

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0233668
APS ID 1001703
Authorization ID 1288439

Applicant, Facility and Project Information

Applicant Name	<u>Danley, Kathleen A.</u>	Facility Name	<u>Kathleen Danley SFTF</u>
Applicant Address	<u>462 Bullit Run Road</u> <u>Howard, PA 16841-2726</u>	Facility Address	<u>462 Bullit Run Road</u> <u>Howard, PA 16841-2726</u>
Applicant Contact	<u>Kathleen Danley</u>	Facility Contact	<u>Kathleen Danley</u>
Applicant Phone	<u>(585) 356-9646</u>	Facility Phone	<u>(585) 356-9646</u>
Client ID	<u>352380</u>	Site ID	<u>704988</u>
SIC Code	<u>4952</u>	Municipality	<u>Howard Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Centre</u>
Date Application Received	<u>September 13, 2019</u>	WQM Required	<u></u>
Date Application Accepted	<u>September 17, 2019</u>	WQM App. No.	<u>1408403 T-1</u>
Project Description	<u>Renewal and Transfer of a NPDES Permit</u>		

Summary of Review

The facility was formerly permitted to William Davison and is at this time being transferred to Ms. Danley. This Single Residence Sewage Treatment Plant (SRSTP) serves a single dwelling in Howard Township, Centre County. A map of the discharge location is attached. The facility is subject an individual NPDES permit due its design not being one prescribed in the Department's Small Flow Treatment Facilities manual.

The associated WQM permit No. 1408403 will be transferred with the final issuance of this NPDES permit.

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
✓		Keith C. Allison / Project Manager	November 13, 2019
		Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0004
Latitude	40° 59' 56.62"	Longitude	-77° 43' 45.50"
Quad Name	Mingoville	Quad Code	1124
Wastewater Description: Sewage Effluent			
Receiving Waters	Bullit Run (CWF)	Stream Code	22905
NHD Com ID	67178154	RMI	1
Drainage Area	4.35 mi ²	Yield (cfs/mi ²)	0.0112
Q ₇₋₁₀ Flow (cfs)	0.0488	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)	715	Slope (ft/ft)	Undetermined
Watershed No.	09C	Chapter 93 Class.	Cold Water Fishes
Existing Use	N/A	Existing Use Qualifier	N/A
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Attaining Use(s)		
Nearest Downstream Public Water Supply Intake	PA American White Deer @ Milton, PA		
PWS Waters	West Branch Susquehanna River	Flow at Intake (MGD)	8.5
PWS RMI	10.7	Distance from Outfall (mi)	Approx. 90

Changes Since Last Permit Issuance: None

Other Comments: This discharge is not expected to affect any downstream water supply at this time with the limitations and monitoring proposed.

Treatment
Treatment, as approved under WQM Permit No. 1408403, consists of a 1000-gallon septic tank, a peat biofilter, erosion chlorinator, and chlorine contact tank.

Compliance History	
Summary of AMRs:	AMRs have not been submitted annually over the past permit term.
Summary of Inspections:	The facility was last inspected by the Department on November 5, 2018, by John Springer, WQS. This inspection identified violations for failures to submit annual maintenance reports, take annual samples, and pump the septic tank. Documentation for recent septic tank pumping and sampling was included with the renewal application.
Other Comments:	A query in WMS found no open violations for Kathleen Danley in eFACTS.

Existing Effluent Limitations and Monitoring Requirements

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	1/month	Grab
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
CBOD5	XXX	XXX	XXX	10	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

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	Average Monthly	Maximum	Instant. Maximum		
TRC	XXX	XXX	XXX	Report	Report IMAX	XXX	1/month	Grab
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
BOD5	XXX	XXX	XXX	10.0 Annl Avg	20.0 IMAX	XXX	1/year	Grab
TSS	XXX	XXX	XXX	10.0 Annl Avg	20.0 IMAX	XXX	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Annl Avg	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: The proposed monitoring and limits are consistent with the Department's typical requirements for SRSTPs. Changes from the existing limits includes the removal of pH monitoring; the change from CBOD5 to BOD5; and the change to annual averages for BOD5, TSS and Fecal Coliform consistent with the Department's current requirements for SRSTPs.

ATTACHMENT:
Discharge Location Map

