



Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0239178
APS ID 1139540
Authorization ID 1530902

Applicant, Facility and Project Information

Applicant Name	<u>David J Mays</u>	Facility Name	<u>David J Mays SFTF</u>
Applicant Address	13 Church Street	Facility Address	13 Church Street
	Westline, PA 16751		Westline, PA 16751
Applicant Contact	<u>David Mays</u>	Facility Contact	<u>David Mays</u>
Applicant Phone	<u>(814) 778-5217</u>	Facility Phone	<u>(814) 778-5217</u>
Client ID	<u>208481</u>	Site ID	<u>556533</u>
SIC Code	<u>4952,8800</u>	Municipality	<u>Lafayette Township</u>
SIC Description	Private Households, Trans. & Utilities - Sewerage Systems	County	<u>McKean</u>
Date Application Received	<u>June 16, 2025</u>	WQM Required	<u>Previously issued - 4203401</u>
Date Application Accepted		WQM App. No.	<u>-</u>
Project Description	<u>Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u>		

Summary of Review

The permittee is requesting for reissuance of Individual Permit No. PA0239178 which is set to expire on November 30, 2025. This is an existing discharge that serves a 3-bedroom home and garage which discharges to Kinzua Creek (CWF). The main stem of Kinzua Creek is classified as a cold-water fishery with some tributaries classified as high quality.

The existing facility consists of (WQM Permit No. 4203401): A 1,250-gallon Kistner septic tank, 500-gallon dosing tank with a submersible sewage pump, 750 sq ft subsurface sand filter, effluent lift station with submersible pump, and a Salcor 3G Ultraviolet (UV) disinfection unit.

Act 14 notifications were submitted and received.

Yearly AMRs have been submitted. The facility appears to be operating as designed.

There are no open violations in WMS for the subject Client ID (208481) as of June 25, 2025.

Approve	Deny	Signatures	Date
X		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	June 26, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	July 1, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0005
Latitude	41° 46' 28.89"	Longitude	-78° 46' 33.66"
Quad Name	Westline	Quad Code	0415
Wastewater Description:	Sewage Effluent		
Receiving Waters	Kinzua Creek (CWF)	Stream Code	16051
NHD Com ID	112375523	RMI	15.4300
Drainage Area	0.0	Yield (cfs/mi ²)	--
Q ₇₋₁₀ Flow (cfs)	0.0	Q ₇₋₁₀ Basis	USGS - StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	16-B	Chapter 93 Class.	CWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	-		
Source(s) of Impairment	-		
TMDL Status	-		Name -
Background/Ambient Data		Data Source	
pH (SU)	-	-	
Temperature (°F)	-	-	
Hardness (mg/L)	-	-	
Other:	-	-	
Nearest Downstream Public Water Supply Intake		Aqua Pa at Emlenton, PA	
PWS Waters	Allegheny River	Flow at Intake (cfs)	1376 cfs
PWS RMI	90.57	Distance from Outfall (mi)	125.18

Changes Since Last Permit Issuance: None

Other Comments:

This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for coverage under the PAG-04 General Permit due to the use of a Kistner septic tank, dosing tank, and sand filter.

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.

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
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD ₅	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 – after disinfection

Other Comments: Effluent limits were retained from the last permit cycle. Flow is monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for BOD₅, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47

Attachment 1
eMapPA – Receiving Stream Location and Data

Map eFacts Query Advanced Query Filter Plant Source Search

ESRI Streets & Imagery Topographic National Geographic Streets Imagery

Latitude: 41.775278 Longitude: -78.773333

Designated Use Streams (1 of 3)

Designated Use Gen ID: 16051
GNIS Name: Kinzua Creek
GNIS ID: 01209733
ReachCode: 05010001000023
COMID: 112375587
Length Miles: 0.333
Map Symbology: CWF
Length Miles: 0.333
Designated Use: 1
DES Use ID: 1
Use Description: CWF(COLD WATER FISHES)
Migratory_Fish: N
HUC: 05010001
Basin: N
Basin Narrative: Null
Segment Narrative: Null
Evaluation Date: Null

Zoom to

Locate Latitude and Longitude

Decimal Degrees DD/MM/SS

Latitude: 41 46 31

Longitude: -78 46 24

Locate Close

0 100 200ft

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Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Attachment 2
Google Earth – Aerial Site View

