

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO 20240221 – INP000659– D
DATE OF NOTICE: February 21, 2024
DATE RESPONSE DUE: March 22, 2024

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

MINOR – Modification:

Prairie View Recycling and Disposal Facility, Permit INP000659, ST. JOSEPH COUNTY, 15505 Shively Road, Bremen, IN. This facility functions as a landfill. The average flow for this facility is 0.016 MGD process wastewater to the St. Joseph County RWSD-Wyatt Wastewater Treatment Plant. The facility has asked to modify the limits and monitoring frequencies in accordance with the St. Joseph County Regional Water & Sewer District Ordinance No. 2023-1. Permit Manager Devery DeBoy at 317-232-8701 or ddeboy@idem.in.gov. Posted online at <https://www.in.gov/idem/public-notices/>.

PROCEDURES TO FILE A RESPONSE

You are hereby notified of the availability of a 30-day public comment period regarding the referenced draft permit, in accordance with 327 IAC 5-3-9. The application and draft permit documents are available for inspection at IDEM, Office of Water Quality, Indiana Government Center North - Room 1255, 100 N. Senate Ave, Indianapolis, IN 46204 from 9:00 a.m. until 4:00 p.m., Monday thru Friday, (copies 10¢ per page). The Draft Permit is posted online on the above-referenced IDEM public notice web page. A courtesy copy has also been sent via email to the local County Health Department. Please tell others whom you think would be interested in this matter. For more information about public participation including your rights & responsibilities, please see <https://www.in.gov/idem/public-notices/>. You may want to consult our online Citizens' Guide to IDEM: <https://www.in.gov/idem/resources/citizens-guide-to-idem/>.

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 delivered to IDEM or postmarked no later than the Response Due 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 Manager at the above address.

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 Due Date. 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. The Department will determine whether to hold a public hearing based upon the comments and the rationale for the request. Public Notice of such a hearing will be circulated in at least one newspaper in the geographical area of the discharge and to those persons submitting comments and/or 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

February 21, 2024

VIA ELECTRONIC MAIL

Donovan Kelley, District Manager
Prairie View Recycling and Disposal Facility
15505 Shively Road
Bremen, IN 46506

Dear Mr. Kelley:

Re: IWP Permit No. INP000659
Draft Permit Modification
Prairie View Recycling and Disposal Facility
Bremen, IN – St. Joseph County

Your request for a permit modification has been reviewed and processed in accordance with rules adopted under 327 IAC 5. The enclosed Pages 1 through 4 of 24 are intended to replace the corresponding pages of your existing IWP Permit No. INP000659. An accompanying Briefing Memo itemizes and explains the rationale for the revisions.

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

Please review this draft permit modification and associated documents carefully to become familiar with the proposed terms and conditions. Comments concerning the draft permit modification should be submitted in accordance with the procedure outlined in the enclosed public notice form. We suggest that you meet with us to discuss major concerns or objections you may have with the draft permit modification.

Donovan Kelley, District Manager
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Questions concerning this draft permit modification may be addressed to Ms. Devery J. DeBoy of my staff, at 317/232-8701 or by email at DDeboy@idem.in.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Richard Hamblin", with a long horizontal flourish extending to the right.

Richard Hamblin, Chief
Industrial NPDES Permits Section
Office of Water Quality

Enclosures

cc: St. Joseph County Health Department
Don Smessaert, St. Joseph County RWSD
Brent Miller, Site Engineer
Leigh Voss, IDEM
IDEM, NRO

STATE OF INDIANA

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AMENDED AUTHORIZATION TO DISCHARGE UNDER THE
INDUSTRIAL WASTEWATER PRETREATMENT PROGRAM

INDUSTRIAL WASTEWATER PRETREATMENT (IWP) PERMIT

In accordance with 327 IAC 5-21 and IDEM's permitting authority under IC 13-15, **Prairie View Recycling and Disposal Facility** (hereinafter referred to as the permittee) is authorized to discharge, from the facility located at 15505 Shively Road, Bremen, Indiana into the **St. Joseph County RWSD** Publicly Owned Treatment Works (POTW), in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The permit, as issued on April 8, 2021, is hereby amended, as contained herein. The amended provisions shall become effective _____. All terms and conditions of the permit not modified at this time remain in effect. Further, any existing condition or term affected by the amendments will remain in effect until the amended provisions become effective. This permit and the authorization to discharge, as amended, shall expire at midnight **August 31, 2026**.

