) Weight Scale Sample
 (6) – (8), pink log load receipts
- (9) Weight Sale
- (10) Per Load
 (9) and (10), yellow log load receipts

(18) SPECIAL REQUESTS (Check applicable)

PEELABLE CULL (all species)
NO DEDUCTIONS ALLOWED FOR MECHANICAL DAMAGE
 PENCIL BUCK.....
 ADD-BACK VOLUME - Deductions due to delay
 OTHER: _____

(19) REMARKS _____

Operator's Name (Optional inclusion by District): _____

(11) APPROVED SCALING LOCATIONS (as shown on the ODF Approved Locations web-site)	Species	Yard	Truck	Weight

(20) SIGNATURES:

 Purchaser or Authorized Representative Date

 State Forester Representative Date

 State Forester Representative PRINT NAME

(12) NOTICE OF CANCELLATION OF BRAND:
 Effective Date: _____

Notify the District within one hour when branding or painting is inadequate for quick identification, the receipts are missing, not correctly or completely filled out, and/or when logs presented for scaling are impossible to scale accurately.

EXHIBIT C – SAWMILL GRADE
INSTRUCTIONS FOR FORM 343-307 (rev. 01/09)

- (1) Check appropriate box. REVISION NUMBER requires comments. CANCELLATION requires Item (12). Complete date.
- (2) Designate Third Party Scaling Organization (TPSO).
- (3) State District office, address and phone.
- (4) Enter Purchaser's business name, address, and phone number as it appears on the Contract.
- (5) Minimum Scaling Specifications. Review Section 2040 or 2045, "Log Removal," of the Contract. Species, or combined species can be separate entries. Information serves as a basis for scaling (see also Items (16) thru (18)), and is required to show existence on the sale. SUM (lump sum material). SUB (sub-merchantable material). SUB, as used by the State, references that material containing at least 10 bf (net) but less than the lower merchantable net volume limit or grade requirements for other merchantable (Per MBF) entries. Per MBF, SUM, and SUB must be indicated by checking the appropriate column. Species with the same specifications and value are combined into one entry. Per MBF and SUB require scaling therefore complete specifications. SUM need not be scaled, hence no specifications. Loads containing only SUM are to be ticketed if so instructed in Item (19). Mixed loads of SUM, Per MBF and/or subspecies will always be scaled.
- (6) Westside – Region 6 actual taper segment scale. Check Yes or No. Special Service Rules on file with TPSO. See: Segment Scaling and Grading of Long Logs – All Species – State Forestry Department Scaling Practices (Westside).
- (7) Eastside – Region 6 actual taper/taper table segment scale. Special Service Rules on file with TPSO. See: Segment Scaling and Grading of Long Logs – All Species – State Forestry Department Scaling Practices (Northwest Log Rules Eastside). Items with * follow U.S. Forest Service Eastside rules.
- (8) Weight Scale Sample – Check box if sale is to be a Weight Scale Sample. All specifics for handling, scaling and processing will be attached or explained in the Remarks section Item (19).
- (9) Weight Sale – Check box if sale is to be sold as a weight sale. Processing procedures from approved locations to TPSO's will be explained in the Remarks section of Item (19).
- (10) Per Load – Check box if volumes on sale are per load. Specific instructions for handling and processing will be fully explained in the Remarks section of Item (19).
- (11) Show scaling locations only applicable to TPSO. Location name should appear as it does on the ODF Approved Scaling Location web site: http://www.odf.state.or.us/DIVISIONS/management/asset_management/ScalingLocation.asp. Locations with scaling and processing directions specific to their location should be on a separate form. Species should be identified if not capable of receiving "all" species. Check appropriate box for either: yard, truck scale, or weight. Refer to the web site listed above for the locations approval status.
- (12) When logging and hauling is complete, recall branding hammers, date and sign where indicated, check CANCELLATION box in Item (1), and send to TPSO.
- (13) Enter sale name and county
- (14) Enter sale Contract number.
- (15) Enter Oregon's State Brand Registry Number (**REQUIRED**).
- (16) Show brand assigned to timber sale. One brand only. If more than one brand is assigned to the sale: (1) make separate form for each brand and (2) on each form, explain and show other brand(s) in the Remarks section Item (19).
- (17) Check yes for Paint Required and designate "Orange" for color. Non required removal volumes may sometimes require blue paint.
- (18) Special Requests. These are requests that will be applied to ODF timber sales. All boxes applicable to the timber sales designated in the Exhibit C form must be "marked". If "Other" is indicated, it must contain a description and any necessary comments.
- (19) Use this space to designate any weight conversion factors, per load volumes, weight scale sample instructions or any other explanations to clarify scaling, processing and/or mailing requirements. If additional scaling locations are approved, revise original or current form showing all (old and new) locations. Check REVISION box at top of form and explain under remarks. Route as indicated.
- (20) Require purchaser to sign and date completed form in addition to State Forester Representative, sign and print name on the form.

