

## **Agricultural Pond Sediment Removal**

### Definition/Purpose

Remove sediment from existing agricultural ponds to increase water storage capacity. Benefits may include water supply, erosion control, flood control, and sediment and nutrient reductions from farm fields.

### Policies

1. The pond shall be for agricultural use.
2. A sediment removal plan shall be developed to ensure proper drawdown of pool level, sediment removal, maintaining stable side slopes, and protecting the dam. This plan must be developed by a professional engineer or individual with appropriate job approval authority.
3. A pre-construction conference including the district technical representative, designer, contractor, and landowner shall be held prior to commencement of pond sediment removal activities.
4. For projects involving removal of accumulated sediment only:
  - a. No activities are allowed that may threaten the integrity of the dam, including but not limited to: removal of sediment from the face, base, or vicinity of the dam; deposition of spoil on the dam; removal of vegetation from the dam; or any modification to the auxiliary spillway or principal spillway.
  - b. An assessment of sediment sources and options for minimizing sedimentation shall be provided to the cooperator.
  - c. Cost share will be based on actual cost with receipts required not to exceed the cap.
  - d. Any temporary or permanent material to be stored near the pond, shall be placed at a distance equal to the depth of the pond, but not less than 12 feet from the edge of the pond.
  - e. Implement adequate erosion and sediment control measures around spoil piles and any areas disturbed by construction activities. Vegetation shall be established according to CPS 342 Critical Area Planting.
5. Cooperators are responsible for obtaining and complying with all required permits.
6. Cooperators are ineligible to reapply for assistance for this practice for this pond for a period of 10 years; unless the sedimentation is occurring due to no fault of the cooperator.
7. For an individual pond, cooperators are eligible to receive cost share assistance for either the Agricultural Pond Repair/Retrofit or the Agricultural Pond Sediment Removal BMP, but not both. Removal of sediment may be a component of an Agricultural Pond Repair/Retrofit.

Agricultural Water Resources Assistance Program

<b>AGRICULTURAL POND SEDIMENT REMOVAL</b>	
<b>Maintenance Period</b>	1 YEAR
<b>BMP Units</b>	EACH
<b>Required Effects</b>	<ul style="list-style-type: none"> <li>• Volume of Water Storage Increased or Created (difference in pond storage once sediment is removed)</li> </ul>
<b>JAA</b>	<ul style="list-style-type: none"> <li>• Division Sediment Removal Plan</li> </ul>
<b>Supporting NRCS Standards</b>	<ul style="list-style-type: none"> <li>• CSP – 342 – Critical Area Planting</li> <li>• CSP – 572 – Spoil Spreading</li> </ul>
<b>Cost Information</b>	<ul style="list-style-type: none"> <li>• Actual cost - paid based on receipts</li> <li>• Maximum cost share amount \$7,000 (75%) OR \$8,400 (90%)</li> </ul>
<b>CS2 Reference Materials</b>	<ul style="list-style-type: none"> <li>• NC-ACSP-11 Signature Page Map with BMP location, fields, and roads.</li> <li>• Conservation Plan</li> <li>• Pond Sediment Removal Plan or Appropriate JAA</li> <li>• Cooperator Acknowledgement Form</li> </ul>
<b>Additional Spot-check requirements</b>	None