Diversion: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

This practice applies to all types of diversions except floodwater diversions (400) and diversion dams (348). The general purpose of this type of diversion is to divert excess water from one area for use or safe disposal in other areas.

This practice applies to sites where:

1. Runoff damages cropland, grazing land, farmsteads, feedlots, or conservation practices such as terraces or strip cropping.
2. Surface flow and/or shallow subsurface flow caused by seepage is causing damage on sloping cropland.
3. Runoff is excessive and available for use on nearby sites.
4. A diversion is required as part of a pollution abatement system.
5. A diversion is required to control erosion and runoff on urban or developing areas and construction or mining sites.

The channel may be parabolic, V-shaped, or trapezoidal. The channel grades may be uniform or variable as long as the velocity is non-erosive considering the soil and planned vegetation or lining. The location of the diversion shall be determined by outlet conditions, topography, land use, farming operations, and soil type. Diversion layout in a cultivated field should be as compatible as practical with modern farm equipment.

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 redirected flow	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No adverse effect
I.2 Decrease in runoff velocity	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No adverse effect
I.4 Decrease in ephemeral gullies	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.5 Decrease in classic gullies	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No adverse effect
I.7 Decrease in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No adverse effect
I.10 Decrease in the maintenance of drainage ditches and other structures	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 fishable and swimmable waters; health and safety issues for humans, domestic and wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No adverse effect