

Windbreak/Shelterbelt Establishment: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

Windbreaks and shelterbelts are primarily used to reduce soil erosion from wind, to protect crops, livestock areas, and farmsteads from wind and related temperature effects, to help control snow deposition and trapping, and to help improve air quality by reducing and intercepting drifting chemicals and odors produced from livestock farms.

Windbreak/Shelterbelt Establishment involves the planting of vegetation to serve the purposes noted above. The effectiveness of a windbreak or shelterbelt is dependent on the height of the mature plants. Therefore, it may take 20 years or more for the practice to become fully functional.

This practice can be applied in any area where there is sufficient linear length to establish the windbreak on the lee side of the area to be protected. It is important during planning to consider the dominant wind direction during weather events that cause damage.



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 Increase in shade and vertical vegetative structure	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No effect
I.7 Increase in woody corridor wildlife; decrease in habitat fragmentation	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No effect
I.8 Increase in wildlife health and populations	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No effect

Windbreak/Shelterbelt Establishment: Table 1 Summary of Effects to Atlantic Salmon

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.10 Decrease in airborne particulate matter, odor, wind-borne snow deposition, chemical drift	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No effect
C.2 Increase in health of humans. domestic and wild animals; (-) associated costs	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No effect