

**NATURAL RESOURCES CONSERVATION SERVICE
NEVADA CONSERVATION PRACTICE SPECIFICATIONS**

FISH STREAM IMPROVEMENT

CODE 395

PLANNING CONSIDERATIONS

Water Quantity

This practice has an insignificant effect on the quantity of surface and ground water.

Water Quality

This practice may improve water quality of the fishery. The shading may decrease the water temperature during the warm season months. The dissolved oxygen content may be increased, improving the streams assimilative capacity. Pools and riffles are formed, reducing the flow velocity through the pool area. Coarse-grained sediments settle, changing the quantity and type of sediment delivered downstream.

PRACTICE SPECIFICATION

Refer to habitat management (animal) guide "Management of Trout Streams" when planning stream improvement projects.

Ascertain maximum flow (cfs) carried by stream on which improvements are planned; many western streams do not lend themselves to economically feasible structures due to high peak flows and/or velocity.

Proper land treatment measures will be applied in the watershed to prevent erosion and siltation.

The Nevada Department of Wildlife and Corps of Engineers will be notified before any stream improvement practices are undertaken that alter the streambed.

Stream gradients above 7% slope may require special considerations for improvements.

Contact an NRCS biologist before planning improvements.

Bottom type, width, depth, channel type, pool to riffle ratio must be inventoried prior to construction.