

Pond: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

If a dam is constructed, the pond is referred to as an embankment pond; if the pond storage is achieved solely by excavating material, the pond is referred to as an excavated pond.

The purpose of this type of pond is to provide water for livestock, recreation, and fish and wildlife. Other uses include providing a water supply for things such as fire control and crop or orchard spraying.

The NRCS POND standard applies under the following conditions:

1. If a dam is constructed, failure will not result in loss of life, damage to homes, commercial buildings, main highways, railroads, or interruption of public utilities.
2. The product of the storage (acre feet) times the effective height of the dam is less than 3000.
3. The effective height of the dam is 35 ft. or less.



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 wetland ecological functions	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May adversely affect: restriction of habitat and ability to spawn	Ponds are sited off-channel and isolated from streams.	No adverse effect
I.6 Decrease and increase in fish and wildlife habitat	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May adversely affect: restriction of habitat and ability to spawn	Ponds are sited off-channel and isolated from streams.	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.8 Increase in sediment trapped	Eggs & Larvae, Juveniles, Adults, Spawning Adults	None	None	No adverse effect
I.9 Increase in water lost to evaporation	Eggs & Larvae, Juveniles, Adults, Spawning Adults	May adversely affect: decrease in stream flow due to evaporation from water application to fields	Water Supply Control Measures: Irrigation Water Management applied as needed for site specific conditions	No adverse effect
C.2 Decrease and increase in populations of fish, migratory birds and other wetland wildlife	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	None	No adverse effect