Salem Distribution Instructions: Original will be mailed to Salem after it is electronically scanned and e-mailed directly to the State Forests Program/Asset Management Unit to both Timber Revenue Specialists. Scaling instructions for each brand should be scanned separately, for each approved TPSO.

Distribution (See specific instructions on pg.2): ORIGINAL: Salem / **COPIES:** TPSO, Approved Scaling Location, Purchaser, District, Mgmt. Unit

EXHIBIT D

ROCK

USE	SIZE OF ROCK	POINT	AMOUNT
Culvert Backfill & Surfacing	1 ½"-0"	A	20 CY
Rip Rap Blocking	48"-36"	*	35 Boulders

As Directed by STATE (Outside western boundary of the Jordan Creek OHV Staging Area).

Notify STATE 48 hours prior to placing rip rap. STATE representative shall be onsite when placing rip rap.

End-dumping of riprap shall not be allowed.

ROCK SPECIFICATIONS

1 ½"-0

Percent Passing	Sieve size
2	100
1.5	95-100
1	--
¾	70-90
¼ or #4	40-60
#10	30-50
#40	10-20

48" – 36" Riprap

50% or more of the rock shall be at 48 inches in one dimension. 100% of the rock shall be at least 36 inches in one dimension.

Control of riprap shall be by visual inspection by STATE.

The referenced sieve shall have square openings as set forth in AASHTO M 92, Woven Cloth Series. The determinations of size and gradings shall be as set forth in AASHTO T 27.

Load Records. Notify STATE before placing the rock and maintain a record of all rock delivered for placing. Make the record available for STATE inspection. A report listing the amount of rock delivered the prior month must be submitted no later than the 15th of each month.

EXHIBIT E
CULVERT SPECIFICATIONS

All culvert materials shall be furnished and installed by PURCHASER, unless otherwise specified in the Contract. Culvert shall be constructed of corrugated polyethylene. Culverts shall conform to the material and fabricating requirements of the "Standard Specifications for Highway Construction" prepared by the Highway Division of the Oregon State Department of Transportation. Polyethylene culvert shall also be double walled and meet the requirements of AASHTO M-294-901, Type S. Corrugation types and shapes other than those meeting the above minimum Highway requirements, shall be approved in writing by STATE.

Culvert shall be located according to the alignment and grade as shown on the Plan and Profile, and/or as staked in the field, or as stipulated in special instructions.

The STATE Representative shall determine final culvert location and stake the locations in the field prior to installation.

Culvert grade shall slope away from ditch grade at least 5 percent unless otherwise specified.

The foundation and trench walls for all culvert shall be free from logs, stumps, limbs, stones, and other objects which would dent or damage the pipe. The culvert trench shall be excavated 3 pipe diameters wide to permit compaction and working on each side of the pipe. Tamping shall be done in 6-inch lifts, 1 pipe diameter each side of the pipe to 95 percent density or over. Bedrock shall be excavated as required to provide a uniform foundation for the full length of the culvert. Minimum bedding depth shall be 6 inches.

A bedding of granulated material or crushed rock as specified shall be placed to provide a wide band of support and to transmit the load from above evenly over the entire length of the pipe.

Backfill shall consist of granulated material, crushed rock, or job-excavated soil free of stumps, limbs, rocks, or other objects which would damage the pipe.

Transporting of the pipe shall be done carefully. Dragging or allowing free fall from trucks or into trenches shall not be permitted.

Joining shall be done with bands of like material and corrugations. Manufacturers' instructions shall be followed for prefabricated pipe assembly.

Polyethylene joints shall be made with split couplings, corrugated to engage the pipe corrugations, and shall engage a minimum of 4 corrugations, 2 on each side of the pipe joint.

When joints are employed, the longest length of pipe shall be placed at the outlet end.

A manufacturer's certification that the product was manufactured, tested, and supplied in accordance with this specification shall be furnished to the State's Contract Administrator upon request.

