

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. PA0203793  
APS ID 1140980  
Authorization ID 1533212

**Applicant, Facility and Project Information**

Applicant Name	<u>William J Debevec</u>	Facility Name	<u>4418 Rostosky Ridge Rd SRSTP</u>
Applicant Address	<u>4418 Rostosky Ridge Road</u> <u>Monongahela, PA 15063-4319</u>	Facility Address	<u>4418 Rostosky Ridge Road</u> <u>Monongahela, PA 15063-4319</u>
Applicant Contact	<u>William Debevec</u>	Facility Contact	<u></u>
Applicant Phone	<u>(412) 818-0601</u>	Facility Phone	<u></u>
Client ID	<u>44105</u>	Site ID	<u>369</u>
SIC Code	<u>4952</u>	Municipality	<u>Forward Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Allegheny</u>
Date Application Received	<u>June 27, 2025</u>	WQM Required	<u>No</u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of NPDES Permit</u>		

**Summary of Review**

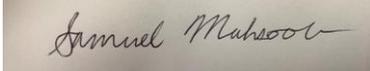
**Overview**

The permittee has applied to renew PA0203793. The previous permit renewal was issued on 06/01/2017 and the permit expired on 04/30/2022. The permit renewal application was received more than three years late. During this period, the permittee discharged wastewater without an active permit and was in violation since 04/30/2022. A Notice of Violation (NOV) was issued to this permittee on 02/19/2025 and a renewal application was received on 06/27/2025.

In addition, no AMR's or DMR's have been received by the Allegheny County Health Department (ACHD) or the DEP. The application did not mention or provide any documentation that the septic tank has been pumped.

**Facility**

Part II Permit No. 0289402 was issued on March 16, 1989, and authorized construction of the plant to treat an average design flow of 0.0004 MGD from a 3-bedroom home. The existing treatment process consists of a J153 aeration tank, a J-158 Upflow Filter, and a CC-300 chlorine contact tank. This small flow discharge does not qualify for a General NPDES Permit since the SRSTP does not contain one of the sand filters listed in the Small Flow Facilities Manual.

Approve	Return	Deny	Signatures	Date
x			 Sam Mahsoob, EIT / Environmental Engineering Trainee	2/13/2026
x			 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineer Manager	2/13/2026

**Summary of Review**

**Discharge**

The receiving stream, Perry Mill Run in the Monongahela River Basin, is currently classified as a Warm Water fishery. The permittee listed a discharge location as 40° 12' 30" N, -79° 55' 0" W, but upon looking at eMaps and Google Maps, the property is located at 40° 12' 36.46" N, 79° 54' 1.67" W, so for the purposes of this permit, we will assume that the discharge location is closer to the latter coordinates listed. Additionally, the ACHD inspection stated the facility is located in the front yard.

**Act 14 Notifications**

Act 14 notifications were provided to Allegheny County and Forward Township on June 16, 2025.

**Compliance Check**

The client has an open violation for not submitting the NPDES renewal on time.

**Public Participation**

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual 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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>40° 12' 36.46"</u>	Longitude	<u>-79° 54' 1.67"</u>
Quad Name	<u>Monongahela</u>	Quad ID	<u>40079B8</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Perry Mill Run</u>	Stream Code	<u>82370</u>
NHD Com ID	<u>99409096</u>	RMI	<u>3.5</u>
Drainage Area	<u>0.04</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.00395</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.000158</u>	Q <sub>7-10</sub> Basis	<u>USGS StreamStats</u>
Elevation (ft)	<u>1239</u>	Slope (ft/ft)	<u>0.038</u>
Watershed No.	<u>19-C</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Organic Enrichment, Metals</u>		
Source(s) of Impairment	<u>Agriculture, Residential Areas, Acid Mine Drainage</u>		
TMDL Status	<u>None</u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>		<u></u>
Temperature (°F)	<u></u>		<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake		<b>PWS ID:</b> 5020039	
PWS Waters	<u>Monongahela River</u>	<b>System Name:</b> PA AMER WATER CO-PITTSBURGH	
PWS RMI	<u>25</u>	Flow at Intake (cfs)	<u>550</u>
		Distance from Outfall (mi)	<u>4</u>

Other Comments: The receiving stream, Perry Mill Run, is impaired by organic enrichment and metals from acid mine drainage. This facility has a relatively low flow rate and is not expected to contribute to the impairment.

