

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0289558
APS ID 1040297
Authorization ID 1356938

Applicant, Facility and Project Information

Applicant Name	<u>Karen & Matthew Kerr</u>	Facility Name	<u>Karen & Mathew Kerr SRSTP</u>
Applicant Address	<u>7323 New Road</u> <u>Edinboro, PA 16412-3609</u>	Facility Address	<u>7323 New Road</u> <u>Edinboro, PA 16412-3609</u>
Applicant Contact	<u>Matthew Kerr</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 734-4023</u>	Facility Phone	<u></u>
Applicant E Mail	<u>Mlkbkerr@velocity.net</u>	Facility E Mail	<u></u>
Client ID	<u>363403</u>	Site ID	<u>848264</u>
Municipality	<u>Franklin 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>
Application Received	<u>May 28, 2021</u>	WQM Required	<u>Yes, pending</u>
Application Accepted	<u>June 16, 2021</u>	WQM App. No.	<u>2521415</u>
Project Description	<u>New treated sewage discharge permit.</u>		

Summary of Review

Proposed is replacement of a malfunctioning on-lot sewage treatment facility serving a three-bedroom residence. Design is for 1.1-PPD BOD5 and 400-gpd. No violations are reported.

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	June 23, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	June 25, 2021

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>0.0004</u>
Latitude	<u>41° 55' 7.4"</u>	Longitude	<u>-80° 13' 9.9"</u>
Latitude	<u>41° 55' 7.9"</u>	Longitude	<u>-80° 13' 14.16"</u>
Quad Name	<u>Edinboro North</u>	Quad Code	<u>0304</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed Tributary to Little Elk Creek</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>123922481</u>	RMI	<u>0.07</u>
Drainage Area	<u>0.15 (97.49 acre)</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry stream</u>
Elevation (ft)	<u>1249.20</u>	Slope (ft/ft)	<u>0.00903</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>CWF, MF</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>Dry swale confluence with Tributary 62532 node RMI 0.49 Stream RMI 0.72</u> <u>Elevation 1246.29 feet Drainage 0.26-square miles</u>		
Assessment Status	<u>Attaining Use(s)</u>		
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	<u>Erie City Water Auth</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>915.04</u>	Distance from Outfall (mi)	<u>27.86</u>

Changes Since Last Permit Issuance: NA

Other Comments: No water supply impacts are expected.

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 (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	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection