

## **51.082 LIMITED DISCHARGES.**

(A) The following described substances, materials, water or wastes shall be limited in discharges to municipal systems to concentrations or quantities which will not harm either sewers, the wastewater treatment works, treatment process or equipment, will not have an adverse effect on the receiving stream and soil, vegetation and ground water, or will not otherwise endanger lives, limb, public property, or constitute a nuisance. The Utilities Superintendent may set limitations lower than limitations established in the regulations below if, in his or her opinion, the more severe limitations are necessary to meet the above objectives. In forming his or her opinion as to the acceptability of wastes, the Utilities Superintendent will give consideration to factors as the quantity of subject waste in reaction to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, the city's NPDES/SDS permit, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors.

(B) The limitations or restrictions on materials or characteristics of waste or wastewaters discharged to the sanitary sewer which shall not be violated without approval of the Utilities Superintendent are as follows:

(1) Any wastewater having a temperature greater than 150°F (65.6°C), or causing, individually or in combination with other wastewater, the influent at the wastewater treatment plant to have a temperature exceeding 104°F (40°C), or having heat in amounts which will inhibit biological activity in the wastewater treatment works resulting in interference therein.

(2) Any wastewater containing fats, wax, grease or oils, whether emulsified or not, in excess of 100 mg/l or containing substances which may solidify or become viscous at temperatures between 32°F and 150°F (0°C and 65.6°C); and any wastewater containing oil and grease concentrations of mineral origin of greater than 100 mg/l, whether emulsified or not.

(3) Any quantities of flow, concentrations, or both which constitute a *slug* as defined in ' 51.001.

(4) Any garbage not properly shredded, as defined in ' 51.001 of this chapter. Garbage grinders may be connected to sanitary sewers from homes, hotels, institutions, restaurants, hospitals, catering establishments or similar places where garbage originates from the preparation of food on the premises or when served by caterers.

(5) Any noxious or malodorous liquids, gases or solids which either singly or by interaction with other wastes are capable of creating a public nuisance or hazard to life, or are sufficient to prevent entry into the sewers for their maintenance and repair.

(6) Any wastewater with objectionable color not removed in the treatment process such as but not limited to dye wastes and vegetable tanning solutions.

(7) Non-contact cooling water or unpolluted storm, drainage or ground water.

(8) Wastewater containing inert suspended-solids such as but not limited to fullers earth, lime slurries, and lime residues, or of dissolved solids such as but not limited to sodium chloride and sodium sulfate, in quantities that would cause disruption with the wastewater disposal system.

(9) Any radioactive wastes or isotopes of half-life or concentration as may exceed limits established by the Utilities Superintendent in compliance with applicable state or federal regulations.

(10) Any waters or wastes containing the following substances to the degree that any material received in the composite wastewater at the wastewater treatment works is detrimental to treatment process, adversely impacts land application, adversely effects receiving waters, or is in violation of standards pursuant to Section 307(b) of the Act (33 USC 1317(b)): Arsenic, Cadmium, Copper, Cyanide, Lead, Mercury, Nickel, Silver, total Chromium, Zinc and Phenolic compounds which cannot be removed by the city's wastewater treatment system.

(11) Any wastewater which creates conditions at or near the wastewater disposal system which violates any statute, rule, regulation or ordinance of any regulatory agency, or state or federal regulatory body.

(12) Any waters or wastes containing BOD<sub>5</sub> or suspended solids of character and quantity that unusual attention or expense is required to handle the materials at the wastewater treatment works, except as may be permitted by specific written agreement subject to the provisions of ' 51.094.