



Riparian Management Area (RMA) Changes

Vegetation retention on Type N perennial streams

Equipment Limitation Zones for each region

Small Forestland Owner Minimum Options

Developed protocol for determining perenniality

Increased coordination between ODF and ODFW

- 6 additional ODFW Biologists has increased coordination between the two agencies.
- ODFW Biologists work with ODF Foresters in assisting landowners with meeting property management objectives.
- Working together increases understanding and consistency in meeting the FPA requirements.





High Level - Roles & Responsibilities

ODF

- Receive & Review Notification of Operation
- Receive & Review written plans and stream surveys
- Can assist landowners with written plans, surveys etc.
- Conducts inspections of operations and follows the operation until all FPA requirements are complete – up to 6+ years

ODFW

- Develop survey protocol
- Review & approve stream surveys, when data meets protocol standards
- Can assist landowners with stream surveys
- Define In-Water Work periods
- Consult in-water work period requirement variations

Perennial Stream Flow - Type N

Phase 1

- Field survey during harvest unit planning (required)
- Flow permanence survey standards

Phase 2

- Adopt Modeled End of perennial flow

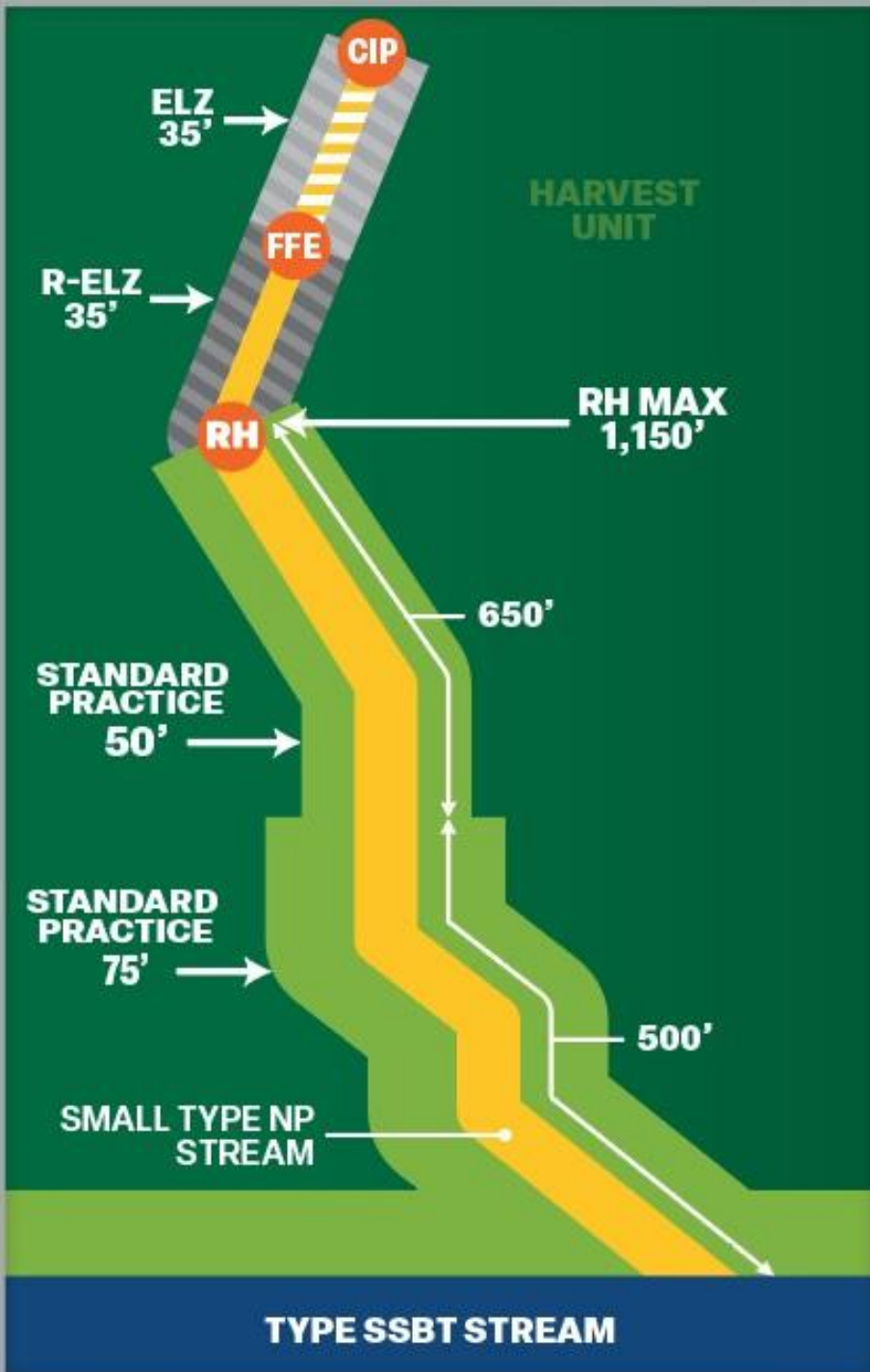




Western Oregon

STANDARD PRACTICE

Small Type Np into SSBT



MAP LEGEND

- | | | |
|----------------------------------|--|-----------------------------|
| Riparian Management Area (RMA) | Fish Stream (F) | Channel Initiation Point |
| Harvest Unit | Equipment Limitation Zones (ELZ) | RH Max (Restricted Harvest) |
| Non Fish Stream - Perennial (Np) | Retention Equipment Limitation Zones (R-ELZ) | Flow Feature Extent |
| Non Fish Stream - Seasonal (Ns) | | |

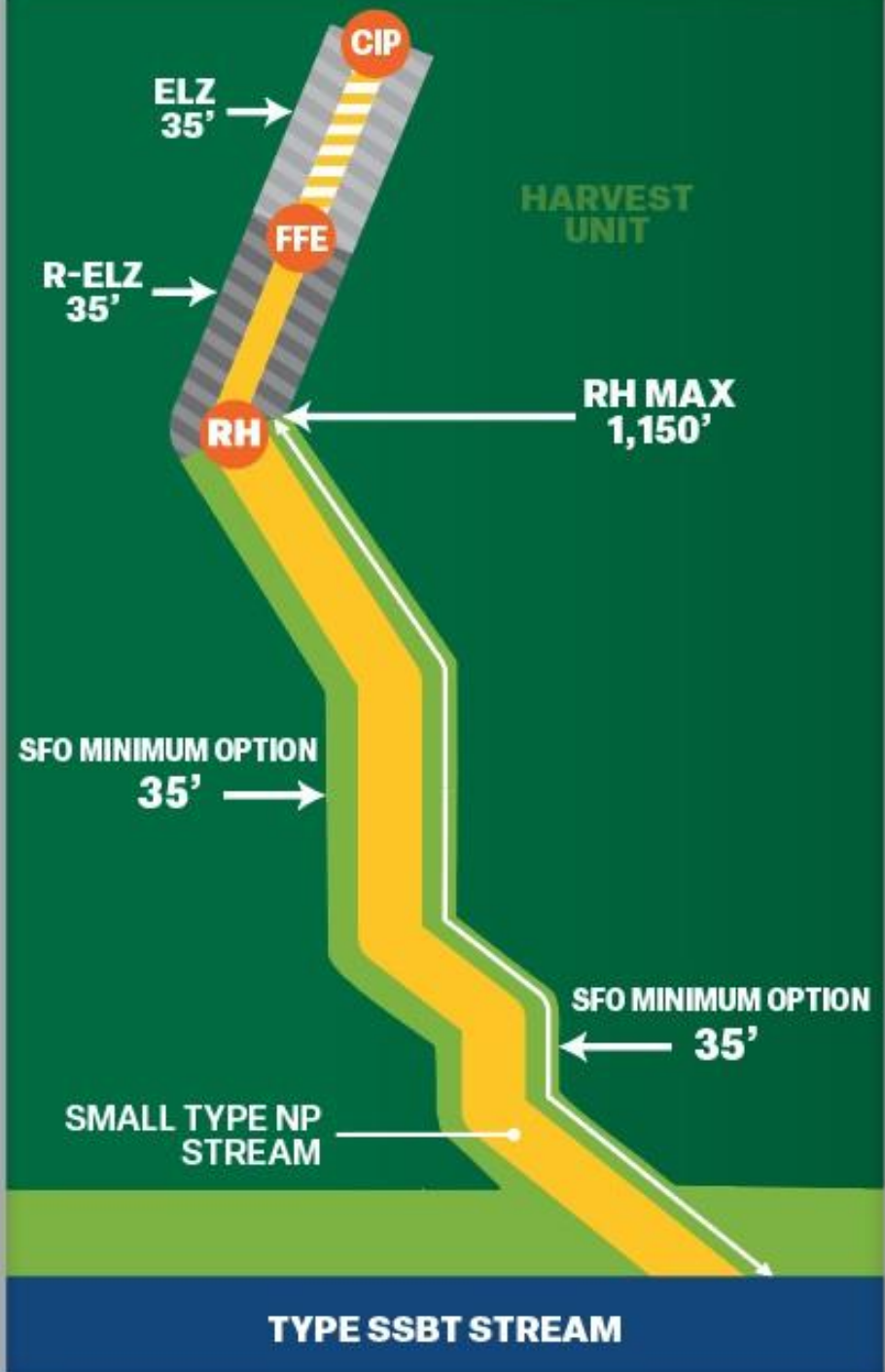
Diagram is for example only and not to scale. Conditions and requirements may differ.



