

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0245101  
APS ID 1100720  
Authorization ID 1461454

**Applicant, Facility and Project Information**

Applicant Name	<u>Price Jeffery P</u>	Facility Name	<u>Price SRSTP</u>
Applicant Address	<u>709 Forest Grove Road</u> <u>Wycombe, PA 18980</u>	Facility Address	<u>709 Forest Grove Road</u> <u>Wycombe, PA 18980-0003</u>
Applicant Contact	<u>Jeffery Price</u>	Facility Contact	<u>Jeffery Price</u>
Applicant Phone	<u>(215) 598-3448</u>	Facility Phone	<u>(215) 598-3448</u>
Client ID	<u>64923</u>	Site ID	<u>237637</u>
SIC Code	<u>8811</u>	Municipality	<u>Buckingham Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Bucks</u>
Date Application Received	<u>November 1, 2023</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Renewal</u>		

**Summary of Review**

The PA Department of Environmental Protection had received a renewal NPDES applications for SRSTP from Mr. Price Jeffery on November 1, 2023. The facility is located at 709 Forest Grove Road, Wycombe, PA 18980.

This single residence generates 400 gallons of sewage per day to be treated by SFTF with a discharge to the banks of Mill Creek.

The proposed treatment plant consists of the following treatment units:

1. Primary treatment via a 1500-gallon two compartment septic tank with a 276-gallon lift pump tank and a Polylok effluent filter.
2. Effluent from the septic tank will flow by gravity to Ecoflo EC7-500-C-P biofilter.
3. Disinfection is provided by Salcor 3G UV Disinfection Unit.
4. The final discharge to the outfall will be pumped via 4-inch SCH40 pipe is used to discharge the treated wastewater to the banks of Mill Creek.

The design for this facility is not in compliance with DEP's Small Flow Treatment Facilities Manual (Technical Guidance Number 362-0300-002) because of the use of biofilter, therefore, this facility doesn't qualify for coverage under general permit (PAG04.) The NPDES permit was submitted for an individual permit.

The final permit is contingent on the permittee submitting analytical results as part of annual sampling for BOD, pH and TSS.

Act 14 Notices were submitted to the township and county.

Approve	Deny	Signatures	Date
x		<i>Vasantha</i> Vasantha Palakurti / Environmental Engineering Specialist	December 1, 2023
		Pravin C. Patel, P.E. / Environmental Engineer Manager	

**Summary of Review**

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.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 16' 56.53"</u>	Longitude	<u>-75° 1' 13.99"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Mill Creek (WWF, MF)</u>	Stream Code	<u>02596</u>
NHD Com ID	<u>25475666</u>	RMI	<u>0.1000</u>
Watershed No.	<u>2-F</u>	Chapter 93 Class.	<u>WWF, MF</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>		
TMDL Status	<u>Final</u>	Name	<u>Neshaminy Creek</u>

Changes Since Last Permit Issuance: No changes since last renewal

Compliance Sampling Location: At Outfall 001

The effluent limitations and monitoring requirements are derived from the Department's Standard Operating Procedure (SOP) for New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications (SOP No. BPNPSM-PMT-003).

TRC limits are not applicable for this facility since the facility will utilize UV disinfection. Per the SOP, it is not necessary to require UV intensity or transmittance monitoring in the permit for SRSTP with UV system.

The effluent discharge pH should remain above 6 and below 9 standard units per 25 Pa. Code § 95.2(1) and 40 CFR 133.102(c).

No Water Quality Modeling was conducted per SOP BPNPSM-PMT-003.

The draft permit will include the following Part C conditions:

- a. Small Flow Treatment Facility Maintenance, including measurement of the depth of septage and scum, 3-year septic tank pumping requirement, reporting requirement of a completed Annual Maintenance Form.
- b. Stormwater Prohibition
- c. Property Rights
- d. Proper Disposal of Solid

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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	1/year	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	200.0	XXX	1000.0	1/year	Grab