

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0238759  
APS ID 1101967  
Authorization ID 1469320

### Applicant, Facility and Project Information

Applicant Name <u>Joshua Hodgkins</u>	Facility Name <u>Joshua Hodgkins SRSTP</u>
Applicant Address <u>454 Keck Road</u>	Facility Address <u>454 Keck Road</u>
<u>Butler, PA 16002-1098</u>	<u>Butler, PA 16002</u>
Applicant Contact <u>Joshua Hodgkins</u>	Facility Contact _____
Applicant Phone <u>(412) 439-1531</u>	Facility Phone _____
Client ID <u>381321</u>	Site ID <u>554800</u>
SIC Code <u>4952,8811</u>	Municipality <u>Summit Township</u>
SIC Description <u>Services - Private Households, Trans. &amp; Utilities - Sewerage Systems</u>	County <u>Butler</u>
Date Application Received <u>January 5, 2024</u>	WQM Required <u>Yes – Transfer Application Received</u>
Date Application Accepted _____	WQM App. No. <u>1002408 T-1</u>
Project Description <u>This is an application to transfer NPDES Permit No. PA0238759 and WQM Permit No. 1002408 from Nancy Jane Osterling to Joshua Hodgkins.</u>	

### Summary of Review

The quantity and quality of the discharge will not change with the renewal and transfer of these permits.

Act 14 – Notifications have been submitted and received.

There are no open violations in WMS for the subject Client ID (381321) as of 8/6/24.

#### 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		Dustin Hargenrater Dustin Hargenrater / Civil Engineer (General)	August 1, 2024
		Vacant / Environmental Engineer Manager	Okay to Draft JCD 8/19/2024

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° 51' 41.75"	Longitude	-79° 47' 58.02"
Quad Name	Saxonburg	Quad Code	40079G7
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Bonnie Brook (WWF)	Stream Code	35164
NHD Com ID	126221587	RMI	0.4300
Drainage Area	0.83	Yield (cfs/mi²)	0.00808
Q <sub>7-10</sub> Flow (cfs)	0.00671	Q <sub>7-10</sub> Basis	USGS - StreamStats
Elevation (ft)	1,200	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)	7.0	Default	
Temperature (°F)	68	Default - WWF	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	Pennsylvania American Water Co. Ellwood City		
PWS Waters	Slippery Rock Creek	Flow at Intake (cfs)	54.1
PWS RMI	0.1	Distance from Outfall (mi)	46.4

Changes Since Last Permit Issuance: Change in ownership from Nancy Jane Osterling to Joshua Hodgkins.

Other Comments: This facility is not eligible for coverage under the PAG-04 General Permit due to the use of the Ecoflo ST-650 treatment system. The ST-650 treatment system features an open or perforated bottom on a fiberglass biofilter shell which is different from the approved STB-650PR system which has a watertight bottom and pumped discharge in a polyethylene biofilter shell.

Since this is an SRSTP, no modeling was performed to conform with the SOP for Individual NPDES Permits.

**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.

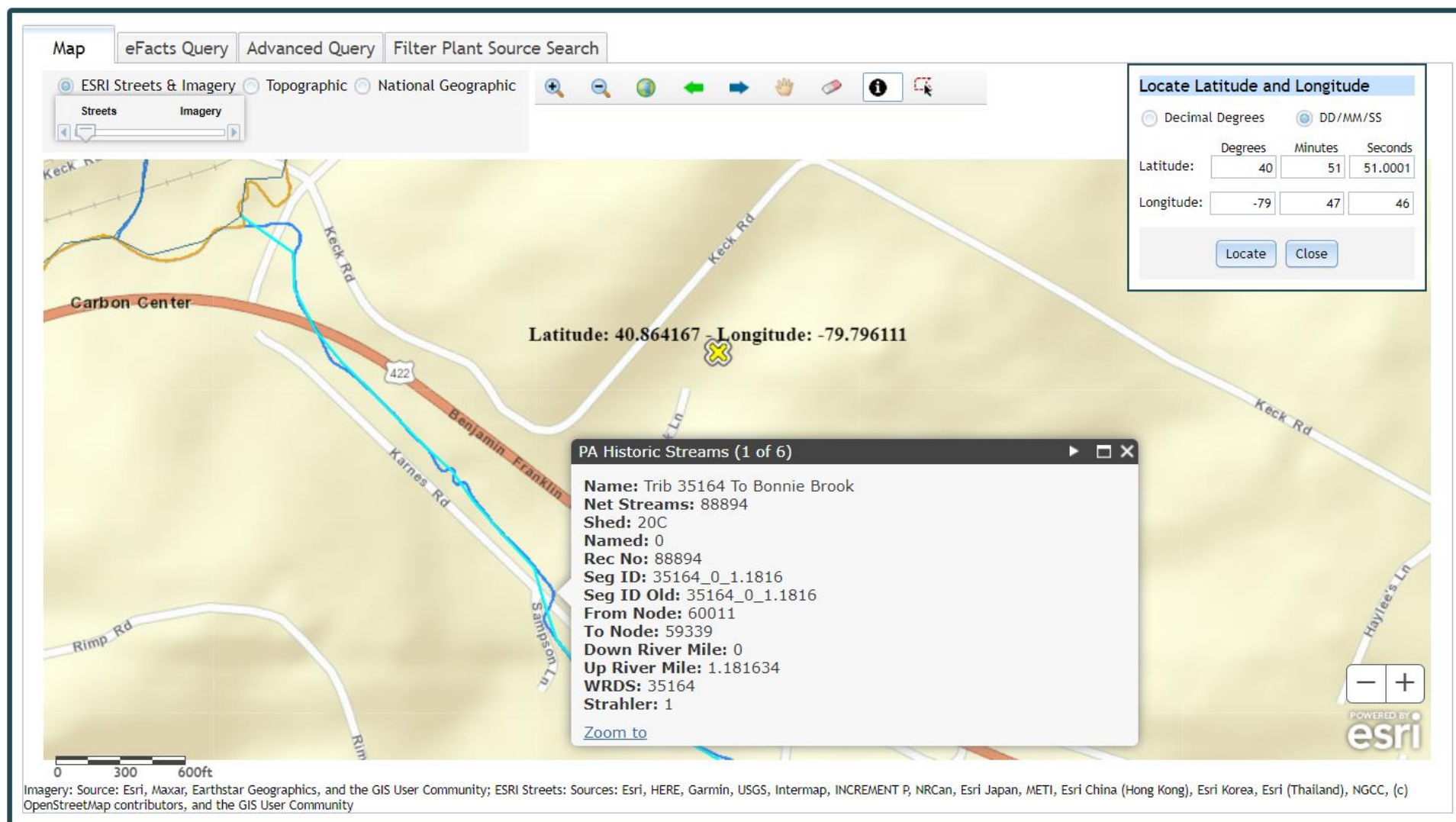
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	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: Flow is monitor only based on Chapter 92a.61. the limits for BOD5, 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  
eMap – Location and Receiving Stream Data



Attachment 2  
Google Earth – Site Imagery

