SW OREGON REGIONAL FOREST PRACTICES COMMITTEE OPERATOR OF THE YEAR TOUR

Tour: October 19th, 2022



DIRECTIVE 6-2-6-100, p 1

FOREST OPERATOR RECOGNITION PROGRAM

Recognition Program. **PURPOSE:** This directive establishes guidelines for the Forest Practices Forest Operator

OBJECTIVES:

- ≯ Practices Act and Forest Practice rules. To publicly recognize operators that consistently exceed the Oregon Forest
- ₿ accomplishments. To improve public understanding of the Forest Practices Act and its

economically efficient forest practices that assure the continuous growing and harvesting AUTHORITY: ORS 527.630 It is the "...policy of the State of Oregon to encourage and wildlife resources and scenic resources within visually sensitive corridors. use on privately owned land, consistent with sound management of soil, air, water, fish of forest tree species and the maintenance of forestland for such purposes as the leading

SCOPE: This directive is to be applied statewide.

STANDARDS:

- A. Levels of Recognition (or categories)
- the Forest Practices Act and Forest Practice rules Forest Operator of the Year. The Oregon State Board of Forestry will present three "Forest Practices Forest Operator of the Year" awards to Selected operators will be individuals/companies that consistently exceed operators selected by each of the three regional Forest Practice committees
- 2 Merit Awards. Merit award winners shall be selected from Forest Operator Practices Act and Forest Practice rules. of the Year nominees. Winners must consistently exceed the Forest
- ω operators that have shown concern for the environment during an operation regardless of the degree of operation difficulty or past operator performance Letters of Commendation. Districts should give Letters of Commendation to

FOREST OPERATOR RECOGNITION PROGRAM

STANDARDS: (Cont.)

- ₽ Size of Operation to Recognize. Any size operation may be recognized
- S where the landowner is conducting the operation. landowners will not be considered for recognition as operators except in cases Type of Operation to Recognize. Either companies, contractors or individuals may be recognized. Awards are not limited to harvesting operations. Generally,
- O be considered for Operator of the Year or merit awards. Nomination Screening Criteria. Only operators who meet the following criteria will
- .__ Consistency of the Operator. The operator can be counted upon to consistently do an outstanding job.
- minimum required results prevents resource damage, and results go beyond the rules and the the last two years, and recognition by the Forest Practices forester of "exceeding rules" often. "Exceeds" is defined to mean that the operator "Consistently" is defined as no violations of the Forest Practices Act within
- 2 involved.) Degree of Difficulty. The operator faced a difficult operation. (For example, most operators could do a good job on flat ground with no running streams
- ယ enhancing resources other creative solutions in conducting operations while protecting or Innovation and Extra Effort. The operator used innovations, extra effort or
- 4 Results. The operator achieved resource protection results on the ground which exceed the intent of the rules, or otherwise enhanced protected resources as described in Board of Forestry policy.
- Ö operation. (Money, time, or equipment, as opposed to the landowner paying the operator for cost plus profit.) Financial Risk. The operator assumed some financial risk in conducting the

FOREST OPERATOR RECOGNITION PROGRAM

STANDARDS: (Cont.)

Ш more weight would go to the operator that does an excellent job on several a few operations can still be nominated for regional Forest Operator of the Year, but for regional Forest Operator of the Year. An operator who does an excellent job on operations (either the same or different types of operations) should be considered operator who consistently does an excellent job of exceeding the Act on several operator should be considered for a Letter of Commendation or a Merit Award. for recognized Operator of the Year awards. The operator may have done an excellent job on one operation, but adequate at other times. In such cases, the Weighing Factors. Operators who met all the nomination criteria will be considered The

F. Number of Awards.

- _ Forest Operator of the Year -- One award each for the Eastern Oregon, Southwest Oregon, and Northwest Oregon Forest Practices Regions.
- 2 director believes circumstances warrant otherwise. Merit Awards -- No more than one award per district except when the area
- Letters of Commendation -- No limit.

OPTIONAL RATING FORM OPERATOR RECOGNITION OPERATOR OF THE YEAR

| CRITERIA | POINTS POSSIBLE | SCORE |
|----------------------|-----------------|-------|
| CONSISTENCY | 20 | |
| DIFFICULTY | 15 | |
| CONCERN FOR RESOURCE | 20 | |
| INNOVATION/EFFORT | 15 | |
| RESULTS | 30 | |
| TOTAL SCORE | | |

STOP #1 R & R KING LOGGING

SW Oregon Regional Forest Practices Committee
Operator of the Year Tour – October 21st, 2021



Forest Practices 07/95 -- P.N. 874 DRAFT DIRECTIVE 6-2-6-100, p. 8 Attachment A, p. 3

OPTIONAL RATING FORM OPERATOR RECOGNITION OPERATOR OF THE YEAR

| CRITERIA | POINTS POSSIBLE | SCORE |
|-------------------------|-----------------|-------|
| CONSISTENCY | 20 | |
| DIFFICULTY | 15 | |
| CONCERN FOR RESOURCE | 20 | |
| INNOVATION/EFFORT | 15 | |
| RESULTS | 30 | |
| TOTAL SCORE | | |

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2022 Operator Recognition Program – Nomination Form

AWARD CATEGORY: Operator of the Year / Merit Award

REGION (NW SW)East):

DISTRICT:

NOMINATED BY: Harold Rows

OPERATOR INFORMATION AND MAILING ADDRESS:

Operator Company Name: R&R \
Company Address: P.o. Box 219 RER King Lossing

Company Phone No. 5128- L66 (MS)

Company Email: ובטוק פרר אואים איכר Company Primary Contact Name (Owner): ישראל Contact Cell Phone No. (און) קקק ספנים Bobby KING

Contacts Email: rkwg@cckwg.wcr (54) 999 - 00(e)

Operation Information (Operation as example of work with RFPC tour)

Stand Management () Harvest (え Site Prep () Other (Reforestation () Road Construction ()

Date of Operation: זבול איני דיון איני ופּן ביסבן.

NOAP No. (2021 - 740 - 04 346) (2021 -740-04347) (2021-740-03076)

Location of Operation (Legal Desc & Landmark):

What were the protected resources involved and efforts involved: General Description of Operation:
Harriest operation with 3 Landowner & yandowy wedges plus Estury dwethout

Small Estuary, Significant valuads, small Fish, protection of property on 3 Different Lundowners, Transmoss, special permits

Criteria of Award Nomination

Describe Operator's Consistency in performance over the years (use examples):

R&R King has been a long term Leader in The logging Arcion.
Indounted a Change has moved the judicident to New Houts
Describe the <u>Difficulty</u> and complexity of the operation nominated as well as past operations in regards to protection of forest resources: <u>Operations</u> on 3 Different inaded and of well as past operations in regards to protection of forest resources: <u>Operations</u> on 3 Different inaded and of the well as past operations of operations. waludant to new hights

A mest addounced neighbor no tailholds so tail trees wet land a Estrucy for protection. Describe Results in resource protection and forest management benefits: Describe how the operator was <u>Innovative/Extra Efforts</u> (including matching equipment to the job) or used extra effort on this operation and then Past Operations: Due to yourding Pistimices & 5kg/ime trustholds to TTY 70 was schooled with a boundary Cure major in the communications.

Job results sust wonderful (adjoining reighbor mast very rappy. On the ground results with esturing, significant withholds &

Smell Fish Rayoured A picture book. working with Day has County helped make this unit & success Adjoint LAND EWNES



Describe the Financial Risk assumed by the operator as well as how much influence the landowner had on this operation: a Londowner to work with Palandowner had on this operation: a Londowner to work with Palandowner had on this operation: a Londowner to work with Palandowner had on this operation. I had had be nown for consideration to help form a solid picture of your OTHER INFO that should be known for consideration to help form a solid picture of your 142 dings to protect

nominee: Property Sem 200100 D 80 strict Timeline had to be Z t 923 Dong las complete Coundy. Physical & privary polyred to S 5 Rungowier wwct.

Landowner of Operation listed above:

Email: Title Contact Name: Agency/Company: Rayowitr Arc. I AN. + Hampson @ Layonier . Com W PRING CT INN Thompson

Phone No.

(SZ4)

756-7833

591- 440-4302

Doublas Q 1 4 # DANKEL C 3222407 Shebesta Chund

Nominator(s):

Name:

Agency/Company:

Phone No. (Email:

Name:

Agency/Company:

Email: Phone No. ()

for operators history and experiences: Please Attach if Available (for the selected demonstration operation) or other overall information

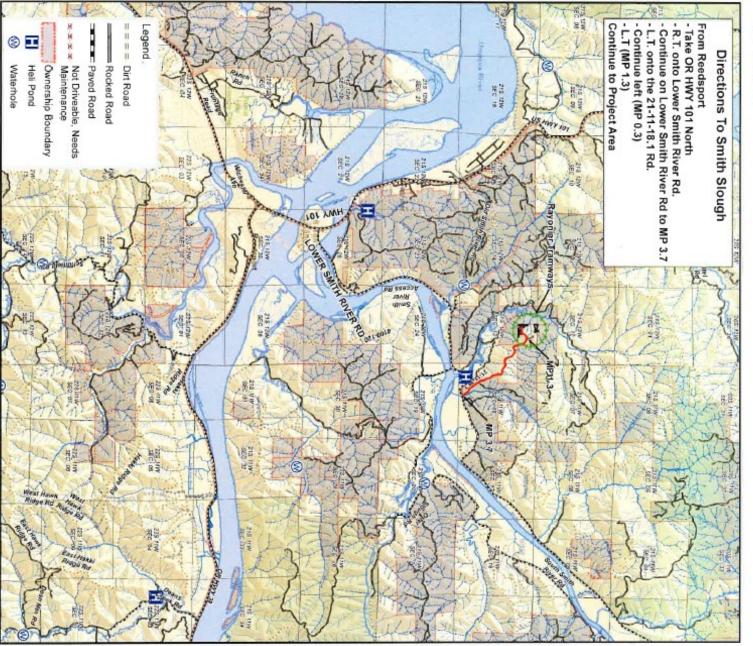
- Written Plan/PFAP
- Location Map
- Operation Map
- Aerial Photo
- Photographs of operation/activities/efforts/etc.
- Letters of Reference/Support
- Any additional documents to support nomination 0 Other landowners
- 0 Other ODF staff Other agencies involved with the nominee on projects
- 0 0 Neighbors/community (ie. Mayor of city or neighbors next to op that have input, etc.)

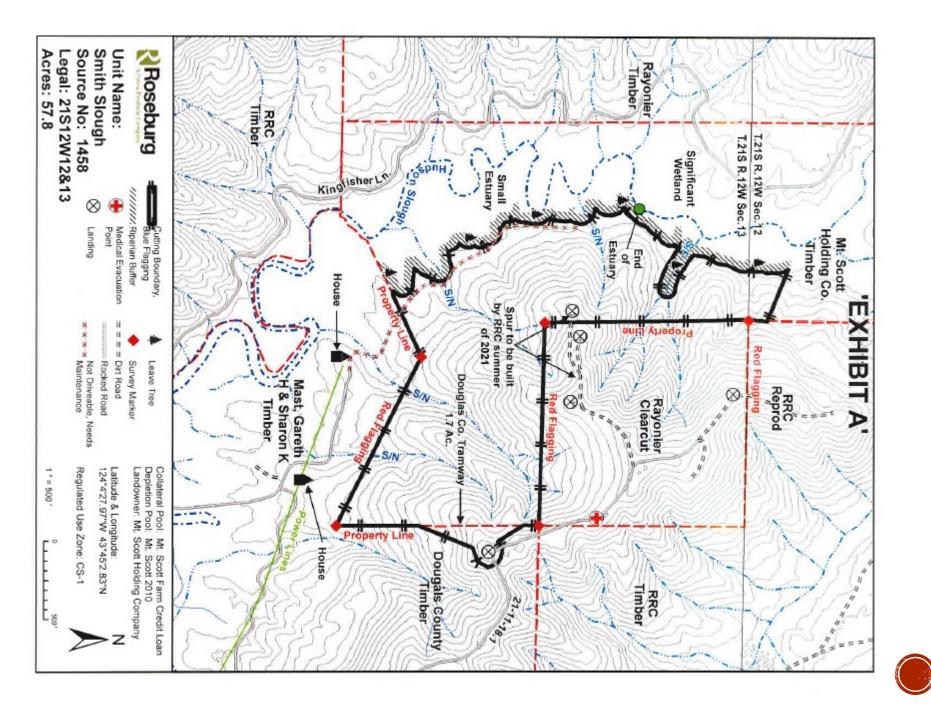


Roseburg Resources Co.