EXHIBIT E
CULVERT SPECIFICATIONS

Minimum height of cover over top of culvert to subgrade when road is to be rocked shall be 12".

Lengths of individual culvert sections shall be not less than 10 feet, unless otherwise provided for in special instructions. The shortest culvert section length shall be placed at the inlet end.

The ends of each culvert shall be free of logs and debris which would restrict the free flow of water. The intake end of relief culverts shall be provided with a sediment catching basin 3 feet in diameter at the bottom. The outlet end of any culvert which would allow water to erode embankment soil shall be provided with an approved slope protection device. Construct lead-off ditches away from culvert outlets where the slope gradients restrict the free flow of water.

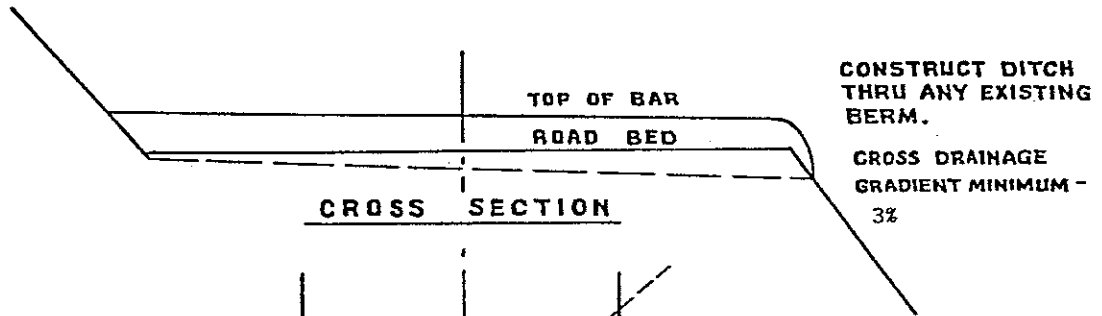
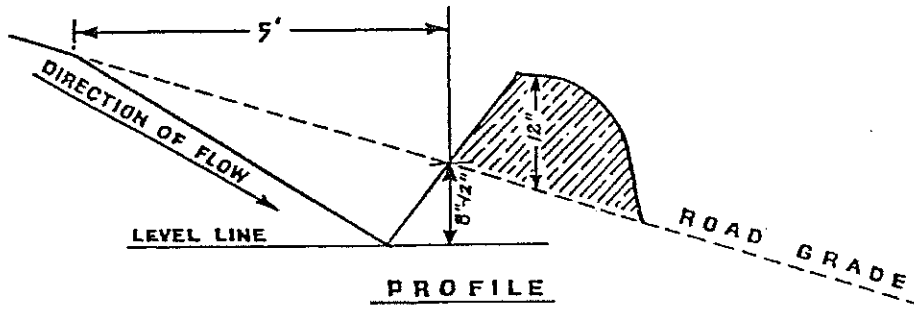
CULVERT LIST

CULVERT NO.	DIAMETER (Inches)	LENGTH (Feet)	POINT
1	18	32	A

The intake end of culvert smaller shall be marked by installing a 5 foot long, painted steel fence post two feet into the ground, within 6 inches of the inlet on the downgrade side.

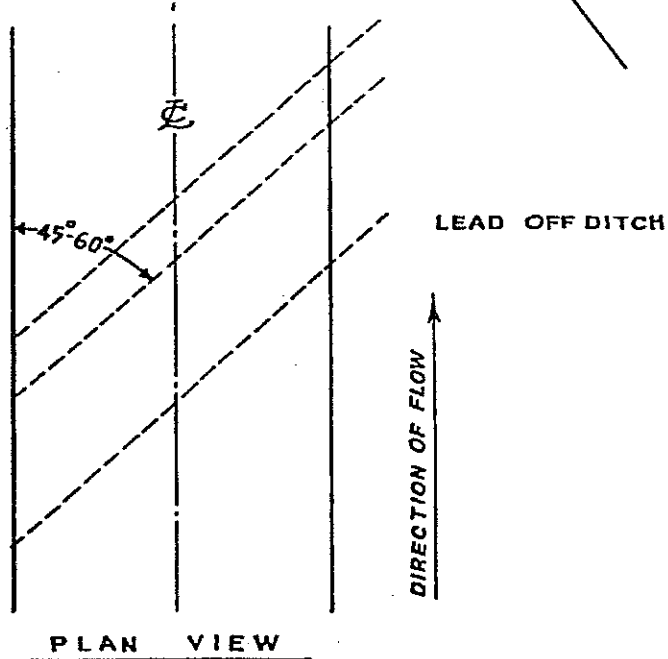
Tamping is required on culvert.