Western Oregon

SFO MINIMUM OPTION

Small Type Np into SSBT



MAP LEGEND

Riparian Management Area (RMA)	Fish Stream (F)	Channel Initiation Point
Harvest Unit	Equipment Limitation Zones (ELZ)	RH Max (Restricted Harvest)
Non Fish Stream – Perennial (Np)	Retention Equipment Limitation Zones (R-ELZ)	Flow Feature Extent
Non Fish Stream – Seasonal (Ns)		

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★ **Written Plan Required to Utilize Minimum Option**



STANDARD PRACTICE

Small Type Np Stream flows into Type F



Western Oregon

STANDARD PRACTICE

Small Type Np into F



MAP LEGEND

- Riparian Management Area (RMA)
- Fish Stream (F)
- CIP Channel Initiation Point
- Harvest Unit
- Equipment Limitation Zones (ELZ)
- RH Max (Restricted Harvest)
- Non Fish Stream - Perennial (Np)
- Retention Equipment Limitation Zones (R-ELZ)
- FFE Flow Feature Extent
- Non Fish Stream - Seasonal (Ns)

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SFO MINIMUM OPTION

Small Type Np Stream flows into Type F



Western Oregon

SFO MINIMUM OPTION

Small Type Np into F



MAP LEGEND

- Riparian Management Area (RMA)
- Harvest Unit
- Non Fish Stream - Perennial (Np)
- Non Fish Stream - Seasonal (Ns)
- Fish Stream (F)
- Equipment Limitation Zones (ELZ)
- Retention Equipment Limitation Zones (R-ELZ)
- Channel Initiation Point
- RH Max (Restricted Harvest)
- Flow Feature Extent

