

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0288233
APS ID 1012910
Authorization ID 11308208

Applicant, Facility and Project Information

Applicant	<u>Augusta Fitzsimmons & James Zablontny</u>	Name	<u>Augusta Fitzsimmons & James Zablontny SRSTP</u>
Address	<u>2985 South Hill Road</u> <u>McKean, PA 16426</u>	Address	<u>2985 South Hill Road</u> <u>McKean, PA 16426</u>
Contact	<u>James J. Zablontny</u>	Contact	<u></u>
Phone	<u>814-722-5756</u>	Phone	<u>814-722-5756</u>
E mail	<u>jameszablontny@gmail.com</u>	E mail	<u>jameszablontny@gmail.com</u>
Client ID	<u>355642</u>	Site ID	<u>837731</u>
Municipality	<u>McKean Township</u>	County	<u>Erie</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>
Received	<u>March 5, 2020</u>	WQM	<u>pending</u>
Accepted	<u>March 30, 2020</u>	WQM App.	<u>2520406</u>
Project	<u>Single Residence Sewage Treatment Plant.</u>		



Summary of Review

Called James Zablontny on April 16, 2020 to determine his e mail address and discuss electronic permit issuance. He provided his email address and agreed to electronic permit documentation submission.

Proposed treatment is a NORWECO Singulair aeration system with biofilm reactor polishing and UV disinfection. The proposal is to replace a malfunctioning on-lot sewage treatment system serving a three-bedroom residence.

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 William H. Mentzer, P.E. Environmental Engineering Specialist	April 16, 2020
		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	May 15, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0004
Latitude NHD	41° 58' 46.10"	Longitude NHD	80° 5' 1.00"
Latitude DP	41° 58' 44.20"	Longitude DP	80° 4' 58.80"
Quad Name	Cambridge Springs	Quad Code	0305
Wastewater:	Treated single residence domestic wastes.		
Receiving Waters	dry swale to Elk Creek	Stream Code	unknown
RMI	0.04	NHD Com ID	
Drainage Area	0.0004 (0.23 acres)	Q ₇₋₁₀ Flow (cfs)	0
Elevation (ft)	1015.00	Slope (ft/ft)	0.04735
	Unnamed Tributary to Elk Creek	Stream Code	62640
RMI	0.41	NHD Com ID	
Drainage Area	0.02 (11.8 acres)	Yield (cfs/mi ²)	0
Q ₇₋₁₀ Flow (cfs)	0.04	Q ₇₋₁₀ Basis	Dry stream
Elevation (ft)	1398.75	Slope (ft/ft)	0.02367
Watershed No.	15-A	Chapter 93 Class.	CWF & MF
Existing Use	statewide	Existing Use Qualifier	none
Exceptions to Use	none	Exceptions to Criteria	none
Comments	Tributary mouth Subbasin Elevation 1308.16 feet Drainage 0.41 square miles		
Low Flow Basis	Station #	RMI	
Low Flow (cfs)	Drainage (sq-mi)	Yield (cfs/sq-mi)	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status	Name		
Background/Ambient Data	Data Source		
pH (SU)			
Temperature (°F)			
Hardness (mg/L)			
Other:			
Nearest Downstream Public Water Supply Intake	Erie City Water Authority		
PWS Waters	Lake Erie	Flow at Intake (cfs)	NA
PWS RMI	915.04	Distance from Outfall (mi)	14.6

Changes Since Last Permit Issuance: none

Other Comments: This proposal should not affect any downstream users.

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) and/or BPJ.

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

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1,000	1/year	Grab

Monitoring is at Outfall 001 after disinfection