EXHIBIT F
 WATERBAR SPECIFICATIONS



SPACING OF WATERBARS

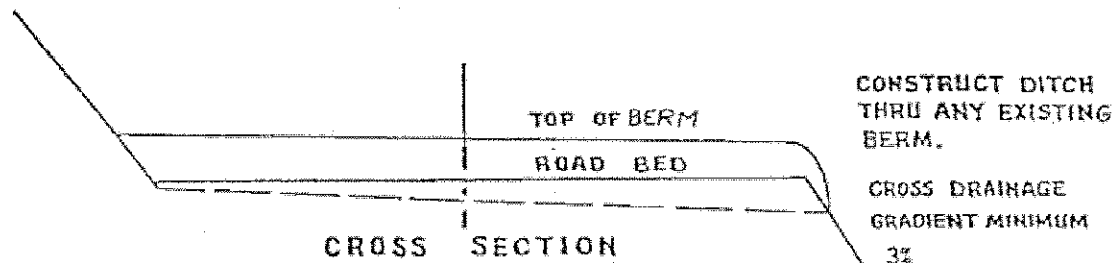
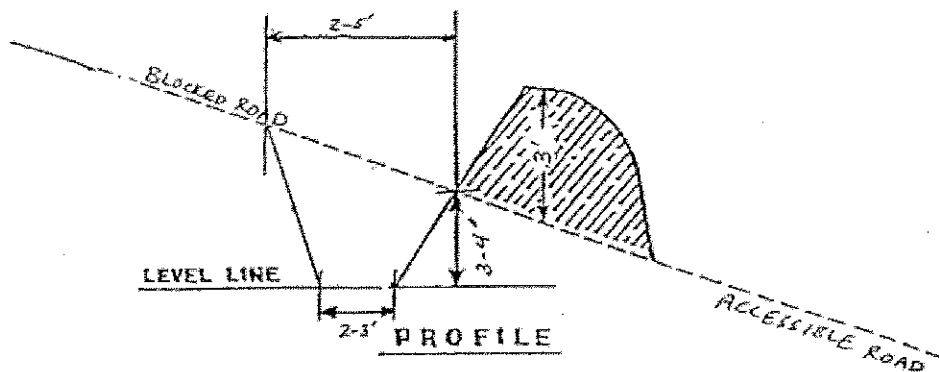
ROAD GRADE	DISTANCE
≤ 5%	600'
6-10%	300'
11-15%	150'
16-20% or greater	100'



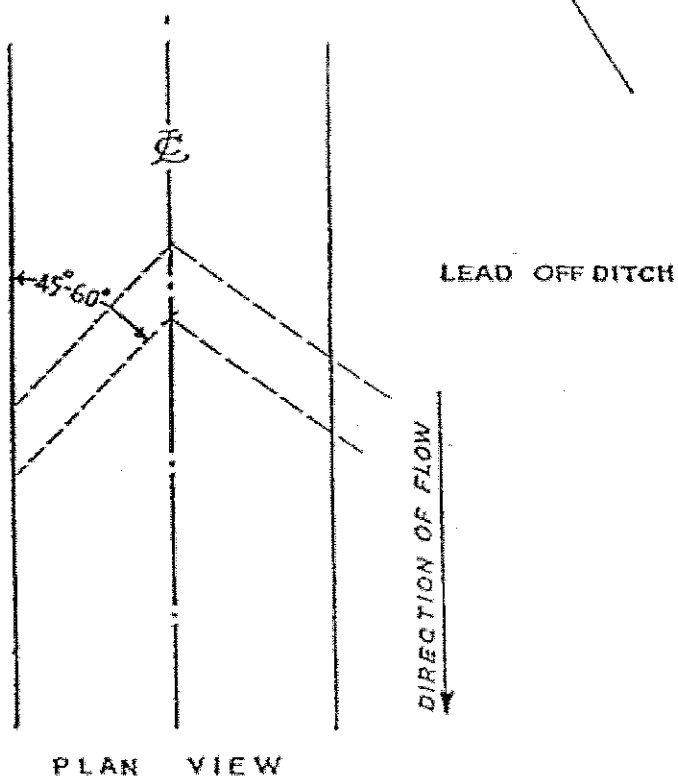
**WATERBAR SPECIFICATIONS
 FOR CROSS DITCHING #298**

EXHIBIT G

TANK TRAP SPECIFICATIONS



Tank trap shall be installed in a "V" shape. It should be sloped to drain with a relief ditch through the down slope edge of the road. The trench shall be behind the berm for approaching traffic.



