

Heavy Use Area Protection: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

Heavy use area protection is a practice usually applied on agricultural land or developed land used intensively by livestock, vehicles, and people. Treatment provided by this practice is primarily for erosion control but also addresses other types of natural resource degradation including aesthetics.

The prescribed surface treatment is designed to accommodate the specific type of traffic expected to occur. Surface treatment may involve pavement for vehicle traffic, or vegetation may provide sufficient protection for people and animal traffic.

Impermeable surfaces such as pavement increase runoff. Therefore, provision for drainage is always considered when planning 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 controlled runoff from area	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	none	No adverse effect
D.4 Increase in collectable manure for treatment	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	none	No adverse effect
I.1 Decrease in soil erosion	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	none	No adverse effect
I.2 Decrease in downslope deposition	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	none	No adverse effect

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I.4 Decrease and Increase in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May Adversely Affect: Short-term potential for pollutant delivery during construction and/or whenever area is used by livestock	Pre-construction cleaning and inspection of heavy equipment ; Wastewater Treatment Strip installed to reduce dissolved contaminant and sediment loadings in runoff or Roof with Roof Runoff Structure if Wastewater Treatment Strip does not fit site.	No adverse effect
I.6 Decrease in noxious algal growth	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	none	No adverse effect
I.7 Increase in dissolved oxygen in surface waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	none	No adverse effect
C.2 Increase in biodiversity	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	none	No adverse effect