**Section 602.260**  **Water Main Construction Applications**

a) Water main construction permit applications must specify the following:

1) the existing population served by the present supply, and the population to be served by the water main extension;

2) the average daily pumpage for the community water supply on an annual basis;

3) the maximum daily pumpage;

4) the capacity of the community water supply;

5) the capacity of the raw water source;

6) the capacity of the proposed water main;

7) the normal expected operating pressure on the proposed water main;

8) the minimum expected operating pressure on the proposed water main;

9) the pressure at the point of connection at present maximum demand;

10) the calculated pressure at the point of connection under maximum demand after installation of the water main;

11) the size of the pipe and total feet of the water main;

12) the pipe material and type of joint;

13) the proposed depth below ground surface of the water main;

14) sewer and water separation:

A) an indication of whether the minimum horizontal and vertical separation requirements in 35 Ill. Adm. Code 604.1440 have been met; and

B) an explanation of other measures taken to protect the water main if the separation requirements are not met;

15) a disinfection plan that details the chemical to be used, initial disinfectant concentration, final disinfectant concentration and retention time in hours; and

16) a water sampling plan to meet the requirements of Section 602.310.

b) The following information must be submitted on plans with water main construction permit applications:

1) the border lines of the municipality, water district or area to be served;

2) the size, length and identity of proposed water mains and water system structures;

3) the elevation of water mains where necessary to show proper separation from sewers and the elevation of other water system structures;

4) the location of existing or proposed streets;

5) the location of storm, sanitary, combined and house sewers, septic tanks, disposal fields and cesspools;

6) the location of pipelines and other sources containing hydrocarbons;

7) the distance between the community water supply structures and the sources of pollution listed in 35 Ill. Adm. Code 604.150(a);

8) stream crossings with elevations of the stream bed shown, including the normal, extreme high and extreme low water levels of the stream; and

9) all appurtenances, specific structures or equipment having any connection with planned water mains and water system structures.

(Source: Amended at 43 Ill. Reg. 8036, effective July 26, 2019)