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April 19, 2018

Amended: July 30, 2018. March 25, 2019

EFFECTIVE IMMEDIATELY

RE: Retrofit Installations 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

Retrofits to Unprotected Water Services:

All water services that do not currently have service protection backflow assemblies are required to come into compliance upon written notification. The type of required reduced pressure device – Reduced Pressure Principle Assembly (RPPA) or Reduced Pressure Detector Assembly (RPDA) will be determined based on the type of system and use. **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 email to util-insp@cityofnorthlasvegas.com.
- Upon notification from the City of North Las Vegas Construction Inspector, a Water Operations Backflow Technician will perform the necessary initial certification. 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.