

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0293997
APS ID 1082494
Authorization ID 1429789

Applicant, Facility and Project Information

Applicant Name	<u>Ryan Miller</u>	Facility Name	<u>Ryan Miller Residence</u>
Applicant Address	<u>278 Dreibelbis Station Road</u> <u>Lenhartsville, PA 19534-9310</u>	Facility Address	<u>278 Dreibelbis Station Road</u> <u>Lenhartsville, PA 19534-9310</u>
Applicant Contact	<u>Ryan Miller</u> <u>(610) 301-5643/</u> <u>RYAN@LMPLUMBINGPA.COM</u>	Facility Contact	<u>Ryan Miller</u>
Applicant Phone	<u>RYAN@LMPLUMBINGPA.COM</u>	Facility Phone	<u>(610) 301-5643</u>
Client ID	<u>375773</u>	Site ID	<u>863214</u>
SIC Code	<u>8811</u>	Municipality	<u>Greenwich Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Berks</u>
Date Application Received	<u>March 1, 2023</u> <u>(OnBase ref. ID# 92327)</u>	WQM Required	<u>Will be issued simultaneously</u>
Date Application Accepted	<u>March 10, 2023</u>	WQM App. No.	<u>0623402</u>
Project Description	<u>New system – to replace holding tank</u>		

Summary of Review

Per application: lot is 0.5 acres, 2-bedroom home

DEP Planning Approval: A3-06933-227-3S, dated May 18, 2022

Proposed treatment : septic tank(s) + Premiere Tech EC7-500CDiUV Unit (Coco Filter) followed by UV disinfection

Not eligible for DEP's general permit PAG-04.

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		<i>Bonnie Boylan</i> Bonnie Boylan / Environmental Engineering Specialist	April 18, 2023
x		Maria D. Bebenek for Daniel W. Martin Daniel W. Martin, P.E. / Environmental Engineer Manager	May 26, 2023

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>40° 33' 38.24" pre-populated</u>	Longitude	<u>-75° 52' 57.55" pre-pop'd</u>
Quad Name	<u>40° 33' 40" per application</u>	Quad Code	<u>-75° 52' 59.4" per appl.</u>
Wastewater Description:	<u>Sewage Effluent</u>		
Receiving Waters	<u>Maiden Creek (TSF, MF)</u>	Stream Code	<u>1985</u>
NHD Com ID	<u>25975590</u>	RMI	<u>13.9</u>
Drainage Area	<u>Reach 02040203000147</u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u>345-350' approx</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-B</u>	Chapter 93 Class.	<u>TSF, MF</u>
Existing Use	<u>Same as designated use*</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Pathogens</u>		
Source(s) of Impairment	<u>Source Unknown</u>		
TMDL Status	<u>None</u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>		<u></u>
Temperature (°F)	<u></u>		<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u></u>	Reading Area Water Authority	<u></u>
PWS Waters	<u>Maiden Creek</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u>3.1</u>	Distance from Outfall (mi)	<u>13.3 miles approx..</u>

*no different 'existing use' per eMapPA or Existing Use list posted online, DEP website

Other Comments:

"According to the application, FEMA Mapping shows the property is in a Special Flood Hazard Area.

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 as needed and BPJ. Instantaneous Maximum (IMAX) limits are generally 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	Instant. Minimum	Annual Average	Average Monthly	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH	XXX	XXX	6.0	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: at outfall 001