Vicinity Map
Project Name: South Slough
Legal: 13 (21S-12W)
Source No.: 1458 Printed On: 2/8/2021







Smith Slough Buffer Sheet

Small Estuary

perch trees were retained within 100 feet of the estuary and were marked with a blue W. Snags were size class, were removed. All qualifying trees that were left will be used as wildlife trees. Qualifying estuary. A detailed inventory was conducted and less than 50% of the original live trees, by species and retained within 100 feet of the estuary unless deemed a potential hazard to workers. The cutting line is flagged with blue ribbon at a variable distance of 30-100 feet from the edge of the

Large Significant Wetland

species and size class, were removed. All qualifying trees that were left will be used as wildlife trees. Snags were retained within 100 feet of the estuary unless deemed a potential hazard to workers. significant wetland. A detailed inventory was conducted and less than 50% of the original live trees, by The cutting line is flagged with blue ribbon at a variable distance of 30-100 feet from the edge of the

Small Fish (S/F)

All qualifying trees will be used as wildlife trees. No conifer was removed from the RMA The cutting line is flagged with blue ribbon at a variable distance of 30-50 feet from the high water mark.





OPERATE POWER-DRIVEN MACHINERY (NOAP) **NOTIFICATION OF OPERATIONS/PERMIT TO**

Notification Number: 2021-740-03078C

Operation Name: Smith Slough # 1458



This NOAP includes the following for the lands described in the NOAP:

- The notifier has given notice to the State Forester that an operation will be conducted.
- operate power-driven machinery. The Oregon Department of Forestry or local Forest Protective Association has issued a permit to use fire or
- Association to see if additional burn permit and/or Smoke Management Program regulations apply. Before you use fire, contact the local office of the Oregon Department of Forestry or Forest Protective

Person Submitting the NOAP: The notifier has given notice to the State Forester and the Department of Revenue of the intent to harvest timber. Coquille Roseburg Resources Co. This NOAP was CONTINUED on 12/16/2021

and will expire on 12/31/2022

Report Generated: Date NOAP Submitted: March 9, 2021

August 30, 2022

Waiting Period

OAR 629-605-0150(1)). You may ask the Stewardship Forester to waive this 15-day waiting period, but you must You must wait at least 15 days after successful submittal of this NOAP before starting the activities in the NOAP (see wait the full 15 days unless the Stewardship Forester notifies you that you may start sooner.

| Oregon Department of Forestry Contact Info | Operator's Fire Emergency Contact |
|--|--|
| Coos Bay 63612 Fifth Road Coos Bay, Oregon 97420 | Contact Name: Harold Rowe Phone: 541-430-8644 |
| Coos Bay, Oregon 97420 Phone: (541) 267-4136 Stewardship Forester: Jon Laine Email: jon.laine@oregon.gov | |

| Email: Joiliama@oragon.gov | |
|--|---|
| Landowner(s) | Notice to Landowner(s) |
| Mount Scott Holding Company PO Box 1088 Roseburg, Oregon 97487 541-679-3311 | Reforestation may be required after timber harvesting. The Oregon Department of Forestry may conduct on-site inspections for compliance with forest practice and fire protection laws. Land use conversion to non-forest use is subject to other state and local regulations, which may affect use or development of a site. |
| Timber Owner | Notice to Timber Owner |
| Mount Scott Holding Company PO Box 1088 Roseburg, Oregon 97487 541-679-3311 | If timber is harvested, the party owning the timber at the point it is first measured is responsible for payment of Oregon timber taxes. |
| Written Plans | |



the notification waiting period. Contact your Stewardship Forester for more information. resource(s) will be protected during the operation. There is a waiting period for Written Plans that is separate from A Written Plan (in addition to this NOAP) is required before operation activities can begin near the protected Stewardship Forester (<u>OAR 629-605-0170</u> (2), (3), and (5)). The Written Plan must describe in detail how the resources listed with the Unit information or Site Conditions below or otherwise described to you by the

Formal Comments from Oregon Department of Forestry

Jon Laine on 3/26/2021

resource protection standards in the forest practice rules/law that it addresses. the basis of how well required practices are applied and how well required resource protection is achieved. The written plan has been reviewed. Fully implementing this written plan is likely to achieve compliance with esource protection standards in the forest practice rules/law that it addresses. This operation will be evaluated 9

Jon Laine on 3/19/2021

and Wetlands greater than 8 acres, per Notifier request Waiver of the 15 day waiting period is granted for operations greater than 100' from Type F, Type SSBT streams,

Jon Laine on 3/12/2021

The required Statutory Written Plan was received on 3/9/2021. The comment period is in effect

Site Conditions (reported by the Notifier)

Stream within 100 feet of area.

Estuary within 300 feet of area.

Large wetlands (> 8 acres) within 300 feet of area.

Slope of steepest 1/3 area: 45 %.

Notices

inspections. The landowner must notify the stewardship forester to withdraw this consent. to access the property to ensure compliance with state law and rules governing forest practices through on-site Submitting this Notification of operations on lands described in the NOAP constitutes consent for Department staff

landowner and timber owner. Permission from Landowner and Timber Owner Required for Operators, purchasers, contractors, general public: enter someone else's land or remove forest products. Anyone doing so must first obtain permission from the Submitting this notification does **not** give permission for operators, purchasers, contractors, or the general public to

for information on allowed uses of pesticide products. pesticide product allows the planned use! Contact the Oregon Department of Agriculture here or at 503-986-4635 applications near or into streams or other water bodies! Pesticide users must be sure the label that comes with the Pesticide Use: Pesticide users must follow all pesticide product label requirements, including any that prohibit

OAR 437-007-0230 - Power Line Safeguards. Identification tags are located on each pole. overhead utility lines contact the local utility in accordance with ORS 757.805 - Oregon's Overhead Safety Act and Operations Near Utility Lines: If you are conducting timber harvesting or road construction within 100 feet of

construction, or any other activities involving excavation that may affect an underground utility line. The Center will Call the Oregon Utility Notification Center at 811 at least 2 business days before starting timber harvesting, road coordinate with the appropriate utility companies to locate underground utility lines that may be affected by your

Resources Department and the Oregon Department of Fish and Wildlife (see ORS 537.141). mix pesticides or for slash burning, you must provide a copy of this NOAP to the local offices of the Oregon Water Using Water for Pesticides or Slash Burning: If you plan to use on-site water (water from a stream, for example) to

the Notification Summary page within the E-Notification system or contact ODF for more details. Registrants & Subscribers: There may be registrants and/or subscribers who receive this Notification. See

activity takes place. NOAP Changes: The notifier must inform the Oregon Department of Forestry of any changes in a NOAP before the A new NOAP may be required



Unit 1 of 1: Smith Slough # 1458

56.1 acres Douglas County(s)

T21S R12W Sec12,T21S R12W Sec13 Regulated Use Area: CS-1

| against 1000.00 miles |
|--|
| Roseburg, Oregon 97487 541-679-3311 |
| Operator:Activity: Treatment of SlashMethod(s): Mechanical,Mount Scott Holding CompanyStart: 10/15/2021End: 12/31/2022Burning - piles, BroadcastPO Box 1088Remarks:Remarks:burning |

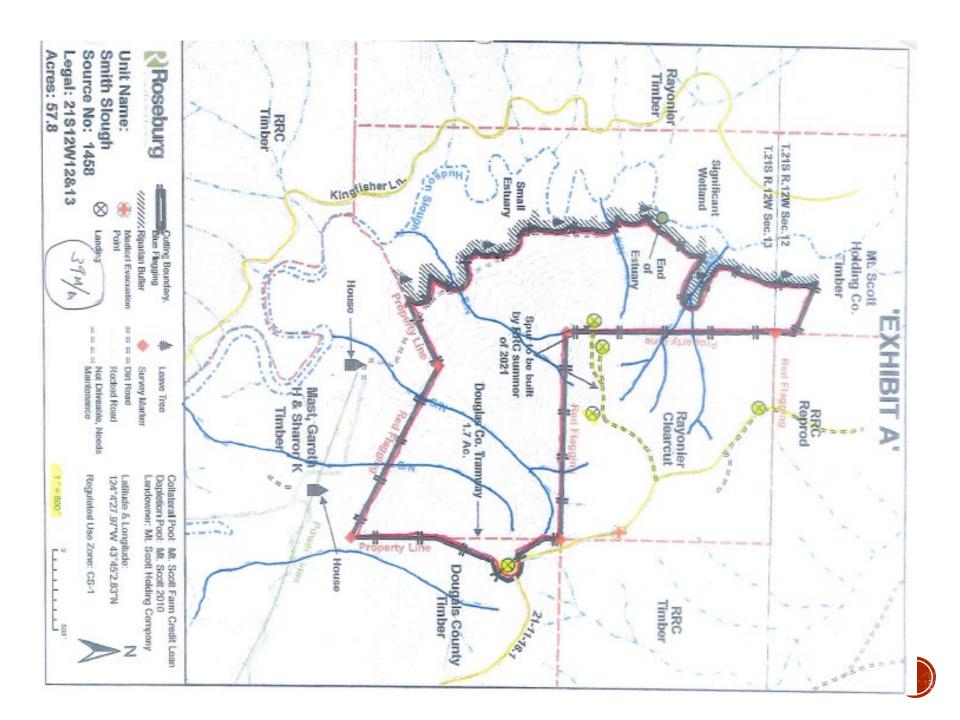
| Resources on or near this Unit | |
|--|--|
| Statutory Written Plan required within 100 feet of | Statutory Written Plan required within 300 feet of |
| Wetlands: Freshwater Emergent Wetland, Freshwater | |

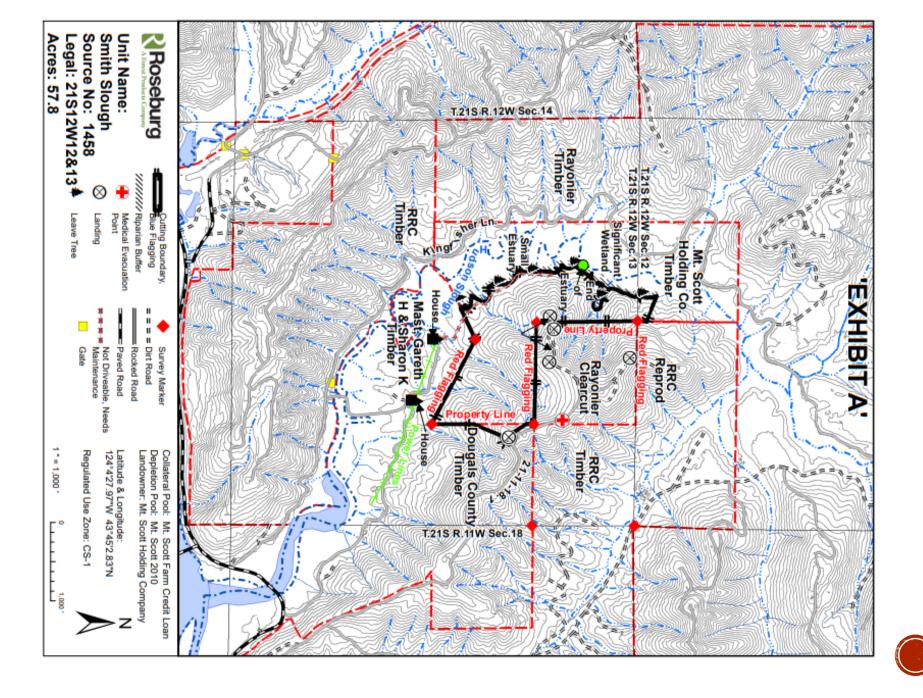
Notes:

- A statutory written plan is required for operations within 300 feet of Estuarine or Marine Wetlands, not 100 feet as may be shown above.
- Contact your Stewardship Forester about streams not shown on the map.

