

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0271811  
APS ID 1080745  
Authorization ID 1426674

**Applicant, Facility and Project Information**

Applicant Name	<u>Maria Aiello</u>	Facility Name	<u>Maria Aiello SRSTP</u>
Applicant Address	<u>639 Maxwell Road</u> <u>Clarion, PA 16214-7137</u>	Facility Address	<u>639 Maxwell Road</u> <u>Clarion, PA 16214</u>
Applicant Contact	<u>Maria Aiello</u>	Facility Contact	<u>Maria Aiello</u>
Applicant Phone	<u>(814) 226-5716</u>	Facility Phone	<u></u>
Applicant E Mail	<u>maiello222@icloud.com</u>	Facility E Mail	<u></u>
Client ID	<u>375193</u>	Site ID	<u>831438</u>
Municipality	<u>Highland Township</u>	County	<u>Clarion</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households,</u>	SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>
Date Application Received	<u>February 8, 2023</u>	WQM Required	<u>To be transferred</u>
Date Application Accepted	<u>February 22, 2023</u>	WQM App. No.	<u>1618411 T-1</u>
Project Description	<u>NPDES transfer and renewal</u>		

**Summary of Review**

No violations are reported. Permit issued on March 13, 2019, renewal dated January 27, 2023, renewal due October 3, 2023 and permit expires March 31, 2024. Separate NPDES transfer recommended to have both permits with the same owner operator. The NPDES renewal can be then issued after the March 31, 2024 expiration. *There are no open violations in WMS for Client ID 375193 as of 7/10/2023 CWY*

Facility operation has been for less than five years and sludge removal should be anticipated in the next year.

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		<i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	July 10, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. Environmental Engineer Manager	7/10/2023

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>0.0005</u>
Latitude DP	<u>41 15' 50.69"</u>	Longitude DP	<u>-79° 20' 6.33"</u>
Latitude NHD	<u>41 15' 45.71"</u>	Longitude NHD	<u>-79° 20' 9.70"</u>
Quad Name	<u>Lucinda</u>	Quad Code	<u>0811</u>
Wastewater Description: <u>Treated single residence domestic wastes</u>			
Receiving Waters	<u>Unnamed Tributary to Tarkiln Run</u>	Stream Code	<u>49651</u>
NHD Com ID	<u>102669537</u>	RMI	<u>0.6900</u>
Drainage Area	<u>0.1</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>1545.00</u>	Slope (ft/ft)	<u>0.04735</u>
Watershed No.	<u>17-B</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Comments	<u>Confluence with assessed stream reach at RMI 0.69</u>		
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>METALS, PH</u>		
Source(s) of Impairment	<u>ACID MINE DRAINAGE, ACID MINE DRAINAGE</u>		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	_____		_____
Temperature (°F)	_____		_____
Hardness (mg/L)	_____		_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake	<u>City of Parker</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>83.95</u>	Distance from Outfall (mi)	<u>36.39</u>

Changes Since Last Permit Issuance: NA

Other Comments: none

**With the proposed small flow effluent advanced treatment requirements, no downstream user impairments are expected.**

**The abandoned mine drainage impairment was not used to adjust the water-quality requirements.**

**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
TRC	XXX	XXX	XXX	Report	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	1000	1/year	Grab

Compliance Sampling Location: Outfa001 after disinfection