NOTE: In order to receive authorization to discharge beyond the date of expiration, the permittee must submit a renewal IWP permit application to the Industrial NPDES Permit Section in the Office of Water Quality, no later than one hundred and eighty (180) days prior to the date this permit expires. Failure to do so will result in expiration of the authorization to discharge.

Signed on _____ for the Indiana Department of
Environmental Management.

Jerry Dittmer, Chief
Permits Branch
Office of Water Quality

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 001[1][2]. Outfall 001 is located at the inlet end of the Wyatt Wastewater Treatment Plant equalization tank. Such discharge shall be limited and monitored by the permittee as specified below:

Table 1

Parameter[3]	Discharge Limitations		Monitoring Requirements		
	Daily Maximum	Monthly Average	Unit	Measurement Frequency [8]	Sample Type [5]
Flow [6]	Report	Report	MGD	Daily	24-Hr. Total
CBOD ₅	41 [10]	33 [10]	lbs/day	3 X Weekly	24- Hr. Comp.
TSS	Report [10]	250 [10]	mg/l	1 X Weekly	Grab
a-Terpineol	Report [12]	Report [12]	mg/l	2 X Monthly	24- Hr. Comp.
Benzoic Acid	Report [12]	Report [2]	mg/l	2 X Monthly	24- Hr. Comp.
p-Cresol	Report [12]	Report [12]	mg/l	2 X Monthly	24- Hr. Comp.
Phenol	Report [10]	Report [10]	mg/l	2 X Monthly	Grab
Zinc	Report [10]	Report [10]	mg/l	2 X Monthly	24- Hr. Comp.
Ammonia (as N)	120 [10]	93 [10]	lbs/day	3 X Weekly	24- Hr. Comp.
Oil & Grease	50 [10]	Report [10]	mg/l	2 X Yearly [4]	Grab
Chloride	3,500 [10]	3,500 [10]	mg/l	2 X Monthly	24- Hr. Comp.
Aluminum	Report [10]	Report [10]	mg/l	2 X Monthly	24- Hr. Comp.
Cadmium	Report [10]	Report [10]	mg/l	2 X Monthly	24- Hr. Comp.
Chromium	Report [10]	Report [10]	mg/l	2 X Monthly	24- Hr. Comp.
Copper	Report [10]	Report [10]	mg/l	2 X Monthly	24- Hr. Comp.
Lead	Report [10]	Report [10]	mg/l	2 X Monthly	24- Hr. Comp.
Nickel	Report [10]	Report [10]	mg/l	2 X Monthly	24- Hr. Comp.
Mercury	0.02 [10]	Report [10]	mg/l	1 X Quarterly [11]	Grab

Table 2

Parameter	Quality or Concentration		Monitoring Requirements		
	Daily Minimum	Daily Maximum	Units	Measurement Frequency	Sample Type
pH [7]	5.0 [9]	Report	s.u.	Daily	Grab

- [1] Outfall 001 shall be designated as the combined wastestreams at the point of discharge to the POTW.
- [2] The discharge shall not exceed the local limits in the Sewer Use Ordinance upon entering the POTW.
- [3] All metals shall be analyzed as Total Recoverable Metals.

- [4] Parameters that are to be monitored twice per year shall be reported during the months of June and December. If, however, two other months are more appropriate, the permittee may request to report in two alternate months, or the State may require the permittee to report during two alternate months.
- [5] A "24-hour composite sample" means a sample consisting of at least 3 individual flow-proportional samples of wastewater, consisting of aliquots withdrawn throughout the 24-hour discharge period. The aliquots may be: (i) uniform aliquots withdrawn at uniform flow intervals; (ii) flow-proportional aliquots withdrawn at uniform time intervals; or (iii) for batch discharge, uniform aliquots withdrawn from uniform batch volumes. A flow-proportioned composite sample may be obtained by:
- (1) recording the discharge flow rate at the time each individual sample is taken,
 - (2) adding together the discharge flow rates recorded from each individual sampling time to formulate the "total flow" value,
 - (3) the discharge flow rate of each individual sampling time is divided by the total flow value to determine its percentage of the total flow value,
 - (4) then multiply the volume of the total composite sample by each individual sample's percentage to determine the volume of that individual sample which will be included in the total composite sample.
- Alternatively, a 24-hour composite sample may be obtained by an automatic sampler on an equal time interval basis over a twenty-four hour period provided that a minimum of 24 samples are taken and combined prior to analysis. The samples do not need to be flow-proportioned if the permittee collects samples in this manner.
- [6] The flow must be measured and recorded using valid flow measurement devices, not estimated. The flow monitoring device must be calibrated at least once every twelve (12) months.
- [7] 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 Monitoring Report form.
- [8] If a representative discharge occurs at any time during the monitoring period as identified for that individual parameter, then it is a violation of this permit to not collect a sample and report those results. At the first opportunity that a representative discharge occurs during the monitoring period, it should be sampled for all the required parameters during that monitoring period. Waiting to collect a sample until the end of a monitoring period risks missing a representative sample collection opportunity, and it is considered a violation of this permit to not collect a sample, analyze and report those results, when there was a discharge for that monitoring period.
- [9] Based on National pretreatment standards: Prohibited discharges [40 CFR 403.5]

