

Sections 141.74, 141.174, and 141.560—141.562 Subparts T and W; and

(10) Disinfectant residuals and disinfectant by-product requirements in 40 CFR, Part 141, Subparts C, H, ~~and L~~, U and V.

(d) Systems, which operate on an intermittent or seasonal basis, shall submit bacteriological samples on two consecutive days prior to placing the system into operation. The system can be placed into operation only after the samples are shown to be safe.

252:631-3-2. Laboratory accreditation

~~Compliance analyses for coliform, inorganics, organics, radioactivity and corrosivity contaminants must be performed in a laboratory accredited by the DEQ. An accredited lab must transmit the analyses to the DEQ in an electronic form acceptable to the DEQ, no later than the first ten (10) days following the month in which the result is received or the first ten (10) days following the end of the required monitoring period. Testing required for compliance with turbidity treatment technique, disinfectant residual, temperature and pH requirements may be performed by a laboratory operator certified by the DEQ. Process control tests may be performed by a laboratory operator certified by the DEQ.~~

(a) **Analytical testing.** Compliance samples for microbiological, inorganic, organic and radioactive contaminants as well as corrosivity must be analyzed by a laboratory accredited by the DEQ. Testing required for compliance with alkalinity, calcium, conductivity, disinfectant residual, orthophosphate, pH, silica, temperature and turbidity may be performed by a laboratory operator certified by the DEQ.

(b) **Laboratory reporting requirements.** In addition to distributing final reports to the PWS as required in OAC 252:301 and 307, the laboratory must transmit data to the DEQ as follows:

(1) **Electronic reporting.** Analytical results must be transmitted to DEQ in an electronic format acceptable to DEQ no later than 10 days after the month or required monitoring period in which the sample was collected.

(2) **Emergency notification.** All *E. coli* positive sample results, and all follow up samples for *E. coli* positive sample results, must be reported to designated Water Quality Division personnel immediately by phone and email.

252:631-3-4. Validation of data

~~Notwithstanding other provisions of this Chapter, samples that are not properly collected or submitted, not collected by trained and authorized personnel, not analyzed in an accredited laboratory, or samples that do not represent the distribution system must not be used to determine compliance with these regulations. Total coliform positive samples, which are due to improper analysis, domestic or other non-distribution plumbing problems, or due to circumstances or conditions that do not reflect water quality in the distribution system must not be counted toward meeting minimum monitoring requirements. The DEQ must document the determination that there are circumstances or conditions that do not reflect water quality in the distribution system. A sample that produces a turbid culture in the absence of gas production, produces a turbid culture in the absence of an acid reaction, exhibits confluent growth, or produces colonies too numerous to count must be invalidated and replaced with another sample within twenty-four (24) hours of notification by the state. DEQ must document the determination of circumstances or conditions that require samples to be invalidated.~~

252:631-3-10. Process control tests

Control tests must be performed in accordance with procedures approved by the DEQ.

(1) **Surface water, groundwater under the direct influence of surface water, and springs.**