



## Public Works Utility Operations

**DATE:** May 14, 2024

**FROM:** Michelle Klose, Director Public Works Utilities

**ITEM:** Adoption of Industrial Pretreatment Program Local Limits

**REQUEST:**

Consider the request for approval of adoption of local limits specific to the Bismarck Wastewater Treatment Plant.

**BACKGROUND INFORMATION:**

Local limits address the specific needs and concerns of a publicly owned treatment works (POTW), its sludge, and its receiving waters. Local limits protect the POTW from receiving waste that may pass through or interfere with operations and are regulated by the Environmental Protection Agency (EPA). The attached local limits for adoption are the same that were presented at the April 23, 2024 City Commission meeting and the public meeting held on April 30, 2024 at 2:00 pm. Several stakeholders attended the public meeting and there was good discussion. Stakeholders provided no comments nor recommendation for changes to the proposed local limits.

The adoption of these local limits will lead to required updates to the Title 11.1 Ordinance for the Industrial Pretreatment Program for the City of Bismarck. City access to commercial businesses will be required moving forward for commercial discharges to the wastewater treatment plant. The development of this ordinance will take the next few months and will include public meetings.

**RECOMMENDED CITY COMMISSION ACTION:**

Approve adoption of local limits specific to the Bismarck Wastewater Treatment Plant.

**STAFF CONTACT INFORMATION:**

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**ATTACHMENTS:**

1. Bismarck Local Limits

# Bismarck's proposed local limits include a few changes

- Based on local limits technical evaluation, proposed changes are **in bold**:

POC	Proposed Daily Local Limit (mg/L)	Proposed Monthly Local Limit (mg/L)
Arsenic	2.08	<b>1.03 (contributory IUs)</b> <b>0.15 (non-contributory IUs)</b>
Cadmium	0.09	0.09
Chromium (Total)	4.39	4.39
Copper	2.50	2.50
Lead	0.94	<b>0.65</b>
Mercury	0.06	<b>0.05</b>
<b>Molybdenum</b>	--	<b>0.73</b>
Nickel	0.79	0.79
Selenium	0.20	0.20
Silver	0.94	0.94
Zinc	7.93	<b>3.68</b>
pH	Shall remain between 6.0 and <b>11.0</b> S.U.	
<b>Oil and Grease</b>	<b>Shall be ≤ 150 mg/L</b>	