

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0263559
APS ID 1009042
Authorization ID 1301177

Applicant, Facility and Project Information

Applicant Name	<u>Richard D. Pack</u>	Facility Name	<u>Richard D. Pack SFTF</u>
Applicant Address	<u>1300 Pennsylvania Avenue</u> <u>Irwin, PA 15642-3867</u>	Facility Address	<u>12486 Lake Road</u> <u>North East, PA 16428-3545</u>
Applicant Contact	<u>Richard Pack</u>	Facility Contact	<u>Richard Pack</u>
Applicant Phone	<u>(724) 516-5000</u>	Facility Phone	<u></u>
Applicant E-Mail	<u>rpac57@yahoo.com</u>	Facility E-Mail	<u></u>
Client ID	<u>273480</u>	Site ID	<u>721531</u>
Municipality	<u>North East 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>December 23, 2019</u>	WQM Required	<u>Existing facilities are adequate</u>
Application Accepted	<u>January 30, 2020</u>	WQM App. No.	<u></u>
Project Description	<u>NPDES discharge permit renewal</u>		

Summary of Review

This discharge is a dry stream approximately 35-feet from Lake Erie and may have a conflict with NHD documentation.

No violations reported.

Effluent requirements are updated to the current SRSTP requirements noting that increased pH monitoring is under consideration.

No E-mail acceptance inquiry response.

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		William H. Mentzer William H. Mentzer, P.E. Environmental Engineering Specialist	September 8, 2020
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	September 14, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude NHD	<u>42° 16' 2.25"</u>	Longitude NHD	<u>-79° 45' 58.21"</u>
Latitude DP	<u>42° 16' 2.00"</u>	Longitude DP	<u>-79° 45' 58.00"</u>
Quad Name	<u>0107</u>	Quad Code	<u>North East</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed tributary to Lake Erie</u>	Stream Code	<u>62245</u>
NHD Com ID	<u>123926163</u>	RMI	<u>0.01</u>
Drainage Area	<u>0.1</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>580.00</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>15A</u>	Chapter 93 Class.	<u>CWF</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>Stream is not delineated on the USGS map. The stream code is from the previous review.</u>		
Assessment Status	<u>Not Assessed</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></u>		<u></u>
Temperature (°F)	<u></u>		<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<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></u>
PWS RMI	<u>953.49</u>	Distance from Outfall (mi)	<u>0.27</u>

Changes Since Last Permit Issuance: none

Other Comments: No down stream water use 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 (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
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

Other Comments: UV radiation disinfection is used. Monitoring and maintenance is specified on the facility AMR.