

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0222038
APS ID 1060010
Authorization ID 1390454

Applicant, Facility and Project Information

Applicant Name	<u>Kenny Boylan</u>	Facility Name	<u>Kenny Boylan SRSTP</u>
Applicant Address	<u>3111 Trails End Lane</u> <u>Sigel, PA 15860-5719</u>	Facility Address	<u>3111 Trails End Lane</u> <u>Sigel, PA 15860-5719</u>
Applicant Contact	<u>Kenny Boylan</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 954-8752</u>	Facility Phone	<u></u>
Client ID	<u>362828</u>	Site ID	<u>523147</u>
SIC Code	<u>8800</u>	Municipality	<u>Barnett Township</u>
SIC Description	<u>Private Households</u>	County	<u>Jefferson</u>
Date Application Received	<u>March 29, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>This is a renewal application for a Single Residence Sewage Treatment Plant (SRSTP) which serves an existing dwelling.</u>		

Summary of Review

This is a renewal application for an existing facility that serves an existing 3-bedroom residence.

Act 14 – Notifications were submitted and received.

Treatment of this facility consists of (WQM Permit No. 3396401): 1,000 gallon dual compartment septic tank, 500 gallon dosing tank, and 600 square foot sand filter with chlorine disinfection.

There are NO open violations in WMS for the subject Client ID (362828) as of 2/20/24.

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		Dustin Hargenrater Dustin Hargenrater / Civil Engineer Trainee	February 20, 2024
		<i>Vacant</i> / Environmental Engineer Manager	Okay to Draft JCD 2/26/2024

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 18' 49.02"</u>	Longitude	<u>-79° 7' 55.01"</u>
Quad Name	<u>Cooksburg</u>	Quad Code	<u>41079C2</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Cathers Run (HQ-CWF)</u>	Stream Code	<u>49846</u>
NHD Com ID	<u>102668481</u>	RMI	<u>0</u>
Drainage Area	<u>0.0527</u>	Yield (cfs/mi ²)	<u>.0379</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.002</u>	Q ₇₋₁₀ Basis	<u>USGS – StreamStats</u>
Elevation (ft)	<u>1,566</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>17-B</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°F)	<u>60</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>PA American Water Company - Clarion</u>		
PWS Waters	<u>Clarion River</u>	Flow at Intake (cfs)	<u>90.7</u>
PWS RMI	<u>90.7</u>	Distance from Outfall (mi)	<u>21.03</u>

Changes Since Last Permit Issuance: No changes since last permit issuance.

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the discharge being to HQ or EV Waters.

In accordance with the SOP, no water quality modeling was performed since this is an SRSTP.

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	Daily Maximum	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	1/month	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	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	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology based on Chapter 93.7.

Attachment 1
eMap – Location and Receiving Stream Data

The screenshot displays a web-based mapping application interface. At the top, there are navigation tabs: "Map", "eFacts Query", "Advanced Query", and "Filter Plant Source Search". Below these are map style options: "ESRI Streets & Imagery" (selected), "Topographic", and "National Geographic". A toolbar contains various map controls like zoom in/out, pan, and home. A "Locate Latitude and Longitude" dialog box is open in the top right, showing coordinates in DD/MM/SS format: Latitude 41 18 49.02 and Longitude -79 7 55.01. The main map area shows a topographic view with a stream highlighted in green. A popup window titled "PA Historic Streams (1 of 7)" is open over the stream, displaying the following data:

Name:	Trib 49846 To Cathers Run
Net Streams:	100504
Shed:	17B
Named:	0
Rec No:	100504
Seg ID:	49846_0_0.462
Seg ID Old:	49846_0_0.462
From Node:	38442
To Node:	38676
Down River Mile:	0
Up River Mile:	0.46196
WRDS:	49846
Strahler:	1

The popup also includes a "Zoom to" link. The map includes a scale bar (0 to 0.2 miles) and an "esri" logo in the bottom right corner. At the bottom of the page, there is a source attribution for the imagery.

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 – Site Imagery

