

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PUBLIC NOTICE NO: 20260731 – IN0003573– D
DATE OF NOTICE: July 31, 2026
DATE RESPONSE DUE: August 31, 2026

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

MAJOR MODIFICATION:

General Motors LLC – Bedford, Permit No. IN0003573, LAWRENCE COUNTY, 105 GM Drive, Bedford, IN. The permittee is proposing changes to the wastestreams which currently discharge via Outfall 003 to an unnamed tributary to Pleasant Run. They plan to divert all industrial process wastewater flows (which currently commingle with stormwater at Outfall 003) to the City of Bedford POTW. Outfall 003 is located at Latitude: 38° 52' 49.48", Longitude: -86° 28' 47.16". IDEM proposes to modify the NPDES permit to remove all requirements related to the process wastewater flows. After connection to the POTW is completed, the NPDES permit will still cover the facility's discharges of stormwater, noncontact cooling water, and other allowable non-stormwater discharges. Permit Manager: Riley Marshall, 317/234-3568, remarsha@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, IGCN 12th Floor East, 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/about/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 posted on IDEM's web page for public notices and notifications will also be sent to those persons submitting comments and/or on the mailing list at least 30 days prior to the hearing.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • Fax (317) 233-6647 • www.idem.in.gov

Mike Braun
Governor

Clint Woods
Commissioner

July 31, 2026

VIA ELECTRONIC MAIL

Elisha Huddleston, Plant Director
General Motors LLC – GPS Bedford
105 GM Drive
Bedford, Indiana 47421

Dear Ms. Huddleston:

Re: NPDES Permit No. IN0003573
Draft Permit Modification
General Motors LLC – Bedford
Bedford, IN – Lawrence County

Your request for a permit modification has been reviewed and processed in accordance with rules adopted under 327 IAC 5. Enclosed is a copy of the draft permit modification.

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.

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.

Questions concerning this draft permit modification may be addressed to Riley Marshall of my staff, at 317-234-3568 or remarsha@idem.in.gov.

Sincerely,

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

Enclosures

cc: Lawrence County Health Department
Nathan Milliman, Environmental Engineer
Misty Adams, City of Bedford POTW
Leigh Voss, IDEM
Christina Sandlin, IDEM



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 permitting authority under IC 13-15,

GENERAL MOTORS LLC – GPS BEDFORD

is authorized to discharge from a facility that manufactures aluminum engine blocks and transmission cases that is located at 105 GM Drive, Bedford, Indiana to receiving waters identified as unnamed tributary to Pleasant Run in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The permit, as issued on November 26, 2025 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 may be revoked for the nonpayment of applicable fees in accordance with IC 13-18-20.

This permit and the authorization to discharge, as amended, shall expire at midnight November 30, 2030. 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

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 is authorized to discharge from Outfall 003, located at Latitude 38° 52' 49.48", Longitude -86° 28' 47.16". The discharge is limited to stormwater, air conditioning condensate, fire test water, and non-contact cooling waters. Samples taken in compliance with the monitoring requirements below shall be taken at a point representative of the discharge but prior to entry into unnamed tributary to Pleasant Run. Such discharge shall be limited and monitored by the permittee as specified below:

DISCHARGE LIMITATIONS [1][2][10]

Outfall 003

Table 1

Parameter	Quantity or Loading			Quality or Concentration			Monitoring Requirements	
	Monthly Average	Daily Maximum	Units	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
Flow	Report	Report	MGD	----	----	----	5 X Weekly	24 Hr. Total
Oil & Grease	----	----	----	Report	Report	mg/l	1 X Monthly	Grab
TRC [5][6]	----	----	----	0.01	0.02	mg/l	1 X Monthly	Grab
PCBs [5][6]	----	----	----	0.0006	0.0013	ug/l	1 X Monthly	Grab
Mercury [4][7]	----	----	----	Report	Report	ng/l	6 X Annually	Grab
TKN	----	----	----	Report	Report	mg/l	1 X Quarterly	Grab
COD	----	----	----	Report	Report	mg/l	1 X Quarterly	Grab
NO ₂ /NO ₃	----	----	----	Report	Report	mg/l	1 X Quarterly	Grab
CBOD ₅	----	----	----	Report	Report	mg/l	1 X Quarterly	Grab
Chloride	----	----	----	Report	Report	mg/l	1 X Quarterly	Grab
Total Phosphorus	----	----	----	Report	Report	mg/l	1 X Quarterly	Grab
Temperature [9]	----	----	----	Report	Report	°F	1 X Monthly	Grab

