

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0265446  
APS ID 1086238  
Authorization ID 1435708

**Applicant, Facility and Project Information**

Applicant Name	<u>Laurie &amp; Michael Kelley</u>	Facility Name	<u>Laurie &amp; Michael Kelley SRSTP</u>
Applicant Address	<u>8892 Williams Road</u> <u>North East, PA 16428</u>	Facility Address	<u>8892 Williams Road</u> <u>North East, PA 16428</u>
Applicant Contact	<u>Laurie Kelley</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 944-7957</u>	Facility Phone	<u></u>
Client ID	<u>345486</u>	Site ID	<u>824991</u>
SIC Code	<u>8800</u>	Municipality	<u>Greenfield Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>March 27, 2023</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Single Residence Sewage Treatment Plant NPDES Renewal.</u>		

**Summary of Review**

Existing Treatment consists of: Norweco Singulair Model 960 Aerobic unit, Norweco Bio Film Reactor and a Salcor UV disinfection unit.

There are no open violations in WMS for the subject Client ID (345486) as of 8/18/2023. *CWY 10/2/2023*

Act 14 – Proof of Notification was submitted and received.

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 18, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	10/2/2023

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>42° 8' 14.57"</u>	Longitude	<u>-79° 52' 3.05"</u>
Quad Name	<u>North East</u>	Quad Code	<u>42079B7</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Twelvemile Creek (HQ-CWF, MF)</u>	Stream Code	<u>62301</u>
NHD Com ID	<u>123924638</u>	RMI	<u>0.8000</u>
Drainage Area	<u>0.11</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.1</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.01</u>	Q <sub>7-10</sub> Basis	<u>Default</u>
Elevation (ft)	<u>1459</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>HQ-CWF, MF</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></u>	Name	<u></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>Erie Water Works</u>		
PWS Waters	<u>Lake Erie (Chestnut and West)</u>	Flow at Intake (cfs)	<u>N/A</u>
PWS RMI	<u>N/A</u>	Distance from Outfall (mi)	<u>6.5</u>

Changes Since Last Permit Issuance: None.

Other Comments:

**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.

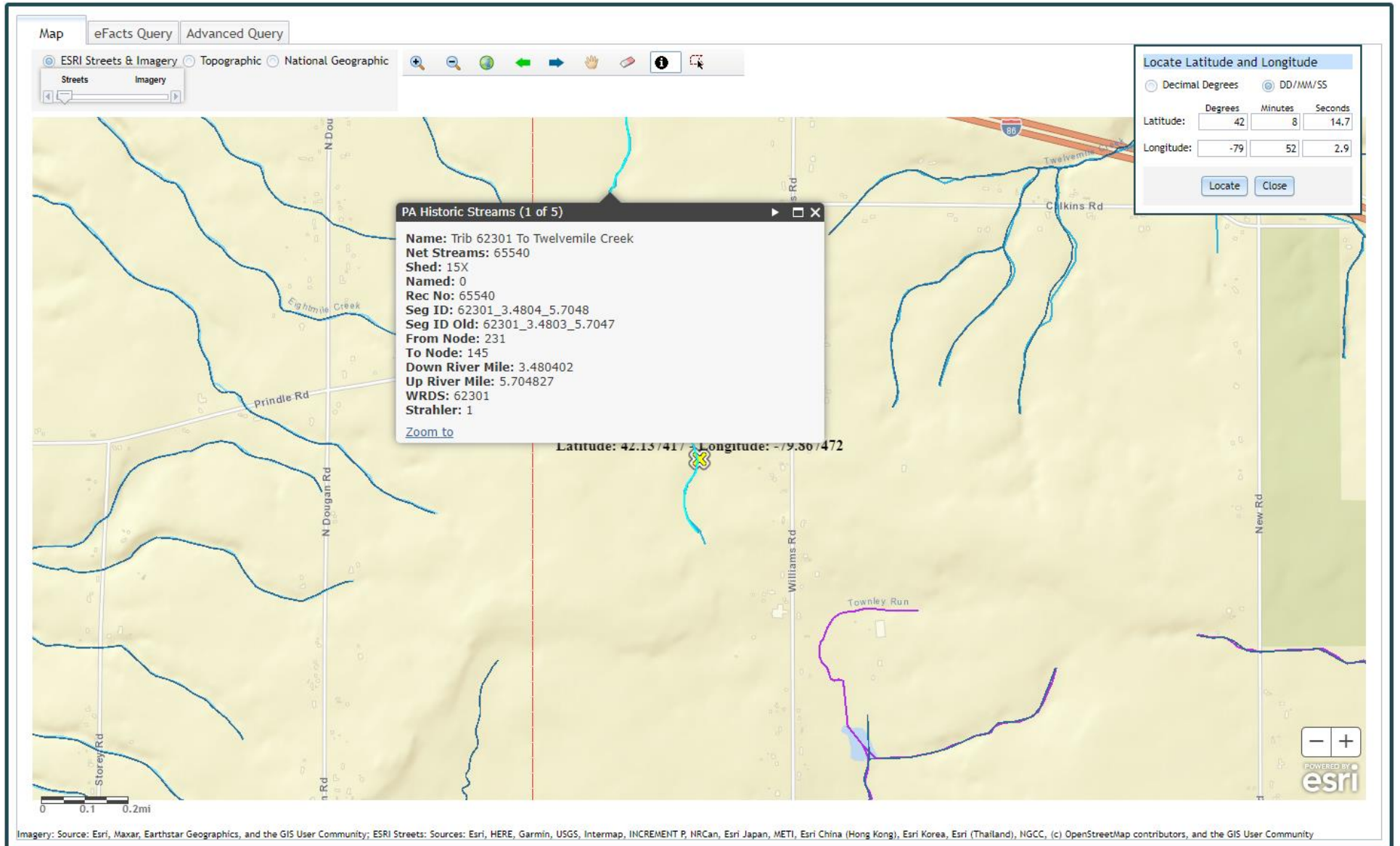
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	1/month	Grab
BOD5	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: monthly pH monitoring is required as a result of Outfall 001 discharging to an HQ stream, per NWRO policy.

Attachment 1  
eMap – Location Map





Attachment 2  
Google Earth Imagery

