

# Tree and Shrub Establishment: Table 1 Summary of Effects to Atlantic Salmon

## Practice Information

The purposes of the practice include:

1. Forest products
2. Beautification
3. Erosion control
4. Energy conservation
5. Chemical/Nutrient sink for water quality improvements
6. Wildlife habitat improvement
7. Air quality improvements
8. Wetland improvements

This practice is applicable on any area of land where woody plants are suited. Site adaptation is a major consideration for success in establishing trees and shrubs. Careful consideration should also be given to the suitability of the selected species for the planned purpose and available space for growth.



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	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May Adversely Affect: Short-term potential for pollutant delivery during planting and/or whenever area is used by machinery	Erosion and Sediment Control Measures, Critical Area Planting, Filter Strip, Sediment Basin installed to reduce dissolved contaminant and sediment loadings in runoff	No adverse effect
D.4 Increase in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	Erosion and Sediment Control Measures, Critical Area Planting, Filter Strip, Sediment Basin installed to reduce dissolved contaminant and sediment loadings in runoff	No adverse effect
I.5 Increase in quality of surface waters and aquatic habitats	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect

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I.6 Increase in arboreal and understory habitat	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect
I.7 Increase in shade and vertical vegetative structure (long term)	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect
C.1 Increase in health of humans, domestic and wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect