

**STATE OF INDIANA**  
**DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**PUBLIC NOTICE NO. 20220331 – IN0060411 – D**  
**DATE OF NOTICE: MARCH 31, 2022**  
**DATE RESPONSE DUE: MAY 2, 2022**

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

**MINOR – MODIFICATION**

**FRIENDSHIP REGIONAL SEWER DISTRICT WWTP**, Permit No. IN0060411, RIPLEY COUNTY, 7680 South County Road 575 East, Friendship, IN. This modification is to include the recently constructed chlorine disinfection system into the facility description and effluent limits and monitoring requirements for chlorine and dechlorination. The chlorination/dichlorination system was installed in accordance with IDEM Construction Approval No. 23793 issued on January 28, 2021. Permit Manager: Jay Hanko, 317/233-0704, [jhanko@idem.in.gov](mailto:jhanko@idem.in.gov). Posted online at <https://www.in.gov/idem/public-notices/>.

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**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](http://www.idem.IN.gov)

**Eric J. Holcomb**  
Governor

**Brian C. Rockensuess**  
Commissioner

March 31, 2022

## VIA ELECTRONIC MAIL

Mr. Glen Kamman, Board President  
Friendship Regional Sewer District  
P.O. Box 21  
Friendship, Indiana 47021

Dear Mr. Kamman:

Re: Draft Modification NPDES Permit No. IN0060411  
Friendship Regional Sewer District WWTP  
Ripley County

Your request for permit modification, submitted March 9, 2022, has been reviewed and processed in accordance with rules adopted under 327 IAC 5. Enclosed is the draft modification of NPDES Permit No. IN0060411 which applies to the discharge from the Friendship Regional Sewer District Wastewater Treatment Plant (WWTP). The enclosed Pages 1 through 4 of 28 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/>.

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 Jay Hanko at 317/233-0704 or [Jhanko@idem.IN.gov](mailto:Jhanko@idem.IN.gov).

Sincerely,

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

### Enclosures

cc: Anthony J. Wood, Certified Operator  
Brady Dryer, Commonwealth Engineers, Inc.

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 IDEMs authority under IC 13-5, the Indiana Department of Environmental Management (IDEM) is issuing this permit to the

**FRIENDSHIP REGIONAL SEWER DISTRICT**

hereinafter referred to as "the permittee." The permittee owns and/or operates the **Friendship Regional Sewer District Wastewater Treatment Plant**, a minor municipal wastewater treatment plant located at 7680 South County Road 575 East, Friendship, Indiana in Ripley County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters named Laughery Creek in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in the permit. This permit may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

The permit, as issued on December 26, 2019 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.

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

## TREATMENT FACILITY DESCRIPTION

The permittee currently operates a Class I-SP, 0.03 MGD two-cell controlled discharge waste stabilization lagoon facility consisting of a screen and macerator, an influent flow meter, a flow splitter box, a chlorination/dechlorination contact tank, an effluent flow meter, and a stream flow staff gauge.

The chlorination/dechlorination was installed in accordance with IDEM Construction Approval No. 23793 issued on January 28, 2021.

The collection system is comprised of 100% separate sanitary sewers by design with no overflow or bypass points.

### PART I

#### A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The permittee is authorized to discharge from the outfall listed below in accordance with the terms and conditions of this permit. The permittee shall take samples and measurements at a location representative of each discharge to determine whether the effluent limitations have been met. Refer to Part I.B. of this permit for additional monitoring and reporting requirements.

- Beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 001, which is located at Latitude: 38° 57' 55" N, Longitude: 85° 08' 17" W. The discharge is subject to the following requirements.

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
Stream Flow [1]	Report	----	MGD	----	----	----	Daily*	Gauge
Influent Flow [1]	Report	----	MGD	----	----	----	5 X Weekly	24-Hr. Total
Effluent Flow [1]	Report	----	MGD	----	----	----	Daily*	24-Hr. Total
CBOD <sub>5</sub> [2]	----	----	lbs/day	25	40	mg/l	Weekly	Grab
TSS [2]	----	----	lbs/day	70	105	mg/l	Weekly	Grab
Ammonia-nitrogen [2]	----	----	lbs/day	5.3	8.0	mg/l	Weekly	Grab

TABLE 2

Parameter	Quality or Concentration				Monitoring Requirements	
	Daily Minimum	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Effluent/Stream Ratio [1]	----	----	0.10	----	Daily*	----
pH [2][3][4]	6.0	----	9.0	s.u.	Weekly	Grab
Total Residual Chlorine						
Final [5]	----	0.01	0.02	mg/l	Weekly	Grab
<i>E. coli</i> [6]	----	125 [7]	235 [8]	cfu/100 ml	Weekly	Grab

\*Monitoring of stream flow and effluent flow is required daily, when discharging.

[1] Pursuant to 327 IAC 5 10 3(a), municipal wastewater treatment facilities with multiple cell waste stabilization ponds operating as controlled discharges may discharge at any time provided effluent limits and all other conditions of this permit are met and the daily discharge flow rate does not exceed one-tenth (1/10) of the stream flow of the receiving stream. The actual stream flow must be measured upstream of the treatment facility discharge with a gauging station installed and maintained by the permittee upstream of the facility discharge point. The permittee must regulate the facility's discharge such that the discharge flow does not exceed one-tenth (1/10) of the measured stream flow. Flow measurement is required per 327 IAC 5 2 13. In addition to the gauging station, flow meters must be utilized to measure both the influent and the effluent. Influent flow is to be reported five times weekly on the Monthly Report of Operation regardless of discharge. The gauging station and the flow meters shall be calibrated by the permittee as often as necessary to provide accurate and reliable data, but at least once every twelve months. The permittee shall send the resulting calibration curve or table to the following address no later than October 1 of each year:

