

PART 1 - EFFLUENT LIMITATIONS

A. During the period of January 1, 2012 to December 31, 2014, the Industrial User is authorized to discharge process wastewater to the City of San Marcos wastewater collection system and the discharge shall not exceed the following effluent limitations.

Local limits parameters	Maximum Concentration Limit Allowable, mg/L (Total)
Cyanide	0.74
Arsenic	0.18
Cadmium	0.36
Chromium	1.62
Copper	4.57
Lead	0.65
Mercury	0.01
Molybdenum	2.44
Nickel	5.57
Selenium	0.17
Silver	0.306
Zinc	1.60
Fats, oil, grease	200
Temperature	104 (Degrees F)
pH	6.0-11.0 (units)

Dilution of these elements in solution or suspension in lieu of treatment or removal is specifically prohibited. The Director may further restrict the discharges of those wastes which contain these elements to a definite limit expressed in the units of "pounds per day" to prevent the employment of dilution of such pollutants in order to meet the concentration limits of the ordinance.

Additional specific parameters:

Aluminum, Carbonaceous Biochemical Oxygen Demand (C-BOD), Total Suspended Solids (TSS), Ammonia, Total Phosphorous and potential Hydrogen (pH).

B. The Industrial User shall not discharge wastewater containing any of the following substances into the

Publicly Owned Treatment Works (POTW) as pursuant to 40 CFR §403.5(b).

- (1) Pollutants which create a fire or explosion hazard in the POTW, including but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21.
- (2) Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with a pH lower than 6.0 or higher than 11.0, unless the works is specifically designed to accommodate such discharges;
- (3) Solid (i.e, any ashes, cinders, sand, mud, straw, shavings metal, glass, rags, feathers, tar, plastics, wood, paunch, manure) or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;
- (4) Any pollutant, including oxygen-demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW.
- (5) Heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW exceeds 40°C (104°F) unless the approval authority, upon request of the POTW, approves alternate temperature limits.
- (6) Petroleum oil, non biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through (i.e. fats, wax, grease), whether emulsified or not, in excess of two hundred (200) mg/l or containing substances which may solidify or become viscous at temperatures between 55 degrees F (12.8 degrees C) and 90 degrees F (32.2 degrees C); Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquids, solids or gases;
- (7) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a