

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0263796
APS ID 1031444
Authorization ID 1341558

Applicant, Facility and Project Information

Applicant Name	<u>Robert Rylands</u>	Facility Name	<u>Robert J Rylands Properties</u>
Applicant Address	<u>4850 Middle Road</u> <u>Allison Park, PA 15101-1118</u>	Facility Address	<u>US Rte 62</u> <u>Tionesta, PA 16353</u>
Applicant Contact	<u>Robert Rylands</u>	Facility Contact	<u>Robert Rylands</u>
Applicant Phone	<u>(412) 874-8258</u>	Facility Phone	<u></u>
Applicant E Mail	<u>bobbandgail@gmail.com</u>	Facility E Mail	<u></u>
Client ID	<u>283264</u>	Site ID	<u>739968</u>
Municipality	<u>Tionesta Township</u>	County	<u>Forest</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 29, 2020</u>	WQM Required	<u>Adequate treatment installed</u>
Application Accepted	<u>March 25, 2021</u>	WQM App. No.	<u></u>
Project Description	<u>NPDES treated sewage discharge permit renewal</u>		

Summary of Review

The discharge is to a scenic river where visible outfalls are not acceptable. This is a small flow facility designed to serve two vacation homes.

Treatment is comminution with by-pass bar screen, aeration, clarification, and disinfection with aerated sludge holding.

This facility has been submitting monitoring reports through eDMR since February 2019. "No discharge" has been consistently reported every month since February 2019. Cynthia Rylands appears to be listed as the "submitter" for all eDMR reporting Robert Rylands is also registered as a user. Email addresses provided through eDMR are cinryl2@comcast.net and cinryl2@gmail.com. JCD

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 25, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	March 26, 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>.0008</u>
Latitude (GIS)	<u>41° 28' 15.00"</u>	Longitude (GIS)	<u>-79° 28' 54.00"</u>
Latitude NHD	<u>41° 28' 13.48"</u>	Longitude NHD	<u>-79° 28' 53.53"</u>
Quad Name	<u>Tionesta</u>	Quad Code	<u>0710</u>
Wastewater:	<u>Treated domestic wastes from a two-home vacation development</u>		
Receiving Waters	<u>Unnamed tributary Allegheny River</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>100475283</u>	RMI	<u>0.02</u>
Drainage Area	<u>0.001 (0.83 acres)</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>1040.00</u>	Slope (ft/ft)	<u>0.025</u>
Watershed No.	<u>16-E</u>	Chapter 93 Class.	<u>WWF</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>Drainage at the Allegheny River is 4297.7 sq mile NHD RMI 150.78 and node RMI 0.16</u>		
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>MERCURY</u>		
Source(s) of Impairment	<u>SOURCE UNKNOWN</u>		
TMDL Status	Name _____		
Comments	<u>No discharge mercury contribution is expected.</u>		
Background/Ambient Data	Data Source		
pH (SU)	_____	_____	
Temperature (°F)	_____	_____	
Hardness (mg/L)	_____	_____	
Other:	_____	_____	
Nearest Downstream Public Water Supply Intake	<u>Emlenton Water Company (Aqua Pa)</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>Over 1250-cfs</u>
PWS RMI	<u>90.57</u>	Distance from Outfall (mi)	<u>60</u>

Changes Since Last Permit Issuance: NA

Other Comments: NA

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	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: at Outfall 001 after disinfection

Other Comments: The requirements are a continuation of the existing permit. *In order to maintain consistency with the current Standard Operating Procedure (SOP) for SFTFs, flow has been revised to only require reporting of "average monthly" values and in gallons per day (GPD) rather than million gallons per day (MGD). CBOD5 reporting has been revised to BOD5 reporting.* JCD