Indiana Department of Environmental Management  
Office of Water Quality – Rm 1255  
Compliance Data Section  
100 North Senate Ave.  
Indianapolis, Indiana 46204-2251

[2] Monitoring of effluent to determine compliance with the effluent limitations is required during periods of discharge. Additionally, it is recommended that CBOD<sub>5</sub>, TSS, ammonia-nitrogen, and pH samples be analyzed before discharge commences after a prolonged storage period so that the permittee may determine prior to discharge, that the effluent limits would be met. **Influent monitoring for CBOD<sub>5</sub>, TSS, ammonia-nitrogen, and pH is required monthly, regardless of discharge. The influent monitoring data shall be reported on the Monthly Report of Operations (MRO) form.**

[3] 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.

[4] In accordance with 327 IAC 2-1-6(b)(2), the pH of the effluent may not exceed nine (9.0) s.u. as a daily maximum, except in the case of daily fluctuations attributable to photosynthetic activity. Notice of such conditions must accompany the monthly DMR form for each day the pH exceeds 9.0 s.u.

- [5] 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 to be acceptable to IDEM, amperometric and DPD colorimetric methods, for chlorine concentrations at the level of 0.06 mg/l

Parameter	LOD	LOQ
Chlorine	0.02 mg/l	0.06 mg/l

#### Case-Specific MDL

The permittee may determine a case-specific Method Detection Level (MDL) using one of the analytical methods specified above, or any other test method which is approved by IDEM prior to use. The MDL shall be derived by the procedure specified for MDLs contained in 40 CFR Part 136, Appendix B, and the limit of quantitation shall be set equal to 3.18 times the MDL. Other methods may be used if first approved by the U.S. EPA and IDEM.

- [6] 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. The *Escherichia coli* (*E. coli*) limitations apply from April 1 through October 31 annually.
- [7] The monthly average *E. coli* value shall be calculated as a geometric mean. Per 327 IAC 5-10-6, the concentration of *E. coli* shall not exceed one hundred twenty-five (125) cfu or mpn per 100 milliliters as a geometric mean of the effluent samples taken in a calendar month. No samples may be excluded when calculating the monthly geometric mean.
- [8] If less than ten samples are taken and analyzed for *E. coli* in a calendar month, no samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. However, when ten (10) or more samples are taken and analyzed for *E. coli* in a

calendar month, not more than ten percent (10%) of those samples may exceed two hundred thirty-five (235) cfu or mpn as a daily maximum. When calculating ten percent, the result must not be rounded up. In reporting for compliance purposes on the Discharge Monitoring Report (DMR) form, the permittee shall record the highest non-excluded value for the daily maximum.

## 2. Minimum Narrative Limitations

At all times the discharge from any and all point sources specified within this permit shall not cause receiving waters:

- a. including the mixing zone, to contain substances, materials, floating debris, oil, scum or other pollutants:
  - (1) that will settle to form putrescent or otherwise objectionable deposits;
  - (2) that are in amounts sufficient to be unsightly or deleterious;
  - (3) that produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
  - (4) which are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;
  - (5) which are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- b. outside the mixing zone, to contain substances in concentrations which on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.

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**National Pollutant Discharge Elimination System**  
**Briefing Memo for**  
**Friendship Regional Sewer District**  
**Wastewater Treatment Plant**  
**Draft: March 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](http://www.idem.IN.gov)

<b>Permittee:</b>	Mr. Glen Kamman, Board President Friendship Regional Sewer District P.O. Box 21 Friendship, Indiana 47021 812/621-5506 <a href="mailto:frsdbilling@yahoo.com">frsdbilling@yahoo.com</a>
<b>Existing Permit Information:</b>	Permit Number: IN0060411 Expiration Date: April 30, 2025
<b>Facility Contact:</b>	Anthony J. Wood, Certified Operator 812/621-8770 <a href="mailto:woodwwtp@yahoo.com">woodwwtp@yahoo.com</a>
<b>Facility Location:</b>	7680 South County Road 575 East Friendship, Indiana Ripley County
<b>Receiving Stream:</b>	Laughery Creek
<b>GLI/Non-GLI:</b>	Non-GLI
<b>Proposed Permit Action:</b>	Modification
<b>Date Application Received:</b>	March 9, 2022
<b>Facility Category</b>	NPDES Minor Municipal
<b>Permit Writer:</b>	Jay Hanko 317/233-0704 <a href="mailto:Jhanko@idem.IN.gov">Jhanko@idem.IN.gov</a>



Outfall Location

Latitude: 38° 57' 55" N  
Longitude: 85° 08' 17" W

**Background**

This is the modification of the NPDES permit for the Friendship Regional Sewer District 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 March 9, 2022.

The permittee requested a permit modification to include the recently constructed chlorine disinfection system into the facility description and effluent limits and monitoring requirements for chlorine and dechlorination. The chlorination/dechlorination system was installed in accordance with IDEM Construction Approval No. 23793 issued on January 28, 2021.

**Modification**

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

- |                          |                                                                                                                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Page 1 of 28             | This page has been modified to reflect the modification effective date for the permit.                                                                                                                                                              |
| Page 2 of 28             | This page has been modified to revise the Treatment Facility Description to include the chlorination /dechlorination disinfection system, and to include Total Residual Chlorine (TRC) effluent limitations and monitoring requirements in Table 2. |
| Pages 3, 3a, and 4 of 28 | These pages have been modified to include a new footnote [5] for measuring and reporting TRC, and renumbered the footnotes for <i>E. coli</i> .                                                                                                     |

**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.