

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO 20240417 – IN0059790– D

DATE OF NOTICE: April 17, 2024

DATE RESPONSE DUE: May 17, 2024

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

Minor – Modification :New Ross (Town) WWTP, Permit No. IN0059790, MONTGOMERY COUNTY, 105 West State Street, New Ross, IN. This facility is a municipal wastewater treatment plant. The permittee has requested to modify the permit due to upgrades at the WWTP. The facility description is being updated to include chlorination/ dechlorination facilities, an influent flow meter and a stream gauge. IDEM is making changes to the sample type for several parameters and is adding TRC limits. Outfall 001 is located at 39° 57' 20" N, -86° 41' 43" W and will discharge treated sanitary wastewater at a rate of 0.033 MGD to Big Raccoon Creek. Permit Manager: Allie Gates, 317/232-5114, agates1@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

April 17, 2024

VIA ELECTRONIC MAIL

Ms. Rebecca Lowe, President
Town Council of New Ross
105 West State Street
New Ross, Indiana 47968

Dear Ms. Lowe:

Re: Draft Modification of NPDES Permit
No. IN0059790 for the Town of New Ross
Wastewater Treatment Plant
Montgomery County

Your request for permit modification, submitted February 26, 2024, has been reviewed and processed in accordance with rules adopted under 327 IAC 5. Enclosed is the draft modification of NPDES Permit No. IN0059790 which applies to the discharge from the New Ross Wastewater Treatment Plant (WWTP). The enclosed Pages 2 through 4a and 9 through 10 of 31 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 Allie Gates at 317/232-5114 or agates1@idem.IN.gov.

Sincerely,

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

Enclosures

cc: Don Long, 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

TOWN OF NEW ROSS

hereinafter referred to as "the permittee." The permittee owns and/or operates the **New Ross Wastewater Treatment Plant**, a minor municipal wastewater treatment plant located at 105 East New Ross Road, New Ross, Indiana, Montgomery County. The permittee is hereby authorized to discharge from the outfalls identified in Part I of this permit to receiving waters named Big Raccoon 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 June 18, 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, June 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, 0.033 MGD flow through waste stabilization lagoon facility consisting of an influent flow meter, two (2) lagoon cells totaling 3.75 acres in size, chlorination and dechlorination facilities, an effluent flow meter, and a stream gauge. Final sludge is hauled off-site as needed.

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: 39° 57' 20" N, Longitude: 86° 41' 43" 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
Effluent Flow [1]	Report	----	MGD	----	----	----	Daily*	24-Hr. Total
CBOD ₅	6.9	11.0	lbs/day	25	40	mg/l	Weekly	Grab
TSS	19.3	28.9	lbs/day	70	105	mg/l	Weekly	Grab
Ammonia-nitrogen	Report	Report	lbs/day	Report	Report	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]	6.0	----	9.0	s.u.	Weekly	Grab
Total Residual Chlorine [4]						
Contact Tank [5]	0.5	----	Report	mg/l	Weekly	Grab
Final [6]	----	0.01	0.02	mg/l	Weekly	Grab
<i>E. coli</i> [7]	----	125 [8]	235 [9]	cfu/100 ml	Weekly	Grab

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

- [1] Multiple cell waste stabilization ponds 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, a flow meter must be utilized to measure the effluent. The gauging station and the flow meter 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 to the following email address: wwreports@idem.in.gov
- [2] 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.
- [3] 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.
- [4] 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.
- [5] The chlorine residual shall be maintained at a concentration not less than 0.5 mg/l as measured at the effluent end of the chlorine contact tank for the term of the permit. The daily maximum chlorine residual value at the chlorine contact tank shall also be reported.
- [6] 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.

- [7] The *Escherichia coli* (*E. coli*) limitations apply from April 1 through October 31 annually.
- [8] 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.
- [9] 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 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:

- (1) will settle to form putrescent or otherwise objectionable deposits;
- (2) are in amounts sufficient to be unsightly or deleterious;
- (3) produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
- (4) are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;
- (5) 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.

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- b. as requested by the Regional Administrator or the Indiana Department of Environmental Management.

C. REOPENING CLAUSES

In addition to the reopening clause provisions cited at 327 IAC 5-2-16, the following reopening clauses are incorporated into this permit:

1. This permit may be modified or, alternately, revoked and reissued after public notice and opportunity for hearing to incorporate effluent limitations reflecting the results of a wasteload allocation if the Department of Environmental Management determines that such effluent limitations are needed to assure that State Water Quality Standards are met in the receiving stream.
2. This permit may be modified due to a change in sludge disposal standards pursuant to Section 405(d) of the Clean Water Act, if the standards when promulgated contain different conditions, are otherwise more stringent, or control pollutants not addressed by this permit.
3. This permit may be modified, or, alternately, revoked and reissued, to comply with any applicable effluent limitation or standard issued or approved under section 301(b)(2)(C), (D) and (E), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent limitation or standard so issued or approved:
 - a. contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
 - b. controls any pollutant not limited in the permit.
4. This permit may be modified or, alternatively, revoked and reissued after public notice and opportunity for hearing to incorporate monitoring requirements and effluent limitations for ammonia-nitrogen if the Department of Environmental Management determines that such monitoring requirements and effluent limitations are needed to assure that State Water Quality standards are met in the receiving streams.
5. This permit may be modified, or alternately, revoked and reissued, after public notice and opportunity for hearing, to include a case-specific Method Detection Level (MDL). The permittee must demonstrate that such action is warranted in accordance with the procedure specified under Appendix B, 40 CFR Part 136, or approved by the Indiana Department of Environmental Management.

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**National Pollutant Discharge Elimination System
Briefing Memo for
Town of New Ross Wastewater Treatment Plant
Draft: April 2024
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:	Town of New Ross Ms. Rebecca Lowe, Town Council President 105 West State Street New Ross, Indiana 47968 townofnewross@gmail.com , (765) 723-1154
Existing Permit Information:	Permit Number: IN0059790 Expiration Date: June 30, 2025
Facility Contact:	Mr. Don Long, Certified Operator lalogutilities@sbcglobal.net , (765) 942-2531
Facility Location:	105 East New Ross Road New Ross, Indiana Montgomery County
Receiving Stream:	Big Raccoon Creek
GLI/Non-GLI:	Non-GLI
Proposed Permit Action:	Modification
Date Application Received:	February 26, 2024
Facility Category:	NPDES Minor Municipal
Permit Writer:	Allie Gates, Senior Environmental Manager agates1@idem.in.gov , (317) 232-5114

Outfall Location

Latitude: 39° 57' 20" N

Longitude: 86° 41' 43" W

Background

This is the modification of the NPDES permit for the New Ross Wastewater Treatment Plant. The facility's current permit was effective on July 1, 2020 and has an expiration date of June 30, 2025. A request for permit modification was received from the permittee on February 26, 2024. The permittee requests a permit modification to update the facility description to include chlorination and dechlorination facilities that were added to the facility treatment process in 2022 (Construction Permit Approval No. L-0653). The permittee also requests a change in sample type for CBOD, TSS, and ammonia-nitrogen from 24-hour composite sampling to grab sampling. Due to the addition of chlorination and dechlorination facilities, total residual chlorine (TRC) effluent limits have been added to the permit for the contact tank and final effluent. In addition, the newly added stream gauge (Construction Permit Approval No. 24070) and influent flow meter (Construction Permit Approval No. L-0653) were also added to the facility description.

Modification

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

- | | |
|-----------------|---|
| Page 1 of 31 | This page has been modified to reflect the modification effective date for the permit. |
| Page 2 of 31 | This page has been modified to update the facility description with the addition of an influent flow meter, chlorination and dechlorination facilities, and a stream gauge. TRC effluent limits have also been added for the contact tank and final effluent. |
| Pages 3-4 of 31 | These pages have been modified to remove footnotes associated with the initial installation of the stream gauge and previously completed schedule of compliance. Footnotes [4], [5], and [6] have been added in accordance with the TRC effluent limits. |
| Page 4a of 31 | This page has been modified to reflect an updated page number as a result of the modifications on previous pages. |
| Page 9 of 31 | This page has been modified to include reopening clause 5 in association with the TRC effluent limits. |
| Page 10 of 31 | This page has been modified to remove the schedule of compliance associated with installation of a stream gauge as this construction has been completed. |

Expiration Date

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