



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
WARREN DISTRICT OFFICE



DANIEL EICHINGER
ACTING DIRECTOR

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February 10, 2023

VIA E-MAIL

William M. Wolfson, Chief Administrative/Compliance Officer
Great Lakes Water Authority
735 Randolph Street, Ste. 1900
Detroit, Michigan 48226

Dear William Wolfson:

SUBJECT: Federal Industrial Pretreatment Program Approval
National Pollutant Discharge Elimination System (NPDES)
NPDES Permit No. MI0022802
Designated Name: GLWA WRRF

The Department of Environment, Great Lakes and Energy (EGLE), Water Resources Division (WRD) is pleased to inform you that in accordance with the Federal Regulations, 40 CFR 403 (General Pretreatment Regulations), and the Michigan Administrative Code (Part 23 Rules), the Federal Industrial Pretreatment Program (FIPP) for the Great Lakes Water Authority (GLWA) Water Resource Recovery Facility (WRRF) under NPDES Permit No. MI0022802 has been approved.

In accordance with the General Pretreatment Regulations, Section 403.8(c) and Michigan Administrative Code, R 323.2308(3), the GLWA WRRF's NPDES permit will be reissued to incorporate the approved pretreatment program and the requirements contained in Attachment A. The approval of this program is based upon compliance with the requirements contained in Attachment A.

The GLWA WRRF is designated as the Control Authority.

The WRD would like to convey congratulations to the GLWA WRRF for this achievement. The GLWA WRRF's IPP represents a strong and dedicated commitment to the protection of Michigan's water resources. We look forward to working closely with you in the implementation of this program.

Sincerely,

A handwritten signature in black ink that reads "Laura Verona". The signature is written in a cursive style with a large, stylized "L" and "V".

Laura Verona, District Supervisor
Warren District Office
Water Resources Division

Attachment - FIPP NPDES Permit Language

cc: Pamela Willard, Pretreatment Coordinator, EGLE - WRD
Matthew Staron, EGLE - WRD
Stacey Thiel, EGLE - WRD
Steven Eick, EGLE - WRD
Stephen Kuplicki, GLWA
Randal Brown, GLWA
Lavonda Jackson, GLWA
Newton Ellens, Environmental Protection Agency Region 5
Jodie Opie, Environmental Protection Agency Region 5

Attachment A – FIPP Permit Language

4. Federal Industrial Pretreatment Program

- a. The permittee shall implement the Federal Industrial Pretreatment Program (FIPP) approved on **INSERTBOX**, and any subsequent modifications approved up to the issuance of this permit. Approval of substantial program modifications after the issuance of this permit shall be incorporated into this permit by minor modification in accordance with 40 CFR 122.63.
- b. The permittee shall comply with R 323.2301 through R 323.2317 of the Michigan Administrative Code (Part 23 Rules), the General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403), and the approved FIPP.
- c. The permittee shall have the legal authority and necessary interjurisdictional agreements that provide the basis for the implementation and enforcement of the approved FIPP throughout the service area. The legal authority and necessary interjurisdictional agreements shall include, at a minimum, the authority to carry out the activities specified in R 323.2306(a).
- d. The permittee shall develop procedures which describe, in sufficient detail, program commitments which enable implementation of the approved FIPP, 40 CFR Part 403, and the Part 23 Rules in accordance with R 323.2306(c).
- e. The permittee shall establish an interjurisdictional agreement (or comparable document) with all tributary governmental jurisdictions. Each interjurisdictional agreement shall contain, at a minimum, the following:
 - 1) identification of the agency responsible for the implementation and enforcement of the approved FIPP within the tributary governmental jurisdiction's boundaries; and
 - 2) the provision of the legal authority which provides the basis for the implementation and enforcement of the approved FIPP within the tributary governmental jurisdiction's boundaries.
- f. The permittee shall prohibit discharges that:
 - 1) cause, in whole or in part, the permittee's failure to comply with any condition of this permit or the NREPA;
 - 2) restrict, in whole or in part, the permittee's management of biosolids;
 - 3) cause, in whole or in part, operational problems at the treatment facility or in its collection system;
 - 4) violate any of the general or specific prohibitions identified in R 323.2303(1) and (2);
 - 5) violate categorical standards identified in R 323.2311; and
 - 6) violate local limits established in accordance with R 323.2303(4).
- g. The permittee shall maintain a list of its nondomestic users that meet the criteria of a significant industrial user as identified in R 323.2302(cc).

