

SAFETY TIPS WATER TREATMENT SYSTEMS AND FLOODING

Flooding Risk– Here are some Safety Tips to Protect your Home's

These safety tips can help to protect home water treatment systems and to reactivate appliances that have been exposed to a flood.

What to do with water treatment systems when a flood is Imminent: When there is sufficient time to take action:

- Shut off the water supply to the home.
- Have a qualified person remove water softeners, iron and media filters and chlorine dispensers and secure for flood.
- Plug or cap the water lines to all appliances that were removed.
- Remove the electric motors, pumps and controls, if any.
- Secure all tanks with a cable or chain to prevent it from floating away or causing damage during the flood.



Still reeling from fire season, Merritt, B.C., evacuees now taking stock of 'devastating' floods. Source: CBC News

If there is no advanced warning of flooding or a qualified person is not available:

- Turn off the water main or shut down the pump (if on a well).
- Shut off valves to all water treatment devices.
- Turn off the power to all water treatment devices.
- Shut off the water supply, but do not drain the hot water heater.
- When applicable, secure the tanks or containers.

What to do with water treatment systems after a flood

Water treatment devices that have been subject to flooding or other damage must not be reactivated or reconnected to the water supply until a person acceptable to the authority having jurisdiction, such as a plumber or certified water treatment technician, has inspected the systems. Floodwater can cause structural damage to the building. Therefore, all plumbing must be checked, and pressure tested to ensure there are no leaks.

When reactivating systems, a qualified person must follow these safety tips to ensure appliances are safe for continued use:

- Carefully inspect all systems and components that were submerged, or water damaged.
- Selected parts (i.e. safety valves & controls) must be replaced in accordance with manufacturers' instructions.
- Remove all components and clean/disinfect as required.
- Examine softener heads and orifices to ensure they are clean and free of water, dirt and debris.
- Inspect all electrical components to ensure that they are clean and dry.
- After replacing necessary components, start the systems to check controls, such as water softener heads, solenoid valves, etc.
- Disinfect the system, house plumbing and necessary systems with approved disinfection procedures.

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About CWQA

The Canadian Water Quality Association is a not-for-profit trade association. Chartered in 1960, the association is a vibrant organization committed to providing members with the tools for success in today's competitive environment. More than 150 companies are members of this influential Canadian industry association. They are the manufacturers, distributors, dealers and allied companies who manufacture and distribute drinking water treatment products.