

Industrial Pretreatment Program

The purpose of the Industrial Pretreatment Program (IPT) is to protect the City of Ruston Wastewater Treatment Plant and personnel as well as the environment from the adverse impacts which may occur when hazardous or toxic wastes are discharged in the sewage system. The pretreatment program attempts to accomplish that protection through the regulation of the industrial sources of discharge. This includes the use of Federal Categorical Standards as well as locally developed regulations.

The main components of the IPT program include:

- 1) Establishment of Technically Based Local Limits (TBLLs)
- 2) Permitting
- 3) Inspection
- 4) Sampling
- 5) Enforcement.

The TBLLs, listed below, are specific numerical discharge limits established to protect the operation of the City of Ruston treatment system and the quality of Lake D'Arbonne water shed. Additional discharge limitations are specified in the individual industrial wastewater discharge permits.

Technically Based Local Limits

The following pollutant limits are established to protect against pass-through and/or interference of the WWTP. No person shall discharge or cause to be discharged into the wastewater system any pollutant or wastewater in violation of the local limits listed below. These limits apply at the point where industrial wastewater is discharged in the City's collection system. All concentrations are for the "total" pollutant. Contact the Water Utilities Office (318-251-8611) or the Environmental Office (318-251-8641) for pollutant limit changes.

Pollutant Concentration

Pollutant	Concentration
Arsenic	0.05 mg/L
Barium	5.0 mg/L
Boron	1.0 mg/L
Chromium	2.0 mg/L
Lead	0.1 mg/L
Manganese	1.0 mg/l
Nickel	1.0 mg/L
Tin	1.0 mg/L
Zinc	5.0 mg/L
Cadmium	0.02 mg/L

Mercury	0.005 mg/L
Selenium	0.02 mg/L
Silver	0.10 mg/L

Prohibited heavy metal and toxic material shall include, but not limited to:

Antimony	Beryllium
Bismuth	Cobalt
Fungicides	Herbicides
Molybdenum	Pesticides
Rhenium	Strontium
Tellurium	Uranyl ion

For industrial waste to be accepted at the WWTP, the waste must be pretreated to domestic strength.

For a complete list of prohibited discharges [click here](#) to review the City Code of Ordinances. (Link to Codes)

Oil and Grease Reduction Program

Since oil/grease is the primary cause of most residential line and City sewer main blockages resulting is sewage overflows, this program was designed to significantly reduce the amount of oil/grease that is discharged into the collection system thus reducing sewage overflows.

All food preparation facilities with a peak period of 140 meals per hour or less shall be required to have an oil/grease interceptor/trap at a minimum capacity of 1000 gallons per City Code of Ordinances.

For food preparation facilities with 140 meals or more during peak hours, shall use the following formulas to determine the size of the interceptors:

- Meals per peak hour x 7, for facilities without a commercial dishwasher
- Meals per peak hour x 9 x storage factor of 1 or 2, for facilities with an automatic commercial dishwasher
 - Storage factor of 1 means for a 12-hour operation
 - Storage factor of 2 means for a 24-hour operation
 - The storage factor will be prorated for actual hours of operation.

All grease interceptors/traps are required to have a sampling port. The sampling port must be installed at least 3 foot from the discharge side of the interceptor/trap.

All food preparation facilities are required to pay an annual fee of \$10.00 for a permit. Facilities are required to perform routine cleaning and regular maintenance on the interceptors/traps. The Environmental Technician will perform routine inspections of the grease interceptors/traps.

All oil/grease haulers will be required to provide a transportation/manifest ticket to each food preparation facilities. This form shall include, at a minimum, the name and address of the hauler, permit number, truck identification, and name of facility.

A list of oil/grease haulers can be obtained by calling (318) 251-8641.

Septic Haulers

Septic tank waste may be introduced into the POTW only at locations designated by the Director of Water Utilities, and at such times as are established by the Director. Such waste shall not violate any requirements of the City Code of Ordinances. Septic tank waste shall not be discharged without prior consent of the Director. The Director requires septic tank waste haulers to obtain industrial wastewater discharge permits through the City of Ruston Environmental Services Office. Haulers will be required to provide a waste-tracking form (transportation manifest) for every load. This form shall include, at a minimum, the name and address of the waste hauler, permit number, truck identification, names and addresses of sources of waste, and volume and characteristics of waste.