



## Ag Pond Sediment Removal Summary

### AgWRAP BMP Description and Policy

**Description:** 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.

### Agricultural Pond Sediment Removal Policy

**Maintenance Period:** 1 year - 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.

**Additional Spot Check Requirements:** None

## CS2 Contract Requirements

### CS2 Project Description Examples:

BMP	Explain how the operation's production is limited by the amount of water it can currently access	Describe how the proposed project/BMP will increase water resources
Agricultural Pond Sediment Removal	<p>Pond has accumulated about 940 cu yds of sediment due to soil erosion on adjacent land and years of livestock activity in and around pond. Sediment has reduced amount of water available for livestock.</p> <p>Applicant did not have enough water capacity in the pond to irrigate his tobacco last year. Tobacco can not be planted in this field location until pond volume is increased.</p> <p>Applicant is limited to what crops/produce he can grow because of being severely limited with water to irrigate. He currently does not have enough water to irrigate throughout the year.</p>	<p>Removing sediment will increase water volume of pond by almost 200,000 gallons.</p> <p>Pond volume will be increased by removing sediment from the pond.</p> <p>Removing sediment from the existing pond will help to create a greater storage area for water.</p>

**BMP Units:** Each

**Cost Information:** Actual cost - paid based on receipts. Maximum cost share amount \$7,000 (75%) OR \$8,400 (90%)

**Expected Results:**

- Volume of water storage increased or created (difference in pond storage once sediment is removed)

**Reference Materials:**

- Conservation Plan
- NC-AgWRAP 11 Signature Page
- Map with BMPs, Tract, Field, and Contract Numbers
- [Cooperator Acknowledgment Form](#)
- [Division Pond Sediment Removal Plan](#)

CS2 Components	Units
AGRICULTURAL POND-Sediment Removal	Each

**JAA/Supporting Standards**

**JAA:**

- [Division Pond Sediment Removal Plan](#) signed by a professional engineer or individual with appropriate job approval authority.

**NRCS Supporting Standards:**

- [NRCS - 342 - Critical Area Planting](#)
- [NRCS - 572 - Spoil Disposal](#)

[BMP JAA Application Requirements](#)

**Planning and Design Tools**

- [Sediment Removal Data Sheet and Volume Calculation Tool](#)

- [Agriculture Water Assessment Builder](#)
- AgWRAP Water Balance Tool - cannot upload existing format
- Contract Folder Checklist