

# Composting Facility: Table 1 Summary of Effects to Atlantic Salmon

## Practice Information

The purpose of this practice is to biologically treat waste organic material and produce humus-like material that can be recycled as a soil amendment or organic fertilizer. The material may also be used by other acceptable methods of recycling that comply with laws, rules and regulations.

Composting is accomplished by mixing an energy source (carbonaceous) with a nutrient source (nitrogenous) in a prescribed manner to meet aerobic bacteria requirements. Correct proportions of ingredients are essential to minimize odors and avoid pest problems.

Waste material for composting may include livestock and poultry manure, dead animal carcasses, and food processing material when it is considered part of a normal farm operation. This practice applies where: (1) waste organic material is generated by agriculture production or processing, (2) composting is needed to manage the waste organic material properly, (3) an overall waste management system has been planned that accounts for the end use of the composted material.



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.2 Increase in compost	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	None	No adverse effect
I.4 Decrease in contaminants, pathogens, sediments to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	None	No adverse effect

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<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>
I. 5 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.6 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
3 Increase in habitat suitability, health for humans, domestic and wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect due to full mitigation of all adverse effects	None	No adverse effect