

**9400.0400 CLASSIFICATION OF SYSTEMS.**

Subpart 1. **Basis.** The classification of all systems must be based on the degree of hazard to the public health, together with the type and capacity of the system and the population affected.

Subp. 1a. **Operator availability.** All systems must have a certified water supply system operator as specified in Minnesota Statutes, sections 115.71, subdivision 10, and 115.73. This person, or an operator certified at the same level or above, must be available on site or able to be contacted as needed to initiate an appropriate action in a timely manner.

Subp. 2. **Rating values.** The classification of a system must be based on the following rating values:

A. water supply source:

- (1) groundwater, five points;
- (2) surface water, 15 points;

B. treatment processes:

(1) groundwater source:

- (a) aeration, two points;
- (b) chemical precipitation (softening including filtration), 16 points;
- (c) filtration other than after softening process, ten points;
- (d) ion exchange, five points;
- (e) chlorination, five points;
- (f) chemical oxidation, two points;
- (g) stabilization, two points;
- (h) air stripping, five points;
- (i) carbon contactors, five points;
- (j) fluoridation, five points;
- (k) ammonia addition, five points;
- (l) taste and odor control, two points;
- (m) ozonation, eight points;
- (n) membrane filtration, ten points;
- (o) chlorine dioxide, eight points;

(p) unlisted new technologies, three to ten points (based on relative complexity);

(2) surface water source:

- (a) ozonation, eight points;
- (b) coagulation, ten points;
- (c) sedimentation, five points;
- (d) filtration, ten points;
- (e) chlorination, five points;
- (f) ion exchange, five points;
- (g) chemical oxidation, two points;
- (h) carbon contactors, five points;
- (i) stabilization, two points;
- (j) membrane filtration, ten points;
- (k) fluoridation, five points;
- (l) ammonia addition, five points;
- (m) taste and odor control, two points;
- (n) chlorine dioxide, eight points;
- (o) unlisted new technologies, three to ten points (based on relative complexity);

C. distribution storage capacity:

- (1) 0 to 5,000 gallons, one point;
- (2) 5,001 to 50,000 gallons, two points;
- (3) 50,001 to 500,000 gallons, three points;
- (4) 500,001 to 5,000,000 gallons, four points;
- (5) over 5,000,000 gallons, five points;

D. number of wells:

- (1) one to three, two points;
- (2) four to seven, four points;
- (3) eight to 15, six points;
- (4) over 15, eight points;

E. population affected:

- (1) 0 to 1,000 persons, two points;
- (2) 1,001 to 5,000 persons, five points;
- (3) 5,001 to 10,000 persons, 11 points;
- (4) 10,001 to 20,000 persons, 20 points;
- (5) 20,001 to 50,000 persons, 32 points;
- (6) 50,001 to 100,000 persons, 47 points;
- (7) 100,001 persons and over, 70 points.

Subp. 3. **Accumulated value.** The accumulated point values for systems are as follows:

- A. Class A, 76 or more points;
- B. Class B, 56 to 75 points;
- C. Class C, 31 to 55 points;
- D. Class D, 30 or less points; and

E. Class E, regardless of point values, any system comprised of a groundwater source with no treatment other than point-of-entry or point-of-use treatment devices not used for compliance with the federal Safe Drinking Water Act, United States Code, title 42, sections 300f to 300j-26 (1996 and as subsequently amended), serving a maximum of 500 persons.

**Statutory Authority:** *MS s 115.72; 115.79*

**History:** *21 SR 1165; 25 SR 1633*

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