

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0231878
APS ID 1146713
Authorization ID 1542958

Applicant, Facility and Project Information

Applicant Name	<u>Rodney A Reitenbach</u>	Facility Name	<u>673 Conley Rd SRSTP</u>
Applicant Address	<u>673 Conley Road</u> <u>Mifflinburg, PA 17844-7764</u>	Facility Address	<u>673 Conley Road</u> <u>Mifflinburg, PA 17844-7764</u>
Applicant Contact	<u>Rodney Reitenbach</u>	Facility Contact	<u></u>
Applicant Phone	<u></u>	Facility Phone	<u></u>
Client ID	<u>395298</u>	Site ID	<u>883216</u>
SIC Code	<u>4952</u>	Municipality	<u>West Buffalo Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Union</u>
Date Application Received	<u>September 22, 2025</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>October 8, 2025</u>	WQM App. No.	<u>01602503</u>
Project Description	<u>New SRSTP to replace malfunctioning on lot system.</u>		

Summary of Review

The above applicant has submitted an NPDES and Water Quality Management Permit application for a new Single Residence Sewage Treatment Plant (SRSTP) to replace an existing malfunctioning on lot system. The Department approved sewage planning for the project on August 19, 2025. Water Quality Management Permit No. 1602503 will cover the construction and operation of the SRSTP while the above NPDES PA0231878 will address the discharge parameters.

The proposed 400 gallon per day system will consist of a septic tank, dosing pump, subsurface sand filter, and tablet chlorine disinfection with gravity discharge. A more complete summary of the system will be provided within the WQM internal review and recommendations.

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.

Approve	Deny	Signatures	Date
X		<i>Chad A. Fabian</i> Chad A. Fabian / Project Manager	December 17, 2025
X		<i>Nicholas W. Hartranft, P.E.</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	December 22, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	40° 57' 43"	Longitude	-77° 2' 12"
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary of Rapid Run (EV)	Stream Code	82640
NHD Com ID	54972555	RMI	1
Watershed No.	6-C	Chapter 93 Class.	EV
Existing Use	n/a	Existing Use Qualifier	n/a
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Attaining Use(s)		

Other Comments:

None

Compliance History	
Summary of DMRs:	None exist; it is a proposed new SRSTP.
Summary of Inspections:	No inspections have been done. The facility does not exist yet.

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 (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
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	XXX	XXX	1/year	Grab

Compliance Sampling Location: 001

Other Comments:

All of the above limitations are in accordance with the Department's SOP for Standard Operating Procedure (SOP) for new SRSTPs (SOP No. BCW-PMT-003). Per the respective SOP, no modeling is required.

Per the SOP, chlorine disinfection is not permitted for discharges to Exceptional Value (EV) waterbodies. Therefore, the Department will address this deficiency separately through a deficiency letter after the WQM application is reviewed in its entirety.

It is recommended the NPDES permit be drafted as described above.