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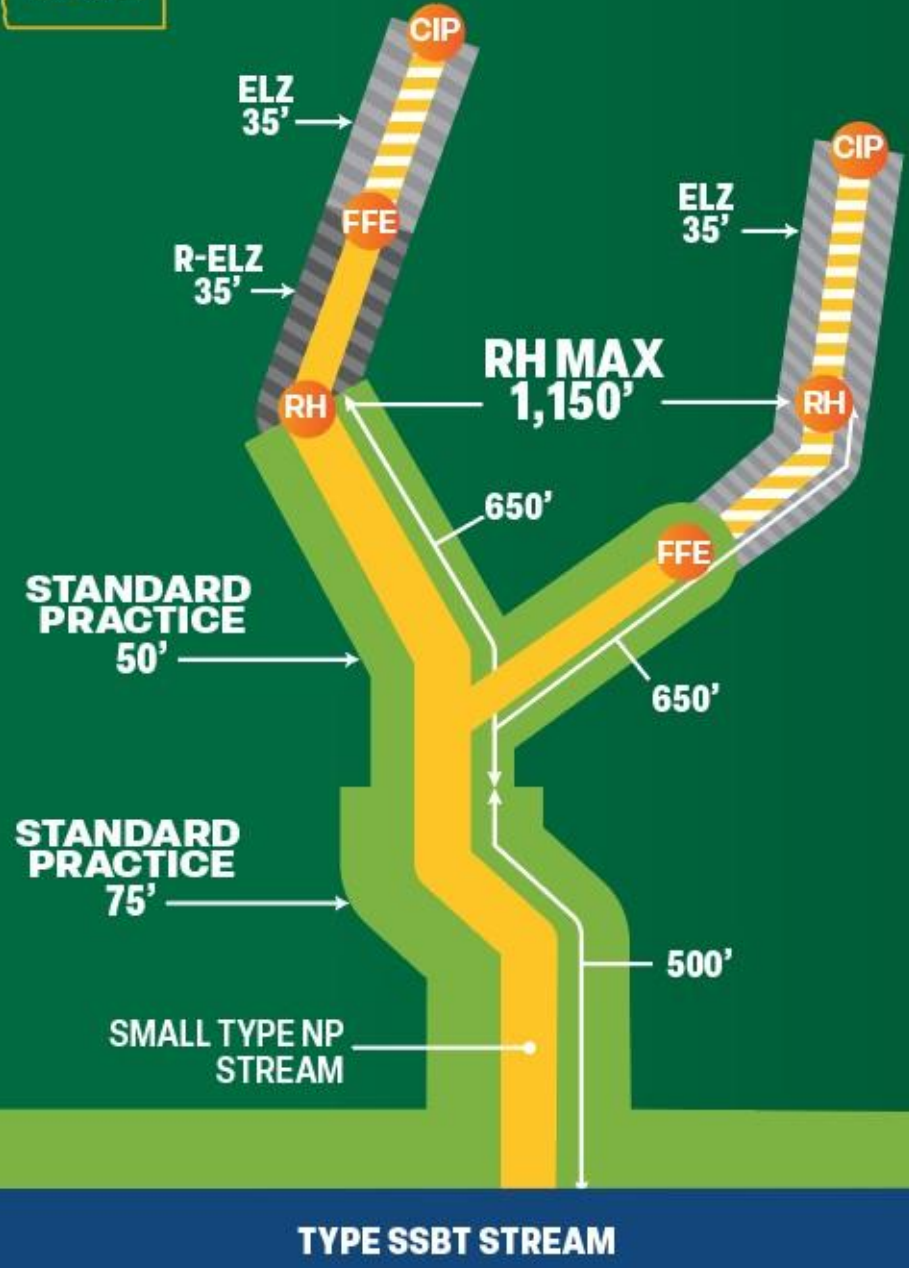
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Western Oregon

STANDARD PRACTICE

Branching Small Type Np into SSBT



MAP LEGEND

- Riparian Management Area (RMA)
- Harvest Unit
- Fish Stream (F)
- Non Fish Stream - Perennial (Np)
- Equipment Limitation Zones (ELZ)
- Channel Initiation Point
- Non Fish Stream - Seasonal (Ns)
- Retention Equipment Limitation Zones (R-ELZ)
- RH Max (Restricted Harvest)
- Flow Feature Extent

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Western Oregon

SFO MINIMUM OPTION

Branching Small Type Np into SSBT

SFO MINIMUM OPTION
35'

SFO MINIMUM OPTION
35'

SMALL TYPE NP
STREAM

TYPE SSBT STREAM



MAP LEGEND

- Riparian Management Area (RMA)
- Harvest Unit
- Non Fish Stream - Perennial (Np)
- Non Fish Stream - Seasonal (Ns)
- Fish Stream (F)
- Equipment Limitation Zones (ELZ)
- Retention Equipment Limitation Zones (R-ELZ)
- Channel Initiation Point
- RH Max (Restricted Harvest)
- Flow Feature Extent

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Written Plan Required to Utilize Minimum Option

STANDARD PRACTICE

Small Terminal Type Np Stream



Eastern Oregon

STANDARD PRACTICE

Small Terminal Type Np



MAP LEGEND

- Riparian Management Area (RMA)
- Fish Stream (F)
- Channel Initiation Point
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- RH Max (Restricted Harvest)
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- Retention Equipment Limitation Zones (R-ELZ)
- Flow Feature Extent
- Non Fish Stream - Seasonal (Ns)

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SFO MINIMUM OPTION

Small Terminal Type Np Stream



Eastern Oregon

SFO MINIMUM OPTION

Small Terminal Type Np



MAP LEGEND

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Written Plan Required to Utilize Minimum Option

