

## Chapter 13.13

### PUBLIC DOMESTIC SANITARY SEWERS

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#### **13.13.010 Definitions.**

Unless the context specifically indicates otherwise, the following terms and phrases as used in this chapter shall have the meanings designated in this section:

A. "Authorized representative of industrial user" may be: a principal executive officer of at least the level of vice president, a general partner or proprietor, a duly authorized representative of the individual designated above if such representative is responsible for the overall

operation of the facilities from which the discharge originates.

B. "City Engineer" means the city engineer of the City of Ripon, or such other person as may be designated by the city engineer to perform any service or make any determinations permitted or required in this chapter to be made by the city engineer.

C. "Domestic wastewater" means water deposited, released or discharged into a sewer system from any commercial or residential source which may contain human or animal excreta.

D. "Industrial wastewater" means all water-carried wastes, and wastewater of the city, excluding domestic wastewater, and shall include all wastewater from any producing, manufacturing, processing, institutional, commercial, service, agricultural, or other operation. These wastewaters shall not include wastes of human origin similar to domestic wastewater.

E. "Permittee" means the person to whom a permit has been issued pursuant to this chapter.

F. "Person" means any individual, partnership, firm, company, corporation, association, governmental entity or other legal entity or their legal representatives, agents or assigns.

G. "Pretreatment" means the reduction of the amount of pollutants, the elimination of pollutants or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging into the city POTW.

H. "Publicly owned treatment works (POTW)" means the city wastewater collection, transmission, treatment and disposal facilities. This definition includes any sewers that convey wastewater to the treatment facility.

I. "User" means any person who contributes, causes or permits the contribution of wastewater to the city POTW. (Ord. 529 § 1, 1994)

**13.13.020. Drainage into Sanitary Sewers Prohibited.**

A. No leaders from roofs and no surface drains for rain water shall be connected to any sanitary sewer.

B. No surface or subsurface drainage, rain water, storm water, seepage, cooling water, or unpolluted industrial process waters shall be permitted to enter any sanitary sewer by any device or method whatsoever.

C. Unpolluted water such as single pass cooling water, will not be discharged through direct or indirect connection to a city sewer without approval from City Engineer.

D. When the City Engineer determines that a user may be or is contributing to the POTW any of the substances enumerated in this section in such amounts as to interfere with the operation of the POTW, the City Engineer shall develop effluent limitations for such user to correct the interference with the POTW. (Ord. 529 § 1, 1994)

**13.13.030. Types of Wastes Prohibited.**

No user shall contribute or cause to contributed directly or indirectly, any pollutant or waste water which will interfere with the operation of the publicly owned treatment works (POTW). Except as hereinafter provided, no user shall discharge or cause to be discharged any of the following described waters or wastes to any domestic sewer:

A. Any liquids, solids, or gases which by reason of their nature or quantity are, or may be, sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in other way to the POTW.

B. Any liquid or vapor having a temperature higher than 150 F.

C. Any water or waste which may contain more than 50 parts per million, by weight, of floating or soluble fat, oil, or grease.

D. Prohibited materials include but are not limited to: gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates,

bromates, carbides, hydrides, sulfides, naphtha, fuel oil, and any other substances, solid or gas, which the City Engineer has notified the user is a fire or explosion hazard to the POTW.

E. Any garbage that has not been properly shredded. Properly shredded garbage shall mean the wastes from the preparation, cooking, and dispensing of food that has carried freely under the flow conditions normally prevailing in the domestic sewers, with no particle greater than three eights (3/8) inch in any dimension. All shredded particles shall be carried freely under the flow conditions prevailing in the POTW.

F. Any ashes, cinder, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, paunch manure, pulp, cement, tar, asphalt, resins, or any other solid or viscous substances capable of causing obstruction to the flow in sewers or other interference with the proper operation of the POTW.

G. Any waters or wastes having a pH lower than 5.5 or higher than 9.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.

H. Any water or wastes containing a toxic or poisonous substance in sufficient quantity to injure or interfere with any sewage treatment process, constitute a hazard to human or animals, or create any hazard in the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of (2) mg/l as CN in the wastes as discharged to the domestic sewer.

I. Any waters or wastes containing suspended solids or dissolved matter of such character and quantity that unusual attention or expense is required to handle such materials in the POTW.

J. Any noxious or malodorous gas or substance capable of creating a public nuisance.

K. Any septic tank sludge.

L. Any radioactive waste.

M. Any water or waste containing more than 0.5 milligrams per liter dissolved sulfides.

N. Any substance which will cause damage or imbalance to any portion of the treatment or sludge disposal process.

O. Any substance which will cause the POTW to violate any state or federal disposal system conditions or receiving water quality standards.

