

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0289124  
APS ID 1143476  
Authorization ID 1537511

### Applicant, Facility and Project Information

<p>Applicant Name <u>Daniel Cook &amp; Georgia Schumacher</u></p> <p>Applicant Address <u>112 Lilac Lane</u> <u>Valencia, PA 16059-2214</u></p> <p>Applicant Contact <u>Daniel Cook</u></p> <p>Applicant Phone <u>(304) 299-1492</u></p> <p>Client ID <u>387629</u></p> <p>SIC Code <u>4952,8800</u> <u>Private Households, Trans. &amp; Utilities -</u> <u>Sewerage Systems</u></p> <p>SIC Description <u>Private Households, Trans. &amp; Utilities -</u> <u>Sewerage Systems</u></p> <p>Date Application Received <u>August 16, 2025</u></p> <p>Date Application Accepted _____</p> <p>Project Description <u>Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u></p>	<p>Facility Name <u>Daniel Cook &amp; Georgia Schumacher</u> <u>SRSTP</u></p> <p>Facility Address <u>112 Lilac Lane</u> <u>Valencia, PA 16059-2214</u></p> <p>Facility Contact <u>Daniel Cook</u></p> <p>Facility Phone <u>(304) 299-1492</u></p> <p>Site ID <u>846099</u></p> <p>Municipality <u>Middlesex Township</u></p> <p>County <u>Butler</u></p> <p>WQM Required <u>Previously issued - 1021402</u></p> <p>WQM App. No. <u>---</u></p>
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### Summary of Review

The permittee is applying for reissuance of Individual Permit No. PA0289124 that is set to expire on May 3, 2026. The existing discharge serves a single home and discharges into Tributary 63673 to Glade Run.

The existing facility consists of (WQM Permit No. 1021402): 1,000-gallon dual chamber septic tank with an effluent filter and Premier Tech EC7-C-P Coco Filter with integral pump and DiUV disinfection unit.

Act 14 notifications were submitted and received.

No AMRs were located.

There are no open violations in WMS for the subject Client ID (387629) as of August 28, 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		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	August 28, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	August 28, 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	40° 40' 38.35"	Longitude	-79° 57' 30.71"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Glade Run (WWF)	Stream Code	63673
NHD Com ID	126222541	RMI	0.1400
Drainage Area	0.0354	Yield (cfs/mi²)	0
Q <sub>7-10</sub> Flow (cfs)	0.0	Q <sub>7-10</sub> Basis	USGS - StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	20-C	Chapter 93 Class.	WWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	-		
Source(s) of Impairment	-		
TMDL Status	-	Name	-
Background/Ambient Data		Data Source	
pH (SU)	-		-
Temperature (°F)	-		-
Hardness (mg/L)	-		-
Other:	-		-
Nearest Downstream Public Water Supply Intake	-		
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

Changes Since Last Permit Issuance: None

Other Comments: In accordance with the SOP, no water quality modeling was performed since this is a SRSTP. This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for coverage under the PAG-04 General Permit due to the use of Premier Tech EC7-C-P model.

**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.

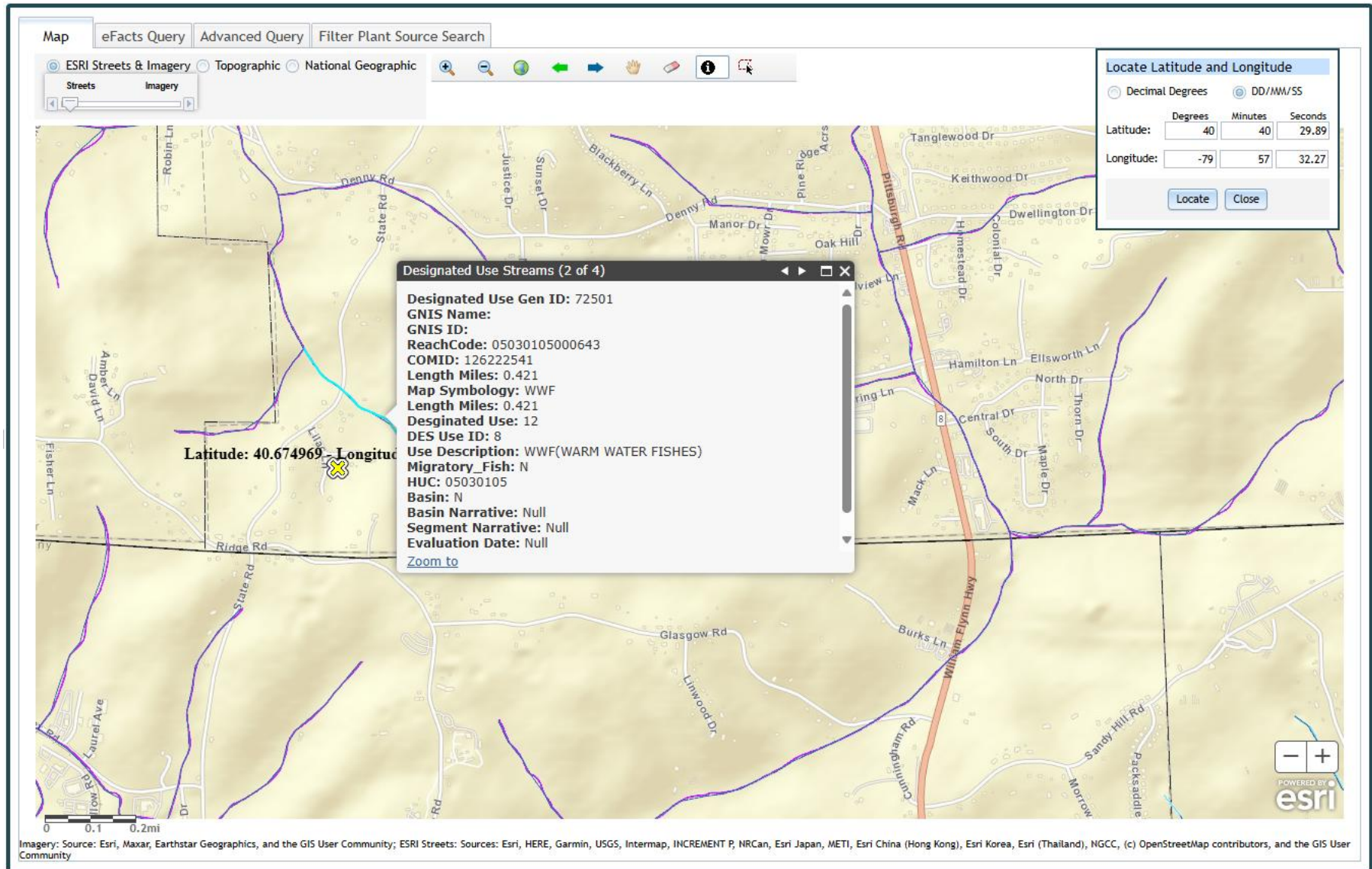
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	Maximum	Instant. Maximum		
Flow (GPD)	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
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	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: Effluent limits were retained from the previous permit cycle. Flow is monitor only based on Chapter 92a.61. The limits for BOD<sub>5</sub>, 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**  
**eMapPA – Receiving Stream Designated Use**





Attachment 2  
Google Earth – Aerial Site View

