



Ag Water Storage/Collection System Summary

AgWRAP BMP Description and Policy

Description: Construct an agricultural water management and/or collection system for water reuse or irrigation for agricultural operations. These systems may include any of the following: water storage tanks, pumps, water control structures, and/or water conveyances. Benefits may include reduced demand on the existing water supply by collection and reuse and decrease withdrawal from water supplies.

Agricultural Water Storage and/or Collection System Policy

Maintenance Period: 10 Years

Additional Spot-check Requirements: The district shall inspect the site one year after installation, then follow typical spot check requirements.

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 Water Storage and/or Collection System	<p>Farm is currently has one well for water, but is limited in hot summer months due to the amount of water cool cells need.</p> <p>Farm is supported by a single well. Raising 75k broilers on a single well is scarce in the summertime.</p> <p>The pond the producer was using for water is no longer available.</p> <p>There is not currently enough</p>	<p>Storage tank will supply enough water during the summer months and be more economical for farmer.</p> <p>Poultry Water Storage tanks will provide water storage for hot/dry days when the well is not sufficient to run the cool cells.</p>

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
	water to irrigate his seedling beds or spray his trees.	Developing the existing springs and running the water to a holding tank will collect water for irrigation needs.

BMP Units: Each

Cost Information: Actual cost - paid based on receipts. Maximum cost share amount \$15,000 (75%) OR \$18,000 (90%)

Expected Results:

- Gallons of Water Increase
- Acres Irrigated

Reference Materials:

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

CS2 Component	Unit
AGRICULTURAL WATER STORAGE AND/OR COLLECTION SYSTEM	Job

JAA/Supporting Standards

JAA:

- Certified by a Professional Engineer or an individual with appropriate JAA.

NRCS Supporting Standards:

- [NRCS Roof Runoff Structure - 558](#)
- [NRCS - Pond - 378](#)
- [NRCS - 382 - Fencing](#)
- [NRCS - 533 - Pumping Plant](#)
- [NRCS - 574 - Spring Development](#)
- [NRCS - 642 - Water Well](#)
- [NRCS - 587 - Structures for Water Control](#)

[BMP JAA Application Requirements](#)

Planning and Design Tools

- [Produce Safety Rule Decision Support Tree](#)
- [Water Storage and Collection System Diagram](#)
- [Agriculture Water Assessment Builder](#)
- Contract Folder Checklist