

EQIP – Watering Facility

Job Sheet (614) Eligibility and Location
 Environmental Quality Incentives Program

Natural Resources Conservation Service (NRCS) November, 2008

Participant Name _____

Contract # _____

INFORMATION ON THIS JOB SHEET IS CONSIDERED TO BE PART OF THE CONTRACT AND/OR CONSERVATION PLAN.

Purpose

This job sheet will be used in helping determine eligibility and location alternatives for watering facilities (standard code 614) within guidelines for the Environmental Quality Incentives Program in Kentucky.

Conditions Where Practice Applies

On grazing lands where there is a need for new or improved watering facilities.

Program Eligibility

EQIP eligibility is limited to situations where there is resource degradation resulting from inadequate livestock distribution within a pasture.

To be eligible for the program, the kind of water facility planned must be the most cost-effective means for the government. Only permanently installed water facilities are eligible for EQIP.

Kentucky Program Requirements

The following minimum stubble heights must be maintained in the fields served by the water facility:

- 1" . . . Bermudagrass, Common White clover
- 1.5" . . . Kentucky bluegrass
- 2" . . . Annual ryegrass, Tall fescue
- 3" . . . Oats, Orchardgrass, Timothy, Reed canarygrass, Alfalfa, Alsike clover, Birdsfoot trefoil, Crimson clover, Hairy vetch, Ladino clover, Lespedeza, Red clover, Sweet clover
- 6" . . . Indiangrass
- 8" . . . Johnsongrass, Pearl millet, Sudangrass, Switchgrass
- 10" . . . Eastern gamagrass, Big bluestem



The following fields that will be served by EQIP water facilities must be maintained at the minimum stubble height for the life of the facility.

<u>Fields</u>	<u>Primary Forage Specie</u>	<u>Min. Stubble Height</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

When a water facility is located in a field having a stream with seasonal flow (or greater flow), the stream must be fenced off from the EQIP water facility.

Locating Eligible Water Facilities

For EQIP eligibility, the location of a water facility must solve a livestock distribution resource problem. The location must not create a resource problem that is as great as or greater than the one it solves. The location selected must solve the resource concern at the least cost. EQIP funded water facilities can not be located in confined livestock quarters, including loafing lots.

A. Locating Facilities in Fence Lines

Locating water facilities in fence lines can be a cost-effective method of servicing two fields with one water facility. However, facilities placed in fence lines cut the available drinking space in half. For open top water facilities, cattle need at least 1.5 inches of trough space per animal unit. For ball or lid tanks, a single opening serves 25-30 head. Two openings serve 75-100 head, and four openings serve 200-250 head. The narrative below describes your plan for utilizing the EQIP funded water facilities for multiple pastures. Please include the fields to be served, and the “anticipated” number of cattle that might be in each of the fields at some time.

“Multiple Field” Narrative

If the water facility is to be in a fence line but access to the entire facility is needed, a small corral can be constructed to allow livestock access from one field or the other. In these situations, allow a minimum of 10 feet on each side of the tank for livestock movement. A sturdy fence (5 foot spacing for posts and 2X6 lumber or wire panels with 2X6 boards top and middle) will be needed for the structure.

B. Locating Facilities in Barnyards or Lots

EQIP funded water facilities can not be located in barnyards, barn lots, or feed lots. The purpose of the water facility is to solve a pasture resource problem being caused by poor livestock distribution. The EQIP funded facility should be located in pastures where grazing management is employed that provides for the Minimum Stubble Heights as specified in this job sheet under “Kentucky Program Requirements.” If the facility is located in a lane or small corral as described above, the purpose of that corral must be to facilitate watering cattle on such pastureland, and not utilized for feeding livestock.

C. Locating Facilities in Hayland or Cropland

Water facilities funded through EQIP may be located in perennial hay fields or alfalfa fields if livestock will graze the fields each year. The Minimum Stubble Heights will be maintained. Annual forage crops may be periodically utilized for renovation, but the primary land use must be pastureland or hayland. EQIP funded water facilities can not be installed in annual crop fields with the primary use being cropland.

Certifications

Job Sheet	Prepared by:	Title:	Date:
	Approved by:	Title:	Date:
Installation	Meets NRCS standards and specifications.		
	Certification by:	Title:	Date:
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