Fish Raceway or Tank (398)

A fish raceway or tank is a channel or tank with a continuous flow of water constructed or used for high-density fish production.

Practice Information

A fish raceway or tank may be an earthen channel or it may be a channel or tank constructed of concrete, timber, rock, fiberglass, or other suitable material. However, it is not a hatchery that often utilizes similar facilities. A fish raceway or tank requires a continuous flow of water of suitable temperature and quality for high-level management and enhanced fish production.

An aquaculture resource assessment is usually made when planning this practice. The assessment helps determine the feasibility of the practice considering economics, water availability, markets, management requirements, and other considerations.

Plans for treatment or use of waste that are generated or caused by the operation of fish raceways or tanks shall be developed and made a part of the design and installation of the practice. The treatments will include the construction of waste storage ponds, storage structures, treatment lagoons, settling basins, or other facilities. Waste utilization by the spreading of waste on land through irrigation or hauling is permissible if soils and land resources are available.

A fish raceway or tank will require maintenance over the expected life of the practice.

Common Associated Practices

A Fish Raceway or Tank (398) is commonly applied with conservation practices such as Structure for Water Control (587), Dike (356), Grassed Waterway (412), Underground Outlet (620), Waste Recycling (633) and Open Channel (582).

For further information, contact your local NRCS field office.