TANK TRAP
SPECIFICATIONS

EXHIBIT H

SEEDING AND FERTILIZING

This work shall consist of preparing seedbeds and furnishing and placing required seed and fertilizer.

Seeding Seasons. Seeding shall be performed only from March 1 through June 15 and August 15 through October 15. Seeding materials shall not be applied during windy weather or when the ground is excessively wet or frozen. Areas of disturbed soil shall be seeded by the end of the project period in which work was started.

Soil Preparation. Areas to be seeded that have been damaged by erosion or other causes shall be restored prior to seeding. All areas to be seeded shall be finished and then cultivated to provide a reasonably firm, but friable seedbed. A minimum of 1/2 inch of surface soil shall be in a loose condition.

Application Methods for Seed and Fertilizer

Dry Method. Mechanical seeders, seed drills, landscape seeders, cultipacker seeders, fertilizer spreaders or other approved mechanical seeding equipment shall be used to apply the seed and fertilizer in the amounts and mixtures specified. Hand-operated seeding devices may be used when seed and fertilizer are applied in dry form.

Application Rates for Seed and Fertilizer

Seed listed below shall be applied at the following rates per acre:

<u>Species</u>	<u>Lb./Acre</u>	<u>Mixture</u>	<u>Pure Live Seed</u>	<u>Poison and/or Repellent</u>
Fine Fescue	12	40%	98%	0
Annual Ryegrass	6	20%	98%	0
Perennial Ryegrass	9	30%	98%	0
White Dutch Clover	3	10%	98%	0

Fertilizer: Chemical analysis shall be 16-20-0 and shall be applied at the rate of 300 pounds per acre.

Seeding will be considered acceptable when all other specified requirements in Exhibits G and H have been completed and a healthy, uniform, close stand of grass has been established, unless otherwise approved in writing by STATE.

State Timber Sale Contract
No. 341-11-44
Sargent Jordan

EXHIBIT I

MULCHING

This work shall consist of furnishing and placing required mulch. Mulch shall consist of straw that is free of noxious weeds.

Mulching Period. Straw mulch shall be applied within 24 hours of spreading grass seed and fertilizer.

Application Rates for Mulch

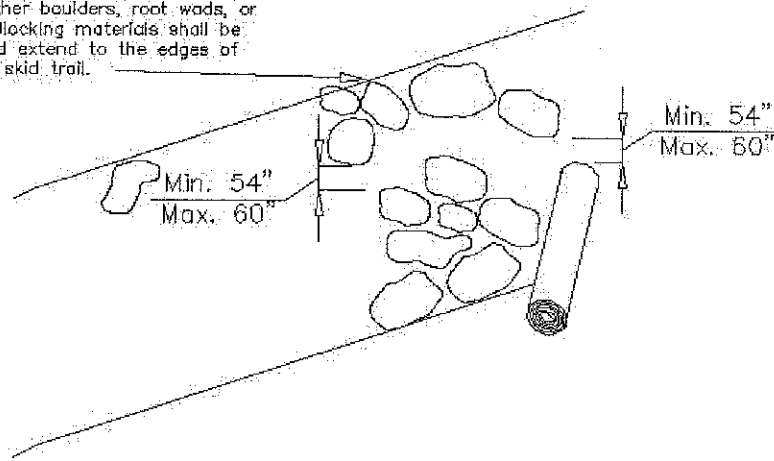
Place straw mulch to a reasonably uniform thickness of $\frac{3}{4}$ to $1\frac{1}{4}$ inches. This rate requires between 1 and $1\frac{1}{2}$ tons of dry mulch per acre.

