

CHAPTER 13.36 – WASTEWATER REGULATIONS

BILL NO. 2752

INTRODUCED BY COUNCIL

AI 9.10

ORDINANCE NO. _____

11/26/2018

AN ORDINANCE AMENDING CHAPTER 13.36.090 OF THE SPARKS MUNICIPAL CODE: MODIFYING LIMITATIONS ON WASTEWATER STRENGTH APPLIED TO SIGNIFICANT INDUSTRIAL USERS (LOCAL LIMITS); AND PROVIDING OTHER MATTERS PROPERLY RELATED THERETO.

WHEREAS, SPARKS IMPLEMENTS AND ENFORCES A PRETREATMENT PROGRAM TO CONTROL DISCHARGES FROM COMMERCIAL/INDUSTRIAL USERS OF ITS WASTEWATER TREATMENT SYSTEM PURSUANT TO REQUIREMENTS SET OUT IN 40 C.F.R. PART 203.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SPARKS DOES ORDAIN:

SECTION 1. Section 13.36.090: “Limitations on wastewater quality and strength” is hereby amended as follows:

Section 13.36.090: “Limitations on wastewater quality and strength.”

~~No person shall discharge wastewater containing constituents in excess of:~~

Constituent	Instantaneous Maximum Concentration
Arsenic, Total	2.0 mg/l
Barium	14.0 mg/l
Boron	1.00 mg/l
Cadmium, Total	0.02 mg/l
Chromium, Total	0.50 mg/l
Copper, Total	0.50 mg/l
Cyanide, Total	0.23 mg/l
Iron	90.0 mg/l
Lead, Total	0.30 mg/l
Manganese	1.10 mg/l
Mercury, Total	0.01 mg/l
Nickel, Total	1.80 mg/l
Selenium, Total	0.06 mg/l
Silver, Total	0.05 mg/l

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Sulfate	240 mg/l
Zinc, Total	1.0 mg/l
Phenol	2.5 mg/l
Other Phenolic Compounds	0.005 mg/l
Alkalinity	430 mg/l
Chloride	110 mg/l
Fluoride	4.0 mg/l

A. No Significant Industrial User or other permitted Industrial User designated by the City, shall discharge or cause to be discharged, wastewater containing pollutants in excess of:

<u>Pollutant^(a)</u>	<u>Daily Maximum Concentration mg/L</u>	<u>Units</u>
<u>Arsenic</u>	<u>1.73</u>	<u>mg/L</u>
<u>Cadmium</u>	<u>0.138</u>	<u>mg/L</u>
<u>Chromium</u>	<u>4.32</u>	<u>mg/L</u>
<u>Copper</u>	<u>0.87</u>	<u>mg/L</u>
<u>Lead</u>	<u>0.73</u>	<u>mg/L</u>
<u>Mercury</u>	<u>0.214</u>	<u>mg/L</u>
<u>Nickel</u>	<u>4.23</u>	<u>mg/L</u>
<u>Selenium</u>	<u>0.40</u>	<u>mg/L</u>
<u>Silver</u>	<u>0.182</u>	<u>mg/L</u>
<u>Zinc</u>	<u>4.37</u>	<u>mg/L</u>
<u>5-Day Biochemical Oxygen Demand (BOD₅)</u>	<u>10,010^(b)</u>	<u>lbs/day</u>
<u>Total Suspended Solids (TSS)</u>	<u>13,937^(b)</u>	<u>lbs/day</u>
<u>Phosphorus</u>	<u>202.8^(b)</u>	<u>lbs/day</u>
<u>Total Dissolved Solids (TDS)</u>	<u>19,598^(b)</u>	<u>lbs/day</u>
<u>Total Nitrogen (TKN +NO₃)</u>	<u>566^(b)</u>	<u>lbs/day</u>

^(a) All Pollutants as Total unless otherwise specified.

^(b) This limit is the total mass in pounds per day (lbs/day) that are available to allocate to all Significant Industrial Users and other designated and Permitted non-SIUs. The total combined lbs/day allocated in all Permits issued cannot exceed this value for the given Water Reclamation Facility.

B. The City may implement local limits through allocation of the Maximum Allowable Industrial Load (MAIL) to Significant Industrial Users and specific permitted non-SIUs that correspond to the uniform concentration local limits shown in the table above. The MAILs listed in Table I-10 of the Local Limits Report dated May 2, 2018, that correspond to the Daily Maximum Discharge Limits are hereby incorporated by reference.

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C. A Significant Industrial User or other designated Industrial User who introduces wastewater into the POTW may be required to submit a Total Dissolved Solids (TDS) Control Plan if monitoring of the Industrial User’s discharge shows it exceeds one thousand two hundred (1,200) mg/L TDS. This Plan shall contain a description of the chemicals and materials used that contribute to the TDS concentration and the source control measures that could be implemented to reduce the TDS concentration in the discharge to less than one thousand two hundred (1,200) mg/L or to a level specified by the City that prevents discharges that cause or contribute to Pass Through or Interference.

D. The following limits shall apply to wastewaters that are discharged from the groundwater cleanup of petroleum or gasoline underground storage tanks or other remediation wastewaters containing these pollutants or where these pollutants are appropriate surrogates. It shall be unlawful for any Industrial User to discharge or cause to be discharged any waste or wastewater that exceeds the following limits, as applicable.

<u>Pollutant^{(a)(c)}</u>	<u>Daily Maximum Limit (mg/L)</u>
<u>Benzene</u>	<u>0.050</u>
<u>BTEX^(b)</u>	<u>0.750</u>

(a) All pollutants shown in the Table are total.

(b) BTEX shall be measured as the sum of Benzene, Ethylbenzene, Toluene and Xylenes.

(c) These limits are based upon installation of air stripping technology as described in the EPA document: “Model NPDES Permit for Discharges Resulting from the Cleanup of Gasoline Released from Underground Storage Tanks. June 1989.”

SECTION 2. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 3. The City Clerk is instructed and authorized to publish the title to this ordinance as provided by law.

SECTION 4. This ordinance shall become effective upon passage, approval and publication.

SECTION 5. The provisions of this ordinance shall be liberally construed to effectively carry out its purposes in the interest of the public health, safety, welfare and convenience.

SECTION 6 If any subsection, phrase, sentence or portion of this ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall

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be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portions.

SECTION 7. The City Council finds that this ordinance is **not** likely to impose a direct and significant economic burden upon a business or directly restrict the formation, operation or expansion of a business, or is otherwise exempt from Nevada Revised Statutes Chapter 237.

PASSED AND ADOPTED this ____ day of _____, 20____, by the following vote of the City Council:

AYES: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

APPROVED this ____ day of _____, 20____, by:

RONALD E. SMITH, Mayor

ATTEST:

TERESA GARDNER, City Clerk

APPROVED AS TO FORM AND LEGALITY:

CHESTER H. ADAMS, City Attorney