

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0264253  
APS ID 1038680  
Authorization ID 1354428

**Applicant, Facility and Project Information**

Applicant Name	<u>Theresa Croll</u>	Facility Name	<u>Theresa Croll SRSTP</u>
Applicant Address	<u>19664 Collier Drive</u> <u>Meadville, PA 16335</u>	Facility Address	<u>19664 Collier Drive</u> <u>Meadville, PA 16335</u>
Applicant Contact	<u>Theresa Croll</u>	Facility Contact	<u>Theresa Croll</u>
Applicant Phone	<u>(814) 392-0662</u>	Facility Phone	<u>(814) 392-0662</u>
Client ID	<u>362953</u>	Site ID	<u>809823</u>
SIC Code	<u>8800</u>	Municipality	<u>Woodcock Township</u>
SIC Description	<u>Private Households</u>	County	<u>Crawford County</u>
Date Application Received	<u>May 4, 2021</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>May 17, 2021</u>	WQM App. No.	<u>2015401 will be transferred concurrently</u>
Project Description	<u>Renewal of an existing NPDES Permit for a Single Residence Sewage Treatment Plant (SRSTP). This application also transfers ownership from Joseph P. &amp; Katie L. Hall to Theresa Croll.</u>		

**Summary of Review**

Act 14 - Proof of Notification was submitted and received.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

**I. OTHER REQUIREMENTS:**

- |  |                                 |
|--|---------------------------------|
| A. AMRs  | F. Stormwater into sewers       |
| B. DMRs  | G. Right of way                 |
| C. Depth of Septage and Scum Measurement           | H. Solids handling              |
| D. Septic Tank Pumping                             | I. Public Sewerage Availability |
| E. Effluent Chlorine Optimization and Minimization |                                 |

SPECIAL CONDITIONS: None.

Permitted treatment will consist of: A Norweco Singulair Green Model 960 aerobic unit consisting of a pretreatment chamber, an aeration chamber, and a final clarification chamber with a built-in tablet chlorinator, all in series with a Hydro Kinetic Bio-Film Reactor.

There are no open violations in efacts for Client ID 362953 as of 8/11/2021.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	8/11/2021
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	8/16/2021

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 41' 20.19"</u>	Longitude	<u>-80° 08' 56.71"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to the French Creek (WWF)</u>	Stream Code	<u>N/A</u>
NHD Com ID	<u>127350233</u>	RMI	<u>N/A</u>
Drainage Area	<u>-</u>	Yield (cfs/mi <sup>2</sup> )	<u>-</u>
Q <sub>7-10</sub> Flow (cfs)	<u>-</u>	Q <sub>7-10</sub> Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-D</u>	Chapter 93 Class.	<u>WWF</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>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake		<u>-</u>	
PWS Waters	<u>-</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

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.

This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of a Norweco Singulair Model 960 and a Norweco hydro-kinetic bio-film reactor.

No modeling was performed for this NPDES Permit as the Norweco Singulair Model 960 is capable of meeting CBOD<sub>5</sub> averages of 6 mg/l and TSS averages of 10 mg/l, which are less than the inputs of the WQ model.

**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 (MGD)	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 Avg Mo	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection.

Flow and TRC are monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7 and are set as “upon request” in accordance with the SOP. The limits for BOD<sub>5</sub>, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47.