

WRITTEN PLAN

OPERATOR: Davidson Industries, Inc.
TIMBER OWNER: Davidson Industries, Inc.
LAND OWNER: Philip Davidson & Heidi Sause
NOTIFICATION: 2014-781-00070

Legal Description: Parts of the SW ¼ of Section 31, T. 16 S., R. 9 W., parts of the SE ¼ of Section 36, T. 16 S., R. 10 W., and parts of the N ½ of Section 1, T. 17 S., R. 10 W., W.M.

Operation Schedule: February, 2014 thru December, 2015

Equipment Used Cable machines capable of one end suspension on cable units and track machines on ground base operation.

Roads: Roads thru main part of operation area are rocked and capable of some wet weather haul. Dirt spurs and landings will be reconstructed at time of logging to facilitate haul and logging.

Riparian Zone: Indian Creek is a large fish stream which runs along all five units. Units #1, 2, 4 & 5 are all flagged with red flagging at 100 feet from Indian Creek. Unit #3 is flagged with blue flagging on the south side of Indian Creek from the bridge east at 100 feet. No harvest of trees in the above 100 foot Riparian Area. In Unit #3 the north side of Indian Creek is flagged with red flagging at 100 feet from stream for a distance of 2,000 feet. In this area there are 133 conifers with a total basal area of 507.3 square feet. The standard target is 230 square feet per 1,000 feet of stream:

$$\begin{aligned} 2,000 \text{ feet times } 230 \text{ ft}^2/1000 \text{ feet} &= 460 \text{ ft.}^2 \text{ basal area} \\ 507 \text{ ft.}^2 \text{ less } 460 \text{ ft.}^2 &= 47 \text{ ft.}^2 \end{aligned}$$

This allows 47 square feet of basal area to be harvested out of this Riparian area. Those trees will be marked for cutting in the Riparian area from 50 feet to 100 feet scattered through the 2,000 foot distance to total the 47 square feet of basal area to be removed, filling in a manner that no machinery will be in the 100 foot Riparian area.

There will be a low water crossing between Unit #2 and Unit #4. The crossing will consist of concrete slabs spanning 20 feet of live stream with rock approaches from stream bank to slabs. Slabs will be set on 12" X 12" timbers making rock approaches approximately 20 inches at slabs. In water work will begin July 1 and completion and removal by September 15, 2014. Rock for approaches will be removed from Indian Creek and set back from high water line.

In Unit #4 an unnamed medium fish stream will be crossed during this same period. A culvert will be placed in stream and removed when harvest is complete.

Logging Units:

Unit #1 consists of 19 acres of cable logging. Landing is in northeast corner of unit. Lines will be across Indian Creek and line changes will be done in such a manner as to not change the structure of the RMA.

Unit #2 consists of 116 acres of ground base logging. The haul road through the east boundary of unit passes inside the 100 foot RMA near the 100 foot setback. This area is less than 10 acres of harvest and will be a low volume haul through this area.

Unit #3 consists of 98 acres of 2/3 cable logging and 1/3 ground based logging. Where lines are across Indian Creek line changes will be done in such a manner as to protect those trees left in the RMA.

Unit #4 consists of 62 acres of 3/4 ground base and 1/4 cable logging. A medium fish stream runs through this unit which is on the east side of Indian Creek. This unnamed stream is flagged with red flagging on both sides of stream at 70 feet. This portion of unit has an operating season from July 1 to September 15.

Unit #5 consists of 66 acres of ground base logging.

Other things:

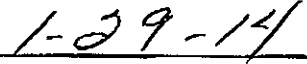
All ground based logging slash will be shovel piled and cable logging will be landing piles away from any standing trees. Plan is to burn piles in the fall.

Road Maintenance:

Normal road maintenance for rock roads and water barred dirt roads before fall rains.



DAVIDSON INDUSTRIES, INC.



DATE

ADDENDUM TO WRITTEN PLAN

NOTIFICATION: 2014-781-00070

During the construction of low water crossing machinery will have to ford Indian Creek during placement and removal of rock and concrete slabs. Forging and in-stream work with machinery will be kept to a minimum.

The wetted portion of stream bank will use a pit run rock to embed into bank for support between bank and the temporary rock fill in stream. Stream work will be completed before the presence of migrating anadromous fish.

Stream banks where road enters RMA will be grass seeded and water barred at completion or before the fall rains.



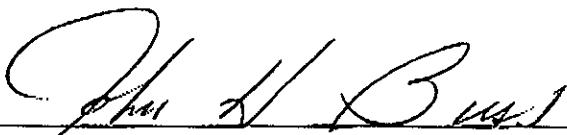
DAVIDSON INDUSTRIES, INC.

1-30-14
DATE

ADDENDUM TO WRITTEN PLAN

OPERATOR: Iron Horse Logging, Inc.
TIMBER OWNER: Philip Davidson.
LAND OWNER: Philip Davidson & Heidi Sause
NOTIFICATION: 2014-781-00070

This addendum is to address the use of a ford across Indian Creek on the road that comes into the tract of land from the South. The purpose is to walk a large feller buncher tract machine down the road from the North where it is working now and ford Indian Creek into Unit #5. The machine will cross Indian Creek once and be hauled out by lowboy when finished with Unit #5. The ford is sandstone bedrock. The entry and exit are sandy and will be monitored for erosion. Any time sediment is moving into stream, bails will be placed to stop any movement into stream.



EBC, LLC
John H. Buss, Agent

12-16-14
DATE

HERE ARE MY REVIEW COMMENTS ON
YOUR WRITTEN PLAN



OREGON DEPARTMENT OF FORESTRY

Operator : Davidson Industries Inc. Landowner: Phillip Davidson & Heidi Sause

Notification #: 14-00070 Operation Name or Vicinity: East Beers Cremo

This information and advice is intended to assist you in achieving compliance with forest resource protection rules and laws.

This is regarding your **Statutory Written Plan** required by :

- ORS 527. 670(3)(a) and OAR 629-605-0170(1)(a) for an operation within 100 feet of a Type F or Type D stream.

After reviewing your written plan, I offer you the following comments.

Fully implementing this written plan is likely to achieve the resource protection standards. This operation will be evaluated on the basis of how well required practices are applied and how well required resource protection is achieved.

Plan receipt date: 01-29-14 Reviewing Stewardship Forester (*type*): Jim Hall

Review / Comments Date: 02/18/14 Office Phone: 541-997-8713 Cell Phone: _____

TO:

<p>John Buss Davidson Industries, Inc. PO Box 7 Mapleton, OR 97453</p>
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