

PRE-MEETING AGENDA

Casper City Council
City Hall, Council Chambers
Tuesday, July 21, 2020, 5:30 p.m.




Please silence cell phones during the City Council meeting.


	Presentation	Allotted	Beginning Time
	Distribution of the July 7, 2020 Executive Session Minutes *Council – please initial by your name on the minutes to indicate your approval*		
1.	Industrial Pretreatment Program	10 min	5:30
2.	Agenda Review	10 min	5:40
	Approximate Ending Time		5:50

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July 15, 2020

MEMO TO: J. Carter Napier, City Manager 

FROM: Andrew Beamer, P.E., Public Services Director 
Bruce Martin, Public Utilities Manager

SUBJECT: Industrial Pretreatment Program - Revisions to Casper Municipal Code

Meeting Type & Date

Regular Council Meeting – Pre-Meeting
July 21, 2020

Action Type

Ordinance

Recommendation

That Council, by ordinance, adopt revisions to Chapter 13.32.030 of the Casper Municipal Code.

Summary

The Federal Industrial Pretreatment Program (part of the Clean Water Act) requires Industrial Dischargers and Municipalities to use treatment techniques and management practices to reduce or eliminate the discharge of harmful pollutants to sanitary sewers and wastewater treatment plants. The allowable amount of metals discharged to the sewer system is set by “Local Limits”, which are contained in City Ordinances. The original Industrial Pretreatment Ordinances were adopted by the City in 1984. In 1999, these Sections were substantially revised in order to comply with new Environmental Protection Agency (EPA) requirements. In 2007, and again in 2016, more modest revisions were made.

The wastewater treatment plant discharge permit was renewed in November 2018. This permit renewal triggers the need for an evaluation of the exiting Local Limits. Staff, following EPA guidelines, compiled and submitted data that was used in determining new Local Limits. The following table shows existing and proposed limits:

Pollutant	Existing Limits (mg/L)	Proposed Limits (mg/L)
Arsenic	5.984	6.42
Cadmium	1.20	3.48
Chromium - Total	98.20	39.44
Copper	98.98	27.66
Lead	39.41	6.84
Mercury	1.02	0.49
Molybdenum	8.77	4.11
Nickel	41.75	20.49
Selenium	7.97	3.08
Silver	45.66	18.08
Zinc	99.61	43.60

The limits for each of the pollutants is based on an in-depth evaluation of current wastewater treatment plant influent loading, state and federal water quality standards, public health standards, and includes a safety factor to protect the publicly owned treatment works. With the exception of arsenic and cadmium, the proposed limits for each parameter are more stringent than existing limits. Based on current plant loading, the limits for arsenic and cadmium can increase without having a negative impact on the treatment process or jeopardize effluent permit requirements. Staff does not anticipate any of the industrial users having difficulty meeting the proposed limits. These changes to the Casper City Code will ensure that the City's Industrial Pretreatment Program remains in compliance with EPA requirements.

After first reading of the ordinance, EPA will submit its intent to approve updates to the local limits and ordinance for a thirty-day public notice period. If no substantial comments are received during the public notice period, EPA will then send its approval letter to the City. After the approval letter is received, Council can then proceed to second and third readings of the ordinances.

Financial Considerations

No financial considerations

Oversight/Project Responsibility

Bruce Martin, Public Utilities Manager

Megan Lockwood, Wastewater Treatment Plant Manager

Randy Ogden, Industrial Pretreatment Supervisor

Attachments

Ordinance

ORDINANCE NO. _____

AN ORDINANCE AMENDING CERTAIN SECTIONS OF CHAPTER 13.32 OF THE CASPER MUNICIPAL CODE, PERTAINING TO DIVISION III WASTEWATER – SEWER DISCHARGE REGULATIONS.

WHEREAS, it is essential to the public health, welfare, and safety of the inhabitants of the City of Casper and its environs to provide adequate water and wastewater service; and,

WHEREAS, Chapter 13.32 of the Casper Municipal Code needs to be amended to incorporate modified wording required by the Environmental Protection Agency to amend certain language in the Chapter; and,

NOW, THEREFORE, BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF CASPER, WYOMING: That Chapter 13.32 of the Casper Municipal Code is hereby amended as follows:

Section 1:

Section 13.32.030 Specific pollutant limitations designated--Local limits shall be amended to read as follows:

13.32.030 Specific pollutant limitations designated--Local limits.

- A. Local Limits that can be accepted **FROM SIGNIFICANT INDUSTRIAL USERS** at the POTW for treatment in accordance with guidance established by federal law is limited to:

Pollutant	Local Limits (mg/L)
Arsenic	5.984 6.42
Cadmium	1.20 3.48
Chromium Total	98.20 39.44
Copper	98.98 27.66
Lead	39.41 6.84
Molybdenum	8.77 4.11
Nickel	41.75 20.49
Selenium	7.97 3.08
Silver	45.66 18.08
Zinc	99.61 43.60
Mercury	1.02 0.49

- B. Any other specific pollutants identified by the city may also have specific effluent permit limitations set by the city to restrict their discharge into the system.
- C. Best Available Technology (BAT) shall be used for pretreatment of any discharges to the POTW from the cleanup activities of soil, aquifer, or groundwater table associated with leaking underground storage tanks of spills of any petroleum products. The BAT shall be capable of reducing the benzene concentration to less than 0.05 mg/l and the "total" benzene, ethyl benzene, toluene and xylene (betx) to less than 0.750 mg/l. This is in accordance with guidance established in EPA's Model NPDES Permit for Discharges Resulting from the Cleanup of Gasoline Released from Underground Storage Tanks, June 1989.
- D. The city may develop best management practices (BMPs), by ordinance or in individual wastewater discharge permits or general permits, to implement local limits and the requirements of Section 13.32.040. Such BMPs shall be considered local limits and pretreatment standards for the purposes of this part and Section 307(D) of the Act. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludges or waste disposal, or drainage from raw materials storage.
- E. The city reserves the right to establish, by ordinance or in individual wastewater discharge permits or in general permits, more stringent standards or requirements on discharges to the POTW consistent with the purpose of this chapter.

Section 2:

This ordinance shall become in full force and effect upon passage on third reading and publication.

PASSED on 1st reading the _ day of _____, 2020.

PASSED on 2nd reading the _____ day of _____, 2020.

PASSED, APPROVED AND ADOPTED on 3rd and final reading the _____ day of _____, 2020.

APPROVED AS TO FORM:

ATTEST:

CITY OF CASPER, WYOMING
A Municipal Corporation

Fleur Tremel
City Clerk

Steven K. Freel
Mayor