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Title 22@ Social Security

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Division 4@ Environmental Health

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Chapter 15@ Domestic Water Quality and Monitoring Regulations

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Article 3@ Primary Standards-Bacteriological Quality

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Section 64426.8@ Level 1 and Level 2 Assessments and Corrective Actions

64426.8 Level 1 and Level 2 Assessments and Corrective Actions

(a)

If a public water system exceeds a Level 1 treatment technique trigger in Section 64426.7(b), the system shall: (1) Direct the system operator or owner to conduct and complete a Level 1 assessment as soon as practical after exceeding any trigger; (2) Ensure that the assessment is conducted to identify the possible presence of sanitary defects and defects in distribution system coliform monitoring practices. The assessment shall include a review and identification of the minimum elements in subparagraphs (A) through (E) and shall describe sanitary defects detected (and if applicable, may note no sanitary defects were detected), corrective actions completed, and a proposed timetable for any corrective actions not already completed: (A) Inadequacies in sample sites, sampling protocol, and sample processing; (B) Atypical events that could affect distributed water quality or indicate that distributed water quality was impaired; (C) Changes in distribution system maintenance and operation that could affect distributed water quality (including water storage); (D) Source and treatment considerations that bear on distributed water quality, where appropriate (e.g., small groundwater systems or whether a groundwater system is disinfected); and (E) Existing water quality monitoring data; (3) Conduct the assessment consistent with any State Board directives that tailor specific assessment

elements with respect to the size and type of the water system and the size, type, and characteristics of the distribution system; (4) Within 30 days after the system learns that it has exceeded a trigger, submit to the State Board the completed assessment; and (5) If directed by the State Board, based on its determination that the completed assessment is not sufficient (including any proposed timetable for any corrective actions not already completed), submit a revised completed assessment to the State Board within 30 days.

(1)

Direct the system operator or owner to conduct and complete a Level 1 assessment as soon as practical after exceeding any trigger;

(2)

Ensure that the assessment is conducted to identify the possible presence of sanitary defects and defects in distribution system coliform monitoring practices. The assessment shall include a review and identification of the minimum elements in subparagraphs (A) through (E) and shall describe sanitary defects detected (and if applicable, may note no sanitary defects were detected), corrective actions completed, and a proposed timetable for any corrective actions not already completed: (A) Inadequacies in sample sites, sampling protocol, and sample processing; (B) Atypical events that could affect distributed water quality or indicate that distributed water quality was impaired; (C) Changes in distribution system maintenance and operation that could affect distributed water quality (including water storage); (D) Source and treatment considerations that bear on distributed water quality, where appropriate (e.g., small groundwater systems or whether a groundwater system is disinfected); and (E) Existing water quality monitoring data;

(A)

Inadequacies in sample sites, sampling protocol, and sample processing;

(B)

Atypical events that could affect distributed water quality or indicate that distributed water quality was impaired;

(C)

Changes in distribution system maintenance and operation that could affect distributed water quality (including water storage);

(D)

Source and treatment considerations that bear on distributed water quality, where appropriate (e.g., small groundwater systems or whether a groundwater system is disinfected); and

(E)

Existing water quality monitoring data;

(3)

Conduct the assessment consistent with any State Board directives that tailor specific assessment elements with respect to the size and type of the water system and the size, type, and characteristics of the distribution system;

(4)

Within 30 days after the system learns that it has exceeded a trigger, submit to the State Board the completed assessment; and

(5)

If directed by the State Board, based on its determination that the completed assessment is not sufficient (including any proposed timetable for any corrective actions not already completed), submit a revised completed assessment to the State Board within 30 days.

(b)

If a public water system exceeds a Level 2 treatment technique trigger in Section

64426.7(c), the system shall: (1) Arrange with the State Board to conduct and complete a Level 2 assessment, that includes a review and identification of the minimum elements in subsections (a)(2)(A) through (E) to identify the possible presence of sanitary defects and defects in distribution system coliform monitoring practices, as soon as practical after exceeding any trigger; (2) Comply with any expedited actions or additional actions required by the State Board in the case of an E. coli MCL violation; (3) Within 30 days after the system learns that it has exceeded a trigger, submit to the State Board a completed assessment that includes the State Board assessment and describes sanitary defects detected (and if applicable, may note no sanitary defects were detected), corrective actions completed, and a proposed timetable for any corrective actions not already completed; and (4) If directed by the State Board, based on its determination that the completed assessment is not sufficient (including any proposed timetable for any corrective actions not already completed), submit a revised description of corrective actions completed and a proposed timetable for any corrective actions not already completed to the State Board within 30 days.

(1)

Arrange with the State Board to conduct and complete a Level 2 assessment, that includes a review and identification of the minimum elements in subsections (a)(2)(A) through (E) to identify the possible presence of sanitary defects and defects in distribution system coliform monitoring practices, as soon as practical after exceeding any trigger;

(2)

Comply with any expedited actions or additional actions required by the State Board in the case of an E. coli MCL violation;

(3)

Within 30 days after the system learns that it has exceeded a trigger, submit to the State Board a completed assessment that includes the State Board assessment and describes sanitary defects detected (and if applicable, may note no sanitary defects were detected), corrective actions completed, and a proposed timetable for any corrective actions not already completed; and

(4)

If directed by the State Board, based on its determination that the completed assessment is not sufficient (including any proposed timetable for any corrective actions not already completed), submit a revised description of corrective actions completed and a proposed timetable for any corrective actions not already completed to the State Board within 30 days.

(c)

A public water system shall correct sanitary defects found through either a Level 1 or Level 2 assessment conducted under subsection (a) or (b), respectively. For corrections not completed by the time of submission of the completed assessment, the system shall complete the corrective action(s) in compliance with a State Board-approved timetable. The system shall notify the State Board within five business days when each scheduled corrective action is completed.

(d)

A public water system in violation of the reporting requirement of subsection (a)(4) or (b)(3) to submit a completed assessment to the State Board or subsection (c) to notify the State Board shall notify the public pursuant to Sections 64463, 64463.7, and 64465.