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City of Salina, Kansas
Notice of Proposed EPA and KDHE Approval of Revisions to the City of Salina, Kansas
Industrial Pretreatment Program

The City has proposed changes to the Salina, Kansas Industrial Pretreatment Program, which regulates and controls wastewater contributions from industrial and other non-domestic wastewater sources, to the city sanitary sewer. The proposed technically-based local limits would replace the 1996 limits approved by the U.S. Environmental Protection Agency and the Kansas Department of Health and Environment, specifically for the City of Salina Wastewater Treatment Plant.

The City has requested EPA and KDHE approval of the proposed changes. The proposed changes have been prepared in a manner that the City believes will remain fully protective of the environment. You may obtain a copy of the proposed program changes by contacting the City of Salina, Kansas, using the contact information below.

The City and Region 7 EPA will accept comments and views on the proposed industrial pretreatment program changes for a period of 30 days following the date of this publication. All written comments and views will be considered by EPA and KDHE in determining whether it will issue final approval of the proposed changes. If no substantive comments are received, EPA and KDHE will approve the Pretreatment program changes, as proposed.

You may also request within the 30-day period that Region 7 EPA hold a public hearing on the proposed revisions. Any request for public hearing should be directed to Region 7 EPA and should indicate the interest of the person filing such request and the reasons why a hearing is warranted.

Comments and any public hearing requests should be provided by mail, email or other written form to the following:

U.S. Environmental Protection Agency

Region 7

11201 Renner Boulevard

Lenexa, Kansas 66219

Attn: Paul T. Marshall (WWPD/WENF)

Pretreatment Coordinator

Marshall.Paul@epa.gov

And

City of Salina, Kansas

Utilities Department

P.O. Box 736

Salina, Kansas 67402-0736

Attn: Martha A. Tasker, Director of Utilities

martha.tasker@salina.org

I. What are Local Limits:

Local limits are wastewater limitations that apply to non-domestic sources (e.g. industrial users) that discharge to a publicly owned treatment works. Local limits are developed to protect a site-specific collection system, wastewater treatment plant, receiving water, and sludge.

A critical step in developing technically-based local limits is calculating the maximum allowable headworks loading (MAHL) for each pollutant being evaluated. A number of factors go into these calculations: treatment plant efficiency, population size, sampling data, sludge disposal methods, site-specific water quality standards (WQS), as well as many others.

From the calculated MAHLs for each pollutant; a maximum allowable industrial loading (MAIL) is calculated by subtracting the amount of loading attributed to domestic sources (residential users) from the MAHL. The resulting MAILs are then allocated to the non-domestic sources discharging to the treatment facility.

1996 Approved Limits	
MAIL Maximum Allowable Industrial Loading	
Pollutant	Limit lbs/day
Arsenic	0.482
Cadmium	0.342
Copper	2.23
Cyanide	2.409
Lead	3.156
Mercury	0.0035
Nickel	2.788
Silver	5.49
Zinc	27.3

2018 Proposed Limits		
	MAIL Maximum Allowable Industrial Loading	MAHL Maximum Allowable Headworks Loading
Pollutant	Limit lbs/day	Limit lbs/day
Arsenic	1.191	1.268
Cadmium	0.94	0.965
Copper	33.999	35.57
Cyanide	1.137	1.652
Lead	5.868	6.996
Mercury	0.006	0.014
Nickel	8.148	8.854
Silver	7.826	7.878
Zinc	36.702	41.209
BOD	6,850	16,630
TSS	5,687	16,930
NH3	687	1,814
Chromium	14.41	15.507
Molybdenum	1.653	1.679
Selenium	1.496	1.522

Yellow highlighted areas are parameters not calculated in the 1996 Local Limits. The MAHL was not calculated for the 1996 Local Limits.