

1 Department of Health

2

3 Adopted Permanent Rules Relating to Public Water Supply

4

5 Rules as Adopted

6 4720.0025 UNSAFE WATER CONNECTIONS.

7 There shall be no physical connection between any public
8 water supply system intended for potable or domestic use and any
9 system, equipment, or device that may serve as a source of
10 contamination, unless protected by a properly maintained
11 backflow preventer approved by the commissioner. Backflow
12 prevention for fire sprinkler systems must comply with American
13 Water Works Association Standard M14, section 6.3, as referenced
14 in part 4715.2110.

15 4720.0350 RULES AND STANDARDS ADOPTED BY REFERENCE.

16 The National Primary Drinking Water Regulations in Code of
17 Federal Regulations, title 40, part 141, and sections 142.40 to
18 142.64 as amended through July 17, 1992, are incorporated by
19 reference in parts 4720.0200 to 4720.3970 and are subject to the
20 alterations and amendments contained in parts 4720.0200 to
21 4720.3970.

22 4720.0450 DEFINITIONS; SECTION 141.2 OF THE NATIONAL PRIMARY
23 DRINKING WATER REGULATIONS.

24 [For text of subpart 1, see M.R.]

25 Subp. 2. **Commissioner of health defined.** In section 141.2
26 of the National Primary Drinking Water Regulations, the
27 following definition is added:

28 "Commissioner of health" means the authority established by
29 Minnesota Statutes, sections 144.381 to 144.387, for enforcement
30 in the state of the National Primary Drinking Water Regulations
31 and parts 4720.0200 to 4720.3970. For purposes of enforcing the
32 National Primary Drinking Water Regulations, title 40, part 141,
33 the term "state" contained in those regulations means the
34 commissioner of health.

1 [For text of subps 3 to 11, see M.R.]

2 4720.0550 MICROBIOLOGICAL CONTAMINANT SAMPLING AND ANALYTICAL
3 REQUIREMENTS; SECTION 141.21 OF THE NATIONAL PRIMARY DRINKING
4 WATER REGULATIONS.

5 Subpart 1. Section 141.21, paragraph (b), clause (1).

6 Section 141.21, paragraph (b), clause (1), of the National
7 Primary Drinking Water Regulations is amended to read:

8 If a routine sample is total coliform-positive, the public
9 water supplier must collect a set of repeat samples within 24
10 hours of being notified of the positive result. A supplier must
11 collect no fewer than four repeat samples for each total
12 coliform-positive sample found. The commissioner of health may
13 extend the 24-hour limit on a case-by-case basis if the supplier
14 has a logistical problem in collecting the repeat samples within
15 24 hours and the problem is beyond the supplier's control. In
16 the case of an extension, the commissioner of health shall
17 specify how much time the supplier has to collect the repeat
18 samples.

19 Subp. 2. Section 141.21, paragraph (d), clause (2).

20 Section 141.21, paragraph (d), clause (2), of the National
21 Primary Drinking Water Regulations is replaced with the sentence:
22 "Sanitary surveys will be conducted by the department."

23 Subp. 3. Section 141.21, paragraph (e), clause (2).

24 Section 141.21, paragraph (e), clause (2), of the National
25 Primary Drinking Water Regulations is deleted.

26 4720.2300 ADDITIONAL MONITORING REQUIREMENTS.

27 The commissioner may impose additional monitoring
28 requirements if the results of a sanitary survey indicate that a
29 public health risk may exist. The commissioner may impose a
30 requirement for more frequent sampling if the analytical results
31 of water tests show that a previously measured contaminant is
32 approaching a maximum contaminant level prescribed in Code of
33 Federal Regulations, title 40, part 141, as amended through July
34 17, 1992.

1 4720.2700 APPLICATION PROCEDURE FOR VARIANCE FROM PARTS
2 4720.0200 TO 4720.2300.

3 A request for a variance from parts 4720.0200 to 4720.2300
4 shall be submitted to the commissioner in writing and shall
5 follow the procedures and requirements for a variance specified
6 in Code of Federal Regulations, title 40, part 142.20.

7 4720.3920 GENERAL REQUIREMENTS FOR CONSTRUCTION OF SURFACE WATER
8 AND GROUNDWATER UNDER THE DIRECT INFLUENCE OF SURFACE WATER
9 TREATMENT FACILITIES.

10 Groundwater systems determined to be under the direct
11 influence of surface water must meet all applicable requirements
12 contained in parts 4720.3920 to 4720.3965. The source of
13 surface water and groundwater under the direct influence of
14 surface water selected for a public water supply must provide
15 the highest quality water reasonably available which, with
16 appropriate treatment and adequate safeguards, meets the
17 requirements specified in Code of Federal Regulations, title 40,
18 sections 141.72(b) and 141.73, as amended through July 17,
19 1992. The design of the treatment processes, equipment, and
20 structures shall depend on an evaluation of the nature and
21 quality of the particular water to be treated. Variations from
22 the design criteria may be approved by the commissioner in cases
23 where experimental, pilot, or full scale studies have
24 demonstrated that acceptable results can be obtained. Any
25 unfiltered surface water or groundwater under the direct
26 influence of a surface water system that experiences a
27 waterborne disease outbreak must comply with the appropriate
28 treatment requirements contained in parts 4720.3920 to 4720.3965.

29 4720.3942 FILTRATION.

30 The application of any type of filter and media must be
31 supported by water quality data for the period of use sufficient
32 to characterize any variation in water quality. All public
33 systems using surface water or groundwater under the direct
34 influence of surface water must have filtration systems that
35 meet the minimum requirements of parts 4720.3945 to 4720.3955.

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[REVISOR] MEO/MS AR2331

1 Filtration systems must meet the requirements in parts 4720.3945
2 to 4720.3955.

3 .REPEALER. Minnesota Rules, parts 4720.2800; 4720.2900;
4 4720.3000; and 4720.3910, are repealed.