Table 2

Parameter	Quality or Concentration				Monitoring Requirements	
	Daily Minimum	Monthly Average	Daily Maximum	Units	Measurement Frequency	Sample Type
pH [3]	6.0	----	9.0	s.u.	1 X Weekly	Grab

[1] See Part I.B. of the permit for the minimum narrative limitations.

- [2] In the event that a new water treatment additive is to be used that will contribute to this Outfall, or changes are to be made in the use of water treatment additives, including dosage, the permittee must apply for and receive approval from IDEM prior to such discharge. Discharges of any such additives must meet Indiana water quality standards. The permittee must apply for permission to use water treatment additives by completing and submitting State Form 50000 (Application for Approval to Use Water Treatment Additives) currently available at: <https://www.in.gov/idem/forms/idem-agency-forms/>.
- [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 Monitoring Report form.
- [4] The permittee shall measure and report the identified metal as total recoverable metal.
- [5] The water quality based effluent limit (WQBEL) for Total Residual Chlorine (TRC) and PCBs is less than the limit of quantitation (LOQ) as specified in footnote [6]. Compliance with this permit will be demonstrated if the effluent concentrations measured are less than the LOQ.

If the measured concentration of TRC and PCBs is greater than the water quality based effluent limitations and above the respective LOD specified in footnote [6] in any three (3) consecutive analyses, or any five (5) out of nine (9) analyses, then the discharger shall:

- (1) Determine the source of the parameter through an evaluation of sampling techniques, analytical/laboratory procedures, and waste streams (including internal waste streams); and re-examine the chlorination /dechlorination procedures.
- (2) The sampling and analysis for TRC and PCBs shall be increased to 2X weekly and 2 X Monthly and remain at this increased sampling frequency until:
 - (a) The increased sampling frequency for TRC and PCBs has been in place for at least five weeks and five months, respectively;
 - (b) At least nine (9) samples have been taken under this increased sampling frequency; and
 - (c) The measured concentration of TRC or PCBs is less than the LOD specified in footnote [6] in at least seven (7) out of the nine (9) most recent analyses.

- [6] The following EPA approved test methods and associated LODs and LOQs are to be used in the analysis of the effluent samples. Alternative methods may be used if first approved by IDEM and EPA, if applicable.

<u>Parameter</u>	<u>Test Method</u>	<u>LOD</u>	<u>LOQ</u>
Chlorine, Total residual	4500-Cl D-2000, E-2000 or G-2000	0.02 mg/l	0.06 mg/l
*Total PCBs	608	0.1 µg/l	0.3 µg/l
*Total PCBs is the sum of the following aroclors: PCB-1016, PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, and PCB-1260.			

Case-Specific LOD/LOQ

The permittee may determine and use a case-specific LOD or LOQ using the analytical method specified above, or any other analytical method which is approved by the Commissioner, and EPA if applicable, prior to use. The LOD shall be derived by the procedure specified for method detection limits contained in 40 CFR Part 136, Appendix B, and the LOQ shall be set equal to 3.18 times the LOD. Other methods may be used if first approved by the Commissioner.

- [7] Mercury monitoring shall be conducted 6 X annually in the months of February, April, June, August, October, and December of each year for the term of the permit using EPA Test Method 1631, Revision E.

