

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO. 20220517 – IN0022934 – D
DATE OF NOTICE: MAY 17, 2022
DATE RESPONSE DUE: JUNE 17, 2022

The Office of Water Quality proposes the following NPDES DRAFT PERMIT:

MAJOR – MODIFICATION

FRANKFORT (city) WWTP, Permit No. IN0022934, CLINTON COUNTY, 45 West County Road 100 North, Frankfort, IN. This major municipal modification is to reduce the monitoring frequency for dissolved oxygen to 2 grab samples/day. Permit Manager: John Donnellan, 317/234-0865, jdonnell@idem.in.gov. Posted online at <https://www.in.gov/idem/public-notices/>.

PROCEDURES TO FILE A RESPONSE

Draft can be viewed or copied (10¢ per page) at IDEM/OWQ NPDES PS, 100 North Senate Avenue, (Rm 1203) Indianapolis, IN, 46204 (east end elevators) from 9 – 4, Mon - Fri, (except state holidays). A copy of the Draft Permit is on file at the local County Health Department. Please tell others you think would be interested in this matter. For your rights & responsibilities see these sites: Public Notices: <https://www.in.gov/idem/public-notices/>; Citizen Guide: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. Please tell others whom you think would be interested in this matter.

Response Comments: The proposed decision to issue a permit is tentative. Interested persons are invited to submit written comments on the Draft permit. All comments must be postmarked no later than the Response Date noted to be considered in the decision to issue a Final permit. Deliver or mail all requests or comments to the attention of the Permit Writer at the above address, (mail code 65-42 PS).

To Request a Public Hearing:

Any person may request a Public Hearing. A written request must be submitted to the above address on or before the Response Date noted. The written request shall include: the name and address of the person making the request, the interest of the person making the request, persons represented by the person making the request, the reason for the request and the issues proposed for consideration at the Hearing. IDEM will determine whether to hold a Public Hearing based on the comments and the rationale for the request. Public Notice of such a Hearing will be published in at least one newspaper in the geographical area of the discharge and sent to anyone submitting written comments and/or making such request and whose name is on the mailing list at least 30 days prior to the Hearing.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

May 17, 2022

VIA ELECTRONIC MAIL

The Honorable Judith Sheets, Mayor
City of Frankfort
301 East Clinton Street
Frankfort, Indiana 46041

Dear Mayor Sheets:

Re: Draft Modification of NPDES Permit
No. IN0022934 for the City of Frankfort
Wastewater Treatment Plant
Clinton County

Your request for permit modification, submitted May 4, 2022, has been reviewed and processed in accordance with rules adopted under 327 IAC 5. Enclosed is the draft modification of NPDES Permit No. IN0022934 which applies to the discharge from the City of Frankfort Wastewater Treatment Plant (WWTP). The enclosed Pages 1, 3, and 4 of 57 are intended to replace the corresponding pages in the facility's current permit.

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit document online at <https://www.in.gov/idem/public-notices/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. A 30-day comment period is available in order to solicit input from interested parties, including the general public.

Please review this document carefully and become familiar with the proposed terms and conditions. Comments concerning the draft permit should be submitted in accordance with the procedure outlined in the enclosed public notice form. If you have any questions concerning this modification, please contact John Donnellan at 317/234-0865 or jdonnell@idem.IN.gov.

Sincerely,

Leigh Voss, Chief
Municipal NPDES Permits Section
Office of Water Quality

Enclosures

cc: PJ Whitaker, Certified Operator

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AMENDED AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended, (33 U.S.C. 1251 et seq., the "Clean Water Act") or (CWA), and IDEM's authority under IC 13-5, the Indiana Department of Environmental Management (IDEM) is issuing this permit to the

CITY OF FRANKFORT

hereinafter referred to as "the permittee." The permittee owns and/or operates the **City of Frankfort Wastewater Treatment Plant**, a major municipal wastewater treatment plant located at 45 West County Road 100 North, Frankfort, Indiana, Clinton County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters named Prairie Creek in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in the permit. The permittee is also authorized to discharge from a Wet Weather Treatment Facility (WWTF) Outfall (002) listed in Attachment A of this permit to receiving waters named Prairie Creek in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in this permit. This permit may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

The permit, as issued on February 27, 2020 is hereby amended as contained herein. The amended provisions shall become effective on _____. All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the modifications will remain in effect until the modified provisions become effective.

