

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0255874
APS ID 1155504
Authorization ID 1557659

Applicant, Facility and Project Information

Applicant Name	<u>Watson Kaleb</u>	Facility Name	<u>102 Landwood Ln SRSTP</u>
Applicant Address	<u>102 Landwood Lane</u> <u>Freedom, PA 15042-2812</u>	Facility Address	<u>102 Landwood Lane</u> <u>Freedom, PA 15042-2812</u>
Applicant Contact	<u>Kaleb Watson</u>	Facility Contact	<u>Same as Applicant</u>
Applicant Phone	<u>(724) 991-0184</u>	Facility Phone	<u>Same as Applicant</u>
Client ID	<u>396613</u>	Site ID	<u>847978</u>
SIC Code	<u>8800</u>	Municipality	<u>New Sewickley Township</u>
SIC Description	<u>Private Households</u>	County	<u>Beaver</u>
Date Application Received	<u>January 27, 2026</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u>0421400 T-1</u>
Project Description	<u>Renewal and transfer of NPDES Sewage Permit</u>		

Summary of Review

The applicant has applied for a renewal of NPDES Permit No. PA0255874, which was previously issued by the Department on July 1, 2021 and expires on June 30, 2026.

The discharge is to an Unnamed Tributary to Crows Run, which is classified as a WWF located in State Watershed 20-G.

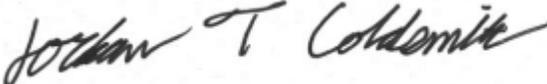
Sandra Wood previously owned the property located at 102 Landwood Lane. This amendment reflects the permit renewal and transfer to Kaleb Watson.

At this there are no open unresolved violations that would prohibit the permit transfer. It is recommended that the permit be transferred.

The applicant does not use eDMR and current policy does not require eDMR to be used for SRSTP's.

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

Approve	Deny	Signatures	Date
X		 Jordan Coldsmith / Environmental Engineering Specialist	February 10, 2026
X		 Christopher Kriley, P.E. / Program Manager	February 17, 2026

Summary of Review

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>.0004</u>
Latitude	<u>40° 41' 59.15"</u>	Longitude	<u>-80° 10' 57.22"</u>
Quad Name	<u>Baden</u>	Quad Code	<u>40080F2</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Crows Run (WWF)</u>	Stream Code	<u>36572</u>
NHD Com ID	<u>99678800</u>	RMI	<u>1.7200</u>
Drainage Area	<u>0.26</u>	Yield (cfs/mi ²)	<u>0.0058</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.00151</u>	Q ₇₋₁₀ Basis	<u>USGS StreamStat</u>
Elevation (ft)	<u>1133.8</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>20-G</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>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></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	<u>CENTER TWP WATER AUTH</u>		
PWS Waters	<u>Ohio River (WWF)</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u>11.38</u>

Changes Since Last Permit Issuance: none

Other Comments: N/A

Treatment Facility Summary				
Treatment Facility Name: 102 Landwood Ln SRSTP				
WQM Permit No.		Issuance Date		
0421400		6/16/2021		
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Septic Tank Sand Filter	Ultraviolet	0.0004
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0004		Not Overloaded		

Changes Since Last Permit Issuance: None.

Other Comments: current treatment process consists of:

- One, 1,000-gallon concrete dual compartment septic tank
- One Premier Tech EC7-500-C-P coco filter with integrated pump
- One DiUV unit installed by manufacturer

Compliance History

Development of Effluent Limitations

Outfall No. <u>001</u>	Design Flow (MGD) <u>.0004</u>
Latitude <u>40° 41' 58.91"</u>	Longitude <u>-80° 10' 49.10"</u>
Wastewater Description: <u>Sewage Effluent</u>	

Technology-Based Limitations

The following effluent limitations and monitoring requirements, at a minimum, will be established in all new and renewed SFTF permits based on the requirements of DEP's "Standard Operating Procedure (SOP) for Clean Water Program New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application" (SOP No. BCW-PMT-003, Version 1.8, Final, November 9, 2012, Revised May 17, 2019).

