



LOCAL LIMITS FOR THE DISCHARGE OF WASTEWATER

Industrial Pretreatment Program Division of Water Reclamation City of Dayton

INTRODUCTION

Local Limits are pollutants limits placed on discharges to the City of Dayton's wastewater treatment facilities. Local Limits are in addition to any federal or state categorical limits that may apply to certain industrial discharges. Local Limits are developed specifically for the City of Dayton's wastewater treatment facilities for one or more of the following purposes:

- preventing interference with the operation of the facilities, or inhibition of the facilities' biological processes,
- preventing interference with disposal practices for sludge, grit, scum, or residues,
- preventing pollutants from passing through the City's wastewater facilities without adequate treatment,
- preventing violations of the NPDES permit issued by the Ohio EPA to the City for discharge of treated wastewater into the Great Miami River,
- protecting the integrity of the sewer collection system,
- preventing potentially toxic or noxious gases or vapors from forming in the collection system, and threatening the health of the City's workers or causing nuisance odors in the surrounding community; and
- preventing the City's effluent, residues, or biosolids from becoming unsuitable for reclamation and reuse.

The City encourages public participation in development of Local Limits. The development of new Local Limits was announced in an informational public meeting. A Pretreatment Advisory Group, made up of interested persons from the general public and the regulated industries, was formed to provide public input and review during the development of the Local Limits contained in this document.

AUTHORITY

The authority to develop, implement, and enforce Local Limits is provided to the City of Dayton's Director of the Department of Water by the City's Sewer Use Ordinance No. 30739-08, RCGO Section 52.03 V.(A), which reads as follows:

The Director shall, from time to time, adopt, revise, or rescind local limits based upon the exercise of scientific and technical discretion as he or she deems appropriate to prevent pass-through, interference, or accumulation of pollutants in the wastewater treatment sludge or biosolids. All persons discharging to wastewater facilities owned by or under the jurisdiction of the City of Dayton shall meet the applicable local limits as developed by the City and set forth in the document "*Local Limits for the Discharge of Wastewater under the Industrial Pretreatment Program, Division of Wastewater Treatment, City of Dayton,*" unless otherwise authorized under the provisions of this ordinance. The Director shall give written notice of any new, revised, or rescinded local limits to each Significant Industrial User known to be affected by the limit and shall publish notice of the new or revised local limits in a newspaper of general

circulation at least thirty days prior to the effective date of the new or revised local limits. Prior to the effective date of such new or revised local limits, the limits previously established by ordinance or the Director shall remain in effect.

LOCAL LIMITS

The following local limits are established for the City of Dayton and shall remain in effect until they are revised or rescinded by the Director. On or after July 1, 2019, no person shall discharge or cause to be discharged to any wastewater facilities, wastewaters with concentrations that exceed the following local limits:

Local Limit 1-Day Maximum, in milligrams per liter (mg/L)

| | | | | | |
|-----------------|--------------------|------------------|----------------|-----------------|--------------|
| Arsenic (total) | Cadmium (total) | Chromium (total) | Copper (total) | Cyanide (total) | Lead (total) |
| 8.995 | 9.820 | 16.5 | 2.270 | 6.39 | 63.46 |
| Mercury (total) | Molybdenum (total) | Nickel (total) | Silver (total) | Zinc (total) | |
| 0.00393 | 79.05 | 6.730 | 0.548 | 3.525 | |

or such limits as may be established in an Industrial Wastewater Discharge Permit issued by the Director.

LOCAL LIMIT CHANGES

Elimination of Phosphorus Narrative Limits

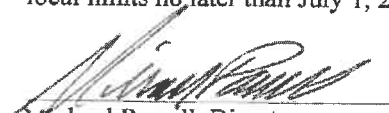
The Phosphorus Narrative Limit was implemented in 2017 to comply with Senate Bill 1, which required POTWs throughout the State to identify and quantify the sources of Total Phosphorus contributing to the phosphorus load at the Treatment Facility. The City of Dayton has complied with SB1 and identified the sources. Since the City of Dayton will be installing treatment facilities for the reduction of the Total Phosphorus in the near future, the City does not need to continue requiring compliance with the Phosphorus Narrative Limit. Therefore, as part of the Local Limit Technical Justification for the Industrial Local Limits, the City of Dayton has eliminated the Phosphorus Narrative Limit. Although the Narrative Limit has been eliminated for Total Phosphorus, we encourage you to continue to reduce the phosphorus content in your discharge through source reduction measures and implementation of Best Management Practices.

Elimination of Sulfate/Sulfide Narrative Limits

As a reminder, in 2017 during the development of the Local Limits, the City of Dayton eliminated the Sulfate/Sulfide Narrative Limits. Although the Narrative Limit has been eliminated for Sulfates/Sulfides, we encourage you to continue to reduce the sulfate/sulfide content in your discharge through source reduction measures and implementation of Best Management Practices.

Effective Date of Local Limits

The Local Limits as noted in this document will have an effective date of July 1, 2019. The City of Dayton's Industrial Pretreatment Staff will be issuing new Industrial Wastewater Discharge Permits containing the new local limits no later than July 1, 2019.


Michael Powell, Director
Department of Water


Date