This permit and authorization to discharge, as amended, shall expire at midnight, April 30, 2025. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and forms as are required by the Indiana Department of Environmental Management no later than 180 days prior to the date of expiration.

Issued on _____ for the Indiana Department of Environmental Management.

Jerry Dittmer, Chief
Permits Branch
Office of Water Quality

TABLE 1

Parameter	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
	Monthly Average	Weekly Average	Units	Monthly Average	Weekly Average	Units	Measurement Frequency	Sample Type
Flow [1]	Report	----	MGD	----	----	----	Daily	24-Hr. Total
CBOD ₅								
Summer [2]	751	1,127	lbs/day	10	15	mg/l	Daily	24-Hr. Comp.
Winter [3]	1,127	1,727	lbs/day	15	23	mg/l	Daily	24-Hr. Comp.
TSS								
Summer [2]	901	1,352	lbs/day	12	18	mg/l	Daily	24-Hr. Comp.
Winter [3]	1,352	2,028	lbs/day	18	27	mg/l	Daily	24-Hr. Comp.
Ammonia-nitrogen								
Summer [2]	112.7	172.7	lbs/day	1.5	2.3	mg/l	Daily	24-Hr. Comp.
Winter [3]	165.2	247.8	lbs/day	2.2	3.3	mg/l	Daily	24-Hr. Comp.
Phosphorus	Report	----	lbs/day	1.0	----	mg/l	Daily	24-Hr. Comp.
Nitrogen, Total (as N) [4]	Report	----	lbs/day	Report	----	mg/l	Monthly	24-Hr. Comp.

TABLE 2

Parameter	Quality or Concentration				Monitoring Requirements	
	Daily Minimum	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
pH [5]	6.0	----	9.0	s.u.	Daily	Grab
Dissolved Oxygen [6]						
Summer [2]	6.0	----	----	mg/l	Daily	2 Grabs/24-Hrs.
Winter [3]	5.0	----	----	mg/l	Daily	2 Grabs/24-Hrs.
Total Residual Chlorine [7]						
Final effluent [8]	----	0.01	0.02	mg/l	Daily	Grab
<i>E.coli</i> [9]	----	125 [10]	235 [11]	cfu/100 ml	Daily	Grab

[1] Effluent flow measurement is required per 327 IAC 5-2-13. The flow meter(s) shall be calibrated at least once every twelve months.

[2] Summer limitations apply from May 1 through November 30 of each year.

[3] Winter limitations apply from December 1 through April 30 of each year.

[4] Total Nitrogen shall be determined by testing Total Kjeldahl Nitrogen (TKN) and Nitrate + Nitrite and reporting the sum of the TKN and Nitrate + Nitrite results (reported as N). Nitrate + Nitrite can be analyzed together or separately. Monitoring for Total Nitrogen is required in the effluent only. The following EPA methods are recommended for use in the analysis of TKN and Nitrate + Nitrite. Alternative approved 40 CFR 136 methods may be utilized.

<u>Parameter</u>	<u>Method</u>
TKN	350.1, 351.1, 351.2
Nitrate	300.0, 300.1, 352.1
Nitrite	300.1, 353.2
Nitrate + Nitrite	300.0, 300.1, 353.2