Parameter	Avg	IMAX	Sample Type	Frequency: SFTFs	Frequency: SRSTPs
Flow (GPD)	Report	XXX	Estimate (SRSTPs) Measured (SFTFs)	1/month	1/year
BOD5 (mg/L)	10	20	Grab	1/month	1/year
TSS (mg/L)	10	20	Grab	1/month	1/year
pH*	6.0 S.U. Inst. Min.	9.0 S.U.	Grab	1/month	1/year
TRC (mg/L)	Report for SRSTPs; Use TRC Spreadsheet to determine WQBELs or 0.02 mg/L for SFTFs		Grab	1/month	1/year
Fecal Coliform (No./100 ml)	200 Geometric Mean (SFTFs) / Average (SRSTPs)		Grab	1/month	1/year

* Technology-Based effluent limits for pH will be imposed based upon Federal Regulation 133.102(c) and State Regulation 95.2(1).

Additional Considerations:

For SFTFs/SRSTPs with UV disinfection systems, it is not necessary to require UV intensity or transmittance monitoring in this permit.

SFTFs/SRSTPs are not required to monitor for Total Nitrogen and Total Phosphorus in new and reissued permits.

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200.0	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

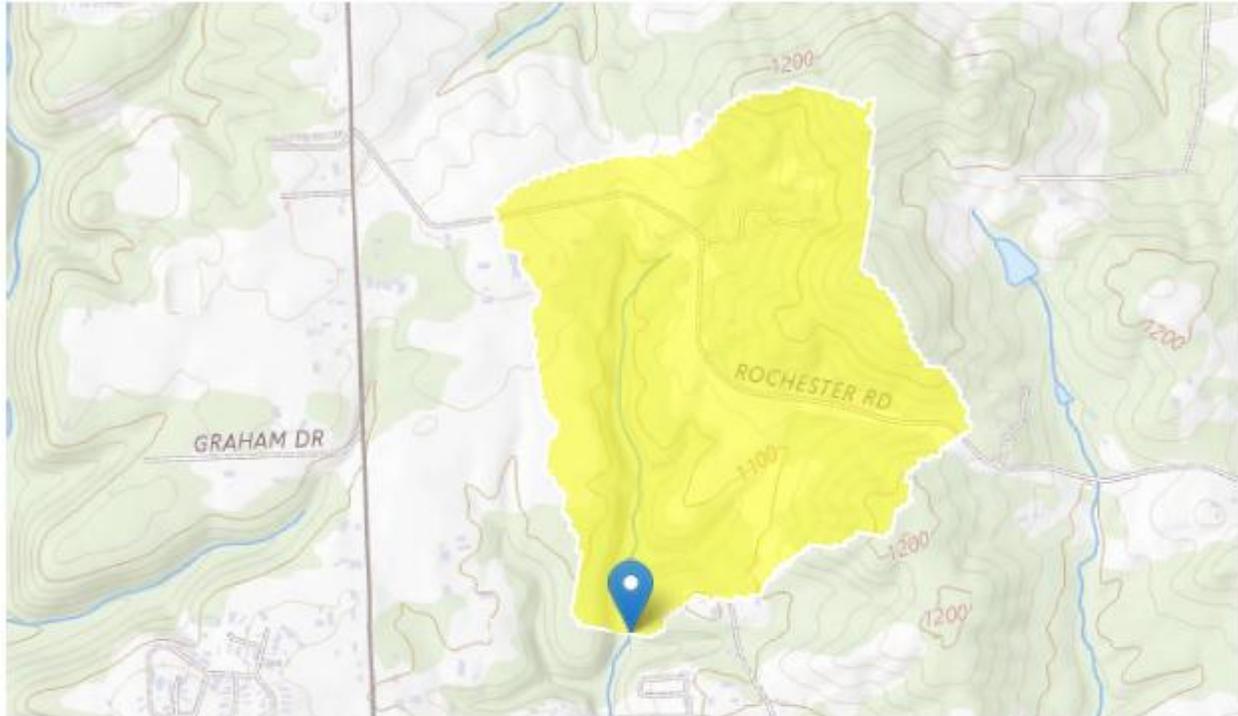
Other Comments: N/A

StreamStats Report

Region ID: PA

Clicked Point (Latitude, Longitude): 40.69977, -80.18258

Time: 2026-02-11 15:03:18 -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 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>) .

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.26	square miles
ELEV	Mean Basin Elevation	1133.8	feet

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 4]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.26	square miles	2.26	1400
ELEV	Mean Basin Elevation	1133.8	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	0.00577	ft ³ /s
30 Day 2 Year Low Flow	0.0118	ft ³ /s
7 Day 10 Year Low Flow	0.00151	ft ³ /s
30 Day 10 Year Low Flow	0.00356	ft ³ /s
90 Day 10 Year Low Flow	0.00768	ft ³ /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/>)