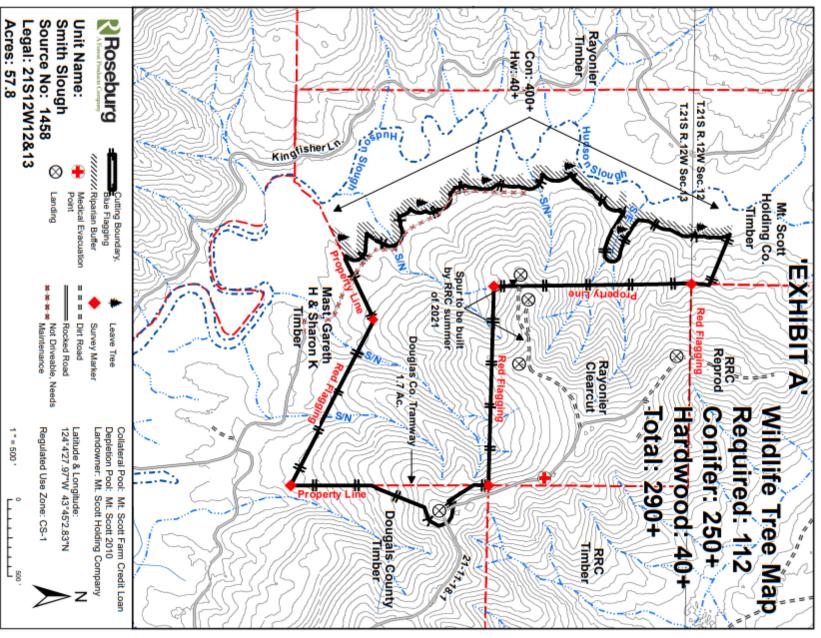
Z T21S Unit Map: Smith Slough # 1458 R12W mi 19 -

Smith Slough # 1458 (2021-740-03078)













March 9, 2021

State of Oregon Department of Forestry

Subject: Smith Slough # 1458

the vicinity of Smith River. This is a written plan for Smith Slough (#1458). It addresses cutting & yarding activities in

workers as per OSHA safety rules. blue W's. Snags were retained within 100 feet of the estuary unless deemed a potential hazard to wildlife trees. Qualified perch trees were retained within 100 feet of the estuary and were marked with live trees, by species and size class, were removed. All qualified trees that were left will be used as from the edge of the estuary. A detailed inventory was conducted and less than 50 % of the original (Small Estuary): The cutting line is flagged in blue ribbon at a variable distance of 30 to 100 feet

deemed a potential hazard to workers as per OSHA safety rules. to 100 feet from the edge of the significant wetland. A detailed inventory was conducted and less than left will be used as wildlife trees. Snags were retained within 100 feet of the large wetland unless 50% of the original live trees, by species and size class, were removed. All qualified trees that were (Large Significant Wetland). The cutting line is flagged with blue ribbon at a variable distance of 30

high water mark. All qualified trees will be used as wildlife trees. No conifer was removed from the (Small Fish): A cutting line is flagged with blue ribbon at a variable distance of 30 to 50 feet from the

where necessary to help hold logs above the RMA. minimize soil disturbance and to prevent logs from sliding into the RMA. High stumps will be left The timber above the RMA will be directional fell along the contours of the slope and to the best lay to RMA Cutting: All timber above the RMA's perimeter will be cut subject to the following constraints.

taken, we will try to pick natural openings to minimize corridor width and damage to any vegetation on each road change. Contract logger will be responsible for not removing dead and downed material logging roads that hang through the RMA. Road layouts will be respooled and restrung through RMAs the unit boundary contractor will maximize lateral yarding capabilities to minimize the number of Logs and large debris (limbs, tops) that enter the stream will be removed concurrently with logging within the RMAs. RMA Protection: If necessary to hang through the RMA to achieve adequate deflection to log within If a corridor has to be cut through the RMA for safety none of the trees will be

Harold Rowe Senior Contract Administrator





OPERATE POWER-DRIVEN MACHINERY (NOAP) NOTIFICATION OF OPERATIONS/PERMIT TO

Notification Number: 2021-740-04346

Operation Name: Smith Slough



This NOAP includes the following for the lands described in the NOAP:

The notifier has given notice to the State Forester that an operation will be conducted

operate power-driven machinery. The Oregon Department of Forestry or local Forest Protective Association has issued a permit to use fire or

The notifier has given notice to the State Forester and the Department of Revenue of the intent to harvest timber.

Date NOAP Submitted: Person Submitting the NOAP: RRC Operations April 5, 2021

Report Generated: August 30, 2022

Waiting Period

OAR 629-605-0150(1)). You may ask the Stewardship Forester to waive this 15-day waiting period, but you must You must wait at least 15 days after successful submittal of this NOAP before starting the activities in the NOAP (see wait the full 15 days unless the Stewardship Forester notifies you that you may start sooner.

| want the Jan 12 and a miles the seeming the ester monlies you that you may start sooner. | ujies you mut you muy start sooner. |
|---|---|
| Oregon Department of Forestry Contact Info | Operator's Fire Emergency Contact |
| Coos Bay 63612 Fifth Road Coos Bay, Oregon 97420 Phone: (541) 267-4136 Stewardship Forester: Jon Laine Email: jon.laine@oregon.gov | Contact Name: Harold Rowe Phone: 541-430-8644 |
| Landowner(s) | Notice to Landowner(s) |
| Mark Hoye Rayonier Forest Resources LP 2990 Broadway Ave. North Bend, Oregon 97459 (541) 435-2607 | Reforestation may be required after timber harvesting. The Oregon Department of Forestry may conduct on-site inspections for compliance with forest practice and fire protection laws. Land use conversion to non-forest use is subject to other state and local regulations, which may affect use or development of a site. |
| Harbar Amaza | Hadina to Timbar Onimar |
| Timber Owner Roseburg Resources Company | Notice to Timber Owner If timber is harvested, the party owning the timber at the |
| Roseburg Resources Company PO Box 1088 Roseburg, Oregon 97470 541-679-3311 | If timber is harvested, the party owning the timber at the point it is first measured is responsible for payment of Oregon timber taxes. |
| Written Plans | |

resource(s) will be protected during the operation. There is a waiting period for Written Plans that is separate from Stewardship Forester (OAR 629-605-0170 (2), (3), and (5)). The Written Plan must describe in detail how the resources listed with the Unit information or Site Conditions below or otherwise described to you by the A Written Plan (in addition to this NOAP) is required before operation activities can begin near the protected the notification waiting period. Contact your Stewardship Forester for more information.



Formal Comments from Oregon Department of Forestry

Jon Laine on 4/12/2021

Resource review complete. Landowner changed on 4/12/2021, prior to operations, per Notifier request

Notices

inspections. The landowner must notify the stewardship forester to withdraw this consent. Submitting this Notification of operations on lands described in the NOAP constitutes consent for Department staff to access the property to ensure compliance with state law and rules governing forest practices through on-site

landowner and timber owner. enter someone else's land or remove forest products. Anyone doing so must first obtain permission from the Submitting this notification does **not** give permission for operators, purchasers, contractors, or the general public to Permission from Landowner and Timber Owner Required for Operators, purchasers, contractors, general public:

applications near or into streams or other water bodies! Pesticide users must be sure the label that comes with the for information on allowed uses of pesticide products pesticide product allows the planned use! Contact the Oregon Department of Agriculture here or at 503-986-4635 **Pesticide Use:** Pesticide users must follow all pesticide product label requirements, including any that prohibit

overhead utility lines contact the local utility in accordance with ORS 757.805 - Oregon's Overhead Safety Act and OAR 437-007-0230 - Power Line Safeguards. Identification tags are located on each pole. Operations Near Utility Lines: If you are conducting timber harvesting or road construction within 100 feet of

coordinate with the appropriate utility companies to locate underground utility lines that may be affected by your construction, or any other activities involving excavation that may affect an underground utility line. The Center will Call the Oregon Utility Notification Center at 811 at least 2 business days before starting timber harvesting, road

mix pesticides or for slash burning, you must provide a copy of this NOAP to the local offices of the Oregon Water Resources Department and the Oregon Department of Fish and Wildlife (see ORS 537.141). Using Water for Pesticides or Slash Burning: If you plan to use on-site water (water from a stream, for example) to

the Notification Summary page within the E-Notification system or contact ODF for more details Registrants & Subscribers: There may be registrants and/or subscribers who receive this Notification. See

activity takes place. A new NOAP may be required NOAP Changes: The notifier must inform the Oregon Department of Forestry of any changes in a NOAP before the



Unit 1 of 2: Smith Slough NC

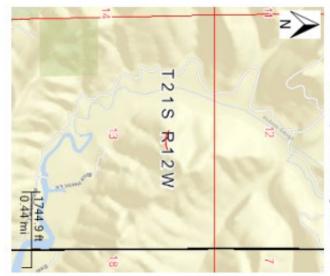
451.1 feet Douglas County(s) T21S R12W Sec13 Regulated Use Area: CS-1

Operator: RRC Operations Roseburg Resources Co PO Box 1088 Roseburg, Oregon 97470 (541) 679-3311

> Activity: Road Construction Start: 4/20/2021 End: 12/31/2021 Remarks:

Method(s): Excavator, Dozer, Grader Quantity: 1.00 MBF

Unit Map: Smith Slough NC





Unit 2 of 2: Smith Slough Rayonier Tramways

4.3 acres Douglas County(s) T21S R12W Sec12,T21S R12W Sec13 Regulated Use Area: CS-1

