

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type Renewal
 Wastewater Type Sewage
 Facility Type SRSTP

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

Application No. PA0265799
 APS ID 1078591
 Authorization ID 1422737

Applicant, Facility and Project Information			
Applicant Name	<u>Randall Spence</u>	Facility Name	<u>Randall W Spence SRSTP</u>
Applicant Address	<u>1136 Bugtown Road</u> <u>Titusville, PA 16354</u>	Facility Address	<u>1136 Bugtown Road</u> <u>Titusville, PA 16354</u>
Applicant Contact	<u>Randall Spence</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 589-7640 (not in use)</u>	Facility Phone	<u></u>
E Mail Address	<u>Not reported</u>	E Mail Address	<u></u>
Client ID	<u>161096</u>	Site ID	<u>827157</u>
Municipality	<u>Southwest Township</u>	County	<u>Warren</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Date Application Received	<u>December 27, 2022</u>	WQM Required	<u>The present permit is adequate</u>
Date Application Accepted	<u>January 19, 2023</u>	WQM App. No.	<u>6218403</u>
Project Description	<u>NPDES renewal for single residence sewage treatment plant</u>		

Summary of Review
<p>Renewal submitted late with no other listed violations <i>There are no open violations in WMS for Client ID 161096 as of 6/8/2023. CWY</i></p> <p>This is in a high-quality cold-water fishery with natural trout reproduction.</p> <p>Installed on March 1, 2019. Sludge removal anticipated.</p> <p><u>Public Participation</u></p> <p>DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the <i>Pennsylvania Bulletin</i> in accordance with 25 Pa. Code § 92a.82. Upon publication in the <i>Pennsylvania Bulletin</i>, 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 <i>Pennsylvania Bulletin</i> at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.</p>

Discharge and Stream Data – 2 - Receiving Waters and PWS

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Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude DP	<u>41° 37' 53.48"</u>	Longitude DP	<u>-79° 35' 23.27"</u>
Latitude	<u>41° 37' 46.96"</u>	Longitude	<u>-79° 35' 29.14"</u>
Latitude NHD	<u>41° 37' 45.13"</u>	Longitude NHD	<u>-79° 35' 26.6"</u>
Quad Name	<u>Grand Valley</u>	Quad Code	<u>0509</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed tributary to Pine Creek</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>100472675</u>	RMI	<u>0.01 above tributary 54297</u>
Drainage Area	<u>0.01</u>	Yield (cfs/mi ²)	<u>0.05</u>
Q ₇₋₁₀ Flow (cfs)	<u>1.56 Stream Stats; 1.48 Knapp Creek</u>	Q ₇₋₁₀ Basis	<u>perennial</u>
Elevation (ft)	<u>1232.08</u>	Slope (ft/ft)	<u>0.00883</u>
Watershed No.	<u>16E</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
<u>The discharge is to a dry drainage swale RMI 0.18 with 4.0-acre drainage and 1244.0 feet Elevation. The PaF&BC lists the receiving waters for natural trout reproduction.</u>			
<u>The Pine Creek stream code is 54221</u>			
Assessment Status	<u>Attaining Use(s)</u>		
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	<u>Aqua Pa Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1250</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>120</u>

Changes Since Last Permit Issuance: NA

Other Comments:

The Allegheny River stream flow is the minimum release upstream in Franklin. No downstream water supply impacts are expected.

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 Daily Min	XXX	9.0 Daily Max	XXX	1/month	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection