

**STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO 20240528 – IN0032875– D**

DATE OF NOTICE: May 28, 2024

DATE RESPONSE DUE: June 27, 2024

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

MAJOR MODIFICATION :

City of Kokomo Wastewater Treatment Plant, Permit IN032875, HOWARD COUNTY, 1501 West Markland Avenue, Kokomo, IN. This major municipal facility functions as a wastewater treatment plant for the City of Kokomo. The permittee has requested a modification of their current permit to recognize and permit the newly constructed Wet Weather Treatment Facility (WWTF) that will discharge via Outfall 051 into Wildcat Creek. Outfall 051 is located at 40° 28' 31" N, 86° 08' 58" W. Permit Manager: Kara Wendholt at 317-233-5961 or kwendhol@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

May 28, 2024

VIA ELECTRONIC MAIL

The Honorable Tyler Moore, Mayor
City of Kokomo
100 South Union Street
Kokomo, Indiana 46901

Dear Mayor Moore:

Re: Draft Modification of NPDES Permit No. IN0032875
City of Kokomo Wastewater Treatment Plant
Howard County

Your request for permit modification, submitted January 26, 2024 with additional information following, has been reviewed and processed in accordance with rules adopted under 327 IAC 5. Enclosed is the draft modification of NPDES Permit No. IN0032875 which applies to the discharge from the City of Kokomo Wastewater Treatment Plant (WWTP). The enclosed Pages 1, 2, and 49 through 53a of 55 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 Kara Wendholt at 317-233-5961 or kwendhol@idem.IN.gov.

Sincerely,

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

Enclosures

cc: Chris Cooper, 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 KOKOMO

hereinafter referred to as "the permittee". The permittee owns and/or operates the **City of Kokomo Wastewater Treatment Plant**, a major municipal wastewater treatment plant located at 1501 Markland Avenue, Kokomo, Indiana, Howard County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters named Wildcat 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 combined sewer overflow outfalls and the two (2) wet weather treatment facilities listed in Attachment A of this permit, to receiving waters named Wildcat Creek and Kokomo 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 May 26, 2021, 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, November 30, 2026. 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

TREATMENT FACILITY DESCRIPTION

The permittee currently operates a Class IV, 23.5 MGD activated sludge treatment facility consisting of fine screening, grit removal, single stage nitrification, aeration tanks, biological phosphorus removal, secondary clarification, tertiary sand filtration, effluent chlorination/dechlorination, aerated sludge holding tanks, and an effluent flow meter.

The collection system is comprised of combined sanitary and storm sewers with eleven (11) Combined Sewer Overflow (CSO) locations, two (2) Wet Weather Treatment Facility (WWTF) outfalls, and two (2) internal treatment plant bypass points. During wet weather events when influent flows exceed the Wastewater Treatment Plant (WWTP) peak design flow of 40 MGD, flows are distributed between the two WWTFs. Flow is first pumped to the WWTF (Storm King) that discharges via Outfall 051 and has a wet weather treatment capacity of 37 MGD that will later be increased to 50 MGD upon completion of a future LTCP project. Any additional flow is sent by gravity to the WWTF that discharges via Outfall 027 and has a wet weather treatment capacity of 40 MGD. The CSO locations and WWTF outfalls have been identified and permitted with provisions in Attachment A of the permit. The bypass points are subject to the provision contained in Part 11.B.2 of the permit.

The mass limits for CBOD₅, TSS and ammonia-nitrogen have been calculated utilizing the peak design flow of 40 MGD. This is to facilitate the maximization of flow through the treatment facility in accordance with this Office's CSO policy.

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.

1. Beginning on the effective date of this permit, the permittee is authorized to discharge from Outfall 025, which is located at Latitude: 40° 28' 23" N, Longitude: 86° 09' 01" W. The discharge is subject to the following requirements:

ATTACHMENT A

Precipitation Related Combined Sewer Overflow Discharge Authorization Requirements

I. Discharge Authorization

Combined Sewer Overflows are point sources subject to both technology-based and water quality-based requirements of the Clean Water Act and state law. The permittee is authorized to have wet weather discharges from outfalls listed below subject to the requirements and provisions of this permit, including Attachment A.