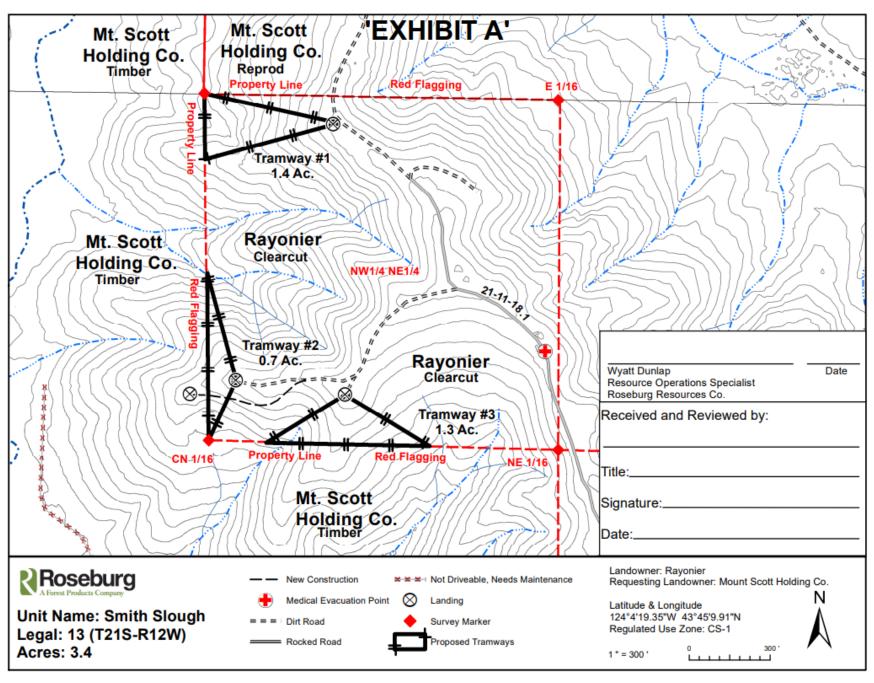
Operator: RRC Operations Roseburg Resources Co PO Box 1088 Roseburg, Oregon 97470 (541) 679-3311

Activity: Clearcut/Overstory Removal Start: 4/20/2021 End: 12/31/2021 Remarks: Tramways

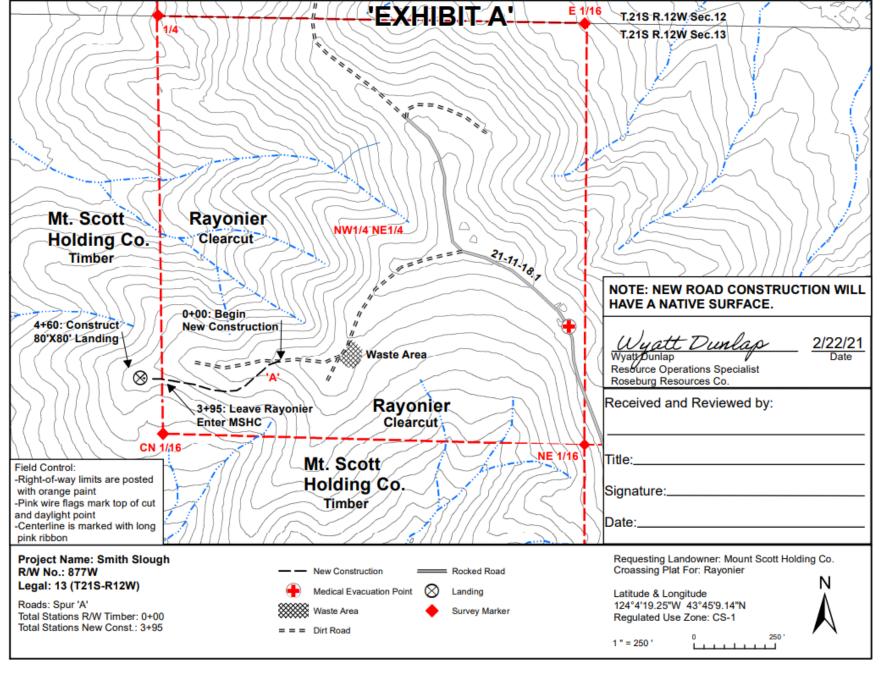
Method(s): Cable Quantity: 6.00 MBF

Unit Map: Smith Slough Rayonier Tramways















Rayonier Attn: Mark Hoye 2990 Broadway Avenue North Bend, OR 97459

February 8, 2021

RE: Smith Slough Tramway

Mark,

of Section 13, T. 21 S., R. 12 W., W.M. This request is for a tramway on Rayonier property in the NW ¼ of the NE ¼ of Section 13, T. 21 S., R. 12 W., W.M. Please find enclosed a tramway request to access Mount Scott Holding Co. property in the NW 1/2

blue a "C" will be cut as part of the tramway. Field control consists of blazes and red ribbon marking the property line. All trees marked with

cut and remove such timber for 18 months after the date the contract is signed by the Rayonier will be the purchaser of the timber. Roseburg Resources Co. would like to request the right to Contracting Officer. This tramway will have merchantable Rayonier timber to purchase. Roseburg Resources Co.

the timber. Please send documents to our Vaughn office purchase of the timber. Also, provide the total purchase price and total volume by species for Please sign and return one copy of the enclosed tramway request and the terms for the

If any additional information is needed, contact me at (541)-556-8570

Thank you,

Wyatt Dunlap
Resource Operations Specialist I
Roseburg Resources Co.
23129 Vaughn Road
Veneta, OR 97487
Tel. (541) 935-2507 Ext. 55516
Cell: (541) 935-2509
Fax. (541) 935-2509
wyattd@rfpco.com

CC: Dave Friedlein Encl.

Tramway Map
 Vicinity Map

Vicinity Map





OPERATE POWER-DRIVEN MACHINERY (NOAP) **NOTIFICATION OF OPERATIONS/PERMIT TO**

Notification Number: 2021-740-04347

Operation Name: Smith Slough DC



This NOAP includes the following for the lands described in the NOAP:

- The notifier has given notice to the State Forester that an operation will be conducted.
- operate power-driven machinery. The Oregon Department of Forestry or local Forest Protective Association has issued a permit to use fire or
- The notifier has given notice to the State Forester and the Department of Revenue of the intent to harvest timber.

Date NOAP Submitted: Person Submitting the NOAP: RRC Operations April 5, 2021

Report Generated: August 30, 2022

Waiting Period

OAR 629-605-0150(1)). You may ask the Stewardship Forester to waive this 15-day waiting period, but you must You must wait at least 15 days after successful submittal of this NOAP before starting the activities in the NOAP (see wait the full 15 days unless the Stewardship Forester notifies you that you may start soc

| man the lant to make anness the account nouth to easter morbies for that for man even society | noujes you man you may start sooner. |
|---|--------------------------------------|
| Oregon Department of Forestry Contact Info | Operator's Fire Emergency Contact |
| Coos Bay | Contact Name: Harold Rowe |
| 63612 Fifth Road | Phone: 541-430-8644 |
| Coos Bay, Oregon 97420 | |
| Phone: (541) 267-4136 | |
| Stewardship Forester: Jon Laine | |

| Email: jon.laine@oregon.gov | |
|---|---|
| Landowner(s) | Notice to Landowner(s) |
| Spencer Shebesta Douglas County Land Department Justice Building Room 116 1036 SE Douglas Roseburg, Oregon 97470 (541) 440-4302 | Reforestation may be required after timber harvesting. The Oregon Department of Forestry may conduct on-site inspections for compliance with forest practice and fire protection laws. Land use conversion to non-forest use is subject to other state and local regulations, which may affect use or development of a site. |
| Timber Owner | Notice to Timber Owner |
| Roseburg Resources Company PO Box 1088 Roseburg, Oregon 97470 541-679-3311 | If timber is harvested, the party owning the timber at the point it is first measured is responsible for payment of Oregon timber taxes. |

Written Plans

Stewardship Forester (OAR 629-605-0170 (2), (3), and (5)). The Written Plan must describe in detail how the the notification waiting period. Contact your Stewardship Forester for more information. resource(s) will be protected during the operation. There is a waiting period for Written Plans that is separate from resources listed with the Unit information or Site Conditions below or otherwise described to you by the A Written Plan (in addition to this NOAP) is required before operation activities can begin near the protected



Formal Comments from Oregon Department of Forestry

Jon Laine on 4/9/2021 Resource review complete

Notices

inspections. The landowner must notify the stewardship forester to withdraw this consent. to access the property to ensure compliance with state law and rules governing forest practices through on-site Submitting this Notification of operations on lands described in the NOAP constitutes consent for Department staff

enter someone else's land or remove forest products. Anyone doing so must first obtain permission from the Submitting this notification does not give permission for operators, purchasers, contractors, or the general public to landowner and timber owner. Permission from Landowner and Timber Owner Required for Operators, purchasers, contractors, general public:

applications near or into streams or other water bodies! Pesticide users must be sure the label that comes with the Pesticide Use: Pesticide users must follow all pesticide product label requirements, including any that prohibit for information on allowed uses of pesticide products. pesticide product allows the planned use! Contact the Oregon Department of Agriculture <u>here</u> or at 503-986-4635

overhead utility lines contact the local utility in accordance with ORS 757.805 - Oregon's Overhead Safety Act and Operations Near Utility Lines: If you are conducting timber harvesting or road construction within 100 feet of OAR 437-007-0230 - Power Line Safeguards. Identification tags are located on each pole.

construction, or any other activities involving excavation that may affect an underground utility line. The Center will coordinate with the appropriate utility companies to locate underground utility lines that may be affected by your Call the Oregon Utility Notification Center at 811 at least 2 business days before starting timber harvesting, road

Using Water for Pesticides or Slash Burning: If you plan to use on-site water (water from a stream, for example) to mix pesticides or for slash burning, you must provide a copy of this NOAP to the local offices of the Oregon Water Resources Department and the Oregon Department of Fish and Wildlife (see ORS 537.141).

the Notification Summary page within the E-Notification system or contact ODF for more details Registrants & Subscribers: There may be registrants and/or subscribers who receive this Notification. See

activity takes place. NOAP Changes: The notifier must inform the Oregon Department of Forestry of any changes in a NOAP before the A new NOAP may be required.



Unit 1 of 1: Smith Slough DC Tramway

2.4 acres Douglas County(s) T21S R12W Sec13 Regulated Use Area: CS-1

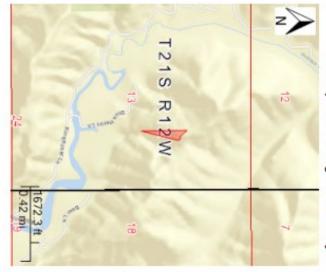
Operator:

RRC Operations
Roseburg Resources Co
PO Box 1088
Roseburg, Oregon 97470
(541) 679-3311

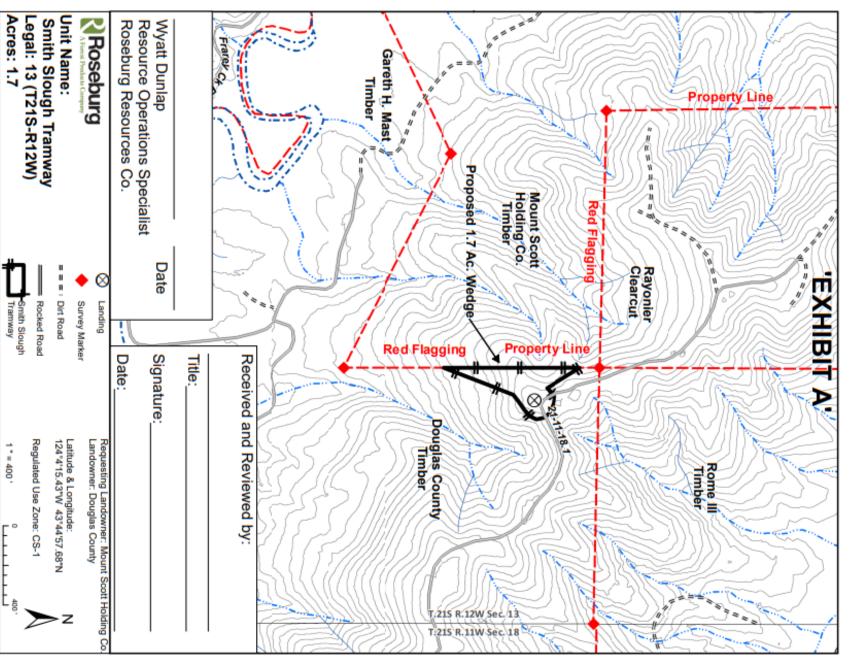
Activity: Clearcut/Overstory Removal Start: 4/20/2021 End: 12/31/2021 Remarks:

