

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0271462 A-1  
APS ID 1104637  
Authorization ID 1468936

**Applicant, Facility and Project Information**

Applicant Name	<u>Kolin Zacherl</u>	Facility Name	<u>Kolin Zacherl SRSTP</u>
Applicant Address	<u>12502 Route 208</u> <u>Shippenville, PA 16254-2022</u>	Facility Address	<u>12502 Route 208</u> <u>Shippenville, PA 16254-2022</u>
Applicant Contact	<u>Kolin Zacherl</u>	Facility Contact	<u></u>
Applicant Phone	<u></u>	Facility Phone	<u></u>
Client ID	<u>382059</u>	Site ID	<u>827639</u>
SIC Code	<u>8800</u>	Municipality	<u>Elk Township</u>
SIC Description	<u>Private Households</u>	County	<u>Clarion</u>
Date Application Received	<u>January 2, 2024</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u>1618403 T-1</u>
Project Description	<u>Single Residence Sewage Treatment Plant NPDES Renewal and Transfer.</u>		

**Summary of Review**

Existing treatment consists of (WQM Permit No. 1618403 T-1): A Premier Tech Aqua Ecoflo Coco Filter wastewater treatment system (EC7-600-P-G-Pack Coco filter unit) with an integrated 1,000-gallon septic tank and a "DiUV Classic Kit for Tank Integration" ultraviolet (UV) light disinfection unit.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (342389) as of 5/1/2024.

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	May 1, 2024
X		Jason Roessing Jason Roessing, P.E. / Environmental Engineer Manager	May 6, 2024

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 15' 25.56"</u>	Longitude	<u>-79° 27' 22.83"</u>
Quad Name	<u>Fryburg</u>	Quad Code	<u>41079C4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Paint Creek (CWF)</u>	Stream Code	<u>49426</u>
NHD Com ID	<u>102669879</u>	RMI	<u>0.9200</u>
Drainage Area	<u>0.15</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.1</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.015</u>	Q <sub>7-10</sub> Basis	<u>Default</u>
Elevation (ft)	<u>1373</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>17-B</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u>Final</u>	Name	<u>Deer Creek (Clarion)</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°F)	<u>20</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Parker City Water System</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1252</u>
PWS RMI	<u>83.5</u>	Distance from Outfall (mi)	<u>-</u>

Changes Since Last Permit Issuance: None

Other Comments: This facility does not qualify for a PAG-04 because it is a Coco Filter

**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.

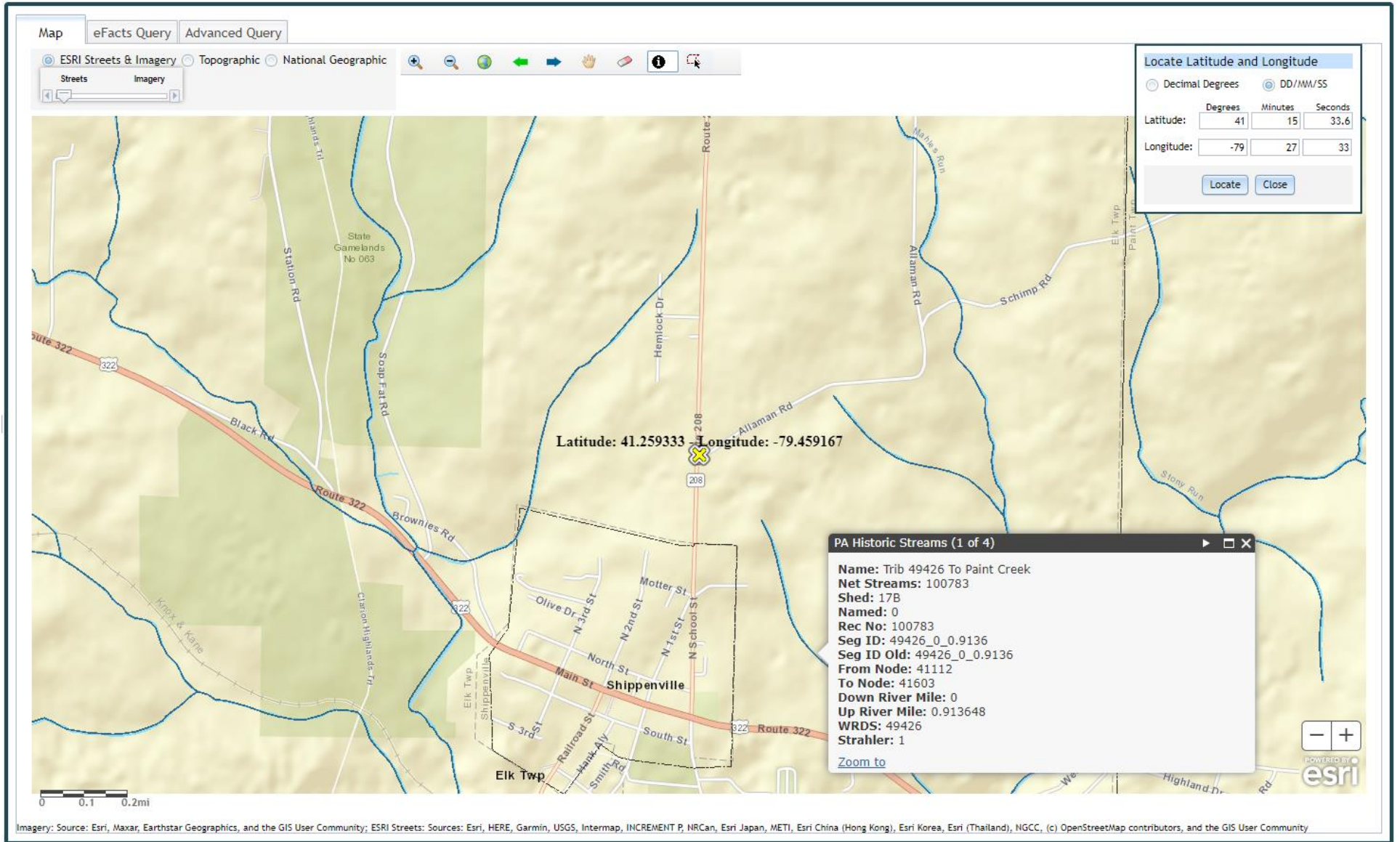
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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
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 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 and the monitoring frequency has been established as "upon request" due to CWF stream designation.

Attachment 1  
eMap – Location Map





Attachment 2  
Google Earth Imagery

