

PART 512 - CONSTRUCTION

SUBPART E – EQUIPMENT, RECORDS, AND COORDINATION

WA512.40A. Area and Field Office Equipment

- (1) As determined necessary by the Area Engineer, the Area and Field Office shall be outfitted with the following equipment:
 - (i.) Laser Level with all necessary equipment
 - (ii.) Measuring Wheel

WA512.40B. Specialty Equipment

- (1) The following list of equipment will be considered “Specialty Equipment”;
 - (i.) Total Station
 - (ii.) Survey Grade GPS Base Station Antenna
 - (iii.) Survey Grade GPS Rovers Antenna
 - (iv.) Hand held controllers
 - (v.) Radio Tower, Antennas, Cables & Batteries
- (2) General
 - (i.) The SCE along with the Area Engineer shall determine the need for specialty equipment throughout the Area prior to procurement.
 - (ii.) Specialty equipment shall be tracked on the SCEs property list and assigned to specific field staff.
 - (iii.) Specialty equipment shall be utilized solely by the assignee or as approved for use by others.

WA512.41A. Records

- (4) For many engineering Job Class I through IV practices that are inspected by NRCS, the use of NRCS-CPA-6 is adequate for construction documentation.
- (5) In some cases a bound Job Diary should be considered to document construction quality assurance activities for Job Class I through IV practices, the following shall be considered when determining the need.
 - (i.) Significant structures including but not limited to; Concrete Waste Storage Tanks, Waste Storage Ponds, Steel Waste Storage Tanks, Bridges, Dams, Levees, and other similar practices where there is a significant installation cost.
 - (ii.) Requires a WDOE Dam Safety permit or other significant local or state agency permit;
 - (iii.) Failure of the installed practice would be hazardous to life and/or the environment;
 - (iv.) The individual with the design approval authority determines that the project is significant or unusually complex.

- (6) For waste storage ponds meeting the criteria of the WA DOE Dam Safety, additional requirements for record keeping may be required by the State. Job diaries shall be used and include specific reference to those items including tests and photographs documenting construction.