pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0255076**
Wastewater Type	**Sewage**	APS ID	**1024376**
Facility Type	**SRSTP**	Authorization ID	**1328953**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Richard Cowley**	Facility Name	**Richard Cowley SRSTP**
Applicant Address	1347 Springs Road	Facility Address	1347 Springs Road
	Springs, PA 15562-2308		Springs, PA 15562-2308
Applicant Contact	Richard Cowley	Facility Contact	Same as Applicant
Applicant Phone	(814) 662-6093	Facility Phone	Same as Applicant
Client ID	320138	Site ID	789273
SIC Code	8811	Municipality	Elk Lick Township
SIC Description	Services - Private Households	County	Somerset
Date Application Received	September 25, 2020	WQM Required	N/A
Date Application Accepted	October 1, 2020	WQM App. No.	

Project Description: Application for Renewal of an NPDES Permit

Summary of Review

The permittee has applied for a renewal of NPDES Permit No. PA0255076. NPDES Permit No. PA0255076 was previously issued by the PA Department of Environmental Protection (DEP) on June 21, 2016 and expires on June 30, 2021.

The existing SRSTP consists of a pretreatment tank, a Norweco aerobic unit, a Norweco Biofilm Reactor, and Salgor 3G UV disinfection.

The applicant does not use eDMR and current policy does not require eDMR to be used for SRSTPs

Per current policy, effluent limitations and monitoring requirements listed on page 4 of this Fact Sheet, at a minimum, will be established for individual SRSTP permit renewals. The limitations 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.

Ultraviolet (UV) disinfection is used therefore Total Residual Chlorine (TRC) limits are not applicable. Current policy does not require SRSTPs to monitor for UV Intensity.

Sewage discharges with design flows < 2,000 gpd do not require monitoring for Total Nitrogen and Total Phosphorus in new and reissued permits.

Technology-based effluent limits for pH will be imposed based upon State Regulation 95.2(1)

Approve	Deny	Signatures	Date
X		Stephanie Conrad / Environmental Engineering Specialist	April 14, 2021
		Donald J. Leone, 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.	001	Design Flow (MGD)	.0004
Latitude	39º 44' 39.87"	Longitude	-79º 8' 29.83"
Quad Name		Quad Code	
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Tub Mill Run (CWF)	Stream Code	39319
NHD Com ID	69922961	RMI	2.1
Drainage Area	1.05	Yield (cfs/mi^2)	0.0122
Q_{7-10} Flow (cfs)	0.0128	Q_{7-10} Basis	USGS Stream Stats
Elevation (ft)		Slope (ft/ft)	
Watershed No.	19-F	Chapter 93 Class.	CWF
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	Indiana Creek Valley Water Authority		
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

Changes Since Last Permit Issuance:

Other Comments:

Compliance History	
Summary of DMRs:	
Summary of Inspections:	

Other Comments: A compliance check was requested on April 14, 2021 and the results are pending.

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.

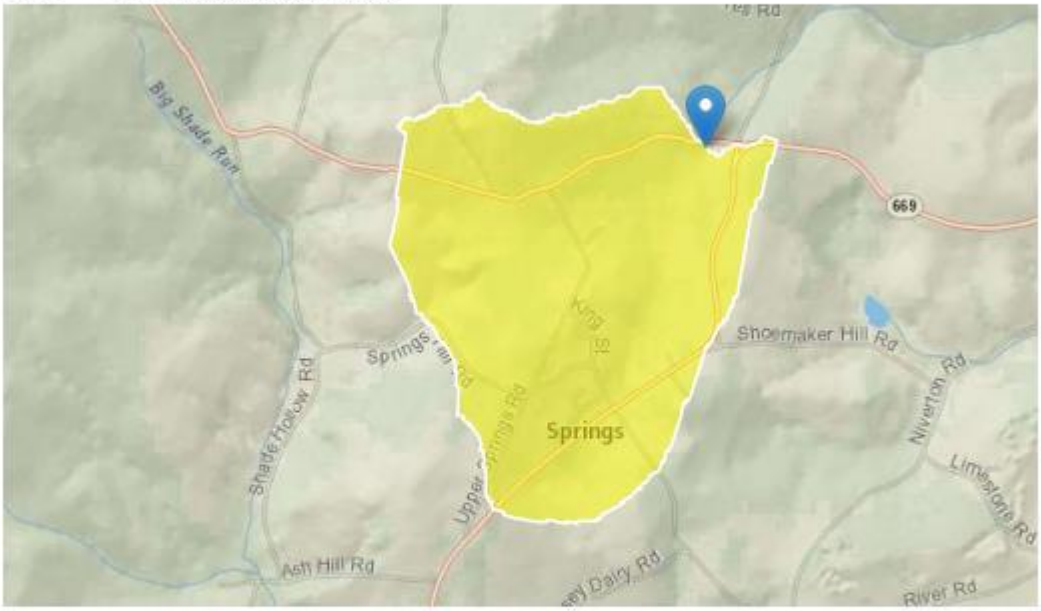
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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 (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
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	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall #001

StreamStats Report

Region ID: PA
Workspace ID: PA20210409184457701000
Clicked Point (Latitude, Longitude): 39.74473, -79.14388
Time: 2021-04-09 14:45:14 -0400



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	1.05	square miles
ELEV	Mean Basin Elevation	2390	feet

Low-Flow Statistics Parameters [Low Flow Region 4]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.05	square miles	2.26	1400
ELEV	Mean Basin Elevation	2390	feet	1050	2580

Low-Flow Statistics Disclaimers [Low Flow Region 4]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors

Low-Flow Statistics Flow Report [Low Flow Region 4]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0527	ft^3/s
30 Day 2 Year Low Flow	0.106	ft^3/s
7 Day 10 Year Low Flow	0.0128	ft^3/s
30 Day 10 Year Low Flow	0.0292	ft^3/s
90 Day 10 Year Low Flow	0.0697	ft^3/s

Low-Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)