

Mayor
Pamela A. Goynes-Brown

Council Members
Isaac E. Barron
Ruth Garcia-Anderson
Scott Black
Richard J. Cherchio



City Manager
Ryann Juden, J.D., Ph.D.

Utilities Department

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

June 8, 2023

Hirschi Masonry
2912 E. La Madre Way
North Las Vegas, NV 89081

Hirschi Masonry

In accordance with direction from the Environmental Protection Agency for discharge monitoring for the National Pretreatment Program, this letter shall serve as notice that the City of North Las Vegas (CNLV) shall require all Industrial Users to install and/or maintain discharge meters effective January 1, 2024. This requirement is made in accordance with North Las Vegas Municipal Code Section 13.28.08C and shall apply to all Industrial Users for their total process waste stream. The daily totals produced from the required discharge meters will be used to calculate mass limits and surcharge fees beginning in 2024.

It is understood that this requirement will take some time, so two milestones have been set forth that must be met by the discharger. The discharger must provide proof to the Environmental and Pretreatment Division by close of business on August 31, 2023 that an engineer/consultant has been contracted to assist with the discharge meter installation process. The City may waive the P.E. requirement if the installation is to be completed by the approved manufacturer's installation contractor. Meeting this deadline will allow approximately 120 days to complete installation of an acceptable discharge meter prior to the final completion milestone of December 31, 2023 to begin submitting daily meter data on January 1, 2024.

Failure to submit documentation needed to meet the two milestones will incur a \$100/day administrative penalty until the requirement is satisfied. Once each requirement is met, any further requirements on installation will be issued to the discharger.

We appreciate your understanding of both significance and time sensitivity for meeting this requirement and ask that if you have questions, please contact the appropriate representative listed below.

Frazier Speaks at (702) 633-1101 | speaksf@cityofnorthlasvegas.com
Ryan Miller at (702) 633-1429 | millerry@cityofnorthlasvegas.com.

Respectfully,

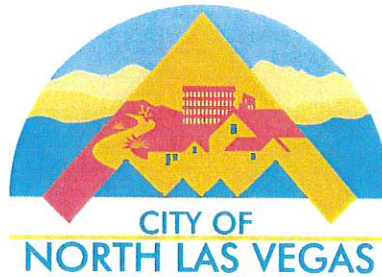
A handwritten signature in black ink that reads 'Frazier Speaks'.

Frazier Speaks
Pretreatment and Environmental Supervisor

Cc: Ryan Miller, Senior Pretreatment Inspector

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Continuous Discharge Flow Meter Guidelines (Effective January 1, 2024)

The following guidelines provide information for installation and maintenance of a continuous discharge flow meter. The information provided is for informational purposes. The City of North Las Vegas does not recommend, endorse any particular manufacturers, agent or product.

Requirements for continuous discharge flow meter:

- Selection of the type of flow meter to be used may depend on many factors, such as cost, accuracy, site conditions, quality/quantity of water to be metered, etc. Some examples of flow meters typically used for wastewater flow measurement are primary/secondary devices consisting of a flume and ultrasonic sensor, magnetic meter, pressure transmitters, area velocity sensor and ultrasonic, radar and ultrasonic and laser and ultrasonic.
- Flow meter must be capable of reading the flow to an accuracy of +/- 5%.
- Flow meter must have a flow totalizer (non-resetting) and data logging capability to allow accurate reporting flow information at a minimum frequency of at least every 15 minutes. Facility must be capable of reporting instantaneous flow in gallons per minute (gpm), daily flows in gallons per day or millions of gallons per day (gpd/mgd), and monthly total flow in gallons per month or million gallons per month.
- A licensed Nevada Professional Engineer (P.E.) shall design and oversee the design and construction of the flow meter.
 - Flow meter shall be designed and installed in accordance to the manufacturer's specifications, and the installation shall be certified by a Nevada P.E. The City may waive the P.E. requirement if the installation is completed by the manufacturer's approved installation contractor.
 - Flow meter shall be calibrated in accordance to the manufacturer's Operations and Maintenance (O&M) Manual. The initial calibration shall be certified by a Nevada P.E. As part of the calibration, the Nevada P.E. shall validate effluent flow from the facility reasonably represents what the flow meter is recording. The City may waive the P.E. requirement if the calibration is completed by the manufacturer's approved calibration contractor.

