

# Irrigation Water Conveyance Pipe: Table 1 Summary of Effects to Atlantic Salmon

## Practice Information

Low and High pressure underground pipelines are aluminum, asbestos-cement, non-reinforced concrete, high pressure, low pressure plastic, and thermoplastic pipelines ranging from 1/2 inch to 27 inches in diameter that are closed to the atmosphere and subject to internal pressures of 80 lb/sq. inch or greater. The design for this practice includes air-release valves to properly vent the system.

The purpose of the practice is to reduce erosion, conserve water, and protect water quality. Underground pipelines serve as an integral part of the irrigation water distribution system, and significantly improve the overall efficiency of the system.



<b>Network Diagram Effect Number</b>	<b>Life cycle affected:</b>	<b>Effect on Essential Fish Habitat (EFH):</b>	<b>Essential Fish Habitat Conservation Measures (CMs):</b>	<b>Effect on EFH (with CMs):</b>
D.3 Decrease in infiltration and evaporation losses	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No effect
D.4 Decrease in erosion associated with practice	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No effect
I.5 Decrease in groundwater recharge	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No effect

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I.8 Decrease in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No effect
C.2 Increase in habitat suitability, health for humans, domestic and wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No effect
C.3 Increase in habitat suitability for aquatic organisms	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	No effect