Method(s): Cable Quantity: 50.00 MBF

Unit Map: Smith Slough DC Tramway









PERMIT OF ENTRY

using the Property for a landing and yarding wedge. address is PO Box 1088, Roseburg, Oregon 97470 permission to enter upon that certain parcel(s) of land described in Exhibit A attached hereto ("the Property") for the purpose of the State of Oregon ("County") grants ROSEBURG RESOURCES CO ("Permittee"), whose Subject to the following conditions, DOUGLAS COUNTY, a political subdivision of

- Permittee's obligations and duties:
- restore the Property to the same condition as when entered upon. 1.1 Permittee shall pay County for all damages to the Property and shall
- employees, agents, guests, and invitees. employees, directors, agents, and contractors) of Permittee, including its officers torts or liabilities (including, but not limited to, those of Permittee's officers, or property arising out of Permittee's use of the Property or the negligence or other County's officers, employees, and agents against any liability or damage to persons 1.2 Permittee shall defend, indemnify, and hold harmless County, and
- of this permit: 1.3 Permittee shall, at its own expense, maintain in force at all times during the term
- \$2,000,000 in the aggregate minimum coverage of \$1,000,000 combined single limit per occurrence and products and completed operations coverage. Coverage shall be equal to or greater than the limits under the Oregon Tort Claims Act (ORS 30.260 to 30.302), with 1.3.1 A commercial general liability policy acceptable to County, including
- of at least \$1,000,000 combined single limit per accident. 1.3.2 Automobile liability insurance coverage acceptable to County with limits
- made" coverage will not be accepted. 1.3.3 Permittee's insurance must provide "occurrence" coverage; "claims
- primary with respect to the interest of County, whose insurance shall be excess and under Permittee's liability insurance policies, and that Permittee's insurance shall be officers, employees, and agents shall be named additional insureds by endorsement 1.3.4 Permittee agrees that as a condition of this permit, County and its
- County for its review and approval before using the Property. 1.3.5 Permittee shall supply certificates of coverage and endorsements to
- workers compensation coverage for employees of Permittee who perform work on 656.005 and that Permittee will comply with ORS 656.017. Permittee shall provide 1.3.6 Permittee agrees that it is a "subject employer" as defined by ORS



coverage to County. Property under this permit until it has provided proof of workers compensation the Property under this permit, and Permittee shall not commence use of the

- compensation coverage. contractor(s) provide the same insurance required of Permittee, including workers 1.3.7 If Permittee uses any contractors, it shall require and assure that such
- employees, and agents, guests, invitees and others designated by Permittee to perform work or services attendant to this permit, the condition of the property "as is employees, agents, guests, and invitees. Permittee accepts for itself, and for its officers County has made no representations as to the condition of the Property and Permittee assumes all risks of damage to property or injury to persons, including Permittee's officers.
- During fire season, Permittee agrees to comply with all Coos Forest Protective requirements and access restrictions. Association regulations pertaining to required tools, fire extinguishers, on site water volume
- This permit is not assignable.
- be recorded in the County deed records. any part thereof, saving only the personal permission hereby granted. Permittee disclaims any right, title, estate or interest whatsoever in the land described or This permit shall not
- acknowledged. The amount for this permit is consistent with the value of timber removed from County property less the cost of reforestation per County's appraisal. The consideration for this permit shall be \$4,180.00. The receipt of which is hereby
- advance written notice of termination. reserving to the County the right to terminate this Permit upon providing Permittee 30 days The term of this Permit shall be for a period from March 15, 2021 to March 15, 2023
- active roadways Permittee agrees to follow all safety regulations relating to cable logging on, over, or near
- restrictions that may block or slow their access on this road. Permittee will notify other resource landowners that use Road 21-11-18.1 of any
- the areas shown on Exhibit A for yarding purposes. Permittee has agreed to replant the from the timber value owed by Permittee. seedlings and planting labor has been estimated to be \$600.00 and has been deducted yarding wedge and access for that operation will extend to March 2023. The cost of Permittee will be allowed to use roads, an existing landing, stumps, and can cut trees in

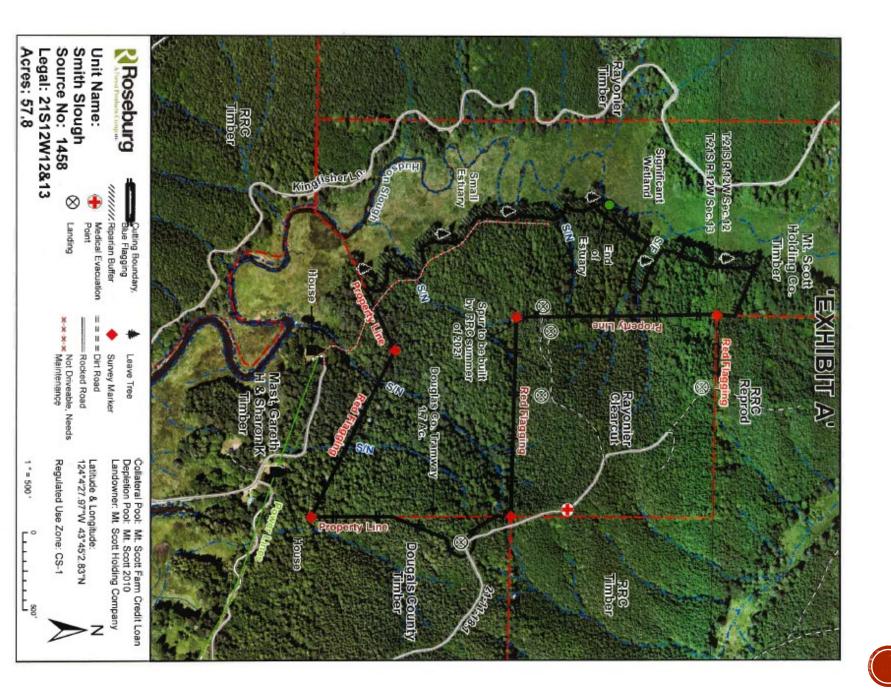
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2-PERMIT OF ENTRY

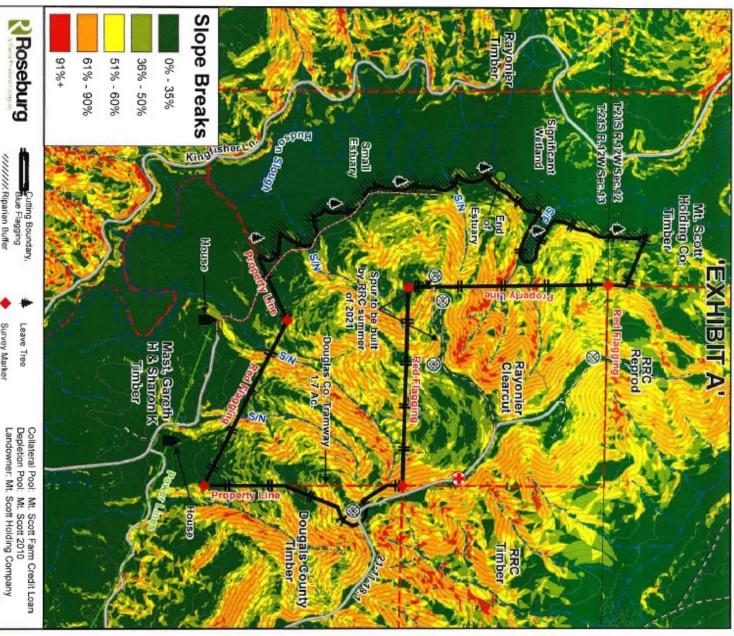
Roseburg Resources (THP Edits 2.5.2021) (002).docx) January 20, 2021 (C:\Users\MatthewB\AppData\Local\Microsoft\Windows\\NetCache\Content.Outlook\D0X5\T3\\Permit of Entry -

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| PERMITTEE), B | BOARD OF COMMISSIONERS OF DOUGLAS COUNTY |
|---------------------------------|---|
| By Jet take | Ву |
| 1/ | Ćhair |
| Print Name Scott HOFFING | Ву |
| Tille Comment of the Aven By | Commissioner |
| | Commissioner |
| Date 2/23/2021 | Date |
| REVIEWED AS TO CONTENT | REVIEWED AS TO FORM |
| By Planning Director Date | By County Counsel Date |
| | |







Smith Slough Unit Name:

/////// Riparian Buffer

Medical Evacuation

= Dirt Road

Survey Marker Leave Tree

Source No:

1458

Landing Point

Not Driveable, Needs Maintenance Rocked Road

Regulated Use Zone: CS-1

Latitude & Longitude: 124*4'27.97"W 43*45'2.83"N

1"= 500

Legal: 21S12W12&13

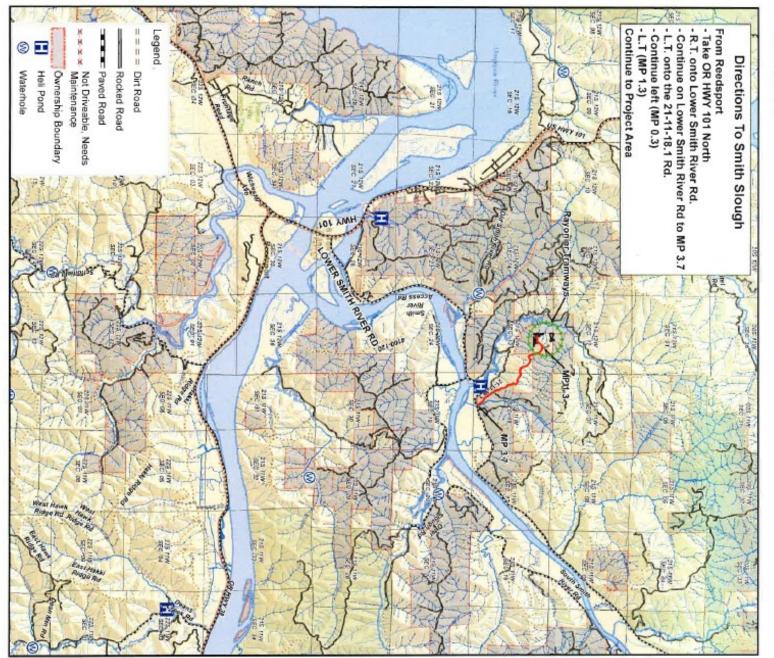
Acres: 57.8



Roseburg Resources င္ပ

20 = 5,280 fee

Vicinity Map
Project Name: South Slough
Legal: 13 (21S-12W)
Source No.: 1458 2 Wiles Printed On: 2/8/2021



STOP #2 STRAIN EXCAVATING & TRUCKING

SW Oregon Regional Forest Practices Committee Operator of the Year Tour – October 19th, 2021



Forest Practices 07/95 -- P.N. 874 DRAFT DIRECTIVE 6-2-6-100, p. 8 Attachment A, p. 3

OPTIONAL RATING FORM OPERATOR RECOGNITION OPERATOR OF THE YEAR

| CRITERIA | POINTS POSSIBLE | SCORE |
|-------------------------|-----------------|-------|
| CONSISTENCY | 20 | |
| DIFFICULTY | 15 | |
| CONCERN FOR RESOURCE | 20 | |
| INNOVATION/EFFORT | 15 | |
| RESULTS | 30 | |
| TOTAL SCORE | | |

