

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

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	
Latitude	40° 52' 11.73"	
Quad Name	Worthington	
Wastewater Description:	Sewage Effluent	
Receiving Waters	Unnamed Tributary to Little Buffalo Run (HQ-CWF)	
NHD Com ID	123973717	
Drainage Area	0.38	
Q ₇₋₁₀ Flow (cfs)	0.00252	
Elevation (ft)	1070	
Watershed No.	18-F	
Existing Use	HQ-CWF	
Exceptions to Use		
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	Allegeny 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.

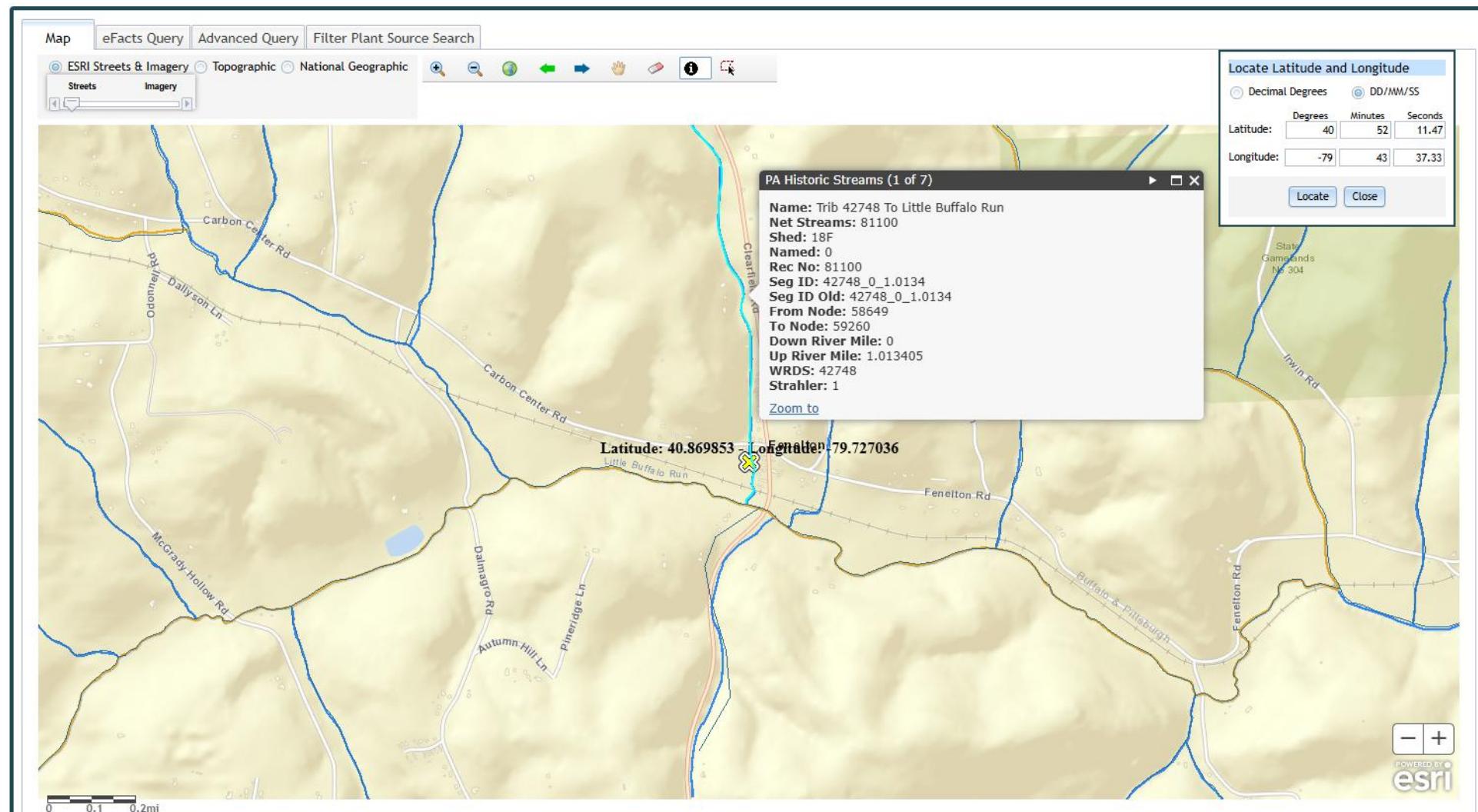
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ 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