**Compliance History**

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**DMR Data**

**DMR Data for Outfall 001 (6/24 to 6/25)**

Parameter	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24
Flow (GPD) Average Monthly													
pH (S.U.) Average Monthly													
BOD5 (mg/L) Average Monthly													
TSS (mg/L) Average Monthly													
Fecal Coliform (No./100 ml) Geometric Mean													

**AMR Data for Outfall 001 (6/24 to 6/25)**

Parameter	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24
UV													

**DMR Summary**

The permittee has not submitted AMR's or DMR's to the ACHD or DEP.

**Development of Effluent Limitations**

**Technology-Based Limitations**

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Pollutant	Limit (mg/L)	SBC	Federal Regulation	State Regulation
Flow	Report	Average Monthly	-	§§ 92a.27, 92a.61
Flow	Report	Max Daily	-	§§ 92a.27, 92a.61
CBOD <sub>5</sub>	25	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	40	Average Weekly	133.102(a)(4)(ii)	92a.47(a)(2)
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	45	Average Weekly	133.102(b)(2)	92a.47(a)(2)
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform (5/1 – 9/30)	200 / 100 ml	Geo Mean	-	92a.47(a)(4)
Fecal Coliform (5/1 – 9/30)	1,000 / 100 ml	IMAX	-	92a.47(a)(4)
Fecal Coliform (10/1 – 4/30)	2,000 / 100 ml	Geo Mean	-	92a.47(a)(5)
Fecal Coliform (10/1 – 4/30)	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)
Total Residual Chlorine	1.6	IMAX	-	92a.47-48(3)(4)

Comments: This facility predates the SFTF/SRSTP Facility Manual and is not expected to meet the more stringent limits outlined by the manual. The previous renewal enforced Technology-Based Effluent Limits for an individual sewage facility and will be carried over to this permit.

**No changes to permit limits or monitoring frequency have been made.**

**Additional Considerations**

**Anti-Backsliding**

Section 402(o) of the Clean Water Act (CWA), enacted in the Water Quality Act of 1987, establishes anti-backsliding rules governing two situations. The first situation occurs when a permittee seeks to revise a Technology-Based effluent limitation based on BPJ to reflect a subsequently promulgated effluent guideline which is less stringent. The second situation addressed by Section 402(o) arises when a permittee seeks relaxation of an effluent limitation which is based upon a State treatment standard of water quality standard.

Previous limits can be used pursuant to EPA's anti-backsliding regulation. Reissued permits. (1) Except as provided in paragraph (l)(2) of this section when a permit is renewed or reissued. Interim effluent limitations, standards or conditions must be at least as stringent as 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 §122.62). (2) In the case of effluent limitations established on the basis of Section 402(a)(1)(B) of the CWA, a permit may not be renewed, reissued, or modified on the basis of effluent guidelines promulgated under section 304(b) subsequent to the original issuance of such permit, to contain effluent limitations which are less stringent than the comparable effluent limitations in the previous permit.

*(40 CFR 122.44 (l)(2) Establishing limitations, standards, and other permit conditions., 40 CFR Ch. I (7-1-21 Edition))*

**No permits limits have been made less stringent in the renewal draft permit.**

**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" (362-0400-001), SOPs and/or BPJ.

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

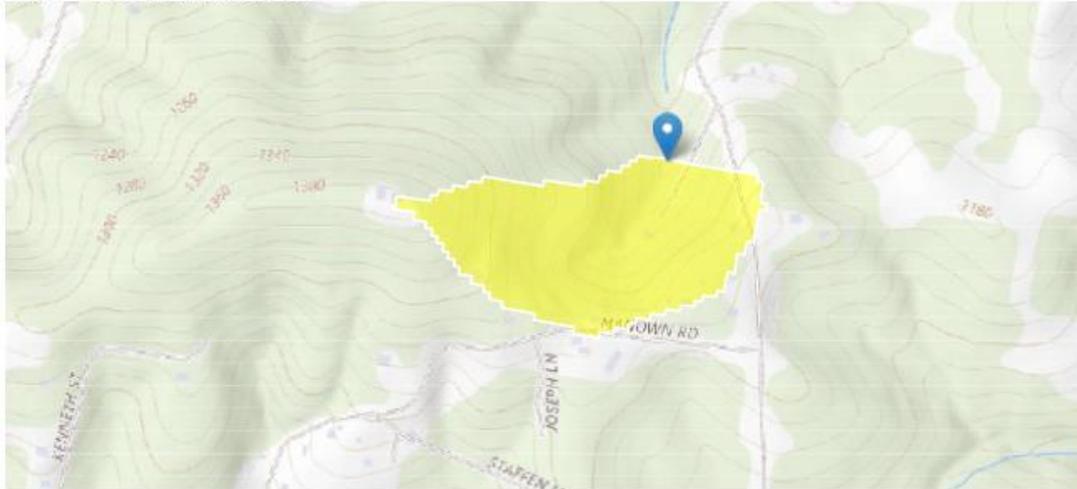
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	0.0004	Report Daily Max	XXX	XXX	XXX	XXX	1/6 months	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/6 months	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	1/6 months	Grab
CBOD5	XXX	XXX	XXX	25	XXX	50	1/6 months	Grab
TSS	XXX	XXX	XXX	30	XXX	60	1/6 months	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/6 months	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/6 months	Grab

Compliance Sampling Location: Outfall 001

Other Comments: **No changes have been made to permit limit or monitoring frequency.**

## StreamStats Report

Region ID: PA  
 Clicked Point (Latitude, Longitude): 40.21108, -79.90015  
 Time: 2026-01-28 15:17:58 -0500



### StreamStats Update

Starting with version 4.30.0, the StreamStats application uses services that were redeveloped with open-source software components. Users may observe minor variations in computed results when compared to those from previous versions. These differences are expected and do not reflect errors in the underlying data or analytical methods. Users are advised to consider these potential variations when interpreting or comparing results generated across different versions of StreamStats. Please email [streamstats@usgs.gov](mailto:streamstats@usgs.gov) with any questions or concerns. A full list of changes can be found at <https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release> (<https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release>).

Collapse All

### Low-Flow Statistics

#### Low-Flow Statistics Parameters [Low Flow Region 4]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.04	square miles	2.26	1400
ELEV	Mean Basin Elevation	1239	feet	1050	2580

#### Low-Flow Statistics Disclaimers [Low Flow Region 4]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 4]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.000737	ft <sup>3</sup> /s
30 Day 2 Year Low Flow	0.00165	ft <sup>3</sup> /s
7 Day 10 Year Low Flow	0.000158	ft <sup>3</sup> /s
30 Day 10 Year Low Flow	0.000432	ft <sup>3</sup> /s
90 Day 10 Year Low Flow	0.00104	ft <sup>3</sup> /s

*Low-Flow Statistics Citations*

**Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (<http://pubs.usgs.gov/sir/2006/5130/>)**

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Application Version: 4.30.0  
SSHydro Services Version: 1.0.0  
SSDelineate Services Version: 1.0.0  
NSS Services Version: 2.2.1  
GageStats Services Version: 1.2.1  
Pourpoint Services Version: 1.2.0  
Batch Processor Version: 1.6.0