626100.doc/D.8





<u> 2022 Operator Recognition Program –</u> Nomination Form

AWARD CATEGORY: Operator of the Year / Merit Award

REGION (NW/SW/East): Southwest DISTRICT: Coos Bay

NOMINATED BY: Jennifer Ward

OPERATOR INFORMATION AND MAILING ADDRESS:

Company Address: 64387 Landrith Road, Coos Bay OR 97420 Company Phone No. (541) 267-4184 Contacts Email: k-and-d@msn.com Contact Cell Phone No. (541) 404-4209 Company Primary Contact Name (Owner): Dave Strain Company Email: k-and-d@msn.com Operator Company Name: Strain Excavating & Trucking

Operation Information (Operation as example of work with RFPC tour)

Activities Harvest () Stand Management (Site Prep () Reforestation () Road Construction (X)

Date of Operation: August – September 2021

NOAP No. 2021-740-07073

R10W Section 20 3000rd/1000rd junction. Location of Operation (Legal Desc & Landmark): Coos Bay Weyerhaeuser Tree Farm T24S

Medium Type F stream with a box culvert with precast concrete slab set on top of concrete eco blocks General Description of Operation: Replacement of a failing corrugated metal culvert in a

project is just one of many every year where Strain used his ingenuity to design sediment sediment traps to control any road generated sediment from entering the streams. This and into Matson Creek. He designed coffer dams both upstream and downstream to isolate confluence with Matson Creek which increased the complexity of sediment control. Strain concrete footings and a precast concrete slab on top. The project was located nearly at the corrugated metal culvert on a main haul route with a 3-block high designed box culvert with Matson Creek, a Large Type F stream. This project involved replacing an undersized replacement was within the RMA of both Conklin Creek, a Medium Type F stream and What were the protected resources involved and efforts involved: The 3000rd/1000rd culvert control features for the utmost protection of all aquatic organisms installation was complete Strain used a combination of road sloping, rock berms and dam in case of unexpected rain. This project took over a month to complete and after the the project area from any connection with streams during the project. He used a naturally formed depression within the Matson Creek RMA as an overflow to the downstream coffer used a pumping platform with fish screens to divert upstream flow around the project area



Criteria of Award Nomination

Describe Operator's Consistency in performance over the years (use examples):

capturing the small details that can improve water quality at each unique site with a goal of improving infrastructure and expanding aquatic habitat with a focus on potential habitat. Throughout these years of work, he has continued to improve his methods Strain Excavating has been the lead operating company completing mid to large scale stream enhancement projects on the Coos Bay Weyerhaeuser Tree farm for the past 14 He has completed multiple fish crossings each summer opening miles of high intrinsic

attention to detail and commitment to protecting aquatic organisms not only during the project but throughout the lifespan of the structure. culvert, 7000 log placement, Skip Creek culverts, and the Koostone bridge and Kenstone box culvert which received a DOGAMI award in 2013. All of these projects demonstrate Strains the larger recent projects Strain has worked on include replacing the 4000 bridges, 7000 box partnering up with both Weyerhaeuser and the local Coos Watershed Association. Some of demolishing triple span bridges. Over the years some of these larger projects have included These projects range in size from replacing old impassable steel culverts with box culverts to

in regard to protection of forest resources Describe the *Difficulty* and complexity of the operation nominated as well as past operations

completing these complex projects. rounded approach to managing resources such as turbidity, temperature, and fish while planning and constructing well thought out water management on streams for long periods of on bridge demolition and bridge and culvert replacement projects over large coastal rivers, to Over the years, Dave Strain has been asked to tackle very complex operations from working His attention to detail distinguishes his operation as a leader in the industry with a

precautions and attention to detail the project took over a month to complete material to be able to countersink the eco blocks so concrete footings had to be installed for stability of the crossing. With these factors and the sensitive location requiring additional have a suitable location to store the material on site. Due to bedrock there was not sufficient material that had to be hauled and stored at a different location as the project location did not logging operation quicker access coming to and leaving the job site and would provide quicker access for emergency vehicles if needed. There was a considerable amount of fill haul routes. There was a bypass road left in place throughout the project to allow the nearby increased the difficulty and complexity of the project requiring additional sediment control measures to be put into place. The project was also located at the intersection of two main This specific project's location in between a bedrock falls and a large fish bearing stream

Describe how the operator was <u>Innovative/Extra Efforts</u> (including matching equipment to the job) or used extra effort on this operation and then Past Operations:

this project and in the majority of the work that he does salvage from the worksite, and creating exclusion areas. All of these techniques were used in use of multiple coffer dams separating live water from the work channel, implementing fish Practices for others in the industry doing similar activities. Some of these measures include the plans and a fish exclusion plan for each project that helped develop Best Management During construction projects Strain has been an early adopter of developing water management



outs, double ditches, settling ponds etc. Each Best Management Practice diverts sediment onginal channel away from waters of the State and utilizes natural methods of filtration to return water to the ensure water quality. These methods include managing road grades away from streams, ditch-Where Strain showcases his innovation is with his ability to identify all potential delivery methods to waters of the State and address them with the use of Best Management Practices to

Describe Results in resource protection and forest management benefits

The results of Strains attention to detail has been a positive impact in the Coos Watershed ranging from increased fish habitat to higher water quality. His skill sets both on the equipment of knowledge has been recognized as a way to add Best Management Practices to even the managing complex construction projects around protected resources. His leadership and years and his commitment to unique approaches has given him the opportunity to become a leader in smallest of projects

landowner had on this operation: Describe the Financial Risk assumed by the operator as well as how much influence the

July 1st through September 15th. This has led to a shift in operating equipment and an Over time, Strain has positioned himself away from typical year-round road construction and instead increased focus on "In-Stream" projects that have a shorter operating window, from available during the operating window. increased reliance on third party permissions and permitting that can lead to a delay in work

which has led to a more streamlined implementation in an already narrow operating window. Over the years of working with Weyerhaeuser's Coos Bay Engineering Department their partnership has allowed Strain to grow his skills and try new things. Based on this cooperation, past construction results have been incorporated into engineering designs

nominee OTHER INFO that should be known for consideration to help form a solid picture of your

can share them with other landowners and operators as an example of how sediment can be Dave Strain is an owner operator usually working 7 days a week during the summer months squeezing in as many projects on the schedule as possible during the tight "In Water Work managed in critical locations improve the excellent work he already does. I regularly take pictures of Dave's work so that I interacts with the ODF stewardship forester looking for feedback and ways to continue to Window" while still being his own weekend mechanic and bookkeeper. He has been in business since 1982 with a lifetime commitment to natural resources. He consistently

Landowner of Operation listed above:

Agency/Company: Weyerhaeuser Company Contact Name: Jason Richardson Title: Region Engineer for South Oregon Email: Jason.richardson@weyerhaeuser.com Phone No. (541) 404-3707



Nominator(s):

Name: Jennifer Ward

Agency/Company: ODF Title: Stewardship Forester

Email: Phone No. Jennifer.D.Ward@odf.oregon.gov lo. (541) 267-1748

Name: Jason Richardson

Agency/Company: Weyerhaeuser Title: Region Engineer for South Oregon

Email: Jason.richardson@weyerhaeuser.com lo. (541) 404-3707

Phone No.

for operators history and experiences: Please Attach if Available (for the selected demonstration operation) or other overall information

- NOAP
- Written Plan/PFAP
- Location Map
- Operation Map
- Aerial Photo
- Photographs of operation/activities/efforts/etc.
- Letters of Reference/Support
- Any additional documents to support nomination
- 00 Other landowners
- Other agencies involved with the nominee on projects
- О Other ODF staff
- О Neighbors/community (ie. Mayor of city or neighbors next to op that have input, etc.)





NOTIFICATION OF OPERATIONS/PERMIT TO OPERATE POWER-DRIVEN MACHINERY (NOAP)

Notification Number: 2021-740-07073

Operation Name: C0357 3000 @ 1000 Culvert Replacement



This NOAP includes the following for the lands described in the NOAP:

- The notifier has given notice to the State Forester that an operation will be conducted
- operate power-driven machinery. The Oregon Department of Forestry or local Forest Protective Association has issued a permit to use fire or
- The notifier has given notice to the State Forester and the Department of Revenue of the intent to harvest timber.

Person Submitting the NOAP: WY Coos Bay

Date NOAP Submitted: June 7, 2021

Report Generated: August 30, 2022

Waiting Period

OAR 629-605-0150(1)). You may ask the Stewardship Forester to waive this 15-day waiting period, but you must You must wait at least 15 days after successful submittal of this NOAP before starting the activities in the NOAP (see wait the full 15 days unless the Stewardship Forester notifies you that you may start sooner.

| Oregon Department of Forestry Contact Info | Operator's Fire Emergency Contact |
|--|---|
| Coos Bay 63612 Fifth Road Coos Bay, Oregon 97420 Phone: (541) 267-4136 Stewardship Forester: Jennifer Ward Email: jennifer.d.ward@oregon.gov | Contact Name: Gene Wooden Phone: (541) 269-5540 |
| Landowner(s) | Notice to Landowner(s) |
| WY Coos Bay Weyerhaeuser Company 63459 Olive Barber Rd Coos Bay, Oregon 97420 541-269-5540 | Reforestation may be required after timber harvesting. The Oregon Department of Forestry may conduct on-site inspections for compliance with forest practice and fire protection laws. Land use conversion to non-forest use is subject to other state and local regulations, which may affect use or development of a site. |
| Timber Owner | Notice to Timber Owner |
| WYNR Coos Bay Weyerhaeuser NR 63459 Olive Barber Rd Coos Bay, Oregon 97420 541-269-5540 | If timber is harvested, the party owning the timber at the point it is first measured is responsible for payment of Oregon timber taxes. |

Written Plans

the notification waiting period. Contact your Stewardship Forester for more information. resource(s) will be protected during the operation. There is a waiting period for Written Plans that is separate from Stewardship Forester (OAR 629-605-0170 (2), (3), and (5)). The Written Plan must describe in detail how the resources listed with the Unit information or Site Conditions below or otherwise described to you by the A Written Plan (in addition to this NOAP) is required before operation activities can begin near the protected



Formal Comments from Oregon Department of Forestry

Jennifer Ward on 6/25/2021

Written plan has been reviewed. Fully implementing this written plan is likely to achieve compliance with resource protection standards in the forest practice rules/law that it addresses. This operation will be evaluated on the basis of how well required practices are applied and how well required resource protection is achieved

Jenniter Ward on 6/7/2021

Required Statutory Written Plan was received on 6/7/2021; comment period is in effect

Site Conditions (reported by the Notifier)

Stream within 100 feet of area.

Slope of steepest 1/3 area: 10 %

Notice

inspections. The landowner must notify the stewardship forester to withdraw this consent. to access the property to ensure compliance with state law and rules governing forest practices through on-site Submitting this Notification of operations on lands described in the NOAP constitutes consent for Department staff

Submitting this notification does not give permission for operators, purchasers, contractors, or the general public to landowner and timber owner. enter someone else's land or remove forest products. Anyone doing so must first obtain permission from the Permission from Landowner and Timber Owner Required for Operators, purchasers, contractors, general public:

Pesticide Use: Pesticide users must follow all pesticide product label requirements, including any that prohibit for information on allowed uses of pesticide products. pesticide product allows the planned use! Contact the Oregon Department of Agriculture here or at 503-986-4635 applications near or into streams or other water bodies! Pesticide users must be sure the label that comes with the

OAR 437-007-0230 - Power Line Safeguards. Identification tags are located on each pole. overhead utility lines contact the local utility in accordance with ORS 757.805 - Oregon's Overhead Safety Act and Operations Near Utility Lines: If you are conducting timber harvesting or road construction within 100 feet of

coordinate with the appropriate utility companies to locate underground utility lines that may be affected by your construction, or any other activities involving excavation that may affect an underground utility line. The Center will Call the Oregon Utility Notification Center at 811 at least 2 business days before starting timber harvesting, road

Resources Department and the Oregon Department of Fish and Wildlife (see ORS 537.141) mix pesticides or for slash burning, you must provide a copy of this NOAP to the local offices of the Oregon Water Using Water for Pesticides or Slash Burning: If you plan to use on-site water (water from a stream, for example) to

the Notification Summary page within the E-Notification system or contact ODF for more details. Registrants & Subscribers: There may be registrants and/or subscribers who receive this Notification. See

activity takes place. NOAP Changes: The notifier must inform the Oregon Department of Forestry of any changes in a NOAP before the A new NOAP may be required.



