

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0289027
APS ID 1032021
Authorization ID 1342677

Applicant, Facility and Project Information

Applicant Name	<u>Laurie & Randy Havern</u>	Facility Name	<u>Laurie & Randy Havern SRSTP</u>
Applicant Address	<u>6730 Dobler Road</u> <u>Girard, PA 16417-8710</u>	Facility Address	<u>6730 Dobler Road</u> <u>Girard, PA 16417-8710</u>
Applicant Contact	<u>Randy Havern</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 474-3497</u>	Facility Phone	<u></u>
Applicant E Mail	<u>none</u>	Facility E Mail	<u>None</u>
Client ID	<u>360948</u>	Site ID	<u>845588</u>
Municipality	<u>Fairview 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>February 5, 2021</u>	WQM Required	<u>pending</u>
Application Accepted	<u>March 11, 2021</u>	WQM App. No.	<u>2521402</u>
Project Description	<u>Treated small flow sewage treatment facility</u>		

Summary of Review

No violations reported. Proposed is a small flow sewage treatment facility to replace a malfunctioning on-lot system. Design is for 1/1-PPD and 400gpd.

On March 16, 2021 Laurie Havern was called to establish an email address. As no email address exists, issuance through Deiss and Halmi was proposed. Later Steve Halmi called to verify email issuance through him.

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	March 16, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	March 22, 2021

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>42° 0' 2.50"</u>	Longitude	<u>-80° 15' 23.20"</u>
Latitude	<u>42° 0' 2.53"</u>	Longitude	<u>-80° 15' 23.90"</u>
Quad Name	<u>Fairview</u>	Quad Code	<u>0203</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed tributary to Brandy Run</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>123926040</u>	RMI	<u>0.0800</u>
Drainage Area	<u>30.4 acres (0.05 sq mi)</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>895.43</u>	Slope (ft/ft)	<u>0.02457</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>Two node dry drainage swale discharge to Brandy Run. Reach 1 is a roadside ditch Node 1 0.08-miles end elevation 885.25 feet. Brady Run confluence at RMI 2.56 with drainage 2.04 square Miles and elevation 854.97-feet. The confluence is 0.69 mile above an unnamed tributary.</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 Authority</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>22.05</u>

Changes Since Last Permit Issuance: NA

Other Comments: No downstream impairment is 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
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	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

Other Comments: UV monitoring and reporting as stated on the AMR.