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Title 22@ Social Security

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Division 4@ Environmental Health

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Chapter 15.5@ Disinfectant Residuals, Disinfection Byproducts, and Disinfection Byproduct Precursors

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Article 1@ General Requirements and Definitions

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Section 64530@ Applicability of this Chapter

64530 Applicability of this Chapter

(a)

Community water systems and nontransient noncommunity water systems that treat their water with a chemical disinfectant in any part of the treatment process or which provide water that contains a chemical disinfectant shall comply with the requirements of this chapter beginning on the dates specified in paragraphs (1) or (2), except as provided for in subsections (c) and (d). (1) Systems using approved surface water and serving 10,000 or more persons shall comply beginning January 1, 2002. (2) Systems using approved surface water and serving fewer than 10,000 persons and systems using only ground water not under the direct influence of surface water shall comply beginning January 1, 2004.

(1)

Systems using approved surface water and serving 10,000 or more persons shall comply beginning January 1, 2002.

(2)

Systems using approved surface water and serving fewer than 10,000 persons and systems using only ground water not under the direct influence of surface water shall comply beginning January 1, 2004.

(b)

Transient noncommunity water systems using chlorine dioxide shall comply with the requirements for chlorine dioxide in this chapter beginning on the dates

specified in paragraphs (1) or (2). (1) Systems using approved surface water and serving 10,000 or more persons shall comply beginning January 1, 2002. (2) Systems using approved surface water and serving fewer than 10,000 persons and systems using only ground water not under the direct influence of surface water shall comply beginning January 1, 2004.

(1)

Systems using approved surface water and serving 10,000 or more persons shall comply beginning January 1, 2002.

(2)

Systems using approved surface water and serving fewer than 10,000 persons and systems using only ground water not under the direct influence of surface water shall comply beginning January 1, 2004.

(c)

Community water systems, and nontransient noncommunity water systems serving at least 10,000 persons, using a primary or residual disinfectant other than ultraviolet light or delivering water that has been treated with a primary or residual disinfectant other than ultraviolet light shall comply with the Individual Distribution System Evaluation (IDSE) requirements of 40 Code of Federal Regulations, parts 141.600 and either 141.601 and 141.605, 141.602 and 141.605, 141.603, or 141.604 (71 Fed. Reg. 388 (January 4, 2006); as amended at 74 Fed. Reg. 30953 (June 29, 2009)), which are incorporated by reference.

(d)

Community water systems and nontransient noncommunity water systems using a primary or residual disinfectant other than ultraviolet light or delivering water that has been treated with a primary or residual disinfectant other than ultraviolet light shall: (1) Comply with the applicable TTHM and HAA5 compliance date in

table 64530-A; Table 64530-A TTHM and HAA5 Compliance Dates Systems of this type...Shall comply with TTHM and HAA5 monitoring pursuant to section 64534.2(d) by...

(a) Systems that are not part of a combined	(1) $\geq 100,000$	April 1, 2012
distribution system and systems that serve the largest	(2)	
50,000-99,999		October 1, 2012
population in the combined distribution system and serving a	(3)	
10,000-49,999		October 1, 2013
population of ...	(4)	
$< 10,000$		October 1, 2013

if no *Cryptosporidium* monitoring is required pursuant to 40 Code of Federal Regulations part 141.701(a)(4) (71 Fed. Reg. 654 (January 5, 2006)), which is incorporated by reference; or October 1, 2014, if *Cryptosporidium* monitoring is required pursuant to 40 Code of Federal Regulations part 141.701(a)(4) or (a)(6) (71 Fed. Reg. 654 (January 5, 2006)), which are incorporated by reference. (b) Other consecutive or wholesale systems that are part of a combined distribution system At the same time as the system with the earliest compliance date in the combined distribution system. (2) Systems required to conduct quarterly monitoring for TTHM and HAA5 pursuant to section 64534.2(d) shall: (A) Begin monitoring in the first full calendar quarter that includes the compliance date in table 64530-A; and (B) Make compliance calculations at the end of the fourth calendar quarter that follows the compliance date in table 64530-A and at the end of each subsequent quarter (or earlier if the LRAA calculated based on fewer than four quarters of data would cause the MCL to be exceeded regardless of the monitoring results of subsequent quarters). (3) Systems required to conduct monitoring at a frequency that is less than quarterly shall: (A) No later than 12 months after the compliance date in table 64530-A, begin monitoring in the calendar month recommended in the IDSE report prepared pursuant to section 64530(c) or the calendar month identified in the monitoring plan developed pursuant to section 64534.8; and (B) Make compliance calculations beginning

with the first compliance sample taken after the compliance date in table 64530-A.

(1)

Comply with the applicable TTHM and HAA5 compliance date in table 64530-A; Table 64530-A TTHM and HAA5 Compliance Dates Systems of this type... Shall comply with TTHM and HAA5 monitoring pursuant to section 64534.2(d) by... (a) Systems that are not part of a combined(1) $\geq 100,000$ April 1, 2012 distribution system and systems that serve the largest(2) 50,000-99,999 October 1, 2012 population in the combined distribution system and serving a(3) 10,000-49,999 October 1, 2013 population of ...(4) $< 10,000$ October 1, 2013, if no *Cryptosporidium* monitoring is required pursuant to 40 Code of Federal Regulations part 141.701(a)(4) (71 Fed. Reg. 654 (January 5, 2006)), which is incorporated by reference; or October 1, 2014, if *Cryptosporidium* monitoring is required pursuant to 40 Code of Federal Regulations part 141.701(a)(4) or (a)(6) (71 Fed. Reg. 654 (January 5, 2006)), which are incorporated by reference. (b) Other consecutive or wholesale systems that are part of a combined distribution system At the same time as the system with the earliest compliance date in the combined distribution system.

(2)

Systems required to conduct quarterly monitoring for TTHM and HAA5 pursuant to section 64534.2(d) shall: (A) Begin monitoring in the first full calendar quarter that includes the compliance date in table 64530-A; and (B) Make compliance calculations at the end of the fourth calendar quarter that follows the compliance date in table 64530-A and at the end of each subsequent quarter (or earlier if the LRAA calculated based on fewer than four quarters of data would cause the MCL to be exceeded regardless of the monitoring results of subsequent quarters).

(A)

Begin monitoring in the first full calendar quarter that includes the compliance date in table 64530-A; and

(B)

Make compliance calculations at the end of the fourth calendar quarter that follows the compliance date in table 64530-A and at the end of each subsequent quarter (or earlier if the LRAA calculated based on fewer than four quarters of data would cause the MCL to be exceeded regardless of the monitoring results of subsequent quarters).

(3)

Systems required to conduct monitoring at a frequency that is less than quarterly shall:(A) No later than 12 months after the compliance date in table 64530-A, begin monitoring in the calendar month recommended in the IDSE report prepared pursuant to section 64530(c) or the calendar month identified in the monitoring plan developed pursuant to section 64534.8; and (B) Make compliance calculations beginning with the first compliance sample taken after the compliance date in table 64530-A.

(A)

No later than 12 months after the compliance date in table 64530-A, begin monitoring in the calendar month recommended in the IDSE report prepared pursuant to section 64530(c) or the calendar month identified in the monitoring plan developed pursuant to section 64534.8; and

(B)

Make compliance calculations beginning with the first compliance sample taken after the compliance date in table 64530-A.