

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0265101  
APS ID 1086988  
Authorization ID 1436874

**Applicant, Facility and Project Information**

Applicant Name	<u>David M Moats</u>	Facility Name	<u>David M Moats SRSTP</u>
Applicant Address	<u>19304 Cole Road</u> <u>Conneautville, PA 16406-4040</u>	Facility Address	<u>19304 Cole Road</u> <u>Conneautville, PA 16406</u>
Applicant Contact	<u>David Moats</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 282-1045</u>	Facility Phone	<u></u>
Client ID	<u>376846</u>	Site ID	<u>821183</u>
SIC Code	<u>8800</u>	Municipality	<u>Conneaut Township</u>
SIC Description	<u>Private Households</u>	County	<u>Crawford</u>
Date Application Received	<u>March 31, 2023</u>	WQM Required	<u>Yes - Transfer</u>
Date Application Accepted	<u></u>	WQM App. No.	<u>2017401 T-1</u>
Project Description	<u>Transfer and Renewal of an existing NPDES Permit for a Single Residence Sewer Treatment Plant (SRSTP).</u>		

**Summary of Review**

This is an existing discharge for a 4-bedroom home previously permitted under an NPDES Permit.

Act 14 – Notification was submitted and received.

Treatment consists of (WQM Permit No. 2017401): A Norweco Extended Aeration system with bio-film reactor and UV disinfection unit.

There is no evidence that the system has been tested or pumped out in the permit cycle. Affidavit has been filled out stating that the current permit holder could not be located to complete the transfer form.

There are no open violations in WMS for subject Client ID (376846) as of 5/1/2023. *5/2/2023 CWY*

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 Trainee	May 1, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	5/2/2023

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>.0005</u>
Latitude	<u>41° 44' .61"</u>	Longitude	<u>-80° 24' 33.65"</u>
Quad Name	<u>Linesville</u>	Quad Code	<u>41080F4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Foster Run (CWF, MF)</u>	Stream Code	<u>63556</u>
NHD Com ID	<u>123924103</u>	RMI	<u>0.6900</u>
Drainage Area	<u>.16</u>	Yield (cfs/mi <sup>2</sup> )	<u>0</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>Dry Stream</u>
Elevation (ft)	<u>1131</u>	Slope (ft/ft)	<u>.0821</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>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</u>	Default	<u></u>
Temperature (°F)	<u>68</u>	Default - CWF	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>State of Ohio</u>		
PWS Waters	<u>Conneaut Creek</u>	Flow at Intake (cfs)	<u>--</u>
PWS RMI	<u>24.4</u>	Distance from Outfall (mi)	<u>31.45</u>

Changes Since Last Permit Issuance: Change in ownership of the treatment system to David Moats.

Other Comments: No modeling was performed since this is an SRSTP.

**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.

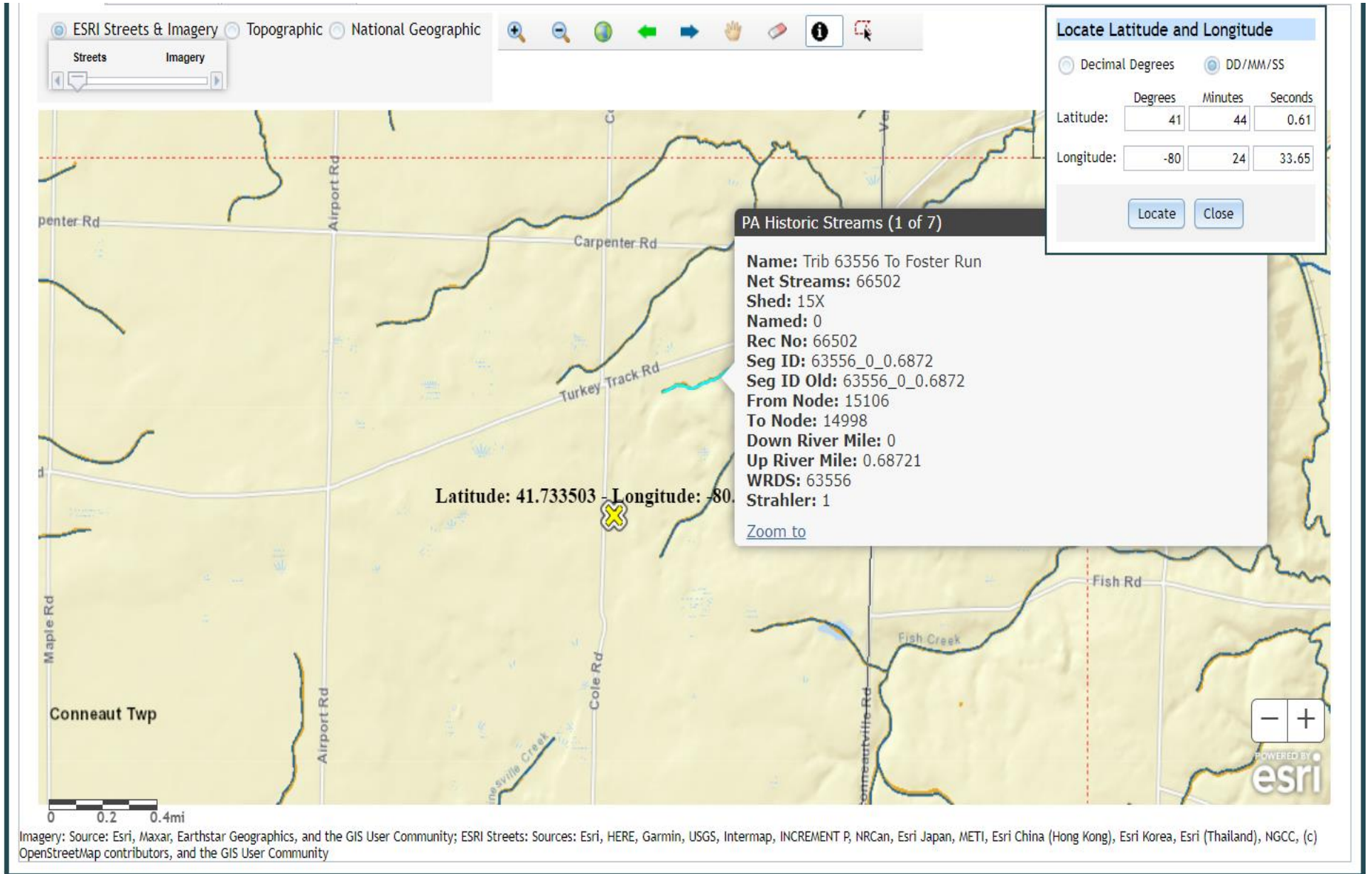
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	Upon Request	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 Geo Mean	XXX	1000	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.

Attachment 1  
eMap – Location Map



Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Attachment 2  
Google Earth Imagery