EXHIBIT J

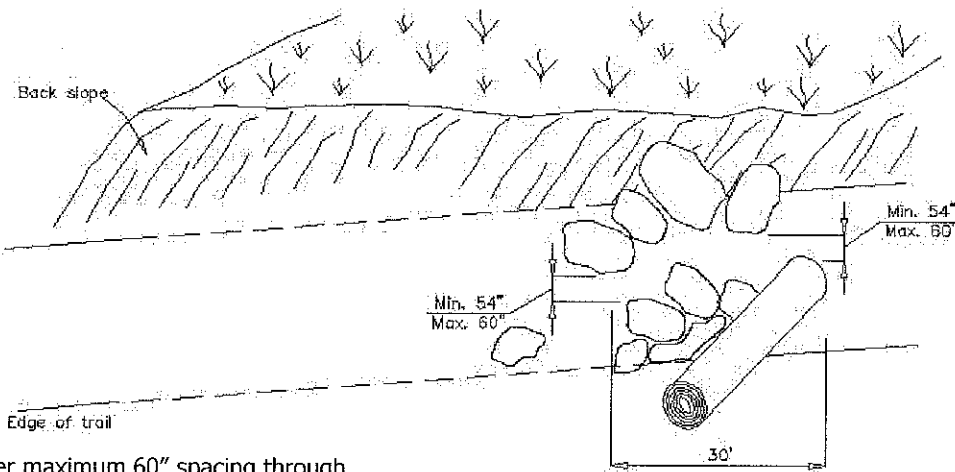
OHV TRAIL FILTER FOR QUAD TRAIL

NOT TO SCALE

Blocking materials minimum size should be 3'x3', either boulders, root wads, or cull logs. Blocking materials shall be touching and extend to the edges of roadway, or skid trail.



PLAN VIEW



Filter maximum 60" spacing through path entrance and exit.
6'- 8' curve radius through filter.
Overall length of filter should be 30'.
Boulders used as blocking material should be buried 1/3 of original height.

PROFILE

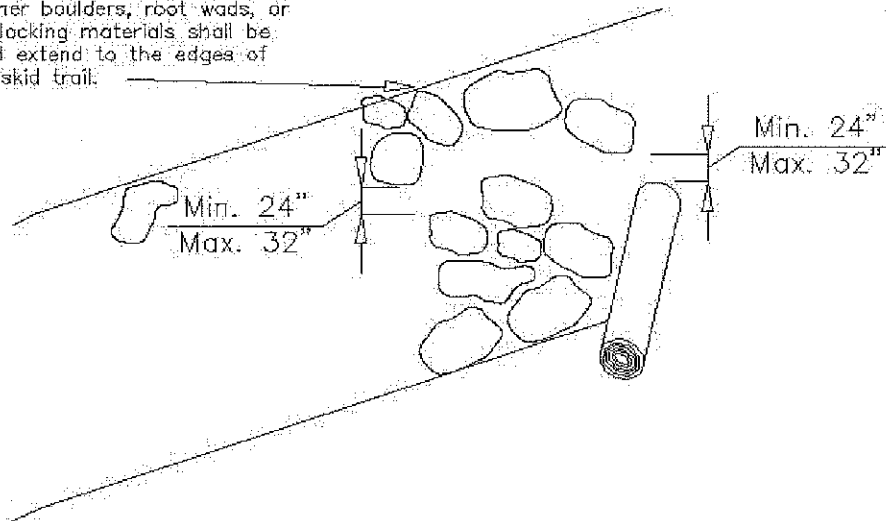
8/2005

EXHIBIT K

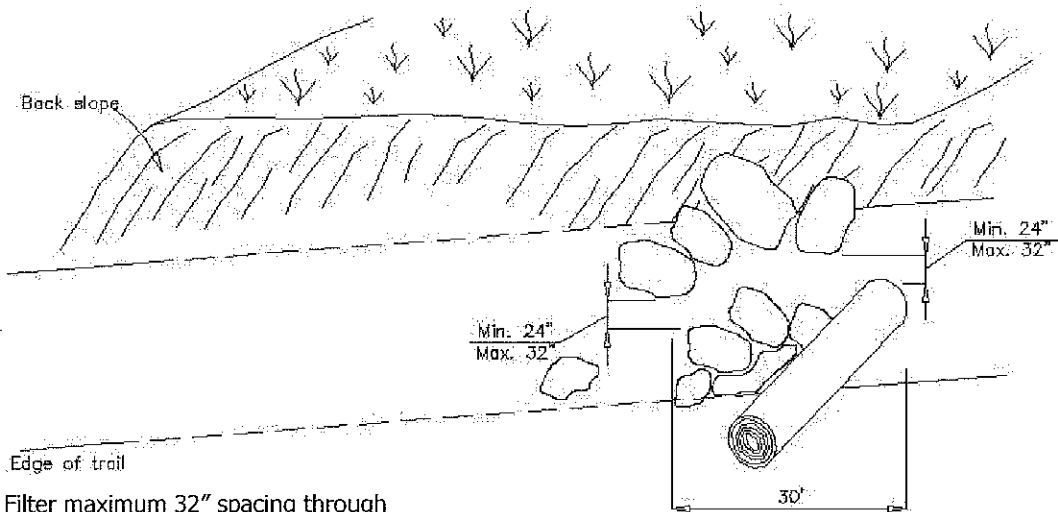
OHV TRAIL FILTER FOR MC TRAIL

NOT TO SCALE

Blocking materials minimum size should be 3'x3', either boulders, root wads, or cull logs. Blocking materials shall be touching and extend to the edges of roadway, or skid trail.