- h. The permittee shall develop an enforcement response plan which describes, in sufficient detail, program commitments which will enable the enforcement of the approved FIPP, 40 CFR Part 403, and the Part 23 Rules in accordance with R 323.2306(g).
- i. The Department may require modifications to the approved FIPP which are necessary to ensure compliance with 40 CFR Part 403 and the Part 23 Rules in accordance with R 323.2309.
- j. The permittee shall not implement changes or modifications to the approved FIPP without notification to the Department. Any substantial modification shall be subject to Department public noticing and approval in accordance with R 323.2309.
- k. The permittee shall maintain an adequate revenue structure and staffing level for effective implementation of the approved FIPP.
- l. The permittee shall develop and maintain, for a minimum of three (3) years, all records and information necessary to determine nondomestic user compliance with 40 CFR Part 403, Part 23 Rules and the approved FIPP. This period of retention shall be extended during the course of any unresolved enforcement action or litigation regarding a nondomestic user or when requested by the Department or the United States Environmental Protection Agency. All of the aforementioned records and information shall be made available upon request for inspection and copying by the Department and the United States Environmental Protection Agency.
- m. The permittee shall evaluate the approved FIPP for compliance with the 40 CFR Part 403, Part 23 Rules and the prohibitions stated in item f. above. Based upon this evaluation, the permittee shall propose to the Department all necessary changes or modifications to the approved FIPP no later than the next Industrial Pretreatment Program Annual Report due date (see item p. below).
- n. The permittee shall develop and enforce local limits to implement the prohibitions listed in item f above. Local limits shall be based upon data representative of actual conditions demonstrated in a maximum allowable headworks loading analysis. An evaluation of whether the existing local limits need to be revised shall be submitted to the Department by INSERTBOX DATE ONE YEAR FROM PERMIT EFFECTIVE DATE UNLESS ALTERNATE SCHEDULE IS PRESCRIBED BY DISTRICT SUPERVISOR. The submittal shall provide a technical evaluation of the basis upon which this determination was made which includes information regarding the maximum allowable headworks loading, collection system protection criteria, and worker health and safety, based upon data collected since the last local limits review.

The following pollutants shall be evaluated:

- 1) Arsenic, Cadmium, Chromium, Copper, Cyanide, Lead, Mercury, Nickel, Silver, and Zinc;
 - 2) Pollutants that are subject to limits or monitoring in this permit;
 - 3) Pollutants that have an existing local limit; and,
 - 4) Other pollutants of concern which would reasonably be expected to be discharged or transported by truck or rail or otherwise introduced into the POTW.
- o. The permittee is required under this permit and R 323.2303(4) of the Michigan Administrative Code to review and update their local limits when:
 - 1) new pollutants are introduced;
 - 2) new pollutants that were previously unevaluated are identified;

- 3) new water quality or biosolids standards are established or additional information becomes available about the nature of pollutants, such as removal rates and accumulation in biosolids; or
 - 4) substantial increases of pollutants are proposed as required in the notification of new or increased uses in accordance with the provisions of 40 CFR 122.42.
- p. On or before April 1 of each year, the permittee shall submit to the Department, as required by R 323.2310(8), an Industrial Pretreatment Program Annual Report on the status of program implementation and enforcement activities. The reporting period shall begin on January 1 and end on December 31. At a minimum, the Industrial Pretreatment Program Annual Report shall include:
- 1) the Pretreatment Program Reports data identified in Appendix A to 40 CFR Part 127 – NPDES Electronic Reporting;
 - 2) a summary of changes to the approved FIPP that have not been previously reported to the Department;
 - 3) a summary of results of all the sampling and analyses performed of the wastewater treatment plant's influent, effluent, and biosolids conducted in accordance with approved methods during the reporting period. The summary shall include the monthly average, daily maximum, quantification level, and number of samples analyzed for each pollutant. At a minimum, the results of analyses for all locally limited parameters for at least one monitoring event that tests influent, effluent and biosolids during the reporting period shall be submitted with each report, unless otherwise required by the Department. Sample collection shall be at intervals sufficient to provide pollutant removal rates, unless the pollutant is not measurable; and
 - 4) any other relevant information requested by the Department.