

64425 Sample Invalidation

(a)

A public water system may request the State Board to invalidate a routine or repeat sample for which a total coliform-positive result has been reported if the system demonstrates: (1) All repeat sample(s) collected at the same tap as the original total coliform-positive sample also are total coliform-positive and all repeat samples collected within five service connections of the original tap are not total coliform-positive; or (2) The laboratory did not follow the prescribed analytical methods pursuant to Section 64415(a), based on a review of laboratory documentation by the State Board. The system shall submit to the State Board a written request for invalidation along with the laboratory documentation, the system's sample collection records and any observations noted during sample collection and delivery. The system shall require the laboratory to provide the system with documentation which shall include, but not be limited to: (A) A letter from the director of the laboratory having generated the data, confirming the invalidation request by reason of laboratory accident or error; (B) Complete sample identification, laboratory sample log number (if used), date and time of collection, date and time of receipt by the laboratory, date and time of analysis for the sample(s) in question; (C) Complete description of the accident or error alleged to have invalidated the result(s); (D) Copies of all analytical, operating, and quality assurance records pertaining to the incident in question;

and (E) Any observations noted by laboratory personnel when receiving and analyzing the sample(s) in question.

(1)

All repeat sample(s) collected at the same tap as the original total coliform-positive sample also are total coliform- positive and all repeat samples collected within five service connections of the original tap are not total coliform-positive; or

(2)

The laboratory did not follow the prescribed analytical methods pursuant to Section 64415(a), based on a review of laboratory documentation by the State Board. The system shall submit to the State Board a written request for invalidation along with the laboratory documentation, the system's sample collection records and any observations noted during sample collection and delivery. The system shall require the laboratory to provide the system with documentation which shall include, but not be limited to: (A) A letter from the director of the laboratory having generated the data, confirming the invalidation request by reason of laboratory accident or error; (B) Complete sample identification, laboratory sample log number (if used), date and time of collection, date and time of receipt by the laboratory, date and time of analysis for the sample(s) in question; (C) Complete description of the accident or error alleged to have invalidated the result(s); (D) Copies of all analytical, operating, and quality assurance records pertaining to the incident in question; and (E) Any observations noted by laboratory personnel when receiving and analyzing the sample(s) in question.

(A)

A letter from the director of the laboratory having generated the data, confirming the invalidation request by reason of laboratory accident or error;

(B)

Complete sample identification, laboratory sample log number (if used), date and time of

collection, date and time of receipt by the laboratory, date and time of analysis for the sample(s) in question;

(C)

Complete description of the accident or error alleged to have invalidated the result(s);

(D)

Copies of all analytical, operating, and quality assurance records pertaining to the incident in question; and

(E)

Any observations noted by laboratory personnel when receiving and analyzing the sample(s) in question.

(b)

Whenever any total coliform routine or repeat sample result indicative of the absence of total coliforms has been declared invalid by the laboratory due to interference problems as specified at 40 Code Federal Regulations, Section 141.853(c)(2) (78 Fed. Reg. 10270 (February 13, 2013)), which is incorporated by reference, the public water system shall collect a replacement sample from the same location as the original sample within 24 hours of being notified of the interference problem, and have it analyzed for the presence of total coliforms. The system shall continue to re-sample at the original site within 24 hours and have the samples analyzed until a valid result is obtained. If the system is unable to collect the sample within the 24-hour time period or deliver the sample to the laboratory within 24 hours after collection because of circumstances beyond its control, the system shall notify the State Board within 24 hours. The State Board will then determine how much time the system will have to collect the replacement sample.

(c)

A total coliform-positive sample invalidated under this section does not count towards meeting the minimum routine and repeat sample monitoring requirements of Sections 64423 and 64424, respectively.

(d)

A public water system in violation of the replacement sample monitoring requirements of subsection (b) shall notify the State Board within 10 days after it learns of the violation and notify the public pursuant to Sections 64463, 64463.7, and 64465.

(e)

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