

CITY OF GRAND JUNCTION, COLORADO

Ordinance No. 3045

ORDINANCE AMENDING CHAPTER 38 BY ADOPTING NEW TECHNICALLY BASED
LOCAL LIMITS aka MASS BASED LIMITS

Recitals:

EPA requires municipalities to formulate “Technically Based Local Limits” for the purposes of monitoring and treating effluent. The purpose of “Technically Based Local Limits” is to ensure that wastewater treatment facilities do not allow more waste to be discharged to the system than the treatment facility is capable of treating. Through the issuance and regulation of Industrial Discharge/Pretreatment Permits the limits/discharges are monitored. An evaluation was performed at Persigo Wastewater Treatment Plant in 1997 and the results of that evaluation require modification of the City’s Ordinance as follows:

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GRAND JUNCTION
THAT:**

1. Chapter 38, section 38-49 of the Grand Junction Code of Ordinances is amended to provide the following limitations on discharge and effluent. The amendments require the approval of the United States Environmental Protection Agency and will not become effective until EPA approval; and
2. Section 38-49 is amended to provide the total amount of pollutants that the Persigo Wastewater Treatment plant is capable of treating. The limits will regulate the total loading on the treatment system.

- (16) Any waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the wastewater treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
- (17) Any trucked or hauled pollutants, except at discharge points designated by the WWTW personnel.
- (18) Mass Based Local limits:

The following non-domestic discharge limitations are established to protect sludge quality and prevent pass through and interference with the proper operation of the WWTW. These limits are shown in pounds per day. They reflect the total industrial contribution that can be discharged by permitted

industrial users and received at the headwork's of the wastewater treatment plant. These are called maximum allowable industrial loads (mails):

<u>POLLUTANT</u>	<u>*POUNDS PER DAY</u>
Arsenic	11.30
Cadmium	5.61
Chromium (T)	165.07
Chromium (VI)	21.76
Copper	110.48
Lead	40.13
Molybdenum	13.89
Mercury	0.098
Nickel	30.29
Selenium	22.82
Silver	37.04
Zinc	213.7

*Maximum daily industrial loadings shall be allocated through industrial user permits and the total loading to all permitted industrial users shall not exceed the limits shown.

(19) Ethylene glycol (antifreeze), small amounts are considered to be one half gallon or less. Large amounts (over one half gallon) must be held for a reclaimer, unless prior approval and instructions for discharge are obtained from the city.

(20) The following non-domestic discharge limitations are established to protect sludge quality and prevent pass through and interference with the proper operation of the WWTW. These limits are shown in maximum allowable concentrations.

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| (21) | Cyanide | 1.2 mg/l |
| (22) | Benzene | 50.0 µg/l |
| | BTEX (aggregate parameter of benzene, ethyl benzene, toluene, and xylene), | 750 µg/l |
| (23) | Fats, Oil & Grease (animal/vegetable) | 200 mg/l |
| (24) | Total Recoverable Petroleum Hydrocarbons | 50 mg/l |

(25) Surcharge:—Industrial users discharging a non-toxic or non-hazardous wastewater that exceeds the level set forth in this code for BOD and/or TSS, shall be surcharged in accordance with adopted surcharge rates. Based on the actual treatment costs, permitted industrial users shall be surcharged for BOD in excess of 200 mg/l and TSS in excess of 250 mg/l. In no case shall a surcharge be allowed that may cause pass through or interference or otherwise cause a discharge of wastewater that violates any limit or prohibition specified in § 38-49.

Permitted industrial users discharging a non-toxic or non-hazardous wastewater, that is not otherwise identified in the Sewer Rate Schedule, and is in compliance with all pretreatment limits, shall be surcharged based on the actual cost to treat 1,000 gallons of industrial wastewater.

Introduced on first reading this 4th day of February, 1998.

Passed and adopted on second reading this 18th day of February, 1998.

/s/ Janet Terry
President of the Council

Attest:

/s/ Stephanie Nye
City Clerk