

Pumping Plant (533) Requirement Sheet

2016 Environmental Quality Incentives Program (EQIP)

Eligibility: Livestock Operations or Irrigation Systems

Purpose: To provide planning guidance for using Pumping Plant scenarios in arriving at least cost alternative to address resource concern.

Requirements: This is a component practice used to help solve a resource concern identified by other practices such as the need for livestock drinking water, to improve irrigation efficiency, or to transfer animal waste.

Pumping plants may be applied as part of a resource management system to achieve one or more of the following purposes:

- Efficient delivery of water for irrigation, watering facilities, wetlands, or fire protection
- Transfer of animal waste as part of a manure transfer system
- Reduce energy use

Payment for pumping plants (code 533) installed to improve irrigation system efficiency and reduce energy requires an [Agricultural Energy Management Plan-Landscape \(AgEMP\) CAP 124 or the new CAP 128](#). Pump replacement must be a recommendation in the CAP 124 or 128. Also requires an Irrigation Water Management Plan that meets the CAP 118 criteria (see IWMP 449 req. sht.), CPS 587 Structure for Water Control Flowmeter if one does not exist, and CPS 449 Irrigation Water Management.

The irrigation pump design must be sealed by someone holding certification through Irrigation Association (IA) as a Certified Irrigation Designer (CID) or Certified Agricultural Irrigation Specialist (CAIS); or licensed/registered TN engineer; or NRCS employee holding appropriate EJAA. Pump design must follow requirements of NRCS conservation practice standard Pumping Plant (533) and associated CPSs.

Producer must have irrigation history from 2 of the previous last 5 years or an approved waiver for all of the acreage under irrigation. This is the acreage eligible for conversion provided water savings and/or energy savings are documented in the FIRI, CAP 124/128 and/or IWMP.

Producer requirements for payment:

Install practice according NRCS plans and specifications. Payment is made following certification by appropriate NRCS staff with engineering job approval authority or acceptance by NRCS staff that system was installed as designed and certified by TSP and applicable NRCS standards and specifications.