

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0271748
APS ID 1096297
Authorization ID 1453860

Applicant, Facility and Project Information

Applicant Name	<u>Fredrick & Kathleen Lindsey</u>	Facility Name	<u>Fredrick & Kathleen Lindsey SRSTP</u>
Applicant Address	<u>371 Butcher Knife Hill Road</u> <u>Pleasantville, PA 16341</u>	Facility Address	<u>371 Butcher Knife Hill Road</u> <u>Pleasantville, PA 16341</u>
Applicant Contact	<u>Kathleen Lindsey</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 589-0014</u>	Facility Phone	<u></u>
Client ID	<u>349602</u>	Site ID	<u>831107</u>
SIC Code	<u>8800</u>	Municipality	<u>Harmony Township</u>
SIC Description	<u>Private Households</u>	County	<u>Forest</u>
Date Application Received	<u>August 29, 2023</u>	WQM Required	<u>Yes – Permit Received</u>
Date Application Accepted	<u></u>	WQM App. No.	<u>2718402</u>
Project Description	<u>This is a renewal application for a Single Residence Sewage Treatment Plant (SRSTP).</u>		

Summary of Review

This is an existing discharge which serves an existing 3-bedroom home.

Act 14 – Notification was submitted and received.

Treatment of this facility consists of (WQM Permit No. 2718402): A Jet J500 aerobic unit, tablet chlorinator, and a 1,000-gallon chlorine contact tank with an effluent pump in the second compartment.

There are no open violations in WMS for the subject Client ID (349602) as of 9/14/2023.

An AMR has been submitted with this application. The inspector noted that the effluent filter needs cleaned badly which reflected on the testing data showing a reading of 114 mg/L for Total Suspended Solids.

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		Dustin Hargenrater Dustin Hargenrater / Civil Engineer Trainee	September 14, 2023
		Vacant / Environmental Engineer Manager	Okay to Draft JCD 1/22/2024

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>.0004</u>
Latitude	<u>41° 36' 30.29"</u>	Longitude	<u>-79° 29' 46.78"</u>
Quad Name	<u>West Hickory</u>	Quad Code	<u>41079E4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Pithole Creek (CWF)</u>	Stream Code	<u>54745</u>
NHD Com ID	<u>100473079</u>	RMI	<u>0.6200</u>
Drainage Area	<u>0.99</u>	Yield (cfs/mi ²)	<u>0.041</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0407</u>	Q ₇₋₁₀ Basis	<u>USGS - StreamStats</u>
Elevation (ft)	<u>1,574</u>	Slope (ft/ft)	<u>--</u>
Watershed No.	<u>16-E</u>	Chapter 93 Class.	<u>CWF</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>68</u>	Default	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Aqua Pennsylvania Inc. - Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1,376</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u>68.2</u>

Changes Since Last Permit Issuance: No changes since last permit issuance.

Other Comments: The inspector reported that this facility is functioning as designed. He did note that the effluent filter will need pulled and cleaned. He also reported that the tanks will need pumped in 2023/2024 due to the tanks being pretty full of solids.

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.

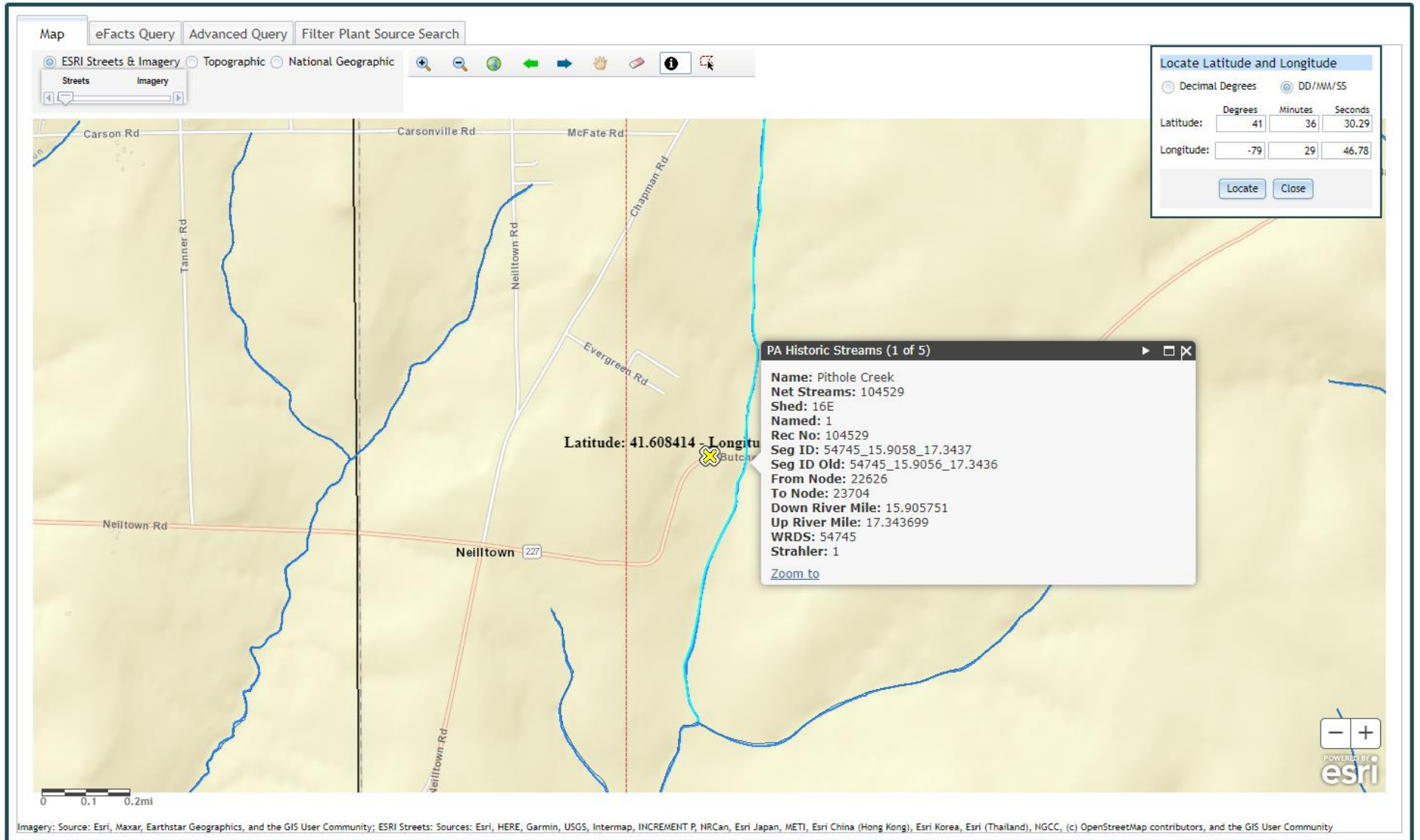
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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 Inst Min	XXX	XXX	9.0	Upon Request	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMap – Location and Receiving Stream Data



Attachment 2
Google Earth – Site Imagery