<u>Parameter</u>	<u>Test Method</u>	<u>LOD</u>	<u>LOQ</u>
Mercury	1631E	0.2 ng/l	0.5 ng/l

- [8] Summer limitations apply from May 1 through November 30. Winter limitations apply from December 1 through April 30.

- [9] The following conditions apply for Temperature outside the mixing zone:

- (1) There shall be no abnormal temperature changes that may adversely affect aquatic life unless caused by natural conditions.
- (2) The normal daily and seasonal temperature fluctuations that existed before the addition of heat due to other than natural causes shall be maintained.
- (3) The maximum temperature rise at any time or place above natural shall not exceed five (5) degrees Fahrenheit (two and eight-tenths (2.8) degrees Celsius) in streams.

- [10] The Stormwater Monitoring and Non Numeric Effluent Limits and the Stormwater Pollution Prevention Plan (SWPPP) requirements can be found in Part I.D. and I.E. of this permit.

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- (A) The plan is retained at the facility and available for review;
- (B) All the requirements of the SWPPP are contained within the plan; and
- (C) A separate, labeled section is utilized in the plan for the SWPPP requirements.

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G. REOPENING CLAUSES

This permit may be modified, or alternately, revoked and reissued, after public notice and opportunity for hearing:

1. to comply with any applicable effluent limitation or standard issued or approved under 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



**National Pollutant Discharge Elimination System
Briefing Memo for
General Motors LLC – GPS Bedford
Draft modification: July 2026
Final modification:**

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:	General Motors LLC 300 Renaissance Center Detroit, Michigan 48265
Existing Permit Information:	Permit Number: IN0003573 Expiration Date: November 30, 2030
Facility Contact:	Nathan Milliman, Environmental Engineer (812)-545-3249, Nathan.milliman@gm.com
Facility Location:	105 GM Drive Bedford, IN 47421 Lawrence County
Receiving Stream:	Unnamed tributary to Pleasant Run
GLI/Non-GLI:	Non-GLI
Proposed Permit Action:	Modify
Date Application Received:	February 10, 2026
Source Category	NPDES Major – Industrial
Permit Writer:	Riley Marshall (317) 234-3568, remarsha@idem.in.gov

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1.0 INTRODUCTION

The Indiana Department of Environmental Management (IDEM) received a request from General Motors LLC – GPS Bedford on February 12, 2026 to modify National Pollutant Discharge Elimination System (NPDES) Permit IN0003573. The current five year permit was issued with an effective date of December 1, 2025 in accordance with 327 IAC 5-2-6(a).

The Federal Water Pollution Control Act (more commonly known as the Clean Water Act), as amended, (Title 33 of the United States Code (U.S.C.) Section 1251 et seq.), requires an NPDES permit for the discharge of pollutants into surface waters. Furthermore, Indiana law requires a permit to control or limit the discharge of any contaminants into state waters or into a publicly owned treatment works. This proposed permit action by IDEM complies with and implements these federal and state requirements.

In accordance with Title 40 of the Code of Federal Regulations (CFR) Sections 124.8 and 124.56, as well as Title 327 of the Indiana Administrative Code (IAC) Article 5-3-8, a Fact Sheet is required for certain NPDES permits. This document fulfills the requirements established in these regulations. This Fact Sheet was prepared in order to document the factors considered in the development of NPDES Permit effluent limitations. The technical basis for the Fact Sheet may consist of evaluations of promulgated effluent guidelines, existing effluent quality, receiving water conditions, Indiana water quality standards-based wasteload allocations, and other information available to IDEM. Decisions to award variances to Water Quality Standards or promulgated effluent guidelines are justified in the Fact Sheet where necessary. This Fact Sheet also identifies the modified pages of the permit as issued on November 26, 2025.

2.0 FACILITY DESCRIPTION

2.1 General

GENERAL MOTORS LLC – GPS BEDFORD is classified under Standard Industrial Classification (SIC) Code 3363-Aluminum Die Casting and 3365 – Aluminum Foundry.

