

| | | |
|--|---|--|
| WASHOE COUNTY HEALTH DISTRICT <small>ENHANCING QUALITY OF LIFE</small> | WASHOE COUNTY HEALTH DISTRICT ENVIRONMENTAL HEALTH SERVICES DIVISION 1001 East 9th Street • Reno, NV 89512 Telephone (775) 328-2434 • Fax (775) 328-6176 www.washoecounty.us/health health@washoecounty.us *** Fact Sheet *** Backflow protection of water risers at MH & RV parks | WASHOE COUNTY HEALTH DISTRICT <small>ENHANCING QUALITY OF LIFE</small> |
|--|---|--|

<https://www.washoecounty.us/health/files/ehs/regulations/ehs/07-26-95-mhrv.pdf>

<https://www.leg.state.nv.us/nac/NAC-461A.html#NAC461ASec180>

<https://fccchr.usc.edu/list.html>

Mobile home (MH) parks and recreational vehicle (RV) parks in Washoe County are required to have a clean and safe source of drinking water for customers and guests.

Most MH + RV parks receive drinking water from a water company.

A water company tests the drinking water on a routine basis to verify that the water is clean and safe.

Once the drinking water enters the park through underground pipes, the park is responsible for ensuring the drinking water is clean and safe.

One way to verify that the drinking water stays clean and safe is to use backflow protection.

Backflow protection is the practice of verifying that clean drinking water isn't contaminated by dirty water (e.g. sewer).

Backflow protection can be located inside a MH or RV and outside a MH or RV.

An example of backflow protection inside a MR or RV is a kitchen sink, where a kitchen faucet is above the rim of a sink.

If a sink overflows, the dirty water can't flow into the kitchen faucet.

An example of backflow protection outside a MH or RV is on a garden hose valve or hose bibb.

A brass vacuum breaker is commonly installed to prevent water from being sucked back into a MH or RV.

The regulatory standards require that each water riser at a MH + RV park has backflow protection.

The following list shows the backflow protection that is appropriate or that is not appropriate:

| Backflow (where located) | Appropriate / Not Appropriate | Why? |
|---|-------------------------------|---|
| Atmospheric vacuum breaker (riser) | Not Appropriate | Continuous pressure |
| Pressure vacuum breaker (riser) | Not Appropriate | Installed below the inside fixtures |
| Double check valve assembly (riser) | Appropriate | Clean water & dirty water separated by backflow assembly |
| Reduced pressure valve assembly (riser) | Appropriate | Clean water & dirty and unsafe water separated by backflow assembly |
| Air gap (sink faucets, etc.) | Most Appropriate | Clean water & dirty water separated by air |

If every plumbing fixture inside a MH or RV is appropriately protected from backflow (e.g. air gap), then backflow protection is not necessary on the water riser.