PLAN VIEW



Filter maximum 32" spacing through path entrance and exit. 6'-8' curve radius through filter. Overall length of filter should be 30'. Boulders used as blocking material should be buried 1/3 of original height.

PROFILE

8/2005

PART IV: OTHER INFORMATION

Page 1 of 3



"STEWARDSHIP IN FORESTRY"

WRITTEN PLAN

SALE NAME: Sargent Jordan, 341-11-44

PROTECTED WATERS: **Jordan Creek**, large Type F Stream; **Sargent Creek**, small Type F tributary to Jordan Creek; **Un-named tributary to Jordan Creek**, small Type F stream.

DEFINITIONS: Stream buffer: at least 100 feet horizontal distance from the high water mark on each side of the stream.

LOCATION: Portions of Sections 27, 28, 29, 30, and 33, T1N, R7W, W.M., Tillamook County, Oregon.

1. **Activity:** Alternative plan for operations within 100' Jordan Creek a Type F Stream.

Protection measures: See attached Alternative Plan.

2. **Activity:** Incidental tree falling into stream.

Protection measures:

- All trees in the RMA are reserved from cutting.
- Streams in the sale boundary are marked with "Buffer Zone" tags and blue flagging.
- If trees or logs fall or slide into a stream channel they will not be limbed, bucked, or removed without prior approval from ODF.

Date: August 18, 2010

Prepared by: David Wells

Alternative Plan for Riparian Management on Sargent Jordan Tillamook District

The Sargent Jordan timber sale has three sale areas adjacent to Jordan Creek- a large Type F stream. The NW Oregon State Forests Management Plan (FMP) objective for riparian areas around fish streams is to "grow and retain vegetation so that over time riparian and aquatic habitat conditions become similar to those associated with mature forest stands." The FMP describes several strategies for achieving this goal including an option to "apply alternative vegetation treatment to achieve habitat objectives". The alternative vegetation treatment allows the application of silvicultural tools using standards that differ from the general riparian management standards for the purposes of "changing the vegetative community to better achieve the plan's aquatic and riparian habitat objectives." The conditions in the Jordan Creek riparian area are well-suited for an alternative management approach. We have an opportunity to improve understory vigor and increase conifer diameter growth rates, to move the stand towards a Mature Forest Condition (MFC) sooner than if left unmanaged, while protecting aquatic resources. We expect:

1. Management will increase diameter growth of the residual stand.
2. Management will improve the long term large wood recruitment potential from the riparian area to the Jordan Creek.
3. Management will increase species diversity and vigor in the understory.
4. Residual stand in thinned areas will exceed standards described in FMP and set the riparian area on a trajectory for better layered and older forest conditions.

Riparian management for the Sargent Jordan sale will involve three prescriptions for three different stand types. All prescriptions will retain a no-harvest zone within 25 feet of the stream, reserving (no harvest) of trees other than Douglas-fir and alder, and reserving Douglas-fir trees greater than or equal to 25" DBH. The different prescriptions include:

1. Hardwood Stands: Remove all alder; reforest with shade tolerant conifer
2. Conifer Stands: thin to 80 ft² basal area; no reforestation required
3. Mixed Stands: harvest alder and leave large conifers; reforest with shade tolerant conifer.

The proposed prescriptions will achieve desired riparian conditions better than following the general management standards by increasing stand diversity and large wood recruitment potential. The visions and pathways are described in detail in the Pre-Operations Report for the sale. This prescription will either maintain and enhance the growth of existing conifer sites or reinitiate conifer stands in these riparian areas. The benefit of decreasing the overstory stand density is more room for the understory to develop and greater vigor in the understory. The lower density will also result in a better diameter response in the residual stand thus improving large wood recruitment potential to the stream.

Additional entries will be needed in conjunction with the harvest unit to maintain the stand trajectory to an MFC structure. This will especially be true in patch cuts.

