

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

### 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/mi²)	
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.

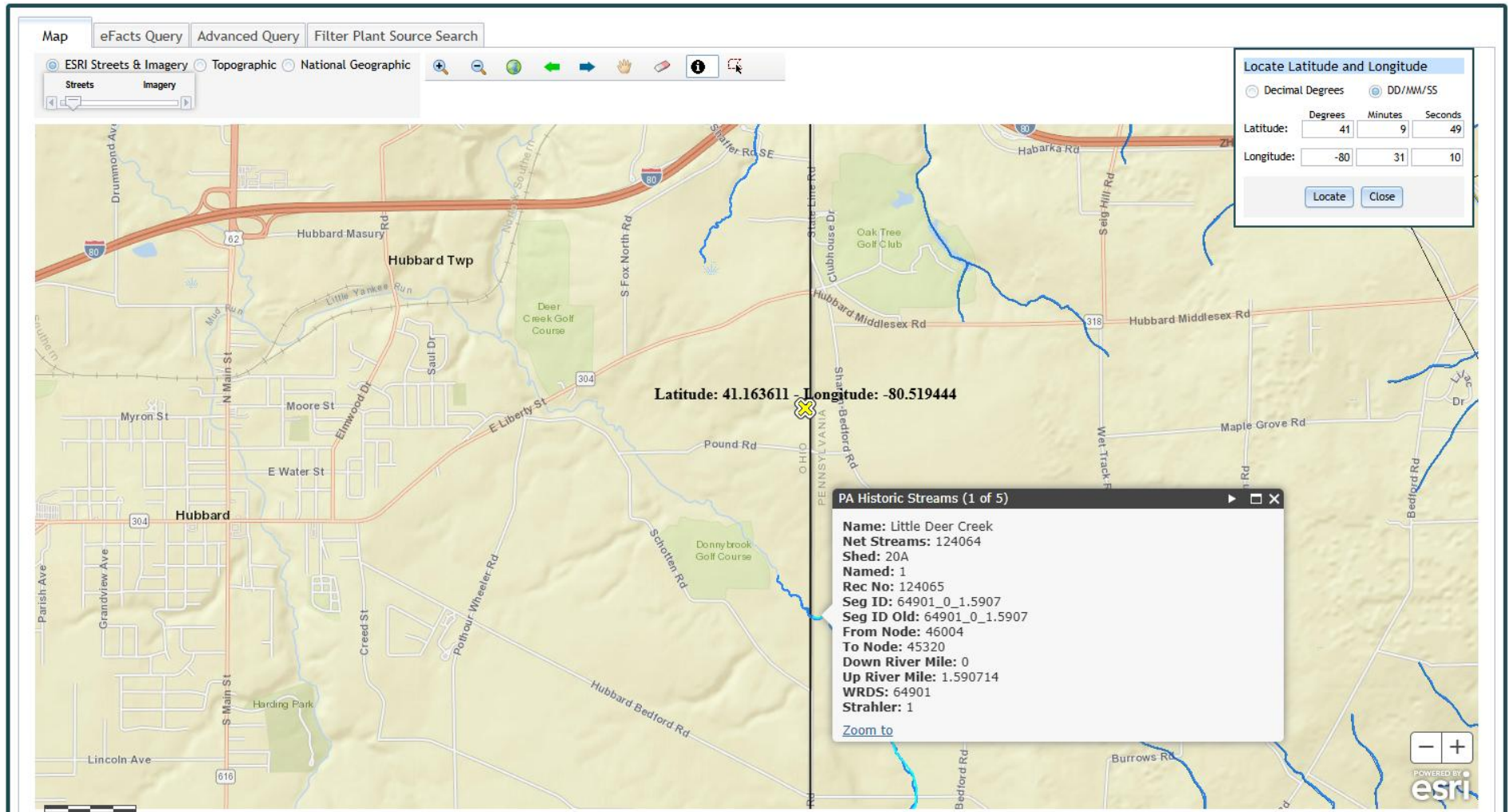
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	1/year	Estimate
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

