

Land Clearing: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

This practice applies to wooded areas where the removal of trees, stumps, brush, and other vegetation is needed to establish, re-establish or maintain desired habitat for wildlife.

This practice *is not* for purposes of clearing, filling, and/or draining wetlands for the purpose of growing commodity crops or any other purpose.

An undisturbed area at least 50-feet wide will be left between the area being cleared and all wetlands, water bodies, and perennial streams. Temporary vegetation should be established as necessary until the planned land use is in place. Avoid clearing when soil moisture conditions are high to reduce compaction.



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 surface runoff volume and rate	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May adversely affect: increased peak flows result in increased suspended sediment from gully and streambank erosion	Runoff Control Measures: Detention ponds to minimize peak flow events, Critical Area Plantings installed as needed for site specific conditions.	No adverse effect
I.1 Increase in soil erosion	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May Adversely Affect: Short-term potential for pollutant delivery during construction and/or whenever area is used by machinery	Pre-construction cleaning and inspection of heavy equipment ; Erosion and Sediment Control Measures, Critical Area Planting, Filter Strip, Riparian Forest Buffer installed to reduce dissolved contaminant and sediment loadings in runoff; Minimize crossing use during high flow	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.2 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 machinery	Pre-construction cleaning and inspection of heavy equipment ; Erosion and Sediment Control Measures, Sediment Basin, Critical Area Planting, Filter Strip, Riparian Forest Buffer installed to reduce dissolved contaminant and sediment loadings in runoff; Minimize crossing use during high flow	No adverse effect
C.1 Increase and decrease in quality of surface waters and aquatic habitats	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	Erosion & Sediment Control Measures, Sediment Basin, Critical Area Planting, Filter Strip, and Riparian Forest Buffer installed as needed for site specific conditions	No adverse effect
C.3 Increase and decrease in biodiversity	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	Erosion & Sediment Control Measures, Sediment Basin, Critical Area Planting, Filter Strip, and Riparian Forest Buffer installed as needed for site specific conditions	No adverse effect