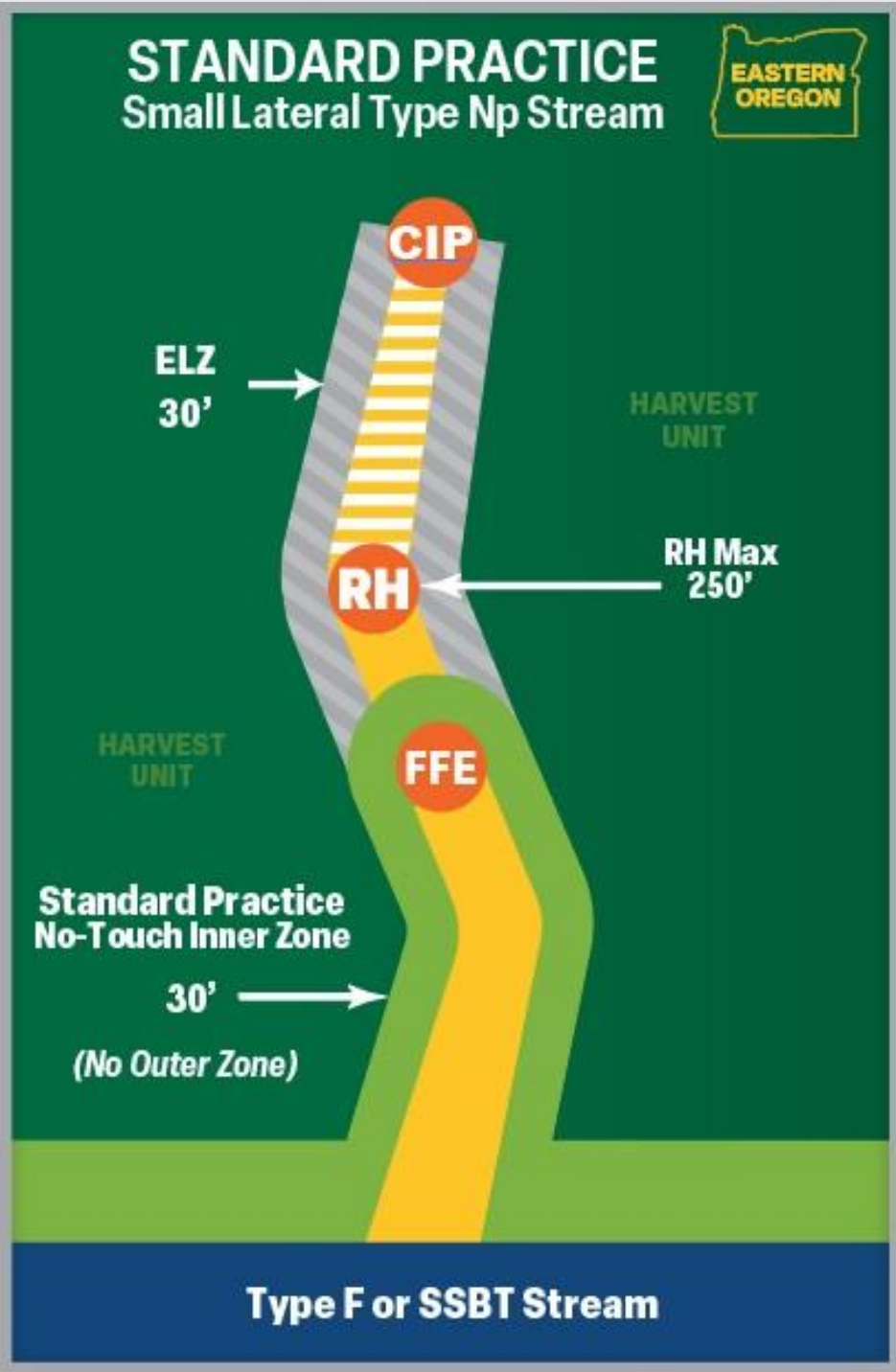
STANDARD PRACTICE Small Lateral Type Np Stream



Eastern Oregon

STANDARD PRACTICE

Small Lateral Type Np



MAP LEGEND

Riparian Management Area (RMA)	Fish Stream (F)	CIP Channel Initiation Point
Harvest Unit	Equipment Limitation Zones (ELZ)	RH RH Max (Restricted Harvest)
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Non Fish Stream - Seasonal (Ns)		

