

### **333-061-0076**

#### **Sanitary Surveys**

- (1) All sanitary surveys as defined by OAR 333-061-0020(158) and this rule shall be conducted by the Department or contract county health department staff.
- (2) Public water systems must provide the Department, upon request, any existing information that will enable the Department to conduct a sanitary survey.
- (3) The sanitary survey report shall be completed by staff and sent to the water system following the site visit. The content of the sanitary survey report shall address, at a minimum, the following components of a water system: source of supply; treatment; distribution system; finished water storage; pumps, pump facilities and controls; monitoring, reporting and data verification; system management and operations; and operator certification compliance.
- (4) The sanitary survey report must identify any significant deficiency prescribed in this section, or any violation of drinking water regulations, discovered in the on-site visit. For the purposes of sanitary surveys, significant deficiencies for all water systems are:
  - (a) Surface Water Treatment:
    - (A) Incorrect location for compliance turbidity monitoring;
    - (B) For systems serving >3300 no auto-dial, call-out alarm or auto-plant shutoff for low chlorine residual;
    - (C) For conventional or direct filtration, no auto-dial, call-out alarm or auto-plant shutoff for high turbidity when no operator is on-site.
    - (D) For conventional filtration, settled water turbidity not measured daily;
    - (E) For conventional or direct filtration, turbidity profile not conducted on individual filters at least quarterly;
    - (F) For cartridge filtration, no pressure gauges before and after cartridge filter;
    - (G) For cartridge filtration, filters not changed according to manufacturer's recommended pressure differential; and
    - (H) For diatomaceous earth filtration, body feed not added with influent flow.
  - (b) Groundwater Well Construction:
    - (A) Sanitary seal and casing not watertight;
    - (B) Does not meet setbacks from hazards;
    - (C) Wellhead not protected from flooding;
    - (D) No raw water sample tap;
    - (E) No treated sample tap, if applicable;
    - (F) If well vent exists, not screened.
  - (c) Groundwater Springbox Construction:

- (A) Not constructed of impervious, durable material;
  - (B) No watertight access hatch/entry;
  - (C) No screened overflow;
  - (D) Does not meet setbacks from hazards.
- (d) Disinfection:
- (A) No means to adequately determine flow rate on contact chamber effluent line;
  - (B) Failure to calculate CT values correctly;
  - (C) No means to adequately determine disinfection contact time under peak flow and minimum storage conditions.
- (e) Finished water storage:
- (A) Hatch not locked;
  - (B) Roof and hatch not watertight;
  - (C) No flap-valve or equivalent over drain/overflow;
  - (D) No screened vent.
- (5) Sanitary survey fees. All community, non-transient non-community, transient non-community, and state regulated water systems are required to undergo a sanitary survey on a frequency determined by the Department and are subject to a fee payable to the Department by December 31 of the year in which the sanitary survey is conducted.

The fee schedule is as follows:

| Water System Type:   | # of connections: | Fee:   |
|--|-------------------|--------|
| Non-community<br>(transient, non-transient, state regulated) | NA                | \$150  |
| Community  | 15-250            | \$150  |
| Community (w/oWT classification)                             | 251-500           | \$675  |
|  | 501-1000          | \$900  |
|  | 1001-3000         | \$1200 |
|  | >3,000            | \$1800 |
| Community (w/ WT classification)                             | 251-500           | \$900  |
|  | 501-1000          | \$1200 |
|  | 1001-3000         | \$1600 |
|  | >3000             | \$2400 |
| Community (purchasing exclusively)                           | 251-500           | \$540  |
|  | 501-1000          | \$720  |
|  | 1001-3000         | \$960  |
|  | >3000             | \$1440 |

- (6) Response required to address survey significant deficiencies:
- (a) Water systems that use surface water sources or groundwater sources under direct influence of surface water must respond in writing to the Department or county Health Department within 45 days of receiving

the sanitary survey report. The response of the water system must include:

- (A) The plan the public water system will follow to resolve or correct the identified significant deficiencies; and
  - (B) The plan the public water system will follow to resolve or correct any violations of drinking water regulations as identified during the sanitary survey or any other time; and
  - (C) The schedule the public water system will follow to execute the plan.
- (b) Beginning on December 1, 2009, water systems that use only groundwater sources must consult with the Department or county Health Department within 30 days of receiving written notice of a significant deficiency or a violation of a drinking water regulation identified during the sanitary survey.
- (A) Water systems must have completed corrective action or be in compliance with a Department-specified corrective action plan within 120 days of receiving written notice of a significant deficiency, as specified in OAR 333-061-0032(6)(e).
- (7) Public water systems that fail to respond to the Department or county Health Department within the timeframe specified, are required to issue a tier 2 public notice as prescribed in OAR 333-061-0042(2)(b)(E).
- (8) Public water systems must correct the deficiencies or violations identified in the sanitary survey according to the documented schedule identified in section (4) of this rule. Failure to do so constitutes a violation of these rules.