

**CALEDONIA TOWNSHIP
ORDINANCE NO. 2024-02**

An ordinance to amend Sections 28-106 and 28-180 of Article II of Chapter 28 of the Code of Ordinances.

THE TOWNSHIP OF CALEDONIA ORDAINS:

Section 1. Amendment of Definitions in Section 28-106 of Article II of Chapter 28 of the Code of Ordinances.

The Township hereby amends the following definitions found in Section 28-106 of Article II of Chapter 28 of the Code of Ordinances so that they read as follows:

Significant industrial user means:

- (1) Except as provided in paragraph (2) below, the term “significant industrial user” means:
 - (a) Any industrial user subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR Chapter I, Subchapter N; or
 - (b) Any other industrial user that discharges an average of twenty-five thousand (25,000) gallons per day or more of process wastewater (excluding sanitary, noncontact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up five (5) percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or
 - (c) Is designated as such by the public services director on the basis that the industrial user has a reasonable potential for adversely affecting the operation of the wastewater system or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403(f)(6)).
- (2) Upon a finding that an industrial user meeting the criteria in subparagraph (1)(b), above has no reasonable potential for adversely affecting the operation of the wastewater system or for violating any pretreatment standard or requirement, the public services director may at any time on his own initiative or in response to a request from an industrial user, and in accordance with 40 CFR 403.8(f)(6), determine that such industrial user is not a significant industrial user.

Section 2. Amendment of Section 28-160 of Article II of Chapter 28.

Section 28-160 of Article II of Chapter 28 is hereby amended to read as follows:

Sec. 28-180. Limited discharges.

No person shall discharge or cause to be discharged the following described substances, materials, waters or wastes except as authorized by an order of determination as issued by the public services director. The following numerical limitations were based on technical analysis of NPDES permit requirements, industrial loadings, sludge management practices and treatment process tolerance and efficiency as in place at the time of ordinance adoption and are intended to meet the objectives given in section 28-176. The technical support documentation for numerical limitations is on file as a part of the City of Owosso's industrial pretreatment program. The director may set limitation slower than the limitations established in this section if in his review changing factors in the technical support documentation necessitate more stringent limitations in order to meet the objectives given in section 28-176. The director may establish numerical limitations for substances not specifically limited in this section in order to meet the objectives of section 28-176. The director may set, by an order of determination for individual discharges, alternative or additional mass limitations provided adequate provision for flow metering and sampling are provided by the discharger.

- (1) Limitations on toxic and hazardous pollutants. These limitations shall be daily maximum limitations. Compliance or noncompliance may be determined by analysis of: 24-hour flow proportioned samples, 24-hour composite samples, or one or more grab samples averaged over a 24-hour period as determined to be appropriate by the public services director for the discharge and parameters to be measured. No discharge to the wastewater system shall exceed the following limitations unless so authorized in an order of determination from the public services director which sets alternative mass limitations for the specific parameter:

- 1.0 mg/lArsenic
- 0.1 mg/lCadmium
- 2.7 mg/lChromium (total)
- 13.0 mg/lCopper
- 0.6 mg/lLead
- 1.0 mg/lNickel
- 4.5 mg/lZinc
- 0.002 mg/lMercury
- 0.07 mg/lSelenium
- 1.0mg/lSilver
- .56 mg/l Cyanide
- 1.0 mg/lTrichloroethylene
- No detectable discharge PCBs (total)

- (2) Specific limitations on compatible pollutants.
- a. These limitations shall be daily maximum limitations. Compliance or noncompliance is to be based on 24-hour composite samples. No discharge to the wastewater system shall exceed the following limitations unless so authorized in an order of determination by the public services director pursuant to subsection (2)b of this section:
- 500 mg/lBOD-5 (or CBOD-5)
1000 mg/lSuspended solids
100 mg/lTotal phosphorous
100 mg/lAmmonia
- b. The public services director may specify alternate mass and/or concentration limits for compatible pollutants for individual industrial users through issuance of an order of determination. Such alternate limitations shall be based on plant treatment capacity available for the user, treatability of the wastewater and determination that such discharges will not cause interference with the wastewater system. Such alternate limitations are subject to revocation or modification by the public services director due to changing conditions.
- (3) Fats, wax and grease. Any waters or wastes containing fats, wax, grease, petroleum oil, cutting oil or other oils, whether emulsified or not, in excess of 100 mg/l; or containing substances which may solidify or become viscous at temperatures between 32 degrees and 150 degrees Fahrenheit.
- (4) Temperature. Any liquid or vapor having a temperature higher than 150 degrees Fahrenheit (66 degrees Celsius).
- (5) Phenols or other taste and odor producing substances. Any waters or wastes containing phenols or other taste and odor producing substances in such concentrations exceeding limits which may be established by the public services director to meet the objectives of section 28-176.
- (6) Excessive pH. Any waters or wastes having a pH in excess of 9.5 unless specifically authorized in an order of determination issued by the public services director. The public services director may allow a higher discharge pH, not to exceed 11.0 upon determining that such discharge will not cause corrosion or interfere with the operation of the wastewater system.

- (7) Dissolved solids. Any waters or wastes which contain unusual concentrations of dissolved solids.
- (8) Substances which are not amenable to treatment or reduction. Waters or wastes containing substances which are not amenable to treatment or reduction by the wastewater treatment process employed, or are amenable to treatment only to such degree that the wastewater treatment plant effluent cannot meet the requirements of its NPDES permit or which may interfere with the sludge management practices.
- (9) Process water. Except where expressly authorized to do so by an applicable pretreatment standard or order of determination by the public services director, no industrial user shall increase the use of process water or dilute a discharge as a substitute for adequate treatment to achieve compliance with any pretreatment standard.

Section 3. Effective Date.

This Ordinance shall take effect 30 days following publication.