

**NATURAL RESOURCES CONSERVATION SERVICE  
CONSERVATION PRACTICE STANDARD**

**ENGINEERING NOTEKEEPING**

**WATERING FACILITY**

**(Number)**

**CODE 614**

**Planning and Design Survey**

A. Record the following information:

1. Location sketch
2. Water requirements based on kind and number of livestock to be using facility
3. Source of water and flow rate
4. Dimensions, type, and capacity of trough or tank and material of which it is made
5. Kind, size, and quantity of inlet or outlet pipes
6. Elevations of tank (or trough) and overflow facilities - include elevation of source, slope of inlet pipe, slope of outlet pipe, and elevation of outlet
7. Treatment required in immediate vicinity of watering facility to provide for firm footing
8. Type and location of automatic waterers, if applicable
9. Other data, as applicable

**Construction Check**

A. Make and record the following construction check items:

1. Dimensions and elevation of trough or tank and appurtenances, as installed
2. Materials used in construction
3. Inlet and outlet pipes – size, kind, and quantity installed
4. Treatment used for footing
5. Record, sign, and date statement concerning adequacy of installation

**Recording Data**

All data may be recorded in engineering field book or on approved job sheet if filed in conservation plan.

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resource Conservation Service.