

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0265543
APS ID 1088054
Authorization ID 1438890

Applicant, Facility and Project Information

Applicant Name	<u>James Lane</u>	Facility Name	<u>James Lane SRSTP</u>
Applicant Address	<u>3229 Davison Road</u> <u>Harborcreek, PA 16421</u>	Facility Address	<u>3229 Davison Road</u> <u>Harborcreek, PA 16421</u>
Applicant Contact	<u>James Lane</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 602-7877</u>	Facility Phone	<u></u>
Applicant E Mail	<u>jrodad1@gmail.com</u>	Facility E Mail	<u></u>
Client ID	<u>339529</u>	Site ID	<u>825690</u>
Municipality	<u>Harborcreek 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>
Date Application Received	<u>April 28, 2023</u>	WQM Required	<u></u>
Date Application Accepted	<u>May 16, 2023</u>	WQM App. No.	<u></u>
Project Description	<u>NPDES discharge permit renewal for SRSTP.</u>		

Summary of Review

Incompliance as of March 10, 2023 with an Administrative Order to resolve an August 2, 2022 NOV for failure to pay the annual fee. *There are no open violations in WMS for Client ID 339529 as of 5/26/2023. CWY*

The renewal application reported BOD5 at 28.5-mg/L, TSS at 84-mg/L and scheduled tank pumping for this summer. The effluent data exceeds the NPDES permit 20-mg/L BOD5 and TSS daily maximum. Septic tank pumping is recommended to abate the high effluent values.

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	May 18, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. Environmental Engineer Manager	5/26/2023

Discharge and Stream Data – 2 - Receiving Waters and PWS
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Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0005</u>
Latitude (NHD outfall)	<u>42° 9' 26.02"</u>	Longitude (NHD outfall)	<u>-79° 55' 25.16"</u>
Latitude (DP)	<u>42° 9' 22.04"</u>	Longitude (DP)	<u>-79° 55' 21.38"</u>
Quad Name	<u>Harborcreek</u>	Quad Code	<u>0108</u>
Wastewater:	<u>Treated single residence domestic wastes.</u>		
Receiving Waters	<u>Unnamed tributary to Elliotts Run</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>123923700</u>	RMI	<u>0.08</u>
Drainage Area	<u>0.04</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>910.19</u>	Slope (ft/ft)	<u>0.00122</u>
Watershed No.	<u>15A</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>The discharge is to a drainage swale draining to un-named tributary 62334.</u>		
Assessment Status	<u>Attaining Uses (GIS indicates a pathogen impairment)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	default	<u></u>
Temperature (°F)	<u>68</u>	default	<u></u>
Hardness (mg/L)	<u>100</u>	default	<u></u>
Other:	<u></u>		
Nearest Downstream Public Water Supply Intake	<u>State of New York</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>891.63</u>	Distance from Outfall (mi)	<u>20.38</u>

Changes Since Last Permit Issuance: NA

Other Comments:

No downstream water use impacts are expected due to the small flow advanced treatment effluent requirements proposed.

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 Daily Min	XXX	9.0 Daily Max	XXX	Upon Request	Grab
Biochemical Oxygen Demand (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 (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location At outfall 001 after disinfection