

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0266795  
APS ID 968545  
Authorization ID 1458834

**Applicant, Facility and Project Information**

Applicant Name	<u>Christopher P. Scott</u>	Facility Name	<u>Scott SRSTP</u>
Applicant Address	<u>914 Lime Valley Road</u> <u>Willow Street, PA 17584</u>	Facility Address	<u>914 Lime Valley Road</u> <u>Willow Street, PA 17584</u>
Applicant Contact	<u>Christopher Scott</u>	Facility Contact	<u>Christopher Scott</u>
Applicant Phone	<u>(201) 456-9164</u>	Facility Phone	<u>(201) 456-9164</u>
Client ID	<u>343169</u>	Site ID	<u>829693</u>
SIC Code	<u>4952</u>	Municipality	<u>West Lampeter Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Lancaster</u>
Date Application Received	<u>October 19, 2023</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>October 23, 2023</u>	WQM App. No.	<u></u>
Project Description	<u>NPDES Renewal.</u>		

**Summary of Review**

Christopher P. Scott has applied to the Pennsylvania Department of Environmental Protection (DEP) for reissuance of his National Pollutant Discharge Elimination System (NPDES) permit. The existing permit was issued December 28, 2018 and became effective on January 1, 2019, authorizing discharge of treated sewage from this SRSTP into Pequea Creek. The existing permit expiration date was December 31, 2023, and the permit has been administratively extended since that time.

The effluent limitation 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). Since the facility will utilize ultraviolet (UV) disinfection, monitoring requirements for total residual chlorine is not applicable.

The facility will discharge less than 2,000 gpd and is exempt from Bay nutrient evaluations and requirements.

The effluent limits for this discharge have been developed to ensure that existing instream water uses and the level of water quality necessary to protect the existing uses are maintained and protected. This discharge is not expected to impact any High-Quality Waters. No Exceptional Value Waters are impacted by this discharge.

A TMDL for Pequea Creek was completed and approved on March 2, 2001 and revised on June 16, 2006 and August 18, 2006. The TMDL does not establish any WLAs for this facility. The SOP No. BPNPSM-PMT-003 states that if there are no WLAs present in the TMDL, then no further action needs to be taken. Therefore, no additional limits will be added to the permit.

Pumping records, sampling results, and maintenance records were submitted with the application. An inspection was conducted by PADEP on July 9, 2021. It was reported that the septic tank had little to no scum, and the effluent filter was clear. The clean out pipe to the outfall was free of deposits.

No changes will be made to the NPDES permit. There are no open violations for this Applicant.

Approve	Deny	Signatures	Date
X		Benjamin R. Lockwood Benjamin R. Lockwood / Environmental Engineering Specialist	May 23, 2024
X		Maria D. Bebenek for Daniel W. Martin, P.E. / Environmental Engineer Manager	June 11, 2024

**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>39° 57' 39.96"</u>	Longitude	<u>76° 14' 1.59"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Pequea Creek (WWF, MF)</u>	Stream Code	<u>7450</u>
NHD Com ID	<u>57465995</u>	RMI	<u>17.4</u>
Drainage Area	<u>83.6 mi<sup>2</sup></u>	Yield (cfs/mi <sup>2</sup> )	<u>0.13</u>
Q <sub>7-10</sub> Flow (cfs)	<u>10.9</u>	Q <sub>7-10</sub> Basis	<u>USGS PA StreamStats</u>
Elevation (ft)	<u>289</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>7-K</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u>N/A</u>	Existing Use Qualifier	<u>N/A</u>
Exceptions to Use	<u>N/A</u>	Exceptions to Criteria	<u>N/A</u>
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	<u>Pathogens, Organic Enrichment, Siltation, Nutrients, Siltation, Habitat Alterations, Dissolved Oxygen</u>		
Source(s) of Impairment	<u>Source Unknown, Agriculture, Habitat Modification – Other Than Hydromodification, Agriculture, Agriculture, Habitat Modification – Other Than Hydromodification, Agriculture</u>		
TMDL Status	<u>Final</u>	Name	<u>Pequea Creek</u>
Nearest Downstream Public Water Supply Intake	<u>Exelon Generation Peach Bottom Nuclear Power Plant</u>		
PWS Waters	<u>Susquehanna River</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u>3.59</u>	Distance from Outfall (mi)	<u>28.6</u>

Changes Since Last Permit Issuance: None

Other Comments: None

**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 (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
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

Other Comments: None