

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0221881
APS ID 1087457
Authorization ID 1437633

Applicant, Facility and Project Information

Applicant Name	<u>Mountain Laurel Rentals LLC</u>	Facility Name	<u>Willadell Road Apartments</u>
Applicant Address	<u>228 Bend Hill Road</u> <u>Fredonia, PA 16124-1902</u>	Facility Address	<u>113 Willadell Drive</u> <u>Transfer, PA 16154</u>
Applicant Contact	<u>Ryan Miller</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 456-4833</u>	Facility Phone	<u></u>
Applicant Email	<u>rmiller@sasdpride.org</u>		
Client ID	<u>376971</u>	Site ID	<u>544559</u>
SIC Code	<u>6513</u>	Municipality	<u>Delaware Township</u>
SIC Description	<u>Fin, Ins & Real Est - Apartment Building Operators</u>	County	<u>Mercer</u>
Date Application Received	<u>November 3, 2021</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>December 28, 2022</u>	WQM App. No.	<u>4395408 T-2</u>
Project Description	<u>Renewal NPDES Permit for a Small Flow Treatment Facility (SFTF).</u>		

Summary of Review

Renewal Permit for a SFTF consists of: three 1,000-gallon septic tanks, chemical feed pump (alum), 500-gallon dosing tank, 3,000 sq. ft. subsurface sand filter, tablet chlorinator, and 1,000-gallon contact tank that serves an 8-unit apartment.

Act 14 – Proof of Notification was submitted and received.

There are no open violations in WMS for Client ID 376971 as of 4/28/2023. CWY

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

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		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer Trainee	April 28, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	04/28/2023

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>.002</u>
Latitude	<u>41° 17' 58"</u>	Longitude	<u>-80° 23' 1"</u>
Quad Name	<u>Sharpsville</u>	Quad Code	<u>0802</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Shenango River (WWF)</u>	Stream Code	<u>35482</u>
NHD Com ID	<u>130034412</u>	RMI	<u>41.95</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u>985</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u>---</u>	Existing Use Qualifier	<u>---</u>
Exceptions to Use	<u>---</u>	Exceptions to Criteria	<u>---</u>
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	<u>---</u>		
Source(s) of Impairment	<u>---</u>		
TMDL Status	<u>---</u>	Name	<u>---</u>
Background/Ambient Data			
pH (SU)	<u>7</u>	Data Source	<u>Default</u>
Temperature (°F)	<u>25</u>	Data Source	<u>Default</u>
Hardness (mg/L)	<u>100</u>	Data Source	<u>Default</u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Sharpsville Municipal Authority</u>		
PWS Waters	<u>Shenango River</u>	Flow at Intake (cfs)	<u>94.3</u>
PWS RMI	<u>33.2</u>	Distance from Outfall (mi)	<u></u>

Changes Since Last Permit Issuance: None.

Other Comments: Over the last permit cycle, NO DMRs or AMRs were taken.
Tanks pumped in 2018 and 2021.

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	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.2	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200.0 Geo Mean	XXX	1,000	1/month	Grab

Compliance Sampling Location: Outfall 001, after Disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for Total Suspended Solids are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Outfall Location - eMap with Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application. The interface includes a header with the Pennsylvania Department of Environmental Protection logo and navigation links. On the left, a legend panel is visible, detailing various stream types and boundaries. The main map area shows aerial imagery with a stream highlighted in cyan. A popup window titled "Designated Use Streams (1 of 4)" provides detailed information for a specific stream segment.

