

Tree and Shrub Site Preparation: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

This practice applies to understocked areas, areas planned for tree planting following harvest, areas where a land cover change to forest is desired, or areas having undesirable vegetation that inhibits or competes with preferred woody species.

The purpose of the practice is to prepare the land for establishing a stand of desirable woody vegetation by controlling undesirable vegetation, removing slash and debris, or altering site conditions.

Application of this practice requires the following considerations:

1. Protect existing desirable vegetation
2. Remaining slash and debris should not harbor harmful levels of pests, hinder needed equipment operation, or create undue fire hazard.
3. Accelerated erosion and/or runoff caused by site preparation will be controlled by other conservation practices.
4. The chosen method should be cost effective, and protect culture resources, springs, seeps, wetlands, and other unique areas.
5. Impacts on wildlife habitat should be carefully evaluated as part of the planning process.



Network Diagram Effect Number	Life cycle affected:	Effect on Essential Fish Habitat (EFH):	Essential Fish Habitat Conservation Measures (CMs):	Effect on EFH (with CMs):
D.1 Increase in exposed areas; loss of habitat; release of desired tree species	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May adversely affect: short term increase in turbidity or streambed sedimentation during construction ; potential increase in BOD	Erosion & Sediment Control Measures: Sediment Basin, Structure for Water Control, Critical Area Planting, Use Exclusion installed as needed for site specific conditions	No adverse effect
D.4 Increase in surface erosion, runoff, sediment and airborne particulate matter	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May adversely affect: short term increase in turbidity or streambed sedimentation during construction ; potential increase in BOD	Erosion & Sediment Control Measures: Sediment Basin, Structure for Water Control, Critical Area Planting, Use Exclusion installed as needed for site specific conditions	No adverse effect

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Network Diagram Effect Number	Life cycle affected:	Effect on Essential Fish Habitat (EFH):	Essential Fish Habitat Conservation Measures (CMs):	Effect on EFH (with CMs):
D.5, I.4 Decrease and increase in quality of wildlife habitat	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May adversely affect: short term increase in turbidity or streambed sedimentation during construction ; potential increase in BOD	Erosion & Sediment Control Measures: Sediment Basin, Structure for Water Control, Critical Area Planting, Use Exclusion installed as needed for site specific conditions	No adverse effect
I.2 Increase in desired plant regrowth	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect
I.5 Decrease in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	Erosion & Sediment Control Measures: Sediment Basin, Structure for Water Control, Critical Area Planting, Use Exclusion installed as needed for site specific conditions	No adverse effect
I.6 Decrease and increase in quality of receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	Erosion & Sediment Control Measures: Sediment Basin, Structure for Water Control, Critical Area Planting, Use Exclusion installed as needed for site specific conditions	No adverse effect
C.1 Decrease and increase in health of humans, domestic and wild animals; associated costs	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	Erosion & Sediment Control Measures: Sediment Basin, Structure for Water Control, Critical Area Planting, Use Exclusion installed as needed for site specific conditions	No adverse effect