and Pretreatment standards for prohibited discharges [327 IAC 5-18-2].

[10] Based on local ordinance St. Joseph County Regional Water & Sewer District Ordinance No. 2023-1, adopted June 1 2023.

[11] Samples shall be taken once at any time during each of the four annual quarters:

- (A) January-February-March;
- (B) April-May-June;
- (C) July-August-September; and
- (D) October-November-December.

For quarterly monitoring, in the first quarter for example, the permittee may conduct sampling within the month of January, February or March. The result from this reporting timeframe shall be reported on the March DMR, regardless of which of the months within the quarter the sample was taken.



Industrial Wastewater Pretreatment (IWP)

Briefing Memo for

Prairie View Recycling and Disposal Facility

Draft modification: December 2023

Final modification: TBD

Indiana Department of Environmental Management

100 North Senate Avenue
Indianapolis, Indiana 46204

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www.idem.IN.gov

Permittee:	Prairie View Recycling and Disposal Facility 15505 Shively Road Bremen, IN, 46506
Existing Permit Information:	Permit Number: INP000659 Expiration Date: August 1, 2026
Facility Contact:	Donovan Kelley, District Manager (330) 397-3557, dkelley4@wm.com
Facility Location:	15505 Shively Road Bremen, Indiana 46506 St. Joseph County
Receiving POTW:	St. Joseph County RWSD, Wyatt Wastewater Treatment Plant 227 West Jefferson Blvd, 7 th Floor South Bend, Indiana 46601 NPDES Permit #IN0063258
Proposed Permit Action:	Modify
Source Category	Industrial Pretreatment
Permit Writer:	Ms. Devery J. DeBoy (317) 232-8701, DDeboy@idem.IN.gov

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1.0 INTRODUCTION

The Indiana Department of Environmental Management (IDEM) received a request from Prairie View Recycling and Disposal Facility on August 4, 2023 to modify Industrial Wastewater Pretreatment (IWP) Permit INP00659. The current five year permit was issued with an effective date of September 1, 2021 in accordance with 327 IAC 5-2-6(a).

In accordance with Title 40 of the Code of Federal Regulations (CFR) Sections 124.7 and 124.56, as well as Indiana Administrative Code (IAC) 327 Article 5, development of a Statement of Basis, or Briefing Memo, is required for NPDES permits. This document fulfills the requirements established in those regulations.

This Briefing Memo identifies the basis for this modification to the permit and the modified pages of the permit issued on April 8, 2021.

2.0 PERMIT MODIFICATION

2.1 Modification Request

The purpose of the modification request is to update the current permit discharge limits based on the local St. Joseph County Regional Water & Sewer District Ordinance No.; 2018-1. The St. Joseph County Regional Water & Sewer District recently revised their Ordinance (No. 2023-1, adopted June 1, 2023) that modifies the discharge limitations and sampling frequency as summarized below:

CBOD₅

- Revises the daily maximum from "Report" to "41 lbs/day"
- Revises the monthly average from "250 mg/l" to "33 lbs/day"
- Revises the sampling frequency from "2 X Monthly" to "3 X Weekly"

Ammonia (As N)

- Revises the daily maximum from "Report" to "120 lbs/day"
- Revises the monthly average from "700 mg/l" to "93 lbs/day"
- Revises the sampling frequency from "2 X Monthly" to "3 X Weekly"

TSS

- Revises the sampling frequency from "2 X Monthly" to "1 X Weekly"

The revised loading-based discharge limitations for CBOD₅ and Ammonia are within the design limits of the existing sequencing batch reactor treatment system that receives the wastewater.

2.2 IDEM's Proposed Modification

IDEM has updated the limits and sampling frequency for Ammonia (As N), CBOD₅, and TSS in accordance with the St. Joseph County Regional Water & Sewer District Ordinance No. 2023-1.

3.0 Permit Processing/Public Comment

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 to solicit input from interested parties, including the public.