



Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. **PA0210005**  
APS ID **1137318**  
Authorization ID **1527167**

**Applicant, Facility and Project Information**

Applicant Name	<u>Thomas Bunk M</u>	Facility Name	<u>Thomas M Bunk SRSTP</u>
Applicant Address	608 Sharon Bedford Road	Facility Address	608 Sharon Bedford Road
Applicant Contact	West Middlesex, PA 16159-2326	Facility Contact	West Middlesex, PA 16159-2326
Applicant Phone	Thomas Bunk	Facility Phone	Thomas Bunk
Client ID	256298	Site ID	457554
SIC Code	4952,8811	Municipality	Shenango Township
SIC Description	Services - Private Households,Trans. & Utilities - Sewerage Systems	County	Mercer
Date Application Received	<u>May 5, 2025</u>	WQM Required	Previously issued - 4391406
Date Application Accepted	<u>May 19, 2025</u>	WQM App. No.	
Project Description	Renewal for a Single residence sewage treatment plant.		

**Summary of Review**

The permittee is applying for reissuance of Individual Permit **PA0210005** that would expire on February 28, 2025. This is a discharge into stream channel - Unnamed Tributary to Little Deer Creek. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

Yearly AMRs have been submitted and appears to be operating as designed.

There are no open violations in WMS for the subject Client ID (256298) as of May 19, 2025.

**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		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	May 19, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	June 6, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41° 9' 49.00"	Longitude	-80° 31' 10.00"
Quad Name	Sharon West	Quad Code	0901
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Little Deer Creek	Stream Code	64901
NHD Com ID	130033945	RMI	0.95
Drainage Area	0.32	Yield (cfs/mi <sup>2</sup> )	
Q <sub>7-10</sub> Flow (cfs)	0	Q <sub>7-10</sub> Basis	USGS Stream Stats
Elevation (ft)	1051.67	Slope (ft/ft)	---
Watershed No.	20-A	Chapter 93 Class.	WWF
Existing Use		Existing Use Qualifier	
Exceptions to Use	none	Exceptions to Criteria	none
Assessment Status	Not Assessed		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status	Name _____		
Background/Ambient Data	Data Source		
pH (SU)	7	Default	
Temperature (°F)	25	Default - WWF	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake			
PWS Waters	Unnamed tributary	Flow at Intake (cfs)	
PWS RMI	0.69	Distance from Outfall (mi)	0.26

Changes Since Last Permit Issuance: N/A

Other Comments: The discharge is east of the Ohio state line and is conveyed through an unnamed tributary to Little Deer Creek.

**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.

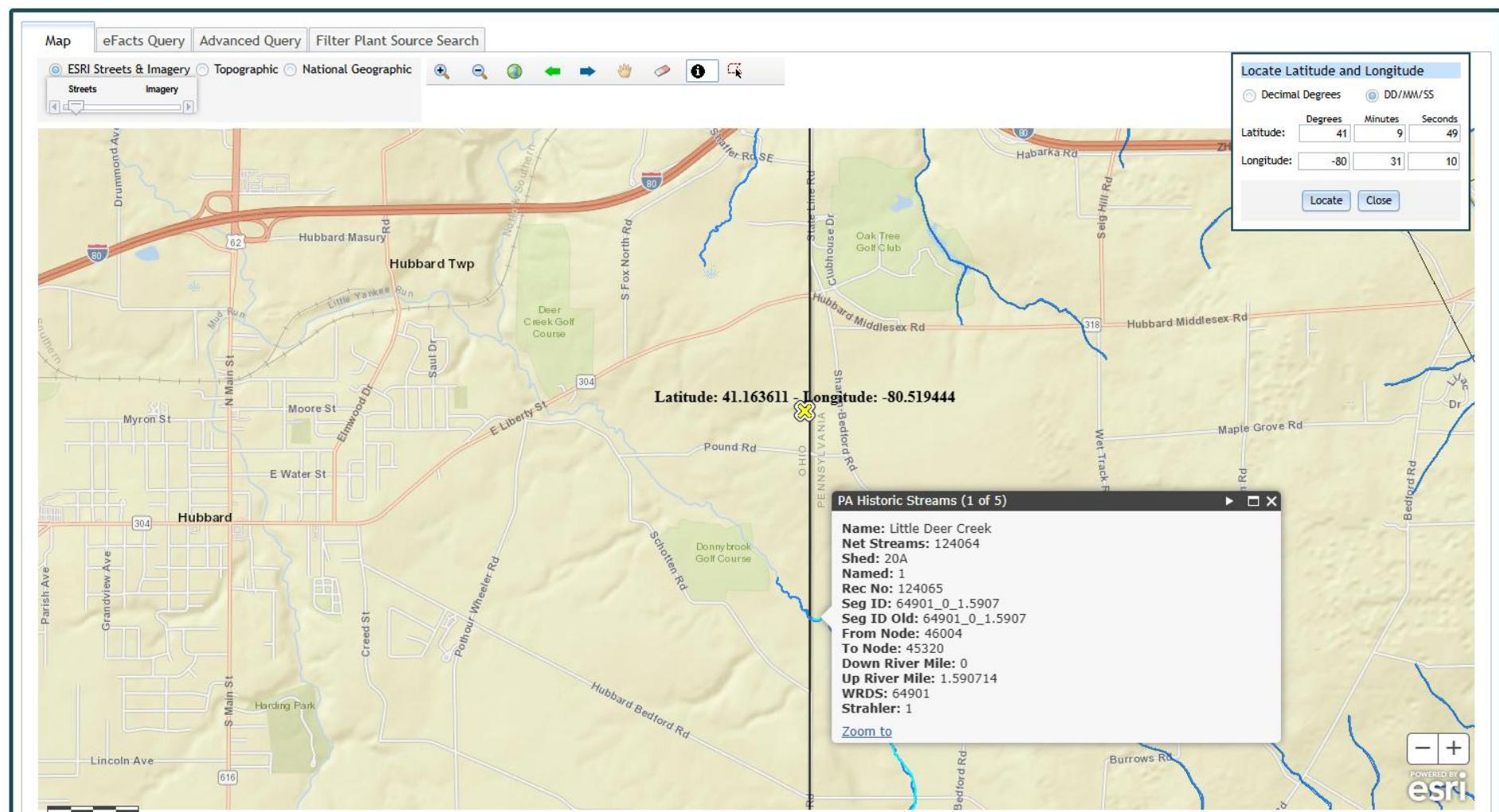
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	XXX	1/year
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0	XXX	Upon Request	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50.0	1/year	Grab
TSS	XXX	XXX	XXX	30.0	XXX	60.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001 – after disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for CBOD5, Total Suspended Solids are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." Fecal Coliform are technology-based on Chapter 92a.47.

Attachment 1  
eMAP- Receiving Streams Information



**Attachment 2**  
**Google Earth – site imagery**

