

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0221627
APS ID 1052267
Authorization ID 1377234

Applicant, Facility and Project Information

Applicant Name	<u>Tammy J Ferringer</u>	Facility Name	<u>Stone Ridge Park MHP</u>
Applicant Address	<u>49 Silverbrook Lane</u> <u>Mercer, PA 16137-6349</u>	Facility Address	<u>7473 Sharon Mercer Road Lot 12</u> <u>Mercer, PA 16137-6509</u>
Applicant Contact	<u>Tammy Ferringer</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 701-6700</u>	Facility Phone	<u></u>
Client ID	<u>333563</u>	Site ID	<u>450870</u>
SIC Code	<u>6515</u>	Municipality	<u>Lackawannock Township</u>
SIC Description	<u>Fin, Ins & Real Est - Mobile Home Site Operators</u>	County	<u>Mercer</u>
Date Application Received	<u>November 24, 2021</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of an NPDES Permit for an existing discharge of treated sewage from a mobile home park..</u>		

Summary of Review

This is an existing discharge for a mobile home park.

Act 14 – Proof of Notification was submitted and received.

Proposed treatment will consist of (WQM Permit No. 4395401 T-2): 1,500-gallon septic tank, diversion chamber, (2) 1,200-gallon aeration tanks, dosing tank, (2) 26 ft. by 26 ft. sand filters, tablet chlorinator, and a 560-gallon chlorine contact tank..

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (333563) as of 2/27/2024.

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		Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	February 27, 2024
		(Vacant) / Environmental Engineer Manager	Okay to Draft JCD 2/29/2024

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° 14' 8.24"</u>	Longitude	<u>-80° 19' 53.05"</u>
Quad Name	<u>Greenfield</u>	Quad Code	<u>41080B3</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Little Neshannock Creek (TSF)</u>	Stream Code	<u>35593</u>
NHD Com ID	<u>130026608</u>	RMI	<u></u>
Drainage Area	<u>0.13</u>	Yield (cfs/mi ²)	<u>0.01</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.013</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>1294</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>TSF</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 (°F)	<u>20</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Beaver Falls Municipal Authority</u>		
PWS Waters	<u>Beaver River</u>	Flow at Intake (cfs)	<u>561</u>
PWS RMI	<u>3.5</u>	Distance from Outfall (mi)	<u>>25</u>

Changes Since Last Permit Issuance: None.

Other Comments: None.

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 (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.38	XXX	0.89	1/month	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50	1/month	Grab
TSS	XXX	XXX	XXX	30.0	XXX	60	1/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	XXX	1/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	8.4	XXX	16.8	1/month	Grab
Ammonia May 1 - Oct 31	XXX	XXX	XXX	2.8	XXX	5.6	1/month	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for CBOD₅ and Total Suspended Solids are BPJ limits based on the Small Flow Treatment Facilities Manual. Fecal Coliform is technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7. TRC is carried over from the previous permit.

Attachment 1
eMap – Location Map

The screenshot displays an eMap interface with the following components:

- Map Navigation:** Includes a toolbar with zoom, pan, and home buttons, and a layer selection menu with options for 'ESRI Streets & Imagery', 'Topographic', and 'National Geographic'. A 'Streets' and 'Imagery' sub-menu is also visible.
- Locate Latitude and Longitude Dialog:** A dialog box in the top right corner allows for coordinate entry. It is set to 'DD/MM/SS' format. The fields are filled with Latitude: 41 14 6 and Longitude: -80 19 59. 'Locate' and 'Close' buttons are present.
- PA Historic Streams (1 of 4) Popup:** A popup window on the right side of the map provides the following details:
 - Name:** Trib 35593 To Little Neshannock Creek
 - Net Streams:** 117289
 - Shed:** 20A
 - Named:** 0
 - Rec No:** 117289
 - Seg ID:** 35593_0_0.7608
 - Seg ID Old:** 35593_0_0.7608
 - From Node:** 41472
 - To Node:** 41528
 - Down River Mile:** 0
 - Up River Mile:** 0.760843
 - WRDS:** 35593
 - Strahler:** 1A 'Zoom to' link is also provided.
- Map Content:** The map shows a stream network with a specific segment highlighted in orange. A yellow 'X' marker is placed on this segment, with the coordinates 'Latitude: 41.235 Longitude: -80.333056' displayed next to it. The map includes labels for roads (e.g., W Market St, S Ben Rd, Zahniser Rd, Kirkland Dr) and townships (Jefferson Twp, Lankawannock Twp). A scale bar at the bottom left indicates 0, 0.1, and 0.2 miles. The Esri logo is in the bottom right corner.

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

Attachment 2
Google Earth Imagery

