

# ORD-0601

## Industrial Waste

Approving an ordinance on first reading with the caption reading: An ordinance amending Chapter 53 of the City of Pflugerville, Texas, Title V Public Works, Chapter 53 Industrial Wastes, by repealing sections 53.040 through 53.061 and replacing with sections 53.040 through 53.052 to comply with Federal and State regulations; providing for a violation as a Class C misdemeanor and a fine amount not to exceed \$2,000.00; providing for severability and repealer; and providing an effective date.





# Industrial Pretreatment Program



# What is an Industrial Pretreatment Program?

## “Pretreatment”



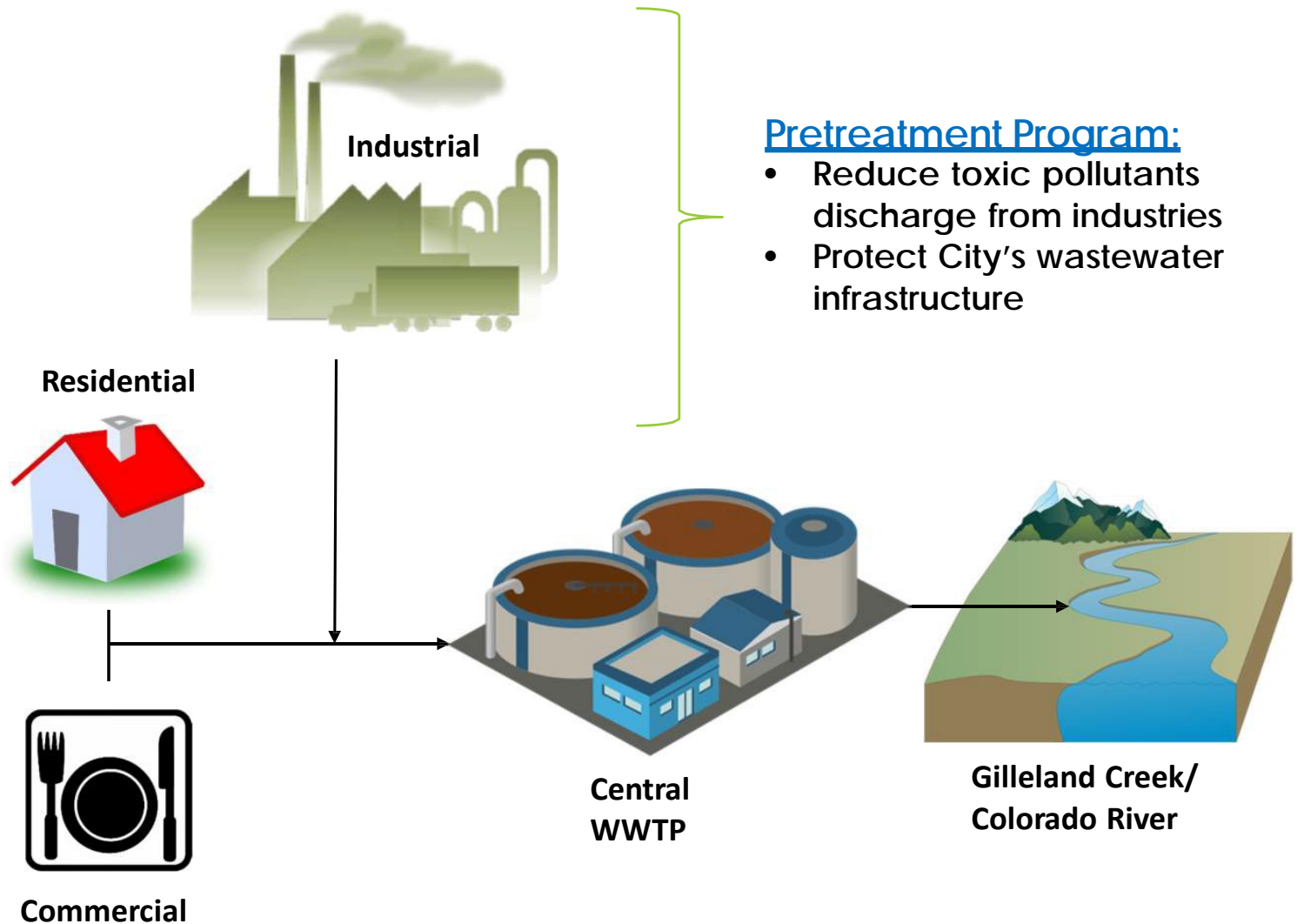
**Elimination** of Pollutants



**Reduction** of Pollutants



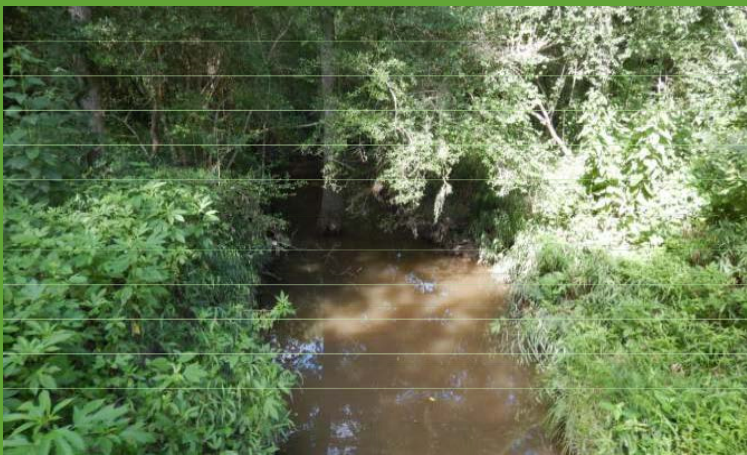
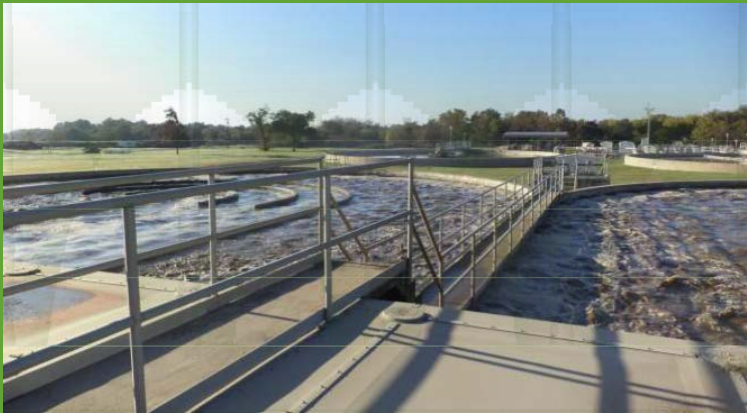
**Alteration** of pollutant to less harmful state





# Need for an Industrial Pretreatment Program

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*Protect WWTP and collection system* integrity and operation



*Protect water quality and aquatic life* of Gilleland Creek and Colorado River



Improve opportunities to *recycle* and *reclaim* municipal wastewater and sludge



*Protect wastewater operations employees* from exposure to harmful chemicals



*Equitable distribution of cost* of operation, maintenance, and improvement of wastewater infrastructure

*The Best Place to Prevent Pollution is at the Source*



# What Type of Industries are Regulated Under the Industrial Pretreatment Program?



## Industries that meet definitions of Significant Industrial Users (SIUs)

- Discharges greater than 25,000 gallons per day of process wastewater
- Subject to categorical pretreatment standards (CIUs)
- Contributes 5% or more of hydraulic or organic capacity of the WWTP
- Reasonable potential to adversely affect the POTW

### Examples:

- Metal Finishing
- Metal Forming
- Electroplating
- Iron & Steel Manufacturing
- Plastics Molding and Forming
- Pesticide Chemicals



# Pretreatment Program Components

- Industrial User Survey (IUS)
- Sewer Use Ordinance (SUO)
- Enforcement Response Plan (ERP)
- Standard Operating Procedures (SOP)
- Pretreatment Forms
- Technically Based Local Limits (TBLLs) Development
- Surcharge Program



Prohibited Discharges, Pollutant Standards and Limits



Procedure to Obtain Wastewater Discharge Permit



Wastewater Discharge Permit Contents



Monitoring and Reporting Requirements



Enforcement Actions for Non-Compliance



## Sewer Use Ordinance “Industrial Wastes”

*City’s Current Sewer Use Ordinance:*

*Title V: Public Works, Chapter 53, “Industrial Wastes”*

*Adoption Date: January 21, 1980*

*Proposed New Ordinance:*

- *Comprehensive*
- *Meets current federal and state regulations*
- *Updated limits for toxic pollutants discharge (local limits)*





# Staff Recommendation

Staff recommends approving an ordinance on first reading with the caption reading: An ordinance amending Chapter 53 of the City of Pflugerville, Texas, Title V Public Works, Chapter 53 Industrial Wastes, by repealing sections 53.040 through 53.061 and replacing with sections 53.040 through 53.052 to comply with Federal and State regulations; providing for a violation as a Class C misdemeanor and a fine amount not to exceed \$2,000.00; providing for severability and repealer; and providing an effective date.

