

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0272841
APS ID 923604
Authorization ID 1280790

Applicant, Facility and Project Information

Applicant Name	<u>Shaun R. Black</u>	Facility Name	<u>Shaun R. Black SRSTP</u>
Applicant Address	<u>1948 Bagdad Road</u> <u>Waterford, PA 16441-9146</u>	Facility Address	<u>1948 Bagdad Road</u> <u>Waterford, PA 16441-9146</u>
Applicant Contact	<u>Shaun Black</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 591-6959</u>	Facility Phone	<u></u>
Client ID	<u>330652</u>	Site ID	<u>777704</u>
SIC Code	<u>8800</u>	Municipality	<u>Waterford Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>July 17, 2019</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>July 23, 2019</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of a NPDES Permit for an existing discharge from a Single Residence Sewage Treatment Plant (SRSTP).</u>		

Summary of Review

This Single Residence Sewage Treatment Plant (SRSTP) does not qualify for a general permit since the discharge is to a high quality-designated stream

Existing treatment consists of septic tank with effluent filter, dosing tank with submersible pump, recirculating subsurface sand filter, and UV disinfection. WQM Permit No. 2514402 T-1.

No evidence was provided with the application that the septic tank was pumped in the last 5 years. The system has only been operational for less than 5 years, so it may not have been necessary to pump it yet.

The permittee is believed to be in compliance with the Department's rules and regulations.

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		Adam Pesek Adam J. Pesek, E.I.T. / Environmental Engineering Specialist	May 4, 2020
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	June 8, 2020

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>41° 57' 35.32"</u>	Longitude	<u>-80° 3' 17.16"</u>
Quad Name	<u>Cambridge Springs NE</u>	Quad Code	<u>0305</u>
Wastewater Description: <u>Treated domestic sewage</u>			

Receiving Waters	<u>Unnamed Tributary to Trout Run (HQ-CWF)</u>	Stream Code	<u>53500</u>
NHD Com ID	<u>127344919</u>	RMI	<u>0.55</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u>1380</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>16-A</u>	Chapter 93 Class.	<u>High Quality Waters - Cold Water Fishes</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 (°C)	<u>20</u>	Default (CWF)	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>

Nearest Downstream Public Water Supply Intake	<u>Cambridge Springs Borough</u>		
PWS Waters	<u>French Creek</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u>48.35</u>	Distance from Outfall (mi)	<u>27</u>

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	1/month	Grab
CBOD5	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)