

Application Type Renewal / Transfer  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0233668  
APS ID 1128450  
Authorization ID 1511522

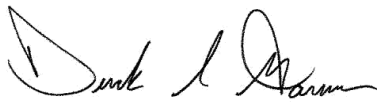

### Applicant, Facility and Project Information

Applicant Name	<u>William R. Davison</u>	Facility Name	<u>Davison SRSTP</u>
Applicant Address	<u>199 Dawn Lane</u> <u>Howard, PA 16841-2147</u>	Facility Address	<u>462 Bullit Run Road</u> <u>Howard, PA 16841-2726</u>
Applicant Contact	<u>William Davison</u>	Facility Contact	<u>William Davison</u>
Applicant Phone	<u>(814) 883-0313</u>	Facility Phone	<u>(814) 883-0313</u>
Client ID	<u>266732</u>	Site ID	<u>704988</u>
SIC Code	<u>4952</u>	Municipality	<u>Howard Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Centre</u>
Date Application Received	<u>December 8, 2024</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>December 20, 2024</u>	WQM App. No.	<u>1408403 T-2</u>
Project Description	<u>Renewal and transfer of an existing NPDES permit.</u>		

### Summary of Review

The permittee has requested to simultaneously renew and transfer the NPDES permit. A change in ownership from the existing permittee, Kathleen Danley, to the proposed permittee, William Davison, occurred on January 1, 2025. The transfer of the associated WQM Permit No. 1408403 will also be coordinated with renewal of the NPDES permit.

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		 Derek S. Garner / Project Manager	June 3, 2025
X		 Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	June 3, 2025

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	001	Design Flow (GPD)	400
Latitude	40° 59' 56.62"	Longitude	-77° 43' 45.50"
Quad Name	Mingoville	Quad Code	1124
Wastewater Description:	Sewage Effluent		
Receiving Waters	Bullit Run	Stream Code	22905
NHD Com ID	67178154	RMI	1.0
Drainage Area (mi²)	4.35	Yield (cfs/mi²)	0.0012
Q <sub>7-10</sub> Flow (cfs)	0.0488	Q <sub>7-10</sub> Basis	USGS Streamstats
Elevation (ft)	715	Slope (ft/ft)	n/a
Watershed No.	9-C	Chapter 93 Class.	CWF
Existing Use	n/a	Existing Use Qualifier	n/a
Exceptions to Use	n/a	Exceptions to Criteria	n/a
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	n/a		
Source(s) of Impairment	n/a		
TMDL Status	n/a	Name	n/a
Nearest Downstream Public Water Supply Intake	PA American		
PWS Waters	West Branch Susquehanna River	Flow at Intake (cfs)	8.5
PWS RMI	10.7	Distance from Outfall (mi)	90

The discharge is not expected to negatively impact any downstream water supply.

**Facility Summary**

Construction and operation of the single-residence small flow treatment plant ("SRSTP") was/is approved under WQM Permit No. 148403, first issued April 14, 2009. The facility generally consists of one (1) 1,000-gal septic tank, one (1) peat biofilter, one (1) erosion chlorinator, and one (1) chlorine contact tank. Treated effluent is ultimately discharged via Outfall 001 to Bullit Run.

**Compliance History**

The SRSTP was most recently inspected by DEP on June 2, 2023. The inspection report indicated that annual maintenance reports (AMRs) were not being submitted. No impacts were noted above, at, or below Outfall 001 in Bullit Run.

There are no open violations associated with the permittee.

**Development of Effluent Limitations**

The proposed effluent limits and measurement frequencies are the same as the existing permit and are consistent with recommended standard operating procedures for SRSTPs.

**Existing Effluent Limitations and Monitoring Requirements**

The existing effluent limitations and monitoring requirements are as follows:

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

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum 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
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	Report	1/month	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	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

**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)		Concentrations (mg/L)				Minimum 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
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	Report	1/month	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	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001