

Application Type Renewal  
 Wastewater Type Sewage  
 Facility Type SRSTP

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. **PA0288004**  
 APS ID **1115529**  
 Authorization ID **1488359**

**Applicant, Facility and Project Information**

Applicant Name	<u>David Bonant</u>	Facility Name	<u>David Bonant SRSTP</u>
Applicant Address	<u>693 Mushrush Road</u>	Facility Address	<u>693 Mushrush Road</u>
Applicant Contact	<u>Butler, PA 16002-0947</u>	Facility Contact	
Applicant Phone	<u>(412) 759-8727</u>	Facility Phone	
Client ID	<u>386419</u>	Site ID	<u>839710</u>
SIC Code	<u>8800</u>	Municipality	<u>Jefferson Township</u>
SIC Description	<u>Private Households</u>	County	<u>Butler</u>
Date Application Received	<u>May 22, 2024</u>	WQM Required	<u>N/A – Existing WQM to be Transferred</u>
Date Application Accepted	<u>June 24, 2024</u>	WQM App. No.	<u>1019408 T-1</u>
Project Description	<u>Single Residence Sewage Treatment Plant (SRSTP).</u>		

**Summary of Review**

This is an NPDES renewal and transfer for an existing discharge.

Existing treatment consists of (WQM 1019408 T-1): A 1,000-gallon dual compartment concrete septic tank and a Premier Tech EC7-500 concrete coco filter unit with an integrated DiUV unit and pump.

There are currently no open violations for this client (386419) as of 8/8/2024.

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		Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	August 8, 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° 48' 39.64"	Longitude	-79° 51' 24.60"
Quad Name	Saxonburg	Quad Code	40079G7
Wastewater Description:	Sewage Effluent		
Receiving Waters	Patterson Run (CWF)	Stream Code	35202
NHD Com ID	126221621	RMI	0.3300
Drainage Area	0.07	Yield (cfs/mi <sup>2</sup> )	0.1
Q <sub>7-10</sub> Flow (cfs)	0.007	Q <sub>7-10</sub> Basis	Default
Elevation (ft)		Slope (ft/ft)	---
Watershed No.	20-C	Chapter 93 Class.	CWF
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			
pH (SU)	7.0	Data Source	
Temperature (°F)	20	Default	
Hardness (mg/L)	100	Default	
Other:	---	---	
Nearest Downstream Public Water Supply Intake			
PWS Waters	Lake Erie (Chestnut and West)	Erie Water Works	
PWS RMI	N/A	Flow at Intake (cfs)	N/A
		Distance from Outfall (mi)	8.5

Changes Since Last Permit Issuance: None.

Other Comments: None.

**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.

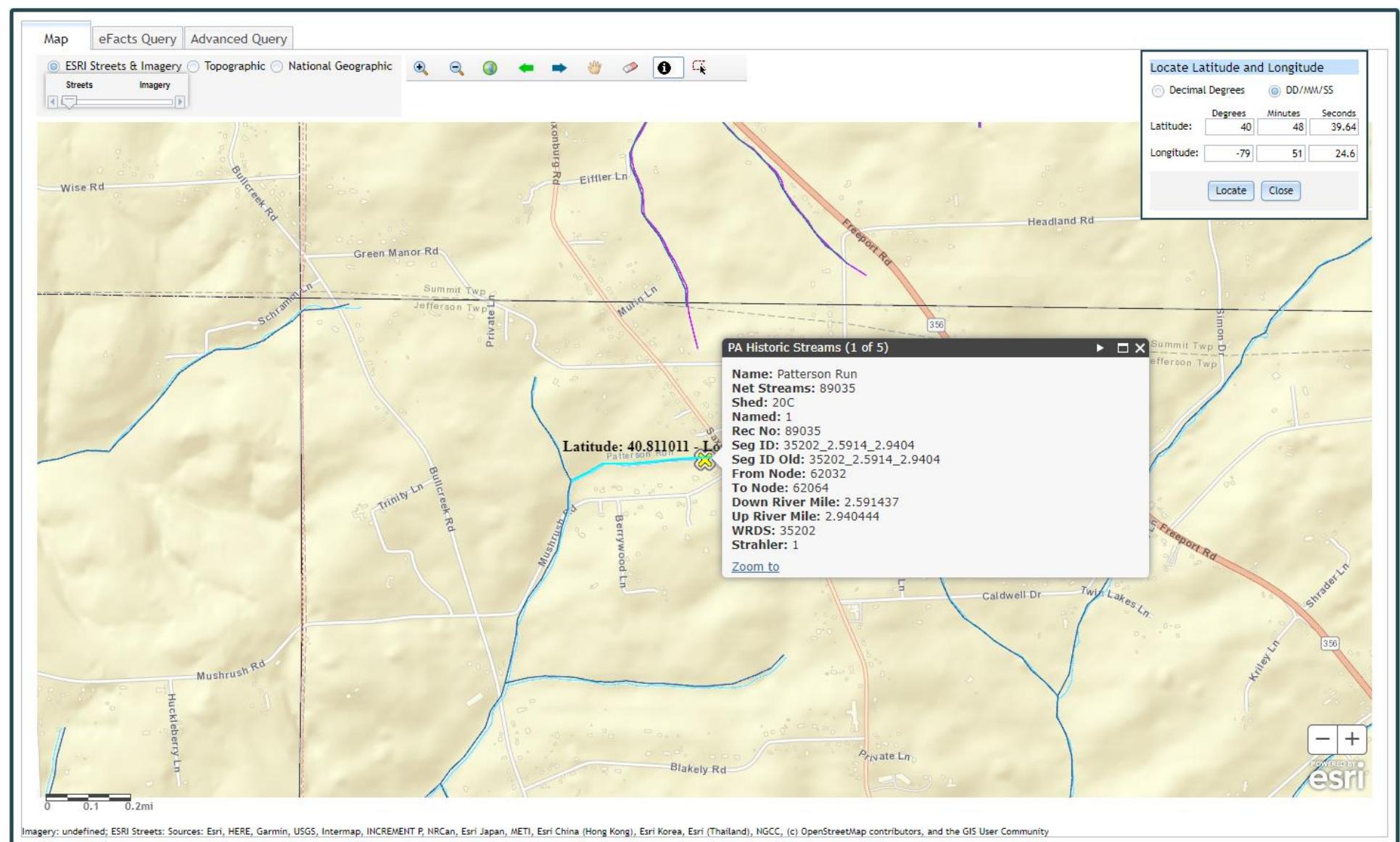
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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
BOD <sub>5</sub>	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 BOD<sub>5</sub> and Total Suspended Solids are BPJ limits based on the Small Flow Treatment Facilities Manual. Fecal Coliform is technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1  
eMap – Location Map



Attachment 2  
Google Earth Imagery