Unit 1 of 1: C0357 3000 @ 1000 Culvert Replacement

Coos County(s)

T24S R10W Sec20

Regulated Use Area: CS-2

Operator: WY Coos Bay Weyerhaeuser Company 63459 Olive Barber Rd Coos Bay, Oregon 97420 541-269-5540

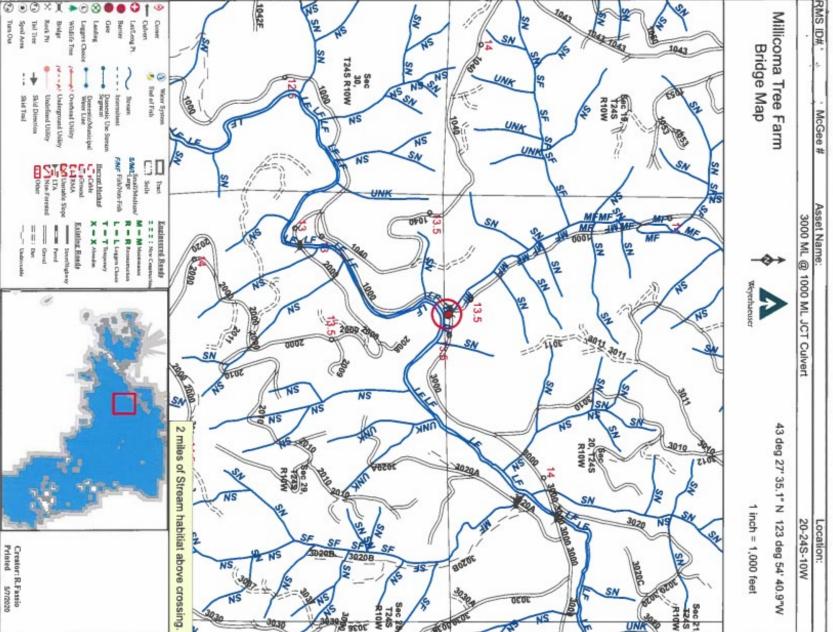
Activity: Reconstructing Type F stream crossing Start: 6/21/2021 End: 12/31/2021 Remarks:

Method(s): Excavator Quantity: 10.00 MBF

Unit Map: C0357 3000 @ 1000 Culvert Replacement











98674 Dellwood Lanc Coos Bay, OR 97420-9500 Tel (541) 269-5540 Fax (541) 269-5904

mailto:Jason.Richardson@weyerhaeuser.com

WRITTEN PLAN FOR INSTALLING A NEW CONCRETE BOX CULVERT 3000 @ 1000 Culvert Replacement SS# C0357

Jennifer Ward
Oregon Department of Forestry
63612 Fifth Road
Coos Bay, Oregon 97420

June 7, 2021

RE: Written plan for replacing a failing culvert on Conklin Creek a medium fish tributary to Matson Creek

Dear Jennifer:

drawings of the new structure are attached and the location as shown on the attached map The new box culvert will be precast concrete slabs set on top of concrete eco blocks. The "conceptual" design Weyerhaeuser will be replacing a failing CMP on Conklin Creek a medium fish stream a tributary to Matson Creek.

The structure is sized for a hydraulic capacity exceeding a one hundred-year rain event for this geography

During the installation the following stream and habitat protection measures will occur:

- The delivery of fine sediment to the live stream channels will be minimized.
- Excavated material that is not used to construct the crossing will be endhauled and deposited away from streams.
- equipment that would cross the completed structure the structure being installed, it prevents maneuverability of equipment being used to install the new crossing, or Existing vegetation will not be removed or damaged unless; it poses a safety hazard to employees, it is a threat to
- Grass seeding and mulch will be used where appropriate after project completion to reduce sediment delivery.

Sincerely,

Jason Richardson Engineering Specialist Weyerhaeuser Company

3000 @ 1000 Box Culvert

Drainage Size: 1000 AC

(1.1) x (1000ac / 640 ac) x 200cfs = 343.8 CFS

Bank Full Width = 13 FT

100 YEAR EVENT:

Assume Manning's Roughness = 0.035 (For Natural Streams or Earth Channel cobble)

Stream Gradient = 5.0%

Calculating 100 year Flow depths though Natural Stream Channel.

Trial And Error to Calculate the flow through open bottom channel while changing flow hights

Manning's Equation: $Q = 1.49/n \times Rh^2(2/3) \times S^2(1/2) \times A$

Rh = A/P

| 4 | S | 2 | _ | Trial |
|------------------------|-------------------------------------|---|---|---|
| Depth of channel 1.75° | Depth of channel 1.5' | Depth of channel 1' | Depth of channel 0.75' | Notes |
| Rh = | Rh = | Rh= | Rh = | |
| 25.8 | 21.8 | 14.0 | 10.3 | Α |
| 17.9 | 17.2 | 15.8 | 15.1 | ъ |
| 1.44 | 1.26 | 0.88 | 0.68 | R |
| | pth of channel 1.75' Rh = 25.8 17.9 | Depth of channel 1.5' Rh = 21.8 17.2 Depth of channel 1.75' Rh = 25.8 17.9 | Depth of channel 1' Rh = 14.0 15.8 Depth of channel 1.5' Rh = 21.8 17.2 Depth of channel 1.75' Rh = 25.8 17.9 | Depth of channel 0.75' Rh Depth of channel 1' Rh Depth of channel 1.5' Rh Depth of channel 1.75' Rh |

| į | 4 Depth | 3 Depth | 2 Depth | 1 Depth | Trial |
|---------------|------------------|-----------------|---------------|-----------------|----------|
| of channel 3' | of channel 1.75' | of channel 1.5' | of channel 1" | of channel 0.75 | Notes |
| 0 | Q = | Q= | Q = | ۵ = | |
| 42.57 | 42.57 | 42.57 | 42.57 | 42.57 | 1.49/n |
| 1.37 | 1.27 | 1.17 | 0.92 | 0.77 | Rh^(2/3) |
| 0.224 | 0.224 | 0.224 | 0.224 | 0.224 | S^(1/2) |
| 30.0 | 25.8 | 21.8 | 14.0 | 10.3 | Α |
| 392.0 | 313.1 | 241.7 | 122.8 | 76.1 | ۵ |

Using 1.0 ft of flow hight through natuaral stream channel: Q = 34.5 cfs > 29.6 cfs

Calculating Flow Capacity under Bridge with 3' free board

Flow Capacity: Q = 1.49/n x Rh^2/3 x S^1/2 x A =

Area Under Bridge: (6.2' x 3.75')+ (3.75' x 3.75') =

37.3

23.25

Wetted Perimeter: (3.75'+8.8'+8.8') =

Rh = (A/P) =

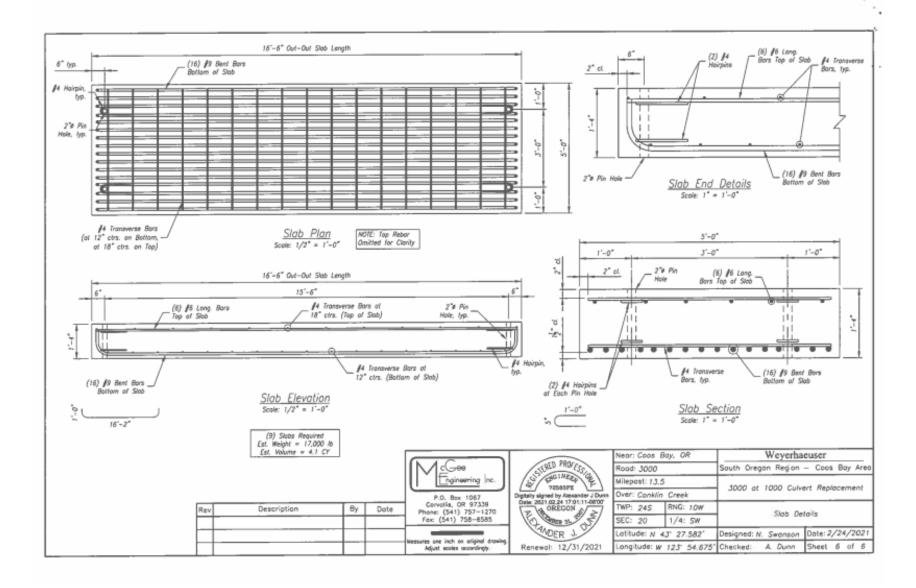
1.75

21.35

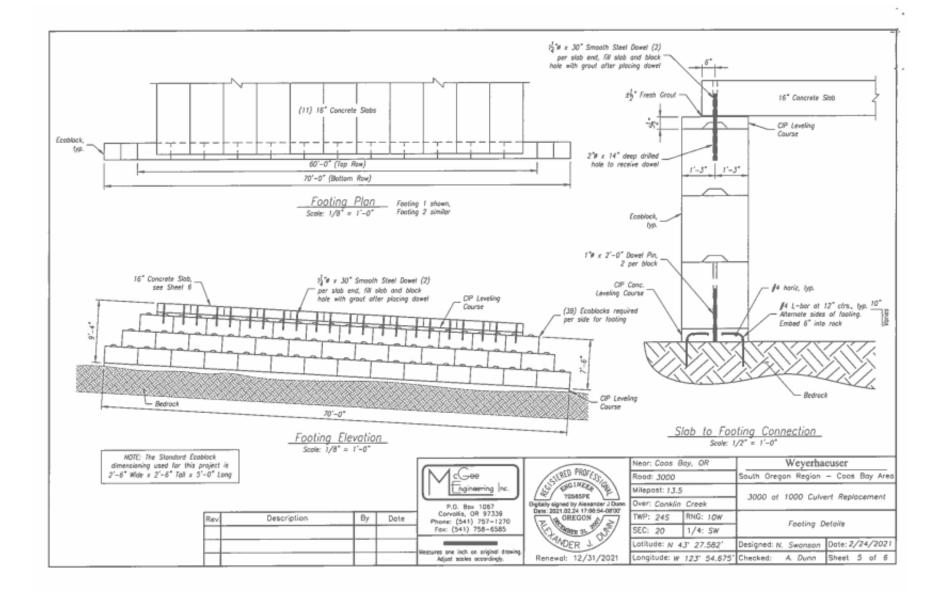
Flow Capacity (1.49/.0035) x (1.75)^2/3 x (.045)^.5 x (37.3) =

