

Application Type Renewal  
Facility Type Municipal  
Major / Minor Major

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SEWAGE**

Application No. PA0026280  
APS ID 276233  
Authorization ID 1404605

**Applicant and Facility Information**

Applicant Name	<u>Lewistown Borough Mifflin County</u>	Facility Name	<u>Lewistown STP</u>
Applicant Address	<u>2 E 3rd Street</u> <u>Lewistown, PA 17044-1701</u>	Facility Address	<u>293 Washington Avenue</u> <u>Lewistown, PA 17044</u>
Applicant Contact	<u>Kim Zimmerman</u>	Facility Contact	<u>Zeke Phillips</u>
Applicant Phone	<u>(717) 994-5360</u>	Facility Phone	<u>(717) 242-2823</u>
Client ID	<u>132967</u>	Site ID	<u>252086</u>
Ch 94 Load Status	<u>Existing Hydraulic Overload</u>	Municipality	<u>Lewistown Borough</u>
Connection Status	<u>Dept. Imposed Connection Prohibitions</u>	County	<u>Mifflin</u>
Date Application Received	<u>July 28, 2022</u>	EPA Waived?	<u>No</u>
Date Application Accepted	<u>August 10, 2022</u>	If No, Reason	<u>Major Facility, Significant CB Discharge</u>
Purpose of Application	<u>NPDES permit renewal</u>		

**Summary of Review**

**1.0 General Discussion:**

This fact sheet supports a 2<sup>nd</sup> draft permit for renewal of an existing NPDES permit for discharge of treated domestic wastewater from Borough of Lewistown STP. A draft permit was issued to the permittee on June 6, 2023 but was not finalized due to compliance issues. The Department entered into a Consent Order and Agreement with the Borough of Lewistown to address all outstanding violations. However, due to an updated permit template and the Department's implementation plan for monitoring Per- and Polyfluoroalkyl Substances (PFAS), the permit is being re-drafted. The limitations and monitoring requirements in the draft permit issued on June 6, 2023 remains in this current draft permit in addition to PFAS monitoring requirement. Refer to the factsheet developed in support of the June 6, 2023 draft permit for the basis of the limitations and monitoring requirements. EPA reviewed the June 6, 2023 draft permit and provided no comments that need addressing. EPA communication on the June 6, 2023 draft is presented in attachment A. PFAS monitoring requirement plan is discussed below.

**1.1 PFAS Monitoring Strategy:**

PFAS, also known as 'forever chemicals,' are prevalent in the environment. They are a category of chemicals used since the 1940s to repel oil and water and resist heat, which makes them useful in everyday products such as nonstick cookware, stain resistant clothing, and firefighting foam. Exposure to certain PFAS over a long period of time can cause cancer, adverse health impacts and other illnesses. EPA categorized the following activities it

Approve	Deny	Signatures	Date
X		<i>J. Pascal Kwedza</i> J. Pascal Kwedza, P.E. / Environmental Engineer	April 19, 2024
X		<i>Maria D. Bebenek for</i> Daniel W. Martin, P.E. / Environmental Engineer Manager	April 19, 2024
X		<i>Maria D. Bebenek</i> Maria D. Bebenek, P.E. / Program Manager	April 19, 2024

### Summary of Review

believes are the main sources of PFAS: organic chemicals, plastics & synthetic fibers; metal finishing; electroplating; electric and electronic components; landfills; pulp, paper & paperboard; leather tanning & finishing; plastics molding & forming; textile mills; paint formulating, and airports. DEP is implementing PFAS monitoring program to investigate and address PFAS discharges and pollution. Under the plan, all new industrial and some major sewage permit applicants are required to test for 4 of the PFAS parameters, PFOA, PFOS, HFPO-DA and PFBS during permit applications. If the results of the tests are non-detect using screening level at or below DEP's Target QLs, an annual monitoring will be required and if there are detections or non-detects above the TQLs a quarterly monitoring will be required in the permit. Applications received without the tests and applications already received will be drafted with quarterly monitoring if an industrial facility falls under EPA categories or if a major sewage facility receives flow from one of EPA categories. If an industrial facility does not fall under or a major sewage facility does not receive flow any EPA categories, annual monitoring will be required in the draft permit. This major sewage facility does not receive any flow from EPA categories therefore, annual monitoring of PFOA, PFOS, HFPO-DA, and PFBS is required in the permit. The permittee may discontinue monitoring for PFOA, PFOS, HFPO-DA, and PFBS if the results in 4 consecutive monitoring periods indicate non-detect results at or below Quantitation Limits of 4.0 ng/L for PFOA, 3.7 ng/L for PFOS, 3.5 ng/L for PFBS and 6.4 ng/L for HFPO-DA. When monitoring is discontinued, permittees shall enter a No Discharge Indicator (NODI) Code of "GG" on DMRs.

