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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 64423.1@ Sample Analysis and Reporting of Results

## **64423.1 Sample Analysis and Reporting of Results**

### **(a)**

A public water system shall designate (label) each sample as routine, repeat, replacement, or "other" pursuant to Section 64421(b), and have each sample analyzed for total coliforms. The system also shall require the laboratory to analyze the same sample for *Escherichia coli* (*E. coli*) whenever the presence of total coliforms is indicated. As a minimum, the analytical results shall be reported in terms of the presence or absence of total coliforms and *E. coli*, in the sample, whichever is appropriate. If directed by the State Board, based on an identified sanitary defect, exceedance of a Level 1 or Level 2 coliform treatment technique trigger, history of total coliform-positive samples within the past 12 consecutive months, or determination of a possible significant rise in bacterial count in accordance with Section 64426, the analytical results shall be reported in terms of coliform density of total coliforms and *E. coli*, in the sample, whichever is appropriate.

### **(b)**

A public water system shall require the laboratory to notify the system within 24 hours, whenever the presence of total coliform or *E. coli* is demonstrated in a sample or a sample is invalidated due to interference problems, pursuant to Section 64425(b), ensure that a contact person is available to receive these analytical results 24-hours a day, and provide the name(s) and contact

information of the contact person(s) to the laboratory. The system shall also require the laboratory to immediately notify the State Board of any positive bacteriological results if the laboratory cannot make direct contact with the designated contact person within 24 hours.

**(c)**

Analytical results of all required samples collected for a public water system in a calendar month shall be reported to the State Board not later than the tenth day of the following month, as follows: (1) Systems serving more than 400 service connections or 1000 persons, or a wholesaler as defined in section 64402.20(a), shall submit a monthly summary of the bacteriological monitoring results to the State Board, which shall contain the following: (A) Total number of samples collected; (B) Number, sample collection date, and sample location of all total coliform and E. coli-positive samples; (C) Number, sample collection date, sample location, and result of triggered groundwater source samples collected; and (D) Sample collection date, sample location, and result for all repeat samples collected. (2) Systems serving fewer than 10,000 service connections shall require the laboratory to submit copies of all required bacteriological monitoring results directly to the State Board; and (3) Systems serving 10,000 or more service connections shall require the laboratory to submit copies of bacteriological monitoring results for all positive routine samples and all repeat samples directly to the State Board.

**(1)**

Systems serving more than 400 service connections or 1000 persons, or a wholesaler as defined in section 64402.20(a), shall submit a monthly summary of the bacteriological monitoring results to the State Board, which shall contain the following:

(A) Total number of samples collected; (B) Number, sample collection date, and

sample location of all total coliform and E. coli-positive samples; (C) Number, sample collection date, sample location, and result of triggered groundwater source samples collected; and (D) Sample collection date, sample location, and result for all repeat samples collected.

**(A)**

Total number of samples collected;

**(B)**

Number, sample collection date, and sample location of all total coliform and E. coli-positive samples;

**(C)**

Number, sample collection date, sample location, and result of triggered groundwater source samples collected; and

**(D)**

Sample collection date, sample location, and result for all repeat samples collected.

**(2)**

Systems serving fewer than 10,000 service connections shall require the laboratory to submit copies of all required bacteriological monitoring results directly to the State Board; and

**(3)**

Systems serving 10,000 or more service connections shall require the laboratory to submit copies of bacteriological monitoring results for all positive routine samples and all repeat samples directly to the State Board.

**(d)**

A public water system in violation of the monitoring requirement of subsection (a) to test the same sample for E. coli following a total coliform-positive routine sample shall notify the State Board within 10 days after it learns of the violation

and shall notify the public pursuant to Sections 64463, 64463.7, and 64465.

**(e)**

A public water system in violation of the reporting requirement of subsection (c) to report monitoring results to the State Board or subsection (d) to notify the State Board shall notify the public pursuant to Sections 64463, 64463.7, and 64465.