

Trough or Tank

Definition/Purpose

A Trough or Tank means devices installed to provide drinking water for livestock at a stabilized location. (DIP)

Policies

1. This BMP shall not be used as a means for draining pastures.
2. Watering facilities will be required to have a minimum setback of 30 feet from the top of the stream bank (technical staff in the field determine the location of the top of the stream bank).

A statement must be included on the contract indicating the established setback distance from the stream bank and indicate the setback distance from the stream bank on the sketch included with the contract.

3. Adequate fencing is required. A landowner may, as part of a watering tank/trough system, provide at his/her own cost the livestock exclusion required in the contract if the technical representative certifies that the fencing is adequate to exclude livestock from the watercourse and meets current setback requirements. The livestock exclusion must be in place prior to submission of a Request for Payment for the tank/trough.
4. A justification must be included in the plan for the number of tanks to be cost shared. The number of tanks specified must be based on planning factors such as topography, amount of water needed and available, cost, number of animals, grazing system etc.
5. Permanent troughs or tanks must be installed in conjunction with a heavy use area. A concrete heavy use area is recommended for most sites, but depending on site conditions, cloth and gravel may be submitted.
6. BMP soil impact is not required for this BMP.
7. Minimum life of BMP is ten (10) years.
8. Structural geotextiles shall meet the requirements of "Construction Specification 592 - Geotextiles" and "Interim Material Specification 591 - Geotextiles". Drainage geotextiles shall meet the requirements of N.C. Technical Guide, Section IV Practice Standard 606, as shown in Paragraph 606-8-5.

Standards

North Carolina NRCS Technical Guide, Section IV, Standard #614 (Watering Facilities), #382 (Fence).

(Revised September 2008, January 2012)