P. Any pollutants, including oxygen demanding pollutants (BOD, etc.) released at a flow rate and/or concentration which will cause interference to the POTW. (Ord. 529 § 1, 1994)

#### **13.13.040. Interceptors Required.**

Grease, oil, and sand interceptors shall be provided when, in the opinion of the City Engineer, they are necessary for the proper handling of liquid wastes, sand, and other harmful ingredients; except that such interceptors shall normally not be required for buildings used for residential purposes. All interceptors shall be of a type and capacity approved by the City Engineer and shall be located as to be readily and easily accessible for cleaning and inspection. (Ord. 529 § 1, 1994)

#### **13.13.050. Maintenance of Interceptors.**

All grease, oil, and sand interceptors shall be subject to inspection by the City Engineer at any reasonable time. If the City Engineer determines maintenance is needed, it shall be done at owner's expense as directed by the City Engineer. (Ord. 529 § 1, 1994)

#### **13.13.060. Pretreatment.**

Users shall provide necessary pretreatment facilities to comply with this chapter and federal and state standards. (Ord. 529 § 1, 1994)

#### **13.13.070. Preliminary Treatment of Wastes.**

The admission into the public domestic sanitary sewers of any waters or wastes having

A. A 5-day Biochemical Oxygen Demand greater than 300 parts per million by weight; or

B. containing more than 350 parts per million by weight of suspended solids; or

C. containing any quantity of substance having the characteristics described in Section 13.13.030; or

D. having an average daily flow greater than two percent (2%) of the average daily sewage flow of the city, shall be subject to the review and approval of the City Engineer.

Where necessary in the opinion of the City Engineer, the owner shall provide, at his expense, such preliminary treatment as may be necessary to:

A. reduce the Biochemical Oxygen Demand to 300 parts per million by weight; or

B. reduce objectionable characteristics or constituents to within the maximum limits provided for in Section 13.13.030; or

C. control the quantities and rates of discharge of such waters or wastes.

Plans, specifications, and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the City Engineer and of the California Regional Water Quality Control Board, Central Valley Region and no construction of such facilities shall be commenced until said approvals are obtained in writing. (Ord. 529 § 1, 1994)

#### **13.13.080. Maintenance of Pretreatment Facilities.**

Where preliminary treatment facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense. If the owner does not correct the deficiency forthright, the City Engineer shall have work done at the property owner's expense. (Ord. 529 § 1, 1994)

#### **13.13.090. Inspection.**

The City Engineer shall inspect the facilities of any user to ascertain whether the purpose of this chapter is being met. Persons or occupants of premises where wastewater is being created or discharged shall allow the city easy access at all

reasonable times, to all parts of the premises for the purpose of inspection, sampling, records examination or in the performance of any of these duties. (Ord. 529 § 1, 1994)

**13.13.100. Confidential Information.**

A. Information and data on a user obtained from reports and permit applications shall be available to the public or other governmental agencies without restriction, unless the user specifically requests and is able to demonstrate to the satisfaction of the City Engineer that the release of such information would divulge information, processes or methods of production entitled to protection as trade secrets of the user.

B. The portions which might disclose trade secrets or secret processes shall not be made available for inspection by the public but shall be made available upon written request to government agencies for uses related to this chapter, the national pollutant discharge elimination system, state disposal system permit, or the pretreatment program. (Ord. 529 § 1, 1994)

**13.13.110. Control Manholes.**

When required by the City Engineer, the owner of any property served by a side sewer carrying industrial wastes shall install a suitable control manhole in the side sewer to facilitate observation, sampling, and measurement of wastes. Such manhole, when required, shall be accessible and safely located, and shall be constructed in accordance with plans approved by the City Engineer. The manholes shall be installed by the owner at his expense, and shall be maintained by him so as to be safe and accessible at all times. (Ord. 529 § 1, 1994)

**13.13.120. Measurement and Tests.**

All measurements, tests, and analysis of the characteristics of waters and wastes to which reference is made in Sections 13.13.030 and 13.13.070 shall be determined in accordance with standard methods and shall be determined at the

control manhole provided for in Section 13.13.110, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the domestic sewer to the point at which the side sewer is connected. (Ord. 529 § 1, 1994)

**Section 13.13.130. Wastewater discharge.**

It is unlawful to discharge to the city POTW any waste prohibited or regulated by this chapter or state or federal law without a permit to discharge said waste issued by the city. (Ord. 529 § 1, 1994)