There is little risk to water quality associated with the Sargent Jordan harvest plan. Harvest will take place on the north side of the stream, leaving the riparian area along the south side of the stream un-managed. The trees along the south side of the stream are more important for stream temperature protection. A 25 foot no-cut buffer along the stream will also contribute to stream temperature protection. FMP buffers as described in Appendix J of the FMP (which in some areas pushes the harvest beyond 100 feet) will be applied on all tributary streams to Jordan Creek and to Sargent Creek itself- further minimizing the potential to increase stream temperature. All riparian buffers will be measured from the outer edge of the channel migration zone and encompass steep side hills or inner gorges. No harvest will occur on the Jordan Creek floodplain. Rather it will be contained to the elevated terrace with relatively gentle slopes. Other FMP practices for minimizing soil disturbance will be applied. For example, ground-based equipment will not operate within 50 feet of streams.

Watershed analysis: Aquatic and Riparian Strategy 4a states that where appropriate, ODF will use information from watershed analysis to plan alternative vegetation treatments. ODF completed a watershed analysis of the Wilson River in 2008. Jordan Creek (a tributary to the Wilson River) has riparian areas that are not expected to meet mature forest conditions due to prevalence of hardwood stands with limited conifers in the understory. The analysis concluded that the watershed had less than desirable levels of large wood in streams, and that the potential for large wood recruitment from riparian areas was very low. Given the gradient and stream power of this portion of Jordan Creek, wood placement is not a viable option for restoration. These results suggest that management strategies which are likely to increase large wood recruitment from riparian areas to streams would be beneficial to the watershed.

Monitoring: Aquatic and Riparian Strategy 4(c) states that alternative vegetation treatment projects will be monitored and evaluated over time. The harvest areas will be monitored to determine the success of the planting and establishment of large conifers adjacent to Jordan Creek.

Pre-harvest photo points will be established in the hardwood stand, conifer stand, and mixed stand types and photos taken. A pre-harvest meeting with the operator and timber fallers will be held to provide falling and leave tree requirements.

During harvest the operation will be checked to ensure that ground based equipment is not operated within 50' of the streams, trees are directionally felled away from Type F streams, and designated leave trees (those marked "W" in yellow paint) are not damaged.

Post harvest, the project will be monitored for reforestation success and stand development goals by:

- o Perform reforestation checks to District standards and use this information to monitor/ improve conifer stand establishment and make reforestation maintenance decisions until seedlings are free to grow.
- o Return to pre-harvest photo points and take photos immediately following harvest by Contracts and in 5 year increments for 15 years following harvest by Reforestation.

Interdisciplinary Approach

This project has utilized a multi-disciplinary approach with input from the aquatic and riparian specialist, the forester, and ODFW representative Dave Plawman.

Approval

NOTICE OF TRANSFER OF STATE TIMBER

Instructions

629:-Form-301-010

Complete Section 1. Mark the box which applies to you/your company in Section 2. Complete Section 3 and obtain signatures.

SECTION 1

On _____, state timber sale purchaser (Transferor)
_____, sold, exchanged or otherwise transferred to
_____, (Transferee) state timber originating from State
Timber Sale Contract No. _____.

Transferee hereby certifies that they:

- (a) Will not export the unprocessed state timber which is the subject of this transaction;
- (b) Will not sell, transfer, exchange or otherwise convey the unprocessed timber which is the subject of this transaction to any other person without first obtaining a like certification from that person.
- (c) Are not prohibited by OAR's 629-31-005 through 045 from purchasing state timber or logs directly from the State Forester, or this is a sale of Western Red Cedar for domestic processing.

SECTION 2

- Have not exported unprocessed timber originating from private lands in Oregon in the last 24 months.
- This is a sale of hardwood logs for domestic processing.
- This is a sale of Western Red Cedar for domestic processing.
- This is a sale of pulp logs or cull logs processed at domestic pulp mills, domestic chip plants or other domestic operations for the purpose of conversion of the logs into chips.

SECTION 3

The parties understand that falsely entering into this certification, or failure to comply with the terms of this certification is a violation of the Forest Conservation and Shortage Relief Act of 1990 and OAR Chapter 629, Division 31, and is subject to any and all penalties contained therein.

Transferor:

Transferee:

Signed _____

Signed _____

Title _____

Title _____

Dated _____

Dated _____

[Note: For the purpose of this form, the definition of unprocessed timber is the same as in OAR 629-31-005]

Mail To: State Forester
2600 State Street
Salem, OR 97310