- [5] If the permittee collects more than one grab sample on a given day for pH, the values shall not be averaged for reporting daily maximums or daily minimums. The permittee must report the individual minimum and the individual maximum pH value of any sample during the month on the Monthly Report of Operation forms.
- [6] The daily minimum concentration of dissolved oxygen in the effluent shall be reported as the arithmetic mean determined by summation of the two (2) daily grab sample results divided by the number of daily grab samples. These samples are to be collected over equal time intervals.
- [7] The effluent shall be disinfected on a continuous basis such that violations of the applicable bacteriological limitations (*E. coli*) do not occur from April 1 through October 31, annually. If the permittee uses chlorine for any reason, at any time including the period from November 1 through March 31, then the limits and monitoring requirements in Table 2 for Total Residual Chlorine (TRC) shall be in effect whenever chlorine is used.
- [8] In accordance with 327 IAC 5 2 11.1(f), compliance with this permit will be demonstrated if the measured effluent concentrations are less than the limit of quantitation (0.06 mg/l). If the measured effluent concentrations are above the water quality-based permit limitations and above the Limit of Detection (LOD) specified by the permit in any of three (3) consecutive analyses or any five (5) out of nine (9) analyses, the permittee is required to reevaluate its chlorination/dechlorination practices to make any necessary changes to assure compliance with the permit limitation for TRC. These records must be retained in accordance with the record retention requirements of Part I.B.8 of this permit.

Effluent concentrations greater than or equal to the LOD but less than the Limit of Quantitation (LOQ), shall be reported on the discharge monitoring report forms as the measured value. A note must be included with the DMR indicating that the value is not quantifiable. Effluent concentrations less than the limit of detection shall be reported on the discharge monitoring report forms as less than the value of the limit of detection. For example, if a substance is not detected at a concentration of 0.01 mg/l, report the value as < 0.01 mg/l. At present, two methods are considered



**National Pollutant Discharge Elimination System
Fact Sheet for the
City of Frankfort Wastewater Treatment Plant**

**Draft: May 11, 2022
Final: TBD**

Indiana Department of Environmental Management

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

Permittee:	City of Frankfort The Honorable Judith Sheets, Mayor 301 East Clinton Street Frankfort, Indiana 46041 jsheets@frankfort-in.gov 765-654-7332
Existing Permit Information:	Permit Number: IN0022934 Expiration Date: April 30, 2025
Facility Contact:	P.J. Whitaker, Certified Operator pwhitaker@fmu-in.com 765-659-4741
Facility Location:	45 West County Road 100 North Frankton, Indiana 46041 Clinton County
Receiving Stream:	Prairie Creek
GLI/Non-GLI:	Non-GLI
Proposed Permit Action:	Modification
Date Application Received:	May 4, 2022
Facility Category	NPDES Major Municipal
Permit Writer:	John Donnellan, Senior Environmental Manager jdonnell@idem.in.gov 317-234-0865

Outfall Location

Latitude: 40° 18' 01" N
Longitude: 86° 30' 22" W

Background

This is the modification of the NPDES permit for the City of Frankfort Wastewater Treatment Plant. The facility's current permit was effective on May 1, 2020 and has an expiration date of April 30, 2025. A request for permit modification was received from the permittee on May 4, 2022. The permittee requests a permit modification to reduce the number of required grab samples for dissolved oxygen from 3 grabs/day to 2 grabs/day.

Modification

The following changes have been made for the modification of the NPDES permit:

- | | |
|--------------|--|
| Page 1 of 57 | This page has been modified to reflect the modification effective date for the permit. |
| Page 3 of 57 | This page has been modified to reduce the sampling requirement for dissolved oxygen in Table 2 from 3 grabs/24-Hr to 2 grabs/24-Hr |
| Page 4 of 57 | This page has been modified to revise footnote 6 to reflect the sampling requirement for dissolved oxygen of 2 grabs per 24 hours. |

Expiration Date

The expiration date of the permit has not changed. The permit, as modified, will expire at midnight on April 30, 2025.

Permit Processing/Public Comment

Pursuant to IC 13-15-5-1, IDEM will publish the draft permit modification document online at <https://www.in.gov/idem/public-notices/>. Additional information on public participation can be found in the "Citizens' Guide to IDEM", available at <https://www.in.gov/idem/resources/citizens-guide-to-idem/>. A 30-day comment period is available to solicit input from interested parties, including the public.