#### **1.2 Public Participation:**

DEP will publish a tentative decision to issue the NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

**2.0 Proposed Effluent Limitations and Monitoring Requirements**

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the “NPDES Permit Writer’s Manual” (386-0400-001), SOPs and/or BPJ.

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Daily Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	9.0 Daily Max	XXX	1/day	Grab
DO	XXX	XXX	5.0	XXX	XXX	XXX	1/day	Grab
CBOD5	585	940	XXX	25.0	40.0	50	2/week	24-Hr Composite
BOD5 Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	2/week	24-Hr Composite
TSS Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	2/week	24-Hr Composite
TSS	705	1055	XXX	30.0	45.0	60	2/week	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/week	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/month	Grab
UV Intensity (mW/cm <sup>2</sup> )	XXX	XXX	Report	XXX	XXX	XXX	1/day	Recorded 24-Hr Composite
Nitrate-Nitrite	XXX	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Nitrate-Nitrite (lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX	1/month	Calculation

Outfall001 , Continued (from Permit Effective Date through Permit Expiration Date )

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Daily Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	1/month	Calculation
Total Nitrogen (lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX	1/month	Calculation
Ammonia	XXX	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Ammonia (lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX	1/month	Calculation
TKN	XXX	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
TKN (lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX	1/month	Calculation
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Total Phosphorus (lbs)	Report Total Mo	XXX	XXX	XXX	XXX	XXX	1/month	Calculation
PFOA (ng/L)	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
PFOS (ng/L)	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
PFBS (ng/L)	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
HFPO-DA (ng/L)	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab

Compliance Sampling Location: Outfall 001

**2.1 Proposed Effluent Limitations and Monitoring Requirements**

The limitations and monitoring requirements specified below are proposed for the draft permit, to comply with Pennsylvania's Chesapeake Bay Tributary Strategy.

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Monthly	Annual	Monthly	Monthly Average	Maximum	Instant. Maximum		
Total Nitrogen (lbs) Effluent Net	XXX	51,964 Total Annual	XXX	XXX	XXX	XXX	1/year	Calculation
Total Nitrogen (lbs)	XXX	Report Total Annual	XXX	XXX	XXX	XXX	1/year	Calculation
Ammonia (lbs)	XXX	Report Total Annual	XXX	XXX	XXX	XXX	1/year	Calculation
Total Phosphorus (lbs)	XXX	Report Total Annual	XXX	XXX	XXX	XXX	1/year	Calculation
Total Phosphorus (lbs) Effluent Net	XXX	6,942 Total Annual	XXX	XXX	XXX	XXX	1/year	Calculation

Compliance Sampling Location: At Outfall 001

**Attachment:**

**A. EPA Draft Review Comment**

**Kwedza, John**

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**From:** Fulton, Jennifer <Fulton.Jennifer@epa.gov>  
**Sent:** Friday, July 7, 2023 10:26 AM  
**To:** Kwedza, John  
**Cc:** Martin, Daniel; Bebenek, Maria; Furjanic, Sean; Schumack, Maria; Martinsen, Jessica; Hales, Dana; Camperson, Joseph; Sanchez Gonzalez, Natalie  
**Subject:** [External] Lewistown STP, PA0026280

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Pascal,

According to our Memorandum of Agreement, the Environmental Protection Agency (EPA) Region III has received the draft National Pollutant Discharge Elimination System (NPDES) permit for:

**Lewistown Borough Mifflin County**  
**Lewistown STP**  
**NPDES Number: PA0026280**  
**EPA Received Re-Draft: June 7, 2023**  
**30-day response due date: July 7, 2023**

This is a major facility that discharges to the Juniata River and is a significant discharger to the Chesapeake Bay. EPA has performed a limited review of the draft permit based on the wasteload allocation (WLA) requirements of the approved Chesapeake Bay Watershed TMDL, and Whole Effluent Toxicity (WET) Testing. EPA has completed its review and offers no comments.

If there are any changes proposed to the draft permit and/or fact sheet, please coordinate with Joe Camperson on my staff via telephone at 215-814-5784 or via electronic mail at [camperson.joseph@epa.gov](mailto:camperson.joseph@epa.gov) prior to issuance.

Thank you,  
Jen Fulton



Jennifer Fulton (she/her)  
Acting Chief, Clean Water Branch  
US EPA Mid-Atlantic Region  
Phone 304-234-0248  
Email [fulton.jennifer@epa.gov](mailto:fulton.jennifer@epa.gov)

