

Stream Protection Well

Definition/Purpose

A Well means constructing a drilled, driven or dug well to supply water from an underground source as part of a stream protection system. (DIP)

Policies

1. Installation of the well must include wellhead protection.
2. Average cost for pumps for wells include all costs associated with installation and is based on actual cost.
3. Pumps, Solar Pumps, Wells & Windmills must have a qualifying statement that they will be used for agricultural use only. The cost for the pump includes all costs associated with pump installation, including the cost of getting electricity to the pump.
4. The solar powered pump installation is limited to sites where, there are site constraints or it is cost prohibitive to provide electricity to the pump. The pump cost includes a submersible pump, photovoltaic panels, control box, support structure, pump cable, drop pipe, and fittings to make up plumbing at the pump.
5. Cooperators are responsible for obtaining and complying with all required permits and local requirements as applicable.
6. Permits are a cost-shareable component for this practice in counties where agricultural wells are not exempt from permit fees. A copy of the permit, receipt of the permit fee, and any supporting water quality reports associated with the permit are required to be kept in the district's contract file.
7. Repairs of an existing well that is part of a new stream protection system is cost sharable, including pump if needed. The well repair must be completed by a NC certified well contractor.
8. New wells must be completed by a well contractor certified by the North Carolina Well Contractors Certification Commission.
9. Job approval authority signature is required from either NRCS or SWCD staff with appropriate NRCS JAA, a Professional Engineer, technical specialist with Irrigation (I) designation or a Licensed Irrigation Contractor to ensure adequate pumping requirements. All private designs must still be reviewed by DSWC technical staff. Wells for Livestock Watering Site Evaluation Sheet shall be used as a minimum requirement for planning and design documentation.
10. Replacement of a previously cost shared pump cannot receive additional cost share.
11. Where the certified well contractor determines alternative casing is required by 15A NCAC Subchapter 02C Well Construction Standards the additional cost is eligible for cost share assistance.

Agriculture Cost Share Program

12. Life of the BMP is ten (10) years.

Specifications

North Carolina NRCS Technical Guide, Section IV, Specification # 642 (Water Well), #533 (Pumping Plant)