The facility manufactures aluminum casting products such as transmission casings and engine blocks through the use of die cast machines and semi-permanent molds (SPM). The North Die Cast area contains 21 die cast lines, 18 for the manufacture of transmission cases and torque converters, and 3 small gas engine (SGE) blocks. South Die Cast has 2 High Integrity Die Cast (HIDC) machines, 2 SGE machines, and 4 CSS (small gas engines) machines. The SPM area contains 4 Core Make Lines that produce sand cores, 4 cast lines that produce heads for 6- and 8-cylinder engines, and 3 pre-machining lines to clean up castings prior to shipping. The source water for the facility is obtained from the City of Bedford.

A map showing the location of the facility has been included as Figure 1.

Figure 1: Facility Location/Site Map

GM Bedford OUTFALL LOCATION MAP



105 GM Drive
Bedford, Indiana 47421
Lawrence County

2.2 Outfall Locations

Latitude: 38° 52' 49.48"
Longitude: -86° 28' 47.16"
Outfall 003

3.0 PERMIT MODIFICATION

3.1 Modification Request

GM intends to divert all industrial flows currently discharging with stormwater at Outfall 003 to the City of Bedford POTW under the pretreatment permit previously applied for. GM will continue to operate its industrial wastewater system through the biological aeration basins, however, clarified water will no longer be directed to the stormwater lagoon. The treated industrial wastewater will be directed back to the Filter building to be treated through activated carbon and transferred into tank T-500. Tank T-500 will operate as a lift station to pump this pretreated industrial wastewater up to T-200 (acting as a balance tank) to discharge through a metered force main to the City of Bedford East/West sewer system. See the updated "Pretreatment Discharge System Flow Diagram" below for reference.

A Water Balance Diagram has been included as Figure 2 and Figure 3.

