

Appendix to rule 3745-81-51

Start-up Procedure Requirements for Seasonal Public Water Systems

Instructions: Beginning April 1, 2016, seasonal noncommunity public water systems are required to complete the start-up requirements specified by Ohio Administrative Code (OAC) rule 3745-81-51. Those requirements are listed in this appendix. Prior to serving water to the public each season, complete the following:

1. All seasonal systems must complete and keep a copy of the Seasonal Public Water System Start-up Requirements and Checklist on site for at least 5 years.
2. Complete an annual start-up certification and submit the form to the appropriate Ohio EPA District Office.

Most of the requirements listed below apply to all seasonal systems. Each applicable element shall be completed.

The director shall provide an appropriate Seasonal Public Water System Start-up Requirements and Checklist form and annual start-up certification form to each seasonal system.

1. Pre-Inspection Activities.
 - 1.1 Review Ohio EPA Sampling Schedule. Update Sample Siting Plan as necessary.
 - 1.2 Make arrangements for sample analysis by a certified laboratory.
 - 1.3 Establish an account for electronic reporting with Ohio EPA if the system is required to submit monthly operating reports.
2. Initial Inspection.
 - 2.1 Well and pumphouse.
 - 2.1.1 Well cap is tight and secure.
 - 2.1.2 Pump house, if present, is locked and secure.
 - 2.1.3 Well casing is structurally sound.
 - 2.1.4 The well vent is turned downward and the screen is intact.
 - 2.1.5 Chemicals (e.g., pesticides, fuels, solvents) are stored outside of isolation radius or at least 100 feet from the well.
 - 2.1.6 Backup generator and fuel are stored to capture any leaks in a secondary (backup) containment area.
 - 2.1.7 The sample tap does not leak and flows freely when opened.
 - 2.2 Storage tanks.
 - 2.2.1 Tanks were visually inspected for corrosion and physical damage.
 - 2.2.2 The water level controls are functioning properly.
 - 2.2.3 The access hatches are locked and the hatch areas and lids are protected from insects.
 - 2.2.4 The tank overflow pipes are screened, the screens are intact and the discharge is at least 12 inches above grade.

5.1.1 In nonchlorinated systems (do not have continuous chlorine treatment) – chlorine is nondetectable.

5.1.2 In chlorinated systems (do provide continuous chlorination treatment) – chlorine is at least 0.2 mg/L free chlorine or 1.0 mg/L total chlorine and less than 4.0 mg/L total chlorine.

5.2 Collect special purpose total coliform samples.

5.2.1 Collect at least one special purpose sample at the service connection considered to be most susceptible to contamination for total coliform analysis. The service connection farthest from the entry point is often the appropriate location. If the special purpose sample is TC-negative, you may proceed to Step 6. If the special purpose sample is TC-positive, the disinfection and flushing procedure must be repeated. Following thorough flushing, at least two special purpose samples collected at least 24 hours apart must be TC-negative prior to proceeding to Step 6.

6. Complete Annual Start-up Certification Form.

6.1 Submit the completed Annual Start-up Certification Form to the appropriate Ohio EPA District Office a minimum of five days before serving water to the public in accordance with OAC rule 3745-81-55.

6.2 Keep a copy of the completed Seasonal Public Water System Start-up Requirements and Checklist with your water system records and have it available for review by Ohio EPA.