Outfall	Location	Receiving Water
001	Ohio Street - South Bank 40° 28' 58.94" N 86° 07' 02.17" W	Wildcat Creek
002	Ohio Street - North Bank 40 feet east of Bridge 40° 29' 00.38" N 86° 07' 02.18" W	Wildcat Creek
006	Apperson Way - North Bank east of Bridge 40° 29' 03.08" N 86° 07' 35.40" W	Wildcat Creek
009	Union Street - North Bank east of Bridge 40° 29' 03.83" N 86° 07' 45.75" W	Wildcat Creek
014	Washington Street - North Bank 40° 29' 03.37" N 86° 08' 01.60" W	Wildcat Creek
016	Foster Park - North Bank 230 feet west of Washington Street 40° 29' 03.13" N 86° 08' 05.56" W	Wildcat Creek
018	Foster Park - North Bank 410 feet west of McCann Street 40° 29' 01.47" N 86° 08' 25.54" W	Wildcat Creek

022	Phillips Street - North Bank east of Bridge 40° 28' 53.66" N 86° 08' 45.03" W	Wildcat Creek
041	NE Bank at Conrail Trestle 40° 28' 56" N 86° 07' 18.13" W	Wildcat Creek
049	Faye Beale Ditch 40° 28' 53.92" N 86° 09' 33.03" W	Wildcat Creek
050	Highland Park Lift Station (Old Park Road) 40° 28' 16" N 86° 08' 55" W	Kokomo Creek

Monitoring for the purpose of reporting on the CSO Monthly Report of Operation (State Form 50546 (R5/11-21)) shall be conducted at a location representative of untreated CSO discharges. Monitoring from a CSO regulator structure contributing flow to the CSO outfall is acceptable provided flows at this location are representative and comprised of untreated CSO flows ultimately discharged through the CSO outfall. Monitoring at the CSO outfall is considered representative except in those instances where non-CSO flows (treated effluents, separate stormwater, etc.) are also discharged through a common outfall. All non-CSO flows shall be excluded from reporting on the CSO Monthly Report of Operation.

II. Wet Weather Treatment Facility Effluent Limitations and Monitoring Requirements

The permittee is authorized to discharge treated combined sewage from Outfall 027 when influent flows exceed the Wastewater Treatment Plant (WWTP) peak hourly design rate. Wet weather flow is diverted by gravity from the WWTP influent pump station to the Wet Weather Treatment Facility (WWTF). Outfall 027 is located at Latitude: 40° 28' 21" N, Longitude: 86° 09' 01" W and discharges to Wildcat Creek. Any discharge from Outfall 027 is subject to the requirements and provisions of this permit including the requirements below:

The permittee is also authorized to discharge treated combined sewage from Outfall 051 when influent flows exceed the WWTP peak hourly design rate. Wet weather flow is pumped from the Highland Park Lift Station and Northside Interceptor to the WWTF (Storm King) located at the WWTP. Outfall 051 is located at Latitude: 40° 28' 31" N, Longitude: 86° 08' 58" W and discharges to Wildcat Creek. Any discharge from Outfall 051 is subject to the requirements and provisions of this permit including the following requirements:

TABLE 1

Parameter [7]	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
	Daily Maximum	Monthly Average	Units	Daily Maximum	Monthly Average	Units	Measurement Frequency	Sample Type
Flow [1]	Report	Report	MGD	----	----	----	Daily	24-Hr. Total
CBOD ₅	----	----	----	Report	Report	mg/l	Daily	Composite [6]
TSS	----	----	----	Report	Report	mg/l	Daily	Composite [6]

TABLE 2

Parameter [7]	Quality or Concentration				Monitoring Requirements	
	Daily Minimum	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
pH [8]	Report	----	Report	s.u.	Daily	Grab
TRC [2] [3]	----	0.01	0.02	mg/l	Daily	
<i>E. coli</i> [4] [5]	----	125	235	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 annually.

[2] The effluent shall be disinfected on a continuous basis such that violations of the applicable bacteriological limitations 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.

[3] 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	0.06

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.

- [4] The *E. coli* limitations and monitoring requirements apply from April 1 through October 31 annually. The monthly average *E. coli* value shall be calculated as a geometric mean.
- [5] For *E. coli*, the daily maximum shall be the geometric mean of all grab samples on any discharge day, provided that 3 or more grab samples are collected. If less than 3 grab samples are taken then the arithmetic mean shall be reported. The *E. coli* monthly average shall be the geometric mean of all grab samples collected during the month, provided that 5 or more grab samples are collected. The goal of the effluent monitoring program is to collect at least 3 grab samples during each discharge event, and the samples shall be collected at shorter intervals at the onset of the event, if the permittee estimates that the event duration may be less than 6 hours.

If there are discharges on four (4) or more days, then the monthly average shall be reported on the Discharge Monitoring Report (DMR). For discharges of four (4) or more days during a calendar month, then the monthly average *E. coli* value shall be calculated as a geometric mean of all grab samples collected and reported on the DMR.

- [6] Effluent composite sampling, either by automatic sampler collecting samples at set intervals or by grab samples collected during discharges from the wet weather treatment component, shall be representative of the discharge and of sufficient quantity to ensure that the parameters of Table 1 of Attachment A can be measured; shall be initiated within 30 minutes from the beginning of a discharge event; and shall continue at intervals determined by the permittee, but no less than every 2 hours during the duration of the event. If an event lasts for more than 24 hours a new sampling period shall be initiated. Analysis for the parameters identified in Table 1 of Attachment A shall be from the composite sample collected as described above.

