

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0114367  
APS ID 1100518  
Authorization ID 1461091

### Applicant, Facility and Project Information

Applicant Name <u>Deivert Danny</u>	Facility Name <u>Danny Deivert Res</u>
Applicant Address <u>55 Conley Road</u> <u>Mifflinburg, PA 17844-7761</u>	Facility Address <u>55 Conley Road</u> <u>Mifflinburg, PA 17844-7761</u>
Applicant Contact <u>Danny Deivert</u>	Facility Contact _____
Applicant Phone _____	Facility Phone _____
Client ID <u>44153</u>	Site ID <u>237361</u>
SIC Code <u>4952</u>	Municipality <u>Buffalo Township</u>
SIC Description <u>Trans. &amp; Utilities - Sewerage Systems</u>	County <u>Union</u>
Date Application Received <u>November 6, 2023</u>	WQM Required <u>Previously issued</u>
Date Application Accepted _____	WQM App. No. <u>6089413-T1</u>
Project Description <u>Renewal of existing NPDES Permit</u>	

### Summary of Review

The above permittee has submitted an NPDES renewal application for the existing 400 gallons per day discharge (Outfall 001) from a Single Residence Sewage Treatment Plant (SRSTP). The discharge is to an Unnamed Tributary to Rapid Run, which is classified as High Quality-Cold Water Fishes per the Department's Chapter 93 Regulations. The treatment plant consists of a septic tank, sand filter, and tablet chlorination. The design, construction, and operation of the treatment plant was approved by the Department via Water Quality Management Permit No. 6089413-T1.

Unless otherwise noted, all applicable Department Standard Operating Procedures (SOPs) were used during this review. It is recommended the permit be drafted as documented within this fact sheet.

#### 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	March 25, 2025
X		<i>Nicholas W. Hartranft, P.E.</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	March 26, 2025

## Discharge and Stream Data –Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	40° 57' 47.43"	Longitude	-77° 1' 39.61"
Quad Name	n/a	Quad Code	n/a
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Rapid Run (HQ-CWF)	Stream Code	19005
NHD Com ID	66920763	RMI	0.5
Drainage Area	n/a, no modeling required	Yield (cfs/mi <sup>2</sup> )	n/a
Q <sub>7-10</sub> Flow (cfs)	n/a, no modeling required	Q <sub>7-10</sub> Basis	n/a
Elevation (ft)	550	Slope (ft/ft)	n/a
Watershed No.	10C	Chapter 93 Class.	High Quality Waters - Cold Water Fishes
Existing Use	HQ-CWF	Existing Use Qualifier	n/a
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Impaired		
Cause(s) of Impairment	NUTRIENTS, SILTATION		
Source(s) of Impairment	GRAZING IN RIPARIAN OR SHORELINE ZONES		
TMDL Status	Final	Name	Buffalo Creek Tributaries
Nearest Downstream Public Water Supply Intake	Approximately 21 miles downstream on the Susquehanna River near Sunbury, PA.		

The above TMDL is for nutrients and siltation from agricultural practices. This discharge is not a factor in the TMDL.

Compliance History	
<b>Summary of DMRs:</b>	The permittee has been submitting the required Annual Maintenance Reports (AMRs). A review of the most recent AMR shows that the effluent limitations are being met.
<b>Summary of Inspections:</b>	The most recent inspection by the Department was conducted on June 25, 2024. No violations were noted during the inspection.

**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	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/year	Grab
TRC	XXX	XXX	XXX	Report Daily Max	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Daily Max	XXX	XXX	1/year	Grab

Compliance Sampling Location: 001

Other Comments:

Since the facility has a clean compliance history and has been well maintained, the existing sampling frequencies can be carried over to the renewed permit per the Department's SOP for *New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications* SOP No. BCW-PMT-003.

It is recommended the permit be drafted as described above.