**Section 602.230 Design Criteria**

A summary of complete design criteria must be submitted for the proposed project containing, when applicable, the following:

a) long term dependable yield of the source of supply;

b) reservoir surface area, volume, and a volume versus depth curve;

c) area of the watershed;

d) estimated average and maximum daily water demands for the design period;

e) number of proposed service connections;

f) firefighting requirements;

g) flash mix, flocculation and settling basin capacities;

h) retention times;

i) unit loadings;

j) filter area and the proposed filtration rate;

k) backwash rate;

l) feeder capacities and ranges; and

m) minimum and maximum chemical application rates.

(Source: Added at 40 Ill. Reg. 6799, effective April 15, 2016)