[7] For purposes of reporting on a discharge event which lasts less than 24 hours, but occurs during two calendar days, the pollutant concentrations for the event shall be reported as daily values on the day when the majority of the discharge occurred.

[8] 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 minimum or maximum pH value of any individual sample during the month on the Discharge Monitoring Report forms.

III. Minimum Narrative Limitations

- A. At all times the discharge from any and all CSO outfalls herein shall not cause receiving waters:
1. including waters within the mixing zone, to contain substances, materials, floating debris, oil, scum attributable to municipal, industrial, agricultural, and other land use practices, or other discharges that do any of the following:
 - a. will settle to form putrescent or otherwise objectionable deposits;
 - b. are in amounts sufficient to be unsightly or deleterious;
 - c. produce color, visible oil sheen, odor, or other conditions in such a degree as to create a nuisance;
 - d. are in amounts sufficient to be acutely toxic to, or otherwise severely injure or kill aquatic life, other animals, plants, or humans;
 - e. 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.
 2. outside the mixing zone, to contain substances in concentrations that 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.
- B. Dry weather discharges from any portion of the sewer collection system, except WWTP outfall No. 025, are prohibited. If such a prohibited discharge should occur, the permittee is required to report the discharge in accordance with the provisions in Part II.C.3 of this permit.

IV. Monitoring and Reporting Requirements

The permittee shall complete and submit accurate monitoring reports to the Indiana Department of Environmental Management. The permittee shall submit data specified on the CSO Monthly Report of Operation (MRO) for untreated CSO events (State Form 50546 (R4/9-15)), including but not limited to, WWTP data, precipitation data, and performance data for all discharges from untreated CSO Outfalls identified in Part I of this Attachment A. Submitted

CSO MROs shall contain results obtained during each month (a monitoring period) and shall be submitted no later than 28 days following each completed monitoring period. All NPDES permit holders are now required to submit their monitoring data to IDEM using NetDMR.

The permittee shall monitor discharges from Outfalls 027 and 051 in accordance with both Discharge Monitoring Report (DMR) forms and Monthly Monitoring Report (MMR) for WWTF forms provided by IDEM (State Form 56109). Submitted DMRs and MMRs shall contain results obtained during each month (a monitoring period) and shall be submitted no later than 28 days following each completed monitoring period. Discharge data from Outfalls 027 and 051 shall not be included on the CSO MRO form for untreated CSO events (State Form 50546 (R4/9-15)).

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

**Draft: March 2024
Final: TBD**

Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027

Permittee:	City of Kokomo The Honorable Tyler Moore, Mayor 100 South Union Street Kokomo, Indiana 46901 Email: mayor@cityofkokomo.org ; Phone: 765-456-7444
Existing Permit Information:	Permit Number: IN0032875 Expiration Date: November 30, 2026
Facility Contact:	Chris Cooper, Certified Operator Email: ccooper@cityofkokomo.org ; Phone: 765-457-5509
Facility Location:	1501 West Markland Avenue Kokomo, Indiana 46901 Howard County
Receiving Stream:	Wildcat Creek
GLI/Non-GLI:	Non-GLI
Proposed Permit Action:	Modification
Date Application Received:	January 26, 2024
Facility Category:	NPDES Major Municipal
CSO Project Manager:	Kara Wendholt Email: kwendhol@idem.in.gov ; Phone: 317-233-5961
Permit Writer:	Kara Wendholt Email: kwendhol@idem.in.gov ; Phone: 317-233-5961

WWTP Outfall Location

Latitude: 40° 28' 23" N
Longitude: 86° 09' 01" W

Background

This is the modification of the NPDES permit for the City of Kokomo Wastewater Treatment Plant. The facility's current permit was effective on December 1, 2021, and has an expiration date of November 30, 2026. A request for permit modification was received from the permittee on January 26, 2024, with additional information following. The permittee requests a permit modification to recognize and permit the newly constructed Wet Weather Treatment Facility (WWTF) at the Wastewater Treatment Plant (WWTP) that will discharge via Outfall 051. The permit modification includes effluent limitations and monitoring requirements for the newly constructed WWTF.

Modification

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

- Page 1 of 55 This page has been modified to reflect the modification effective date for the permit.

- Page 2 of 55 This page has been modified to update the Treatment Facility Description section to recognize the newly constructed Wet Weather Treatment Facility.

- Pages 49-53a of 55 These pages have been modified to permit the newly constructed Wet Weather Treatment Facility (Storm King) at the WWTP that discharges via Outfall 051 and includes effluent limitations, monitoring requirements, and reporting requirements.

Expiration Date

The expiration date of the permit has not changed. The permit, as modified, will expire at midnight on November 30, 2026.

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.