

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0287822
APS ID 1003223
Authorization ID 1291059

Applicant, Facility and Project Information



Applicant Name	<u>Amber & Jason Digiacomo</u>	Facility Name	<u>Amber & Jason Digiacomo SRSTP</u>
Applicant Address	<u>15304 Hall Road</u> <u>Meadville, PA 16335</u>	Facility Address	<u>15304 Hall Road</u> <u>Meadville, PA 16335-7848</u>
Applicant Contact	<u>Jason Digiacomo</u>	Facility Contact	<u>Jason Digiacomo</u>
Applicant Phone	<u>(814) 338-8101</u>	Facility Phone	<u></u>
Client ID	<u>352826</u>	Site ID	<u>836865</u>
Municipality	<u>Hayfield Township</u>	Municipality	<u>Hayfield Township</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Application Received	<u>September 23, 2019</u>	WQM Required	<u>pending</u>
Application Accepted	<u>December 2m 2019</u>	WQM App. No.	<u>2019402</u>
Project Description	<u>Single Residence Sewage Treatment Plant.</u>		

Summary of Review

Proposed is a replacement of a malfunctioning on-lot sewage treatment facility serving a three-bedroom home.

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
		William H. Mentzer, P.E. Environmental Engineering Specialist	December 2, 2019
		Justin C. Dickey, P.E. Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude DP	<u>41° 40' 47.10"</u>	Longitude DP	<u>-80° 12' 5.70"</u>
Latitude NHD	<u>41° 40' 47.08"</u>	Longitude NHD	<u>-80° 12' 5.38"</u>
Quad Name	<u>Meadville</u>	Quad Code	<u>0504</u>
Wastewater Description: <u>Treated single residence domestic wastes</u>			

Receiving Waters	<u>Unnamed Tributary to Cussewago Creek</u>	Stream Code	<u>52491</u>
NHD Com ID	<u>127350234</u>	RMI	<u>0.85</u>
Drainage Area	<u>0.1</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Dry stream	<u>0</u>
Elevation (ft)	<u>1261.67</u>	Slope (ft/ft)	<u>0.03157</u>
Watershed No.	<u>16D</u>	Chapter 93 Class.	<u>Warm Water Fish</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>

Assessment Status Attaining Use(s)

Cause(s) of Impairment _____

Source(s) of Impairment _____

TMDL Status _____ Name _____

Background/Ambient Data		Data Source
pH (SU)	_____	_____
Temperature (°C)	<u>25</u>	_____
Hardness (mg/L)	_____	_____
Other:	_____	_____

Nearest Downstream Public Water Supply Intake	<u>Aqua Pa Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>67.17</u>

Changes Since Last Permit Issuance: NA

Other Comments: Downstream potable water uses should not be affected.

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ 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
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Total Suspended Solids	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