

Baseflow interceptor (streamside pickup)

Definition/Purpose

Baseflow interceptor means improving springs and seeps alongside a stream, near the banks, but not in the channel, by excavating, cleaning, capping, or providing a collection and/or storage facilities for agricultural water use. Benefits may include water supply, erosion control, and flood control.

Policies

1. This is an engineering practice that must be approved by a professional engineer. The district must submit the practice design worksheet for approval by the division engineering staff.
2. Livestock shall not have access to the pickup/interceptor area.
 - For fencing to be eligible for cost share assistance, the minimum standard the cooperator shall follow is the NRCS 382 standard to exclude livestock from the pickup/interceptor area.
 - Where fencing is installed, but not cost-shared, the applicant shall not be required to meet the NRCS 382 standard, only to demonstrate that the fencing is adequate to exclude livestock.
3. Cooperator is encouraged to install water conservation measures and effective livestock exclusion fencing from streams.
 - This fencing is not cost sharable.
4. Cooperator is responsible for obtaining and complying with all required permits, including wetland determination by the ACOE, buffers on streams classified as trout (Tr) waters, and floodplain development, if applicable.
5. Some types of water may not be suitable for irrigation, fertigation, foliar sprays, frost protection, rinsing, washing, ice, cooling, postharvest fungicide and wax, handwashing, cleaning and sanitizing of produce due to the Produce Safety Rule. Water may need to be treated before use.
6. A method for distributing the water from the baseflow interceptor must be available.

BASEFLOW INTERCEPTOR (STREAMSIDE PICKUP)	
Maintenance Period	10 YEARS
BMP Units	EACH
Required Effects	Acres irrigated (annually) OR Number and type of livestock watered
JAA	Professional Engineer
Supporting NRCS Standards for Reference	ENG - 574 - Spring Development ENG – 533 – Pumping Plant ECS – 382 – Fencing ECS – 342- Critical Area Planting ECS – 484 - Mulching
Cost Information	Average and Actual cost for components on AgWRAP and ACSP average cost lists BMP cap of \$15,000
CS2 Reference Materials	NC-ACSP-11 Signature Page Map with BMP location, fields, and roads. Conservation Plan Cooperator Acknowledgement Form O&M Plan
Additional Spot-check Requirements	None