

REPLACING OR REPAIRING A POTABLE WATER BACKFLOW PREVENTER January 1, 2019

Will you be repairing or replacing a backflow preventer on the potable water system at your business?

If so the following provides general information regarding city permits, notifications, and valve shut-off requests that may be needed depending on your specific circumstances.

Is a permit from the City of Goodyear required?

- Yes, a permit is required if you will be performing any excavation, blocking a city street or sidewalk, and/or if you will be changing the diameter or type of backflow preventer.
 - ◆ Example 1: If you are converting an underground backflow device to an above ground device and excavation is necessary, contact the Engineering Department at [Construction Permit Application](#) for a Water permit.
 - ◆ Example 2: If the work requires the temporary blockage of a city sidewalk or street, contact the Engineering Department for a [Traffic Control Permit Application](#).
 - ◆ Example 3: If you are converting a 4" diameter backflow preventer to a 3" diameter, or if you are changing from a RP device to a DC device, contact Building Safety at [Building Safety Permits](#) to apply for a plumbing permit.

Note: Building Safety does not support backflow replacements that reduce the flow or pressure to the building potable or fire suppression systems without justification of the water distribution requirements supported by hydraulic calculations.
- No, a permit is not required if you are not performing any excavation, blocking a city street or sidewalk, and/or you not changing the diameter or type of the backflow preventer.

Do I need to notify the City of Goodyear Fire Department or Building Safety if I am repairing or replacing a backflow preventer?

- Yes, if you are shutting down a fire line to repair or replace a backflow preventer, notify the Goodyear Fire Department by email at gyfire@goodyearaz.gov. Provide the business name, address, date and the anticipated duration of the shut-down. Provide a follow-up email to the Fire Department when the fire line operation is restored.

Note: If the fire line is a looped system and with at least two connections to City water mains, and you are shutting down only one of the connections, then Fire Department notification is not required.
- Yes, if the backflow is being monitored by the fire alarm panel, notify Building Safety by email at gycdev@goodyearaz.gov of any replacement or discontinuance with justification.

If I need the City of Goodyear to shut down a City water valve or water meter to isolate the water line in order to repair or replace a backflow preventer, who do I contact?

- If you need the City of Goodyear to shut down a City water valve or meter to isolate the water line in order to repair or replace a backflow preventer, contact Public Works at [623-932-3010 Option 3](tel:623-932-3010) to make a request at least 2 business days/48 hours in advance.

Please note: Whenever a backflow device is repaired or replaced, it must be tested by certified backflow prevention device professional and the certification must be submitted to the City Public Works following the same procedure for submitting annual backflow device certifications.