Designated Use Streams (1 of 4)

- Designated Use Gen ID: 25641
- GNIS Name: Shenango River
- GNIS ID: 01046180
- ReachCode: 05030102014774
- COMID: 130034412
- Length Miles: 0.716
- Map Symbolology: WWF
- Length Miles: 0.716
- Designated Use: 12
- DES Use ID: 8
- Use Description: WWF(WARM WATER FISHES)
- Migratory_Fish: N
- HUC: 05030102
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- Zoom to

Locate Latitude and Longitude

Decimal Degrees DD/MM/SS
 Latitude: Degrees: 41, Minutes: 17, Seconds: 58
 Longitude: -80, 23, 1
 [Locate] [Close]

Map: eFacts Query | Advanced Query | Filter Plant Source Search

Map Style: ESRI Streets & Imagery Topographic National Geographic

Map Tools: [Home] [Previous View] [Next View] [Full Screen] [Print] [Info] [Layers]

Scale: 0 300 600ft

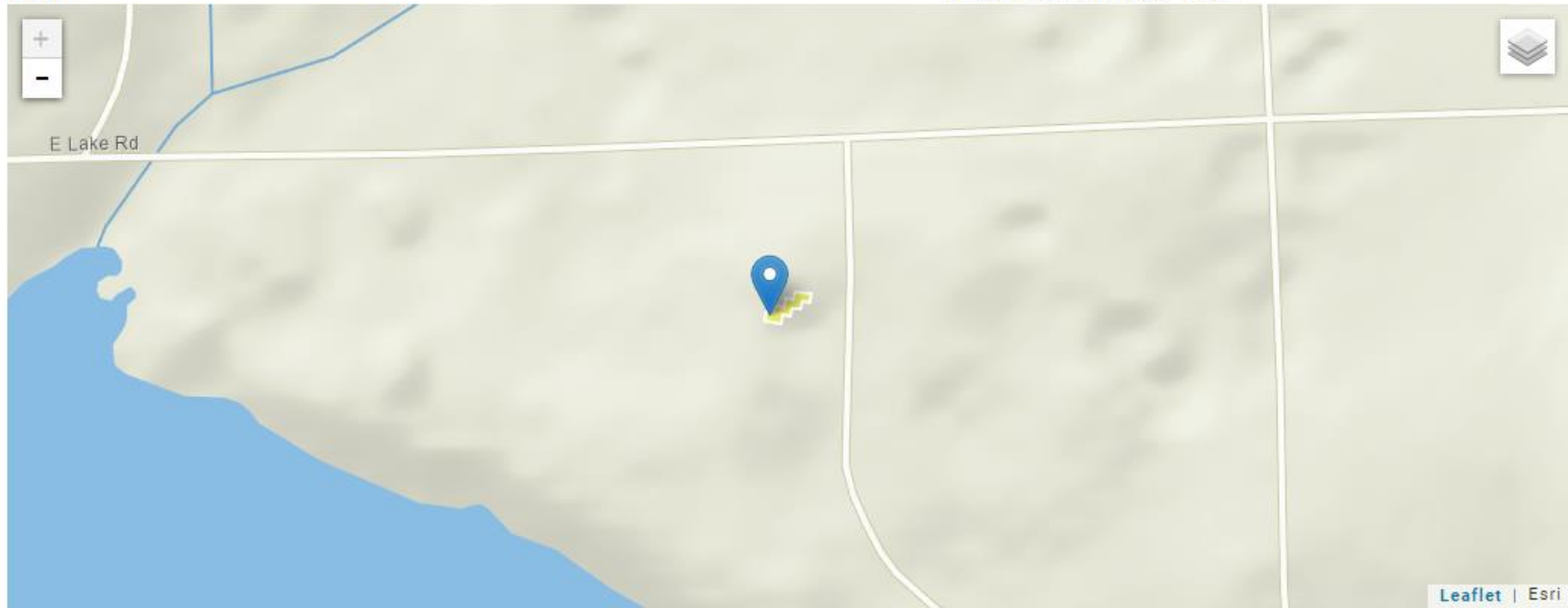
POWERED BY **esri**

Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

Region ID: PA
Workspace ID: PA20221228201937248000
Clicked Point (Latitude, Longitude): 41.29943, -80.38361
Time: 2022-12-28 15:20:59 -0500



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.000309	square miles