Figure 2: Water Balance Diagram

Stormwater Treatment Flow Diagram

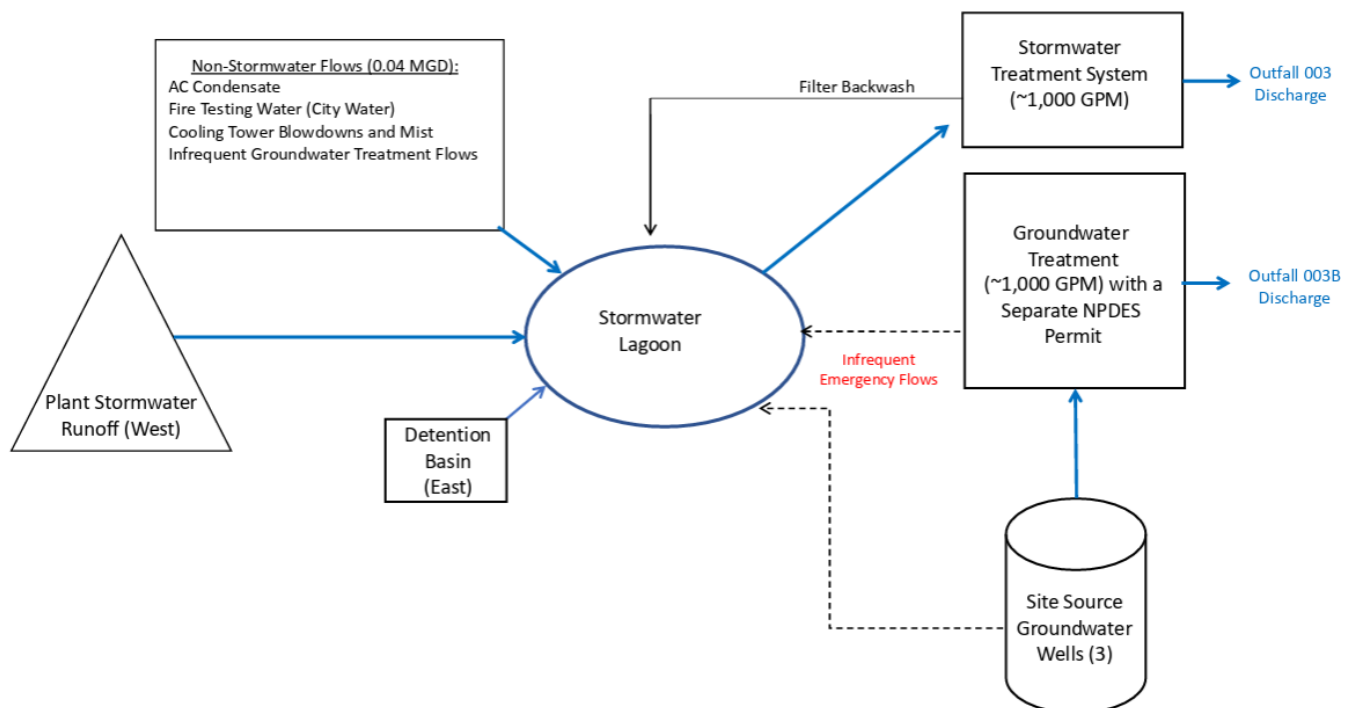
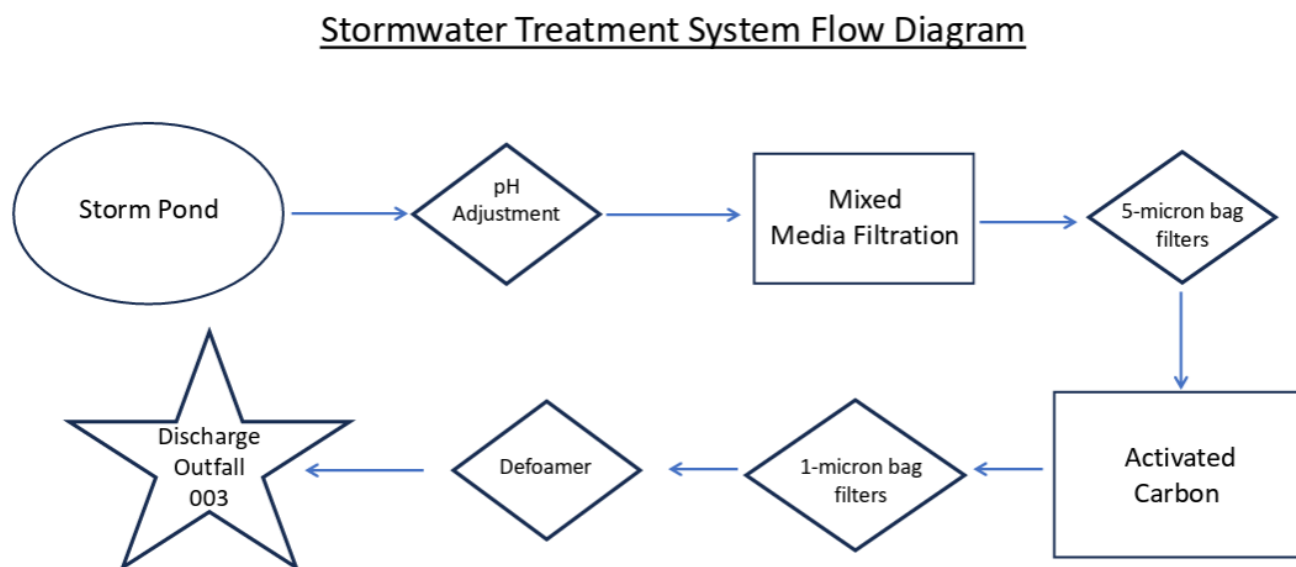


Figure 3: Water Balance Diagram



3.2 IDEM's Proposed Modification

IDEM has determined that the modifications are to be approved. The permittee submitted a new permit request to discharge their wastewater to the City of Bedford. IDEM has drafted a pretreatment permit (INP000748) to include the new pretreatment process, so the current permit needs to be modified to reflect the changes.

