



**IOWA DEPARTMENT OF NATURAL RESOURCES
WATER SUPPLY ENGINEERING SECTION
CONSTRUCTION PERMIT APPLICATION
SCHEDULE-5b, Well Appurtenances**

Date Prepared _____	Project Name/Description
Date Revised _____	

1. Well Number: _____
2. Pump and Motor Information:
 - a. Pump Type: _____
 - b. Pump Capacity: _____ gpm at _____ TDH (ft)
 - c. Size of Pump Discharge Pipe: _____ inches
 - d. Motor Horsepower: _____ HP
3. Method of regulating well pump starting and stopping:

 Spec. Page No.: _____
4. For automatic control systems, what is the time delay period? _____ seconds N/A
5. What type of anti-backspin protection is provided?

 Spec. Page No.: _____
6. Has a low water level cutoff switch or pressure switch been provided and equipped with automatic restart to prevent drawdown of water in the well below the well screen? Yes No
7. Method of surface drainage control away from well

8. 100 year flood elevation: _____
 Original ground elevation at the well site: _____
 Elevation of top of well casing: _____
 Elevation of top of earthen berm at the well: _____
 Elevation of floor slab: _____
9. Radius of top of earthen berm: _____ Slope of berm: _____
10. Method of berm erosion control: _____ Spec. Page No.: _____
11. For the following, reference page of the plans or specifications where the description can be found:

Well Pump, Discharge Piping and Appurtenances	Plan or Specification Page Number
Pump	
Discharge Pipe	
Pitless Well Unit	
Casing Vent	
Water Level Measurement	
Disinfection	
12. Type of pump lubrication: _____ Spec. Page No.: _____
13. List all appurtenances provided on each well discharge line in sequence from the well:
