

PARTIAL LISTING\* OF SUBSTANCES  
PROHIBITED FROM ENTERING THE  
CITY OF NORTH LAS VEGAS  
WASTEWATER COLLECTION SYSTEM:

- Explosive Liquids, Solids or Gasses
  - Petroleum Hydrocarbons
  - Fuels
  - Paints
  - Solvents
- Corrosive Liquid Chemicals
  - Acids: Hydrochloric Acid, Sulfuric Acids, Nitric Acid, etc.
  - Bases: Sodium Hydroxide, Ammonium Hydroxide, Calcium Hydroxide, Potassium Hydroxide, etc.
- Toxic Compounds
  - Pesticides
  - Heavy Metals
  - Poisons
- Radioactive Materials which may cause obstruction to wastewater flow, such as:
  - Grease
  - Stone
  - Rags
  - Marble Dust
  - Feathers
  - Sand
- Any particles which are larger than 1/2" in any dimension
- Odorous material including substances which may create a public nuisance, hazard to life, or prevent entry into the wastewater collection system

\*For specific provisions, see North Las Vegas Municipal Code (NLVMC) Chapter 13.28



## City Council

### Mayor

John J. Lee

### Council Members

Isaac E. Barron

Pamela A. Goynes-Brown

Scott Black

Richard J. Cherchio

### City Manager

Ryann Juden

### Director of Utilities

Tom Brady, P.E., LEED AP

Questions and requests for additional information about the Industrial Wastewater Pretreatment Program should be directed to:

City of North Las Vegas Utilities Department  
Pretreatment & Environmental Division  
2580 Betty Lane  
North Las Vegas, NV 89156

# INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM

MUNICIPAL CODE CHAPTER 13.28

CITY OF NORTH LAS VEGAS  
UTILITIES DEPARTMENT  
PRETREATMENT & ENVIRONMENTAL  
DIVISION



## WHAT IS INDUSTRIAL WASTEWATER PRETREATMENT?

Industrial wastewater pretreatment is any procedure or process which controls, reduces or prevents potentially harmful pollutants originating at commercial and industrial properties from entering into the ground water, and/or the storm collection system.

Since 1980, the Federal Clean Water Act has required that industrial wastewater pretreatment programs be implemented by local governments. The state of Nevada also has regulations. The City of North Las Vegas Municipal Code (NLVMC) Chapter 13.28 complies with the federal and state regulation which enforces the industrial wastewater pretreatment program in the City of North Las Vegas.

As the City continues to grow and attract diverse industries and businesses, the potential for pollution also grows—as does the importance of an industrial wastewater pretreatment program.

Protecting the pipelines and treatment plants through pretreatment helps ensure the safety of your drinking water.

For further information contact:

**City of North Las Vegas**  
**Utilities Department**  
**Pretreatment & Environmental Division**  
2580 Betty Lane  
North Las Vegas, NV 89156  
Phone: (702) 633.2849  
Fax: (702) 643-0603

## THE INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM

### Who Must Participate?

Restaurants, automotive repair shops, laundries and car washed are some of the facilities which must install, maintain and use pretreatment equipment that removes oil, grease, sand and other pollutants before they can enter the wastewater collection system. Also included in the program are commercial compounds or have chemicals on site which could potentially enter the environment through the wastewater collection system, ground water infiltration or the storm water collection system.

These facilities are required to complete a brief Environmental/Wastewater Survey which indicated the quantities and types of chemical compounds on site and precautions taken to prevent these chemicals from being discharged into the environment. The City's Pretreatment Inspectors visit each business on a routine basis to educate the businesses and issue permits allowed for specific pollutants and a schedule for future inspections and sampling events.

### What does it cost?

The cost of a permit depends on the type of permit required— Class I, Class II, Grease Interceptor or Special, The associated costs (pretreatment equipment, lab fees etc.) are also the responsibility of the business, A list of fees appears in the City of North Las Vegas Municipal Code Chapter 13.24.100 (E).

**OUR STAFF IS AT YOUR SERVICE TO  
ANSWER ANY QUESTIONS AND TO  
HELP BRING YOUR BUSINESS  
INTO COMPLIANCE**

## WHY IS PRETREATMENT NECESSARY?

Pretreatment of industrial wastewater protects three phases of the City's resources and infrastructure:

### Wastewater Collection System

The wastewater collections system is a network of underground pipelines designed primarily for the collection and treatment of residential wastewater. However, industrial and commercial businesses also use this system. Certain chemicals industrial and commercial businesses may believe harmless to the discharge system can result in toxic gases and even explosive conditions as they flow through the system, and may even destroy biological treatment process at the wastewater treatment plant.

### Ground Water Infiltration

When chemicals dumped or spilled onto paved or unpaved surfaces, they can seep into the soil and eventually into the ground water. Through infiltration, contaminated ground water can enter drinking water wells, the wastewater collection system and possibly the Las Vegas Wash and Lake Mead, posing significant health hazards.

### Storm Water Collection

Water from rainstorms is collected in a completely separate systems from the wastewater collection system. Storm water runoff is collected in its own pipelines, channels, etc., including the street curb and gutter drains. Water in this system is not routed to a treatment plant it flows untreated into the Las Vegas Wash and then into Lake Mead, the drinking water source for the Las Vegas Valley. It is vital that the storm water collection system be protected from intentional or accidental pollution for the safety of our drinking water, our ground water and the waters of Lake Mead.