

CITY OF AKRON

INDUSTRIAL PRETREATMENT PROGRAM

SUMMARY OF LOCAL LIMITATIONS

Ordinance No. 173-1991 amending and/or supplementing Title 5, Chapter 50, of the Code of Ordinances of the City of Akron, Ohio, 1985 to comply with the sewer use requirements of the United States Environmental Protection Agency was passed by Akron City Council on March 4, 1991 and approved by the Mayor on March 7, 1991.

Section 50.48(B) Akron requirements. No discharger shall discharge or cause to be discharged into the sewerage system, unless the discharger is defined as an SIU (Significant Industrial User) and issued a wastewater discharge permit by the City which allows the discharge of such pollutants, and substances in concentration above the maximum background concentrations.

Average Background Concentrations

Per report entitled "Review of Local Discharge Limitation, dated January 1990 and approved by Ohio EPA on October 31, 1990.

Pollutant	Concentration ($\mu\text{g/L}$)
Arsenic	3.0
Cadmium	0.5
Chromium	10
Copper	49
Lead	23
Mercury	0.2
Nickel	10
Zinc	180
Total Cyanide	3.0
Total Phenolics	125

Maximum Background Concentrations

Per Report entitled "Domestic/Background Heavy Metals Survey", Dated October 4, 1989.

Pollutant	Concentration ($\mu\text{g/L}$)
Arsenic	10
Cadmium	10
Chromium	10
Copper	120
Lead	180
Mercury	0.5
Nickel	28
Zinc	370
Total Cyanide	10
Total Phenolics	160

Section 50.48(C) Supplementary limitations. No SIU shall discharge wastewater concentrations and/or mass loadings to the POTW exceeding those limits specified in the discharger's permit issued by the City in accordance with Section 50.52

SIU Local Limitations (Permit Limits)

Per report entitled "Local Limitations Technical Justification", dated May 1995 and approved by Ohio EPA on September 26, 1995.

Pollutant	Existing Source Concentration* (mg/L)	New Source Concentration* (mg/L)	Total SIU Loading (lbs/d)
Arsenic	0.070	0.070	---
Cadmium	0.02 - 0.50	0.09	0.75
Chromium	2.00	2.00	106.75
Copper	0.50 - 2.00	1.35	71.35
Lead	1.50	1.50	13.76
Mercury	0.005	0.005	0.10
Nickel	3.50	3.50	61.30
Zinc	3.50	3.50	224.76
Total Cyanide	1.00	1.00	7.67

* The actual permit concentration may be lower than permit limit shown due to pre-existing discharge conditions or available loadings for each pollutant.

Section 50.48(D) The Service Director shall evaluate, and revise, as required permitted and background limits and report his findings to City Council at least annually. Permitted and background limits shall be re-evaluated when new or modified NPDES permit limits for effluents and/or sludges are adopted

Permit No. OEPA 3PF00000*GD
1/1/95 to 12/31/95
Submitted to Ohio EPA 5/14/96