



Baseflow Interceptor Summary

AgWRAP BMP Description and Policy

Description: Baseflow interceptor means improving springs and seeps alongside a stream, near the banks, but not in the channel

by excavating, cleaning, capping to collect and/or store water for agricultural use. Benefits may include water supply, erosion control and flood control.

AgWRAP Baseflow Interceptor Policy

Maintenance Period: 10 years

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 |
|--|---|--|
| Baseflow interceptor (streamside pickup) | Crop producer is using municipal water supply to irrigate crops but has a stream on-site and does not fall under the Produce Safety Rule. | Streamside pickup and storage tank will house enough water for producer to irrigate crops, reducing the need for the municipal water supply. |

BMP Units: Each

Cost Information: Average and Actual costs for components on AgWRAP and ACSP average cost lists. BMP cap of \$15,000.

Expected Results:

- Acres irrigated (annually), or
- Number and type of livestock watered

Reference Materials:

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

| CS2 Component | Unit |
|--|------|
| EXCAVATION- Spring development (Backhoe) | Each |
| EXCAVATION- Spring development (Trackhoe) | Each |
| EARTH FILL-adjacent, sheepsfoot rolled | Each |
| EARTH FILL-hauled CuYd | CuYd |
| EARTH FILL-hauled, sheepsfoot rolled | CuYd |
| JUNCTION BOX-Concrete | Each |
| STONE-gravel | Ton |
| STONE-Riprap | Ton |
| FILTER CLOTH-geotextile fabric | SqYd |
| PIPE FITTING-Polyvinyl Chloride 4in | Each |
| PIPE FITTING-Polyvinyl Chloride <=3in | Each |
| PIPE FITTING-Polyvinyl Chloride <=3in | LnFt |
| PIPE-Corrugated Polyethylene non-perforated 36in | LnFt |
| PIPE-Water supply /fittings, <=2in | LnFt |

| CS2 Component | Unit |
|---|------|
| PIPE-Polyvinyl Chloride 4in | LnFt |
| PIPE-Perf drain w/gravel filter | LnFt |
| PIPE-Polyvinyl Chloride 1 1/2in or less | LnFt |
| VEGETATION-bag lime, seed and fertilizer | Acre |
| VEGETATION-mulch, small grain straw | Acre |
| Spring Header Casing | Each |
| FENCE - SOLAR CHARGER | Each |
| FENCE-perm, non-electric, incl. Gates | LnFt |
| FENCE-4+-strand perm, electric, incl. Gates | LnFt |
| Pump-Water Supply | Each |
| Pump-Housing, fiberglass/site built | Each |
| Tank-temp storage, 1000 gal | Each |
| Tank-temp storage, 1500 gal | Each |

JAA/Supporting Standards

JAA:

- Design must be signed and sealed by a Professional Engineer

NRCS Supporting Standards:

- [NRCS - 574 - Spring Development](#)
- [NRCS - 382 - Fence](#)
- [NRCS - 533 - Pumping Plant](#)
- [NRCS - 342 - Critical Area Planting](#)
- [NRCS - 484 - Mulching](#)

- [BMP JAA Application Requirements](#)

Planning and Design Tools

- [Streamside Subsurface Water Pick-up Planning Worksheet](#)
- Contract Folder Checklist