515.1 cfs

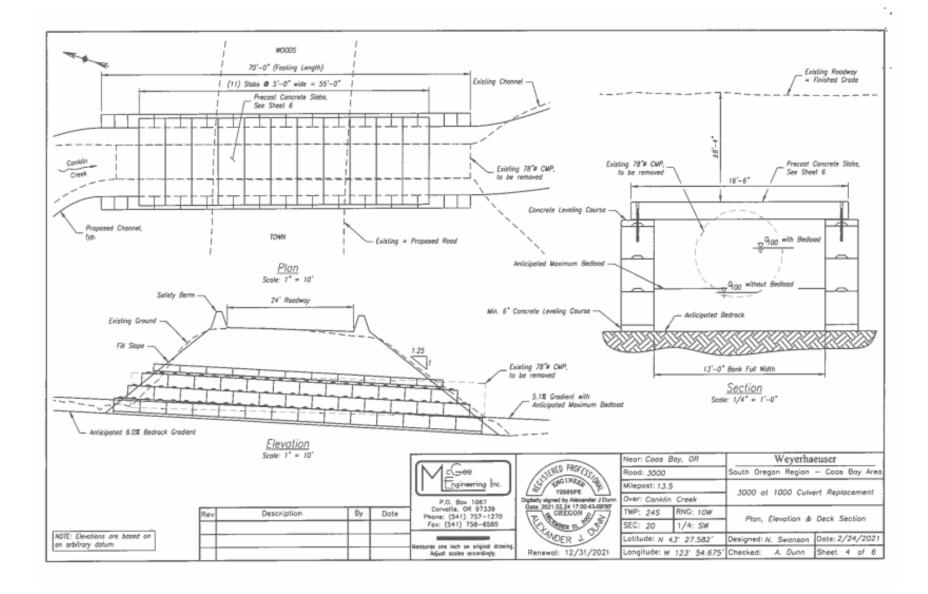
Flow Capacity 488.6 cfs > 29.6 cfs 100 year event => so OK



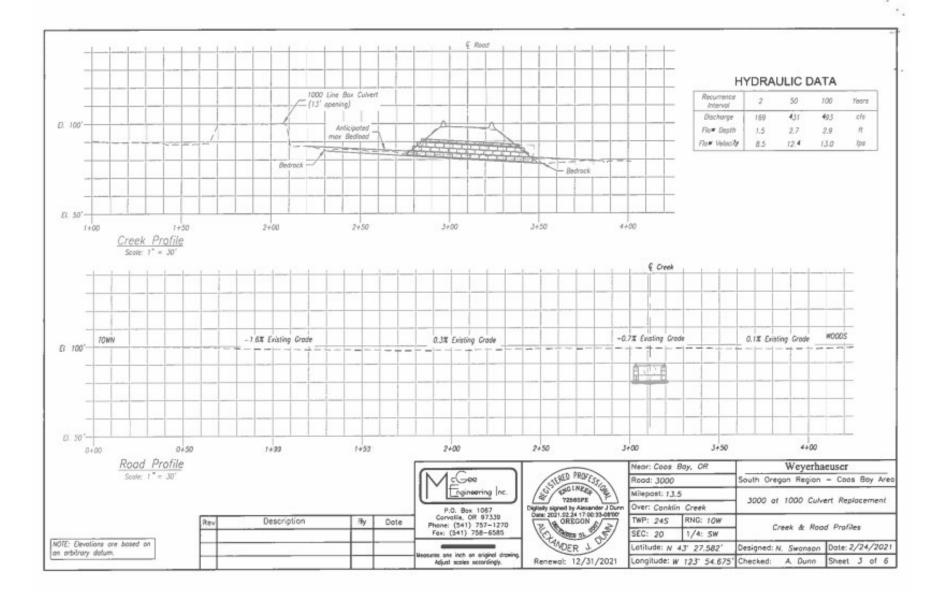




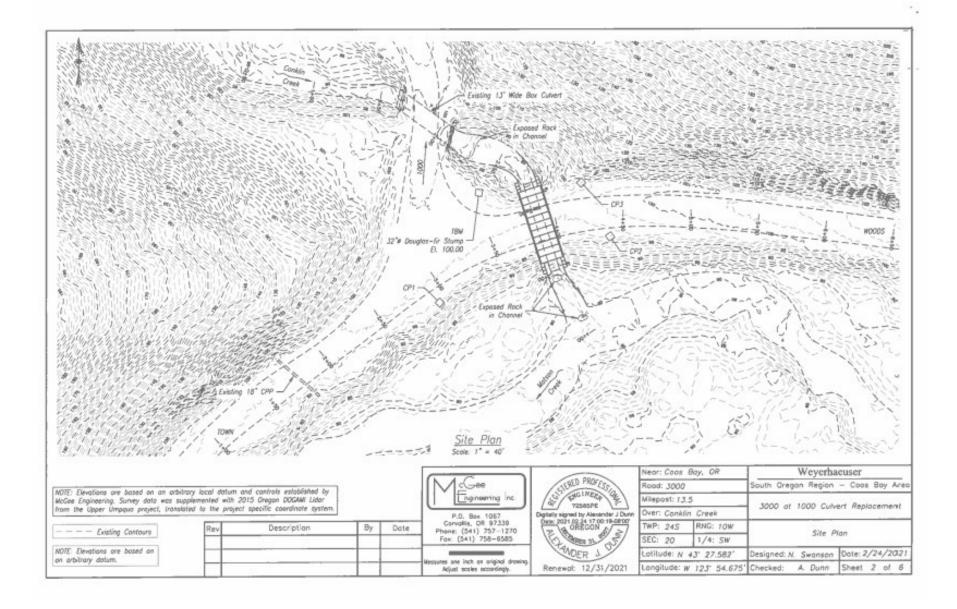














3000 at 1000 Culvert Replacement

Weyerhaeuser - South Oregon Region - Coos Bay Area

GENERAL NOTES

- Box culrent is designed in accordance with AASHTO "LRFD Bridge Design Specifications," 9th Edition with the following exceptions:

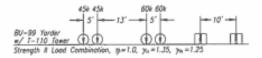
 Seismic effects are not considered
- 2) Workmonship and materials shall conform to 000T "Standard Specifications for Highway Construction," 2021 Edition.
- 3) The box culvert is designed for vehicle live loads described on this page and a 12' maximum compacted cover depth.
- 4) The concrete to be used on this project is 1'c = 4000 psi, 4-7% entroined air, 3/4" min, large aggregate size. The stump shall not exceed 4.5" as measured at the truck shalle at any time during piocement. Concrete stabilizers may be used to delay hydrotion with specific approval of Engineer.
- 5) Grout used in pin holes and vaids shall be non-shrink grout from the Oregon Qualified Products List or approved equal.
- 6) Reinforcing steel shall meet the requirements of ASTM A706 or A615 (Grade 60). Field bent bars shall be produced in accordance with ASTM A706. Bars shall be placed no claser than 2" to farmed or finished surfaces, nor claser than 3" to sail when cost against soil surfaces. Splices shall be as follows: #4 bar @ 20" & #6 bar @ 30". No splices are allowed in #9 bars. Stagger all splices.

Sheet List Table

| heat | Mumber | Sheet Title | | | | | |
|------|--------|--------------------------------|--|--|--|--|--|
| | 1 | Title Sheet & General Notes | | | | | |
| | 2 | Site Plan | | | | | |
| | 3 | Creek & Road Profiles | | | | | |
| | 4 | Plan, Elevation & Deck Section | | | | | |
| | 5 | Footing Details | | | | | |
| | 6 | Slob Details | | | | | |

DESIGN VEHICLES

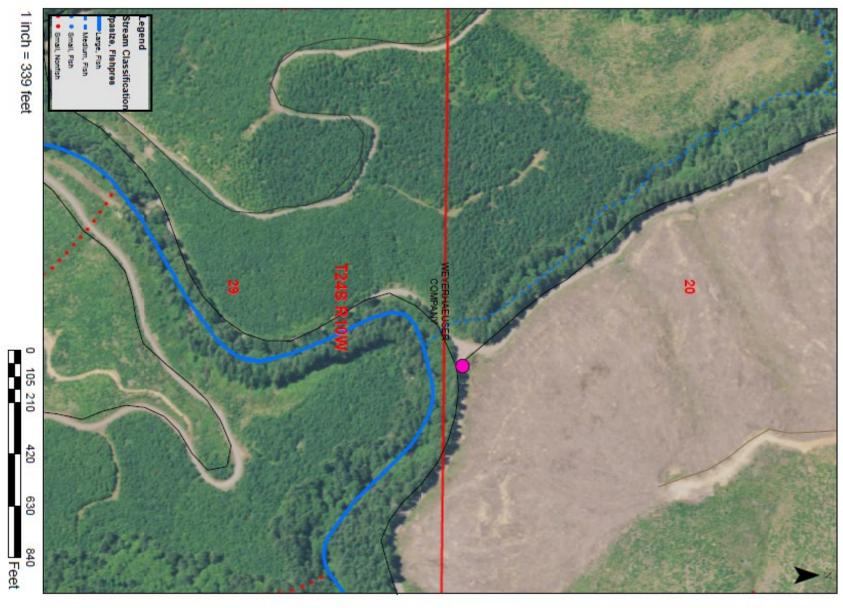




| | | | P.O. Bax 1067 | Digitally signed by Alexander J Du |
|-------------|----------|------|--|------------------------------------|
| Description | Ву | Dote | Corvalia, OR 97339 Phone: (541) 757-1270 | OREGON S |
| | | | Fax: (541) 758-6585 | (2) NEW 31- (15) |
| | \vdash | | Measures one inch on original drawing. Adjust scales accordingly. | Renewal: 12/31/2021 |

| | Near: Coas | Boy. OR | Weyerhaeuser | | |
|---------|---|--------------|----------------------------------|-----------------|--|
| nn Y | Road: 3000 Milepost: 13.5 Over: Canklin Creek | | South Oregon Region | — Coos Bay Area | |
| | | | MOOD at 1000 Catant Basinsament | | |
| | | | 3000 at 1000 Culvert Replacement | | |
| | TWP: 24S | RNG: 10W | Title Shoot & G | nesal Mates | |
| | SEC: 20 | 1/4: SW | Title Sheet & G | enerov Notes | |
| | Latitude: N 43' 27.582' | | Designed: N. Swanson | Date: 2/24/2021 | |
| | Longitude: W | 123" 54.675" | Checked: A. Dunn | Sheet 1 of 6 | |







3000/1000 Junction culvert replacement NOAP 2021-740-07073



3000/1000 Junction culvert replacement NOAP 2021-740-07073









1000/3000 Jct Upper Crossing Additional Examples of the projects/efforts by Strain Excavating & Trucking











Skip Creek





Sandy Creek





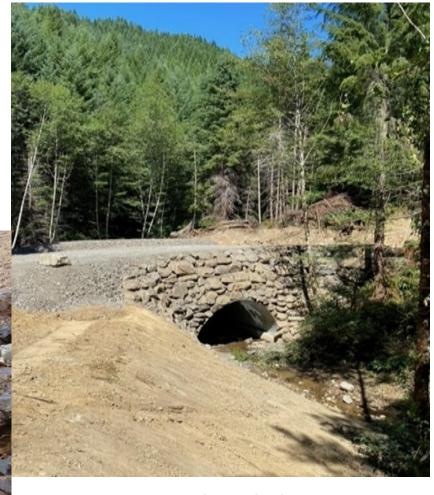
Upper 5000 Road





Kenstone





6160 Arch



SOUTHWEST OREGON REGIONAL FOREST PRACTICES COMMITTEE: NEXT STEPS

- Viewing Nomination video
- Utilize the score card to score each of the nominations
- Committee members discussion for Operator of the Year
- Committee members vote for selection of Operator of the Year
- Committee members discussion on Merit Award awards for any Operator of the Year nominee not selected as Oper of Yr winner
- Vote for Merit Award recognition winners





