

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0054313
APS ID 1129591
Authorization ID 1513642

Applicant, Facility and Project Information

Applicant Name <u>Sherry Stangil & Ryan Kostishion</u>	Facility Name <u>Stangil & Kostishion SFSTP</u>
Applicant Address <u>3176 Walnut Street, P O Box 512</u> <u>Springtown, PA 18081-0512</u>	Facility Address <u>3176 Walnut Street</u> <u>Springtown, PA 18081</u>
Applicant Contact <u>Sherry & Ryan Stangil & Kostishion</u>	Facility Contact <u>Sherry Stangil</u>
Applicant Phone <u>(610) 346-9372</u>	Facility Phone <u>(610) 346-9372</u>
Client ID <u>348655</u>	Site ID <u>236862</u>
SIC Code <u>4952</u>	Municipality <u>Springfield Township</u>
SIC Description <u>Trans. & Utilities - Sewerage Systems</u>	County <u>Bucks</u>
Date Application Received <u>January 7, 2025</u>	WQM Required <u></u>
Date Application Accepted <u></u>	WQM App. No. <u>0991415 T-4</u>
Project Description <u>Renewal of NPDES Permit to discharge treated sewage.</u>	

Summary of Review

Applicant requests renewal of an NPDES permit to discharge 800 gallons per day (gpd) of treated sewage from small flow sewage treatment plant serving two housing units to an unnamed tributary to Cooks Creek.

This is an existing discharge into an exceptional value designated (EV Stream) waters. The existing permit limits, which are achievable, are protective of water quality, and therefore will continue in the renewal. The discharge is generally in compliance with existing permit limits. The treatment plant consists of Cromoglass Model CA-15 package plant, free access sand filter and chlorine tank.

The following are the effluent limits:

Parameter	Average Monthly Limits (mg/l)
CBOD5 (05-01 to 10-31)	10
CBOD5 (11-01 to 04-31)	20
Total Suspended Solids	10
Ammonia as N (05-01 to 10-31)	3.0
Ammonia as N (11-01 to 04-31)	9.0
Total Residual Chlorine	Monitor/Report
Fecal Coliform	200 Colonies/100 ml as geometric average
Dissolved Oxygen	Minimum of 6.0 mg/l at all times
pH	Within limits of 6.0 – 9.0 SU at all times

This permit renewal includes both DMRs and AMRs.

Approve	Deny	Signatures	Date
X		<i>Ketan Thaker</i> Ketan Thaker / Project Manager	4/22/2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	04/22/2025

Summary of Review

Act -14 Notice to Springfield Township on December 31, 2024.
Act- 14 Notice to Bucks County Planning Commission on December 31, 2024.

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0008
Latitude	40° 32' 20.75"	Longitude	-75° 17' 3.67"
Quad Name		Quad Code	
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Cooks Creek (EV, MF)	Stream Code	
NHD Com ID	26040850	RMI	
Drainage Area		Yield (cfs/mi²)	
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	2-D	Chapter 93 Class.	EV, MF
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			
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

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 (GPD)	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/year	Grab
DO	XXX	XXX	6.0 Daily Min	XXX	XXX	XXX	1/year	Grab
TRC	XXX	XXX	XXX	Report	XXX	Report	1/month	Grab
CBOD5 Nov 1 - Apr 30	XXX	XXX	XXX	20.0	XXX	40	1/year	Grab
CBOD5 May 1 - Oct 31	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 Annl Avg	XXX	1000.0	1/year	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	9.0	XXX	18	1/year	Grab
Ammonia May 1 - Oct 31	XXX	XXX	XXX	3.0	XXX	6	1/year	Grab