Anaerobic Digestor: Table 1 Summary of Effects to Atlantic Salmon

Practice Information

A Controlled Temperature Anaerobic Digester biologically treats waste as a component of an agricultural waste management system. It can be used to:

- Produce biogas for energy production,
- Reduce odors,
- Reduce greenhouse gas emissions,
- Reduce pathogens, and
- Improve nutrient management.

Design criteria for this practice include: site location, digester volume and retention time, flow rates, heating system, methane yield, 12-month energy budget, and process control and monitoring. An operation and maintenance plan is developed specifically for each system.

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.3 Decrease in contaminants to receiving waters	Eggs & Larvae, Juveniles, Adults, Spawning Adults	Positive Effect: prevention of introduction of animal waste to surface and ground waters reducing BOD loading of surface waters	None	No adverse effect
C.3 Increase in habitat suitability/health for humans, domestic and wild animals	Eggs & Larvae, Juveniles, Adults, Spawning Adults	No effect	None	None