

Critical Area Planting: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

This practice is used on highly erodible areas that cannot be stabilized by ordinary planting techniques and if left untreated may cause severe erosion or sediment damage. Examples of critical areas include the following:

1. Dams, dikes, levees, and other construction sites with very steep slopes.
2. Mine spoil and surface mined land with poor quality soil and possibly chemical problems.
3. Agriculture land with severe gullies requiring specialized planting techniques and management.

Erosion control is the primary consideration for plant material selection. However, a broad choice of grass, trees, shrubs, and vines are usually available and adapted for most sites. Wildlife and beautification are additional considerations that influence planning decisions on a site needing this practice.



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 the restoration of riparian areas	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No adverse effect
D.2 Increase in the protection of banks and shorelines of ponds and reservoirs, critically eroding areas	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	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):
I.1 Decrease in water and wind erosion	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No adverse effect
I.2 Decrease in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No adverse effect
C.1 Increase in the quality of surface waters and aquatic habitats	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No adverse effect
C.2 Increase in health of humans, domestic and wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	none	No adverse effect