

Solids Separation from Tank/Raceway-Based Aquaculture Production

Definition/ Purpose

A system for the removal, storage and dewatering of solid waste from the effluent of tank or raceway-based aquaculture production systems. The system is used to capture organic solids from the effluent stream of aquaculture production systems that would otherwise flow to effluent ponds for storage and further treatment. This waste comes from uneaten feed and feces generated while being fed within a tank-or raceway-based aquaculture production system. (DIP)

Policies

1. By signing the Cost Share Agreement (NC-ACSP-2), the cooperator and/or landowner acknowledges and agrees that they are responsible for the maintenance or replacement of all equipment cost shared as a component of waste management measure(s) at their expense.
2. Items for reimbursement under the maximum are all equipment, materials, construction, installation, vegetation, and pumps.
3. A maximum of two geotubes and a year supply of polymer per system will be eligible for reimbursement.
4. Cost share will not pay for any motorized vehicles used in transporting/applying waste. Cooperators may utilize the manure/litter transportation incentive with this practice.
5. For all operations, cost share payments are limited to a \$35,000 lifetime cap.
6. An approved waste management plan that meets NRCS standards is required for all contracts. The plan must be revised, if necessary, to meet any changes in the operation which alter the waste management needs of the operation.

SOLIDS SEPARATION FROM TANK/RACEWAY-BASED AQUACULTURE PRODUCTION	
Maintenance Period	10 years
BMP Units	EACH
Required Effects	ANIMAL TYPE ANIMAL UNIT ACRES_AFFECTED N and P WASTE MANAGED
JAA	NRCS – ENG - 632 - Waste Separation Facility
NRCS Standards and Supporting Practices	NRCS – ENG - 632 - Waste Separation Facility NRCS – ECS -590 - Nutrient Management

Agriculture Cost Share Program

CS2 Reference Materials	NC-ACSP-11 Signature Page Map with BMP location, fields, and roads Waste Management Plan
Additional Spot-check Requirements	All waste management systems for operations not permitted by the Division of Water Resources must be spot-checked annually for five years following implementation.