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SFO MINIMUM OPTION

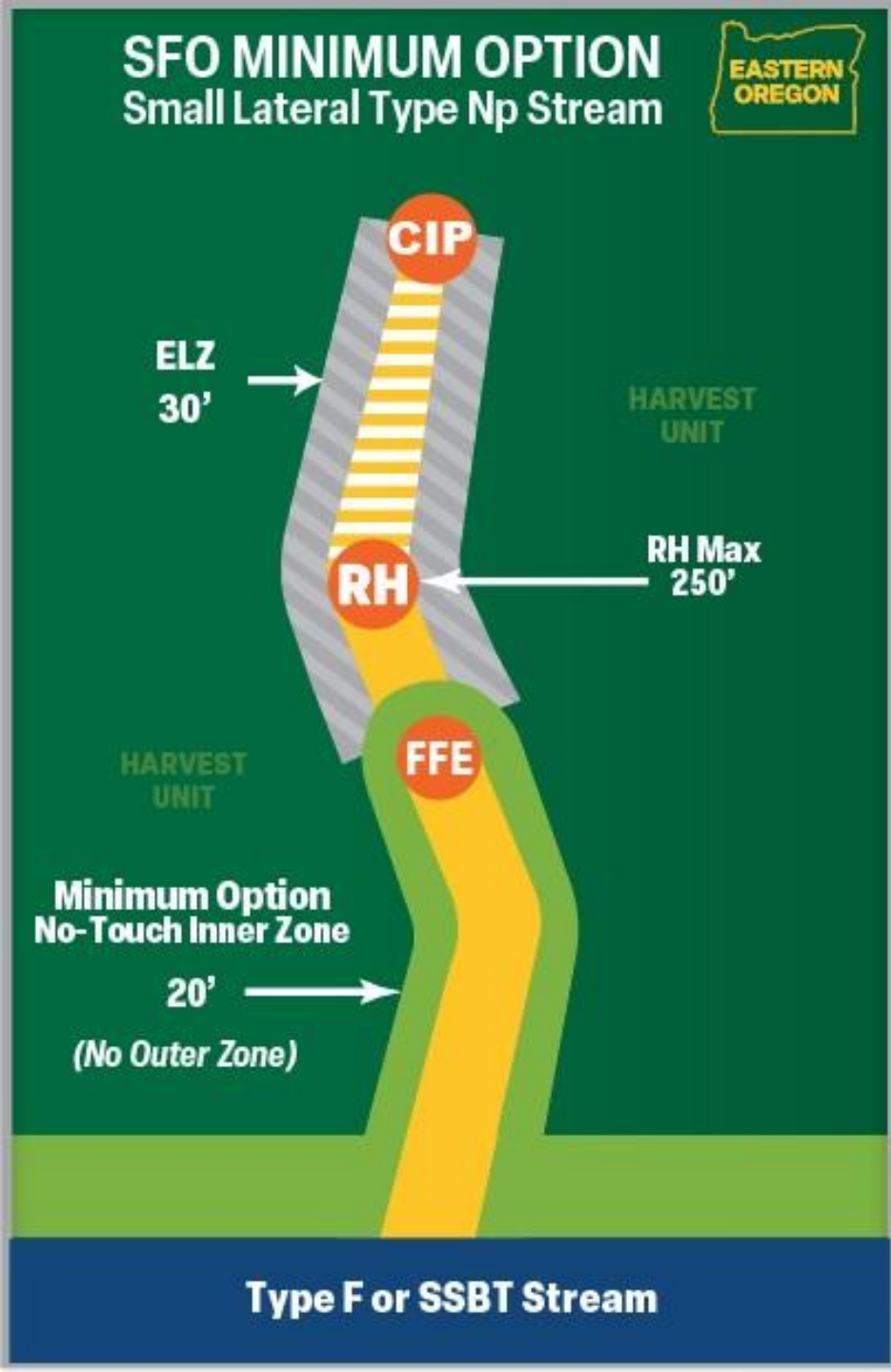
Small Lateral Type Np Stream



Eastern Oregon

SFO MINIMUM OPTION

Small Lateral Type Np



MAP LEGEND

Riparian Management Area (RMA)	Fish Stream (F)	CIP Channel Initiation Point
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Questions?

