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City Manager
Ryann Juden

Council Members
Isaac E. Barron
Pamela A. Goynes-Brown
Scott Black
Richard J. Cherchio



Your Community of Choice

**Utilities Department
Utilities Operations**

2829 Fort Sumter Dr. • North Las Vegas, Nevada 89030
Telephone: (702) 633-1275 • Fax: (702) 649-9784 • TDD (800) 326-6868
www.cityofnorthlasvegas.com

April 19, 2018

Amended: July 30, 2018. March 25, 2019

EFFECTIVE IMMEDIATELY

RE: Upgrades for Service Protection Backflow Assemblies

The City of North Las Vegas Utilities Operations Division, Water Operations – Backflow and Cross-Connection Control Section has updated their requirements regarding the installation of retrofit backflow prevention assemblies and the upgrade of existing backflow assemblies. These changes were designed to ensure that all local, State and Federal laws and requirements are met. The responsible party must provide regular updates regarding their status to Water Operations via email to backflowprogram@cityofnorthlasvegas.com

Upgrades to Existing Under-protected, Damaged, or Failing Assemblies:

All Double Check Detector Assemblies (DCDA) that cannot be returned to manufacturer's specifications must be upgraded to a RPDA upon written notification. All single check fire service protection backflow assemblies will be required to upgrade to a Reduced Pressure Detector Assembly (RPDA) upon written notification.

All previously approved Pressure Vacuum Breakers (PVB) that cannot be returned to manufacturer's specifications, or are missing, must be upgraded to a Reduced Pressure (RP) device upon written notification.

Water services 2" or below will require drawings from a licensed contractor. Water services above 2" will require civil plans from a professionally licensed civil engineer (P.E.)

NOTE: If your existing water service provides any type of fire protection or suppression, you will be required to submit civil plans. These plans will be reviewed by both an engineer and fire marshal to ensure all required flow requirements are met.

- The responsible party will have 30 days from the date of their written notification to contract with a certified plumbing company, or if required a professionally licensed civil engineer (P.E.). Additionally, a pre-submittal meeting with the CNLV Public Works Department, Development and Flood Control (DFC) division will need to be scheduled. Pre-submittal meetings can be scheduled

through Robert Weible at (702) 633-2811. Proof of contract with the plumbing company or civil engineer must be provided to Water Operations via email to backflowprogram@cityofnorthlasvegas.com. The subject line should reference the subject property and reason for update.

- The responsible party will have a maximum of 30 days from the date of the pre-submittal meeting to submit all required civil drawings and/or easement plans to Quang Phan, P.E. or Xiaohui Yu, P.E. in Public Works, DFC. Public Works can be reached at (702) 633-1200. Proof of submission to DFC must be provided to Water Operations via email to backflowprogram@cityofnorthlasvegas.com. The subject line should reference the subject property and reason for update.
- Upon approval of the civil plans or contractor drawings, the responsible party will have a maximum of 30 days from the date of approval to begin the installation process. Once this progress has begun, an update must be submitted to Water Operations via email to backflowprogram@cityofnorthlasvegas.com. The subject line should reference the subject property and reason for update.
- All installations must be performed by a state licensed plumbing contractor using the most current edition of the Uniform Design and Construction Standards for Potable Water Systems (UDACS). Contractors must obtain an off-site permit through DFC prior to beginning any work.
- Prior to and during installation, the contractor must schedule all required inspections through Public Works, Engineering and Construction Services by calling the Inspections Hotline at 702-390-4407 or via emailing to util-insp@cityofnorthlasvegas.com.
- Upon notification from the City of North Las Vegas Construction Inspector, the contractor will contact a third-party testing company to perform the necessary initial certification. The testing company must be selected from the *Approved Backflow Testing Companies* list maintained by the Utilities Department. Should the device fail any inspection or certification, it is the responsibility of the contractor to make the necessary repairs and schedule an additional inspection.

We appreciate your support as we endeavor to maintain your supply of high quality and safe water. If you need additional information, or should you have any questions, please contact our office at 702-633-1275 or by email to backflowprogram@cityofnorthlasvegas.com.