

Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0296121  
APS ID 1136263  
Authorization ID 1525101

### Applicant, Facility and Project Information

Applicant Name <u>Darwin Burtner</u>	Facility Name <u>Darwin Burtner SRSTP</u>
Applicant Address <u>126 Hidden Trail Lane</u> <u>East Brady, PA 16028-1028</u>	Facility Address <u>809 Clearfield Road</u> <u>Fenelton, PA 16034-9521</u>
Applicant Contact <u>Darwin Burtner</u>	Facility Contact _____
Applicant Phone <u>(724) 316-8972</u>	Facility Phone _____
Client ID <u>392451</u>	Site ID <u>878131</u>
SIC Code <u>8800</u>	Municipality <u>Clearfield Township</u>
SIC Description <u>Private Households</u>	County <u>Butler</u>
Date Application Received <u>April 14, 2025</u>	WQM Required <u>Yes – Application received</u>
Date Application Accepted <u>May 12, 2025</u>	WQM App. No. <u>1025403</u>
Project Description <u>Installation of a 400GPD single residence treatment plant to serve an existing three-bedroom dwelling.</u>	

### Summary of Review

This is a new discharge which will serve an existing three-bedroom dwelling. The discharge channel is Trib 42748 to little Buffalo Run which is a High Quality (HQ) watershed. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The proposed system consists of (WQM Permit No. 1025403): An NSF approved Premier Tech ECP-450-P-P-PACK coco filter with an integrated septic tank, DiUV unit and pump preinstalled by the manufacturer. There are no open violations in WMS for the subject Client ID (392451) as of May 12, 2025.

Act 537 planning approval letter issued on April 7, 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 12, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	May 29, 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° 52' 11.73"	Longitude	-79° 43' 37.11"
Quad Name	Worthington	Quad Code	40079G6
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Little Buffalo Run (HQ-CWF)	Stream Code	42748
NHD Com ID	123973717	RMI	0.1100
Drainage Area	0.38	Yield (cfs/mi <sup>2</sup> )	0.0066
Q <sub>7-10</sub> Flow (cfs)	0.00252	Q <sub>7-10</sub> Basis	USGS Stream Stats
Elevation (ft)	1070	Slope (ft/ft)	
Watershed No.	18-F	Chapter 93 Class.	HQ-CWF
Existing Use	HQ-CWF	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)	7	Default	
Temperature (°F)	20	Default HQ-CWF	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	Harrison TWP Water Auth		
PWS Waters	Allegheny	Flow at Intake (cfs)	Unknown
PWS RMI	Unknown	Distance from Outfall (mi)	32.44

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP is designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the discharge into a High-Quality Watershed.

**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.

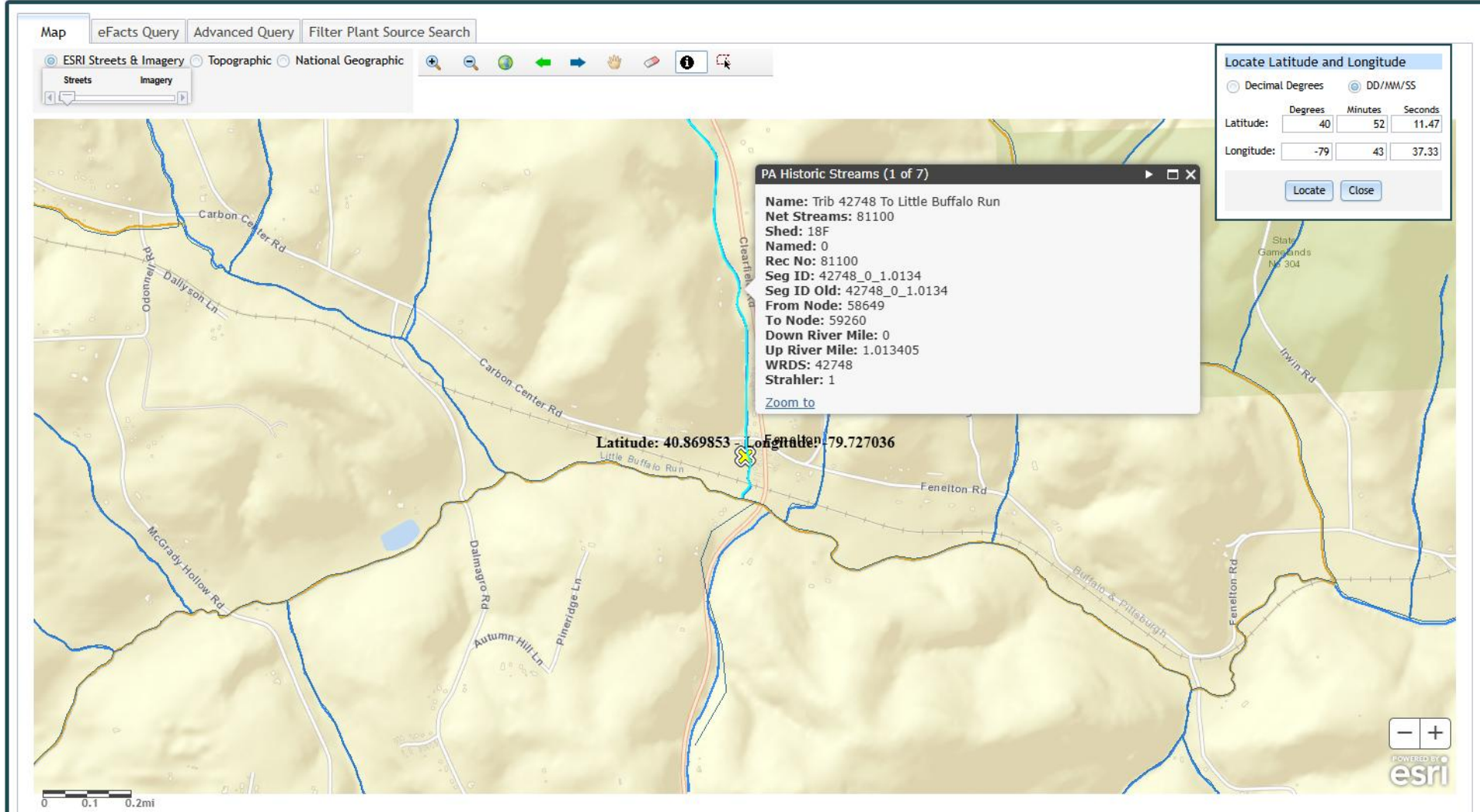
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	Daily Maximum	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	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0 Annl Avg	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

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 - Imagery