The discharge limitations for quantity or loading have been removed for TSS, Oil & Grease, Zinc, Phenol, Copper, and Lead because these will be covered under the new pretreatment permit and will not be present in the wastestream for this NPDES permit. Some limits have been retained, but as report for quality or concentration.

WET testing requirements are being removed from the permit document due to the production being moved to the pretreatment permit and WET testing no longer necessary.

3.3 Antibacksliding

Indiana's prohibitions on backsliding under 327 IAC 5-2-10(a)(11) are applicable to BPJ case-by-case technology-based effluent limitations, when proposed to be increased based on subsequently promulgated effluent guidelines under Section 304(b) of the CWA, and limitations based on Indiana water quality standards or treatment standards (327 IAC 5-10). Prohibitions on other types of backsliding (e.g., backsliding from limitations derived from effluent guidelines, from existing case-by-case limitations to new case-by-case limitations, and from conditions such as monitoring requirements that are not effluent limitations) are covered under federal regulation at 40 CFR 122.44(l)(1).

Under 327 IAC 5-2-10(a)(11), unless an exception under 327 IAC 5-2-10(a)(11)(B) applies, a permit may not be renewed, reissued or modified to contain effluent limitations that are less stringent than the comparable effluent limitations in the previous permit. For effluent limitations based on Indiana water quality or treatment standards, less stringent effluent limitations may also be allowed if they are in compliance with Section 303(d)(4) of the CWA.

Under 40 CFR 122.44(l)(1), a permit may not be renewed or reissued to contain less stringent interim effluent limitations, standards or conditions than the final effluent limitations, standards or conditions in the previous permit unless the circumstances on which the previous permit was based have materially and substantially changed since the time the permit was issued and would constitute cause for permit modification or revocation and reissuance under 40 CFR 122.62.

None of the limits included in this permit are less stringent than the comparable effluent limitations in the previous permit, therefore, backsliding is not an issue in accordance with 327 IAC 5-2-10(a)(11) and 40 CFR 122.44(l)(1).

3.4 Antidegradation

Indiana's Antidegradation Standards and Implementation procedures are outlined in 327 IAC 2-1.3. The antidegradation standards established by 327 IAC 2-1.3-3 apply to all surface waters of the state. The permittee is prohibited from undertaking any deliberate action that would result in a new or increased discharge of a bioaccumulative chemical of concern (BCC) or a new or increased permit limit for a regulated pollutant that is not a BCC unless information is submitted to the commissioner demonstrating that the proposed new or increased discharge will not cause a significant lowering of water quality, or an antidegradation demonstration submitted and approved in accordance 327 IAC 2-1.3-5 and 2-1.3-6.

The NPDES permit does not propose to establish a new or increased loading of a regulated pollutant; therefore, the Antidegradation Implementation Procedures in 327 IAC 2-1.3-5 and 2-1.3-6 do not apply to the permitted discharge.

3.5 Spill Response and Reporting Requirement

Reporting requirements associated with the Spill Reporting, Containment, and Response requirements of 327 IAC 2-6.1 are included in Part II.B.2.(d), Part II.B.3.(c), and Part II.C.3. of the NPDES permit. Spills from the permitted facility meeting the definition of a spill under 327 IAC 2-6.1-4(15), the applicability requirements of 327 IAC 2-6.1-1, and the Reportable Spills requirements of 327 IAC 2-6.1-5 (other than those meeting an exclusion under 327 IAC 2-6.1-3 or the criteria outlined below) are subject to the Reporting Responsibilities of 327 IAC 2-6.1-7.

It should be noted that the reporting requirements of 327 IAC 2-6.1 do not apply to those discharges or exceedances that are under the jurisdiction of an applicable permit when the substance in question is covered by the permit and death or acute injury or illness to animals or

humans does not occur. In order for a discharge or exceedance to be under the jurisdiction of this NPDES permit, the substance in question (a) must have been discharged in the normal course of operation from an outfall listed in this permit, and (b) must have been discharged from an outfall for which the permittee has authorization to discharge that substance.

3.6 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.