- Supporting documentation must be submitted to the Pretreatment Program office by email, fax, or U.S. mail within the time period prescribed by the Pretreatment Program staff.
- Any modifications to the original design will require a calibration certification, and possibly an installation certification stating the change did not affect the original design, or a certification statement from a Nevada P.E. listing the changes to the installation, which ensures accurate flow measurement.
- Safety and Security – Flow meters should be located in an area that ensures personnel and equipment is safe and secure. Flow meters should not be installed in parking spaces, driveways, pedestrian walkways, or other right-of-way. If a meter has to be installed in such an area, the facility may be required to install fencing, bollards, or other protection to ensure the area is safe and secure.
- Access – Pretreatment staff must have access to the flow meter during normal operating hours for the business. It is the facility's responsibility to ensure that Pretreatment has access to the meter. If the City vehicle must enter through an automatic gate the City's Security Puck is required to be able to open the gate.
- Maintenance - Flow meter shall be maintained in accordance to the manufacturer's O&M Manual.
 - Flow meters shall be calibrated annually, or following the manufacturer's recommendations. Annual calibrations shall be performed by an authorized representative.
 - Maintenance and calibration records shall be maintained onsite and available for Pretreatment Program staff review per the Waste Discharge Authorization Permit, Section IV Reporting and Notification Requirements (A2) and CNLV Municipal Code 13.28.08.

Please contact the City of North Las Vegas Pretreatment Program staff Monday-Thursday from 7:00 AM to 4:30 PM at (702) 633-1101.

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Continuous Discharge pH Meter Guidelines (Effective January 1, 2024)

The following guidelines provide information for installation and maintenance of a continuous discharge pH meter. The information provided is for informational purposes. The City of North Las Vegas does not recommend, endorse any particular manufacturers, agent or product.

Requirements for continuous discharge pH meter:

- Selection of the pH meter to be used depends on many factors, such as cost, accuracy, and site conditions, quality/quantity of water to be metered, etc. The City does not recommend or endorse any specific meters.
- A pH meter must have data logging capability to allow accurate reporting of pH information at a minimum frequency of at least every 15-minutes. Facility must be capable of reporting and graphing daily pH readings and monthly min/max pH readings.
- A licensed Nevada Professional Engineer (P.E.) shall design and oversee the design and construction of the pH meter.
 - pH meter shall be designed and installed in accordance to the manufacturer's specifications and the installation shall be certified by a Nevada PE. The City may waive the P.E. requirement if the installation is completed by the manufacturer's approved installation contractor.
 - pH meter shall be calibrated in accordance to the manufacturer's Operations and Maintenance (O&M) Manual. The initial calibration shall be certified by a Nevada PE. The City may waive the P.E. requirement if the calibration is completed by the manufacturer's approved calibration contractor.
 - Once the installation is completed and the unit calibrated, supporting documentation must be submitted to the Pretreatment Program office by email, fax, or U.S. mail within the time period prescribed by the Pretreatment Program staff.
 - Any modifications to the original design will require a calibration certification, and possibly an installation certification stating the change did not affect the original design,

or a certification statement from a Nevada P.E. listing the changes to the installation, which ensures accurate pH measurement.

- Safety and Security – pH meters should be located in an area that ensures personnel and equipment is safe and secure. A pH meter should not be installed in parking spaces, driveways, and pedestrian walkways, or other right-of-way. If a meter has to be installed in such an area, the facility may be required to install fencing, bollards, or other protection to ensure the area is safe and secure.
- Access – Pretreatment requires access to the pH meter during normal operating hours for the business. It is the facility's responsibility to ensure that Pretreatment has access to the meter. If the City vehicle must enter through an automatic gate the City's Security Puck is required to be able to open the gate.
- Maintenance - pH meters shall be maintained in accordance to the manufactures O&M Manual.
 - pH meters should be calibrated at the frequency recommended by the manufacture.
 - Maintenance and calibration records shall be maintained onsite and available for Pretreatment Program staff review per the Waste Discharge Authorization Permit, Section A1, Table I and Section D3 and CNLV Municipal Code 13.28.08.

Please contact the City of North Las Vegas Pretreatment Program staff Monday-Thursday from 7:00 AM to 4:30 PM at (702) 633-1101.