This checklist helps you identify potential problems with your water system that may allow contamination to enter. If you check any item below with “No,” it means your system needs improvements. If you are unsure what improvement to make, [call your ODW regional office](https://doh.wa.gov/community-and-environment/drinking-water/offices-and-staff).

By completing this form, you document that you checked the following components of your water system during start-up and shutdown for one year of operation. We recommend that you select the date you complete each item and keep this record.

## Attention Seasonal Systems

You may find this document helpful as you develop your set of start-up procedures to meet [Revised Total Coliform Rule](https://doh.wa.gov/community-and-environment/drinking-water/contaminants/coliform/revised-total-coliform-rule-rtcr) requirements. Every operating season, before serving water to the public, seasonal systems must certify that they completed a set of state-approved start-up procedures to ensure the system is ready to supply safe drinking water to its customers

|  | **Start-Up:** Date | **Shut-Down:** Date |
| --- | --- | --- |
|  | **Check One** | **Date** | **Check One** | **Date** |
| Well Source and Pumphouse |
| Is the pumphouse locked and protected from trespassers? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the well protected from tampering? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are all chemicals (pesticides, gas, herbicides, paints, solvents, etc.) more than 100 feet away from the well? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| If there are any signs of animal activity, are they at least 100 feet away from the well? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| If you have a back-up generator, is the fuel and generator stored so any fuel leaks will be captured in a secondary (back-up) containment area? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the well cap free of openings that would allow an insect to crawl into the well? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the well casing vent inverted and is the screen intact? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are rodents or insects being kept out of the well house and away from the well head? *Look for droppings, chewed papers or wiring, or nesting materials.* | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the sample tap working properly? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Do you have a water meter for the well and is it working? | [ ]  Yes [ ]  No |  | [ ]  Yes [ ]  No |  |
| Meter Readings |  |  |  |  |
| Start-up: Enter number on Date |  |  |  |  |
| Shut down: Enter number on Date |  |  |  |  |
| Are you recording water use on a routine basis when you are open? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| In the past year, have you verified your water meter is accurately measuring the water pumped by the system? *Verify this by pumping into a bucket or barrel of known volume and comparing it to the meter readings*. | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Did you measure and record the static water level? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Static Water Level Enter number on Date |  |  |  |  |
| *Disinfect probe prior to measuring the state water level.* |  |  |  |  |
| Chlorination*Make sure the chlorinator is pumping chlorine at an adequate dose throughout distribution. Test the free chlorine residual at least twice on separate days and evaluate results. Adjust as needed.* |
| Is the treatment working properly? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the chlorine residual test kit working and are the reagents fresh? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Have you replaced all of the chlorinator tubing within the last year? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Have you checked the chemical injection point and cleaned it? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Have you verified the chemical feed pump is working properly? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Did you buy new chlorine solution (bleach) and discard last year’s supply? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| **Start-up:** Do you have enough Chlorination Report forms for this year? | [ ]  Yes [ ]  No | Date |  |  |
| **Shut-down:** Were all Chlorination Reports submitted to your ODW regional office for the operating season? |  |  | [ ]  Yes [ ]  No | Date |
| Other Treatment*Make sure the treatment unit is actually adding or removing the water quality parameter in question (for example iron). You need to measure the parameter at least twice on separate days. If you have specific questions about how to do this, contact the manufacturer or call your ODW regional engineer.* |
| Pressure Tanks |
| Can you ensure none of your pressure tanks are waterlogged? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Do the air/water level controls function properly? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is there a pressure relief valve on each tank? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Storage Tanks |
| Have you cleaned the inside of the tank within the last five years? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the tank overflow pipe screened and is the screen intact? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the access hatch locked? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the tank vent properly screened and is the screen fully intact? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are birds or bats being kept out of the tank? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are insects and spiders being kept out of the hatch area, especially on the inside of the lid? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the bottom of the tank free from sediment build-up? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are the storage tank roof and sides structurally intact without holes and cracks? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are the water level controls functioning properly? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Is the coating on the inside or outside of the tank in good condition? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |

|  | **Start-Up:** Date | **Shut-Down:** Date |
| --- | --- | --- |
|  | **Check One** | **Date** | **Check One** | **Date** |
| Distribution Lines |
| When you walk the lines, can you ensure none of them is exposed? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Have you located each valve and shut down and re-opened each one to ensure they all work? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Have you checked your system for leaks?*Hint: Read the source meter when the system use should be zero, such as 2:00 a.m., to get an estimate of leaks.* | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are you avoiding “frost-free” hydrants for water service?*Hint: The weep hole in frost-free hydrants can allow potential contaminants to enter the system.* | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Are all outdoor hose bibs provided with vacuum breakers? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| Have you had all of your cross-connection control devices tested and did they pass? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |
| If you have an RV dump station, can you ensure the drinking water line can't reach the sewer pad? | [ ]  Yes [ ]  No | Date | [ ]  Yes [ ]  No | Date |

# For More Information

Find more resources on our [Publications and Forms webpage](https://doh.wa.gov/community-and-environment/drinking-water/publications-and-forms).

Contact our nearest regional office from 8 AM to 5 PM, Monday through Friday. If you have an after-hours emergency, call 877-481-4901.

[Eastern Region](https://www.doh.wa.gov/CommunityandEnvironment/DrinkingWater/OfficesandStaff/EasternRegionalOfficeStaff), Spokane Valley 509-329-2100, Fax 253-395-6760, nwro.admin@doh.wa.gov.

[Northwest Region](https://www.doh.wa.gov/CommunityandEnvironment/DrinkingWater/OfficesandStaff/NorthwestRegionalOfficeStaff), Kent 253-395-6750, Fax: 360-664-8058, swro.coli@doh.wa.gov.

[Southwest Region](https://www.doh.wa.gov/CommunityandEnvironment/DrinkingWater/OfficesandStaff/SouthwestRegionalOfficeStaff), Tumwater 360-236-3030, Fax: 509-329-2104, ero.coli@doh.wa.gov.

To request this document in another format, call 1-800-525-0127. Deaf or hard of hearing customers, please call 711 (Washington Relay) or email doh.information@doh.wa.gov. If in need of translation services, call 1-800-525-0127.