

Pond Sealing or Lining: Table 1 Summary of Effects to Atlantic Salmon



Practice Information

The purpose of this practice is to control seepage from water and waste impoundments for water conservation and environmental protection.

This practice applies on ponds and water storage structures that require treatment to control seepage rates within acceptable limits and to prevent the migration of contaminants offsite. Select soil materials will be used as cover for liners where required for proper performance, protection and durability of the installation. Sub grade materials shall not contain sharp, angular stones or any objects that could damage the liner or adversely impact its function.

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 Decrease in shoreline erosion when sealant materials extends above water line	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No effect
I.1 Decrease in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	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.3 Increase in quality of ground-waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect
C.1 Increase in habitat suitability, health for humans, domestic and wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect
C.2 Increase in quality of surface waters and aquatic habitats	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	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.11 Increase in surface water available for other uses	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect
C.2 Increase in quality of surface waters and aquatic habitats	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect