



IOWA DEPARTMENT OF NATURAL RESOURCES  
 WATER SUPPLY ENGINEERING SECTION  
**CONSTRUCTION PERMIT APPLICATION**  
 SCHEDULE-6a, Distribution Water Storage Facilities

Date Prepared  _____	Project Name/Description  _____
Date Revised  _____	

1. Type of storage facility: \_\_\_\_\_
2. Design Data:
  - a. Tank material: \_\_\_\_\_
  - b. Total tank capacity: \_\_\_\_\_, in gallons.    Effective storage capacity: \_\_\_\_\_, in gallons
  - c. Ground elevation: \_\_\_\_\_
  - d. Low water elevation: \_\_\_\_\_    Overflow elevation: \_\_\_\_\_
  - e. For ground storage facilities, water table elevation: \_\_\_\_\_  N/A
  - f. For pressure tank facilities, list all well pump capacities: \_\_\_\_\_  N/A

3. For the following, reference the applied AWWA or GLUMRB (10-States) design standard source and number, (i.e. GLUMRB 7.2.1) and list the page of the plans or specifications where the description can be found.

Materials and Construction Details	Applied Design Standard Source and Number	Page Number	Materials and Construction Details	Applied Design Standard Source and Number	Page Number
Roof Design			Roof Vent		
Access Manhole			Overflow Pipe		
Access Hatches			Tank Drainage		
Ladder			Interior Paint		
Safety Equipment			Disinfection		
Riser Pipe			Leak Testing		

4. Soil investigation conducted by: \_\_\_\_\_  N/A
5. For ground storage facilities, method of surface draining control: \_\_\_\_\_  N/A
6. Method of protecting the facility from trespassing, vandalism, and sabotage: \_\_\_\_\_
7. Diameter of inlet pipe: \_\_\_\_\_ inches    outlet pipe: \_\_\_\_\_ inches
8. Method of maintaining system pressure during facility repairs (spec. page number): \_\_\_\_\_
9. Method of preventing sediment in the facility from entering distribution system (spec. page number): \_\_\_\_\_
10. Has cathodic protection been provided?     Yes     No
11. For Pressure Tanks:     N/A
  - a. Is the tank completely housed and above the ground surface?     Yes     No
  - b. Air addition provided by: \_\_\_\_\_
  - c. High pressure level: \_\_\_\_\_, in psi    Low pressure level: \_\_\_\_\_, in psi
  - d. Maximum water volume: \_\_\_\_\_, in gallons    Minimum water volume: \_\_\_\_\_, in gallons
  - e. Are screens and dehumidification provided for compressor systems to insure that clean, dry air is added to the tank?     Yes     No     N/A
  - f. What provisions for air removal have been provided to maintain proper air volume in the tank?  
\_\_\_\_\_
  - g. Has a pressure relief valve been provided?     Yes     No
12. What is the maximum pressure that can occur in the distribution system? \_\_\_\_\_ psi