**13.13.140. Industrial Wastewater Permit.**

All industrial users proposing to connect to or to contribute to the POTW shall obtain an industrial wastewater discharge permit. Permit application shall be made on the form provided by the city. Any existing user which the City Engineer has reason to believe is discharging prohibited or regulated materials shall apply for a permit within thirty days of written notice. (Ord. 529 § 1, 1994)

**13.13.150. Industrial Wastewater Permit-- Nontransferable.**

An industrial wastewater discharge permit shall not be reassigned or transferred or sold to a new owner, new user, different premises or a new or changed operation. (Ord. 529 § 1, 1994)

**13.13.160. Special Agreements.**

No statement contained in this Article shall be construed as preventing any special agreement of arrangement between the City Engineer and any industrial concern whereby an industrial waste of unusual, strength or character may be accepted by the city for treatment, subject to payment therefore by the industrial concern and subject to such terms and conditions as might be required by the city. (Ord. 529 § 1, 1994)

**13.13.170. Swimming Pools.**

It shall be unlawful for any person to discharge the contents of a swimming pool into sanitary sewer except in the manner specified in this section. The size of pipe carrying discharge water shall not be larger than two inches and shall not be under head to exceed twenty (20) feet. If the water is discharged by pumping, the rate of flow shall not exceed one hundred (100) gallons per minute. Each swimming pool discharging to a sanitary sewer shall be equipped with an approved separator to preclude any possibility of a backflow of sewage into the swimming pool of piping system. (Ord. 529 § 1, 1994)

**13.13.180. Storm Sewers Required.**

Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as combined sewers or storm sewers, or to a natural outlet approved by the City Engineer. Industrial cooling water or unpolluted process water may be discharged, upon approval of the City Engineer to a storm sewer, combined sewer, or natural outlet. (Ord. 529 § 1, 1994)

**13.13.190. Control of Objectionable Wastes.**

A. Actions Authorized. If any waters or wastes are discharged or wasted or are proposed to be discharged or wasted, to the domestic sewers, which waters contain the substances or possess the characteristics enumerated in sections 13.13.030 or this Article, and which in the judgement of the City Engineer, may have deleterious effect upon the sewerage works, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the City Engineer may:

1. Reject the wastes.
2. Require pretreatment to an acceptable condition for discharge to the domestic sewers.
3. Require control over the quantities and rates of discharge; and/or
4. Require payment of charges in accordance with the following schedule or by special agreement with the city to cover the added cost of handling and treating the wastes, which charges

are in addition to all other applicable sewer charges, fees, assessments, or taxes for sewer service.

B. Rate Schedule. All persons discharging waste into the sewer system in violation of section 13.13.040 and pursuant to determination by the City Engineer of the requirement of this subsection of Section 13.13.190 and provided that no special agreement has been reached hereunder, shall pay a service charge to the city for use of treatment facilities and said service charge shall be based on the Biochemical Oxygen Demand of the discharge, and the demand placed on the system, the volume of such discharge, and such charge shall be in accordance with rates outline in Chapter 13.12.020 as amended, Ripon Municipal Code.

C. Sampling. Provision of sampling of waste water flow shall be provided at a readily accessible location near the connection to the domestic sewer.

D. Pollutant limitations. No person shall discharge wastewater containing in excess of:

<u>Substance</u>	<u>lb./day</u>
Antimony	.25
Arsenic	.25
Barium	5.00
Beryllium	2.50
Boron	5.00
Cadmium	.005
Chromium	.25
Copper	1.00
Cyanide	.50
Iron	1.50
Lead	.25
Manganese	.25
Mercury	-0-
Molybdenum	.025
Nickel	2.50
Selenium	.05
Silver	.25
Tin	10.00
Vanadium	.50
Zinc	.40

E. Monitoring of Discharge. The city or its agent shall take not less than one sample per month for determination of analysis of waste to be paid for by the person charged hereunder, and which shall show the strength demand factors and other factors as may be determined by the City Engineer or its qualified agent. Additional samples will be taken upon request and payment therefor by the requesting person.

F. Discharge--Quantity.

1. The quantity of wastewater discharge for new development shall be limited to the most restrictive of the following:

- a. The property's proportional share of the serving sewer lines;
- b. Maximum average daily flow of five thousand gallons for each acre of site to be developed;
- c. Maximum daily flow shall not exceed ten percent of the POTW remaining capacity.

2. If industrial development immediately adjacent to the proposed development has developed to a use less than that specified in subdivision (b) of subsection (1) of this section, additional capacity may be credited up to a maximum of ten thousand gallons per acre per day.

