

Saskatchewan Requirements

I have quoted the applicable regulatory sections for your convenience below. If you have any further questions please contact me.

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What is required if unusual operational anomalies, etc.

37(1) Every permittee of a waterworks and every employee, agent or contractor engaged by a permittee shall immediately report to the minister any known or anticipated upset condition, bypass condition or events at or affecting a waterworks that could adversely affect the quality of water produced by the waterworks.

(2) The persons mentioned in subsection (1) shall immediately report to the minister any instance where:

- (a) disinfection equipment fails; or
- (b) the level of disinfection required by section 30 is not achieved or is not anticipated to be achieved.

13 Dec 2002 cE-10.21 Reg 1 s37.

DIVISION 6
Water Samples and Tests

Accredited laboratory

38(1) Subject to subsections (2) and (3), on and after March 31, 2004, an accredited laboratory must perform any analysis pursuant to this Division in accordance with the parameters for which it has been accredited.

(2) For the purposes of this Division, if an accredited laboratory is not specifically accredited to perform an analysis required by this Division:

- (a) the minister may approve any analytical protocols and procedures that the minister considers necessary to ensure that water is properly tested; and
- (b) the accredited laboratory performing analysis pursuant to this Division shall perform the analysis in accordance with the analytical protocols and procedures authorized pursuant to clause (a).

(3) If the minister approves any analytical protocols and procedures pursuant to subsection (2), the minister shall cause those protocols and procedures to be made available to the public in any manner that the minister considers likely to bring them to the public's attention, including causing them to be posted on the department's Internet website.

13 Dec 2002 cE-10.21 Reg 1 s38.

Testing, test results and notice of test results

39(1) Every permittee of a waterworks shall:

- (a) cause water samples to be taken regularly during the operation of the waterworks to test for bacteria and chlorine, and for any other constituents that the permittee's permit requires to be monitored, at those locations and times and at a frequency:
 - (i) specified in the permittee's permit; or
 - (ii) as directed by an order made pursuant to the Act; and
- (b) subject to subsections (2) and (3), submit the water samples taken pursuant to clause (a) for analysis to an accredited laboratory.

- (2) A water sample taken for the purposes of analysis pursuant to subclause 32(1)(b)(i) may be submitted to an accredited laboratory or to any approved laboratory.
- (3) A permittee may perform tests on water samples taken for the purposes of analysis for on-site total chlorine residuals, free chlorine residuals or turbidity monitoring and need not submit those water samples for testing to an accredited laboratory.
- (4) If the results of any sample test taken pursuant to subsection (1) show that the level of any bacteria or any other constituent in the treated water exceeds the level or range set out in these regulations, the permittee shall:
- (a) in the case a test result showing the presence of total coliforms, fecal coliforms, *Escherichia coli* or 200 or more organisms per 100 millilitres as an overgrowth of background bacteria, conduct any additional testing in accordance with the *Bacteriological Follow-up Protocol for Waterworks Regulated by Saskatchewan Environment*, EPB 205, dated November 2002 as issued by the department;
 - (b) in the case of any other constituent that exceeds a level set out in these regulations, conduct any additional testing at the times and frequencies and in the manner directed by the minister.
- (5) For the purposes of this section, the *Bacteriological Follow-up Protocol for Waterworks Regulated by Saskatchewan Environment*, EPB 205, dated November 2002 as issued by the department, as amended from time to time, is adopted.
- (6) If the minister considers it to be necessary, the minister may direct a permittee to conduct any further sampling and testing, in addition to that conducted pursuant to subsection (1), to monitor:
- (a) the quality of the water in the waterworks; or
 - (b) the efficacy of the treatment process.
- (7) Subject to subsection (8), any laboratory that conducts any analysis of water samples from a waterworks shall, within seven days after the date of completion of the analysis, report the results of the analysis to:
- (a) the permittee of the waterworks; and
 - (b) the minister.
- (8) If a sample submitted in accordance with subsection (1) or (6) shows the presence of total coliforms, fecal coliforms, *Escherichia coli* or 200 or more organisms per 100 millilitres as an overgrowth of background bacteria, the laboratory that conducted the analysis shall:
- (a) notify the minister in accordance with the *Bacteriological Follow-up Protocol for Waterworks Regulated by Saskatchewan Environment* mentioned in subsection (5); and
 - (b) within 72 hours after obtaining the result, send a written copy of the result to the permittee who submitted the samples and to the minister.

(9) On being notified pursuant to subsection (8), the permittee of the waterworks shall:

- (a) immediately notify the minister of the measures the permittee has taken and intends to take to remedy the situation in relation to the testing results;
- (b) notify consumers served by the waterworks of the measures mentioned in clause (a) in the manner and within the time that is directed by the minister in accordance with the *Bacteriological Follow-up Protocol for Waterworks Regulated by Saskatchewan Environment* mentioned in subsection (5); and
- (c) take any other action in relation to the results of testing and quality of water that the minister may direct to protect human health or public safety.