

7. Reasons salmon Require Gravel

- Protection
- for eggs to hide/stick to
- oxygenation: gravel has to let water flow through to allow oxygenation to eggs

Q13/15) Steelhead vs rainbow trout

Similar - SAME SPECIES

Steelhead Trout	Rainbow Trout
Anadromous Move from fresh to salt	Stay in freshwater - Dont leave bc: 1) Cant (blocked, low water) 2) STREAM ROCKS! so much food that they dont need to

Q10) Native species affect H2O oxygenation - How?

POSITIVE AFFECT

ADD O2 - directly	ADD O2 - Indirectly
- in the water dumping O2 into the stream	- Shading - Native blackberries growing over the water and shading - Native willow shading stream (also roots provide bank stability)

Q12) Harming and helping Stream

Harm	Helping
pollution	plant native spp
erosion (cut out trees, walk off paths)	remove invasive spp
disease	hatchery
trapazoidal channel - move faster (straight) - sweep away eggs - gets warm bc no shade - mess with oxygenation	fish ladder

Dam

Pro	Con
Dams prevent flooding by blocking water from leaving a lake - allows water to leave in controlled doses.	Blocks the fish: - from habitat - overcome: by a Fish hatchery/ ladder