G. Discharge--Excessive. No use shall increase the use of process water or in any way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations of this chapter or state and federal standards.

H. Discharge--Accidental.

1. Each user shall provide protection from accidental discharge of prohibited material or other substances regulated by this chapter.

2. In the case of accidental discharge, it is the responsibility of the user to immediately telephone and notify the POTW of the incident. Failure to notify of an accidental discharge shall be cause to disconnect service.

I. Violation--Suspension of Service.

1. The city may immediately suspend the wastewater treatment service and/or an industrial waste discharge permit of any user when such a

suspension is necessary, in the opinion of the city engineer in order to stop an actual or threatened discharge which presents or may present an imminent or substantial endangerment to the health or welfare of persons to the environment, uses interference to the POTW or causes the city to violate any condition of its discharge permit.

2. Any person notified of a suspension of wastewater treatment service shall immediately stop or eliminate the contribution. In the event of a failure to comply voluntarily with the suspension order, the City Engineer shall take such steps deemed necessary including severance to the sewer connection to prevent or minimize damage to the POTW or endangerment to any individuals or the environment.

3. The City Engineer shall reinstate the industrial waste discharge permit and/or the wastewater treatment service upon proof of the elimination of the noncomplying discharge and payment of any costs incurred by the city to disconnect the service.

4. A detailed written report describing the causes of the harmful contribution and the measures taken to prevent any future occurrence shall be submitted to the City Engineer within fifteen days of the date of occurrence.

J. Revocation of permit. Any user who violates the following conditions of this chapter or applicable state and federal regulations, is subject to having their permit revoked in accordance with Section 13.13.190 (i).

1. Failure to factually report the wastewater constituents and characteristics of their discharge;
2. Failure to report significant changes in operations, or wastewater constituents or characteristics;
3. Refusal of reasonable access to users premises for purpose of inspection of monitoring;
4. Violations of conditions of the permit.

K. Violation notification. Whenever the City Engineer finds that user has violated or is violating this chapter, wastewater contribution permit, or any prohibition, limitation or requirements contained in this chapter, the city may serve upon such person a written notice

stating the nature of the violation. Within thirty days of the date of notice a plan for correction thereof shall be submitted to the City Engineer by the user.

L. Sewage Charge a Lien, Authority to Disconnect. Each charge or rental levied by, or pursuant of this Ordinance on property within the limit of the city, is hereby made a lien upon corresponding premises served by a connection to the sewerage system. In the event of failure of payment of charge as provided herein for sewage service for property located out of the city, the secretary, or other authorized and directed to disconnect such property from the sewerage system.

M. Collection Charges: In order to facilitate the payment of charges made in accordance with the rate schedule in subsection (B) of this section, each and every person being so charged shall be billed for volume based on 80% of water consumption shown on their last water billing. If said water billing is for a greater or lesser period of time than the period being billed for sewer service, the average daily water consumption for said water billing period will be used to determine water consumption for the period of sewer service.

N. Design Approval. If the City Engineer requires the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the City Engineer, and subject to the requirements of all applicable codes, ordinances, and laws.

O. Notice. Notice of violation of Section 13.13.030 shall be given by certified mail to the person as shown on the last equalized assessment roll of San Joaquin County for the parcel or parcels discharging or causing to be discharged said objectionable waste. Said notice shall inform

said person of violation of said Section 13.13.030 and that they have 15 days from the date of such notice to contract the City of Ripon to make arrangements satisfactory to the City Engineer evidencing the necessary remedial action taken or to be taken to prevent or control such violation.

Failure to respond will result in the application of the rate schedule in Subsection (B) from the date of such notice until the City Engineer determines compliance with this Ordinance, as now or hereafter amended. (Ord. 529 § 1, 1994)

#### **13.13.200. Federal Categorical Pretreatment Standards.**

A. Upon the promulgation of federal categorical pretreatment standards for a particular industrial subcategory, any federal standard more stringent than limitations imposed under this chapter shall immediately supersede the limitations imposed by this chapter.

B. Federal limitations for maximum of one day shall be determined by grab samples; limitation for average daily value for consecutive days shall be measured by twenty-four-hour composite samples. (Ord. 529 § 1, 1994)

#### **13.13.210. State Requirements.**

State requirements and limitations when adopted shall apply when they are more stringent than those in this chapter. (Ord. 529 § 1, 1994)

#### **13.13.220. Inconsistency with Other Ordinances:**

The requirements of this ordinance when adopted shall apply when they are more stringent than those in this chapter. (Ord. 529 § 1, 1994)