

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0255165
APS ID 1036064
Authorization ID 1349373

Applicant, Facility and Project Information

Applicant Name	<u>Lilly Bill</u>	Facility Name	<u>Lilly SRSTP</u>
Applicant Address	<u>845 Barclay Hill Road</u> <u>Beaver, PA 15009-9306</u>	Facility Address	<u>845 Barclay Hill Road</u> <u>Beaver, PA 15009-9306</u>
Applicant Contact	<u>Bill Lilly</u>	Facility Contact	<u>Bill Lilly</u>
Applicant Phone	<u>(724) 312-2180</u>	Facility Phone	<u>(724) 312-2180</u>
Client ID	<u>330116</u>	Site ID	<u>817593</u>
SIC Code	<u>8811</u>	Municipality	<u>Brighton Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Beaver</u>
Date Application Received	<u>March 29, 2021</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>Not Applicable</u>	WQM App. No.	<u></u>
Project Description	<u>NPDES permit renewal</u>		

Summary of Review

An application was submitted to renew a NPDES permit for a SRSTP. The facility consists of a Norweco Singular Model 960 aerobic unit (WQM permit number 041602). The facility utilizes UV-disinfection, so Total Residual Chlorine (TRC) is not included in the permit limitations.

The only change made to the limitations was a change in fecal coliform from geometric mean to annual average as the sampling frequency is less than once per month (Standard Operating Procedure No. BCW-PMT-003). All other limitations are the same in the proposed renewed permit.

Proposed Part C Conditions:

- A. AMR to DEP
- B. DMR to DEP if Attached
- C. 1/year Measure Depth of Septage and Scum
- D. Septic Tanks Pumped Once Every Three Years
- E. Total Residual Chlorine Requirement
- F. No Stormwater
- G. Necessary Property Rights
- H. Proper Sludge Disposal
- I. Abandon STP when Municipal Sewers Available

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*,

Approve	Deny	Signatures	Date
X		Harmonie Hawley, PhD, PE / Environmental Engineering Specialist /s/	July 13, 2021
X		Pravin C. Patel, P.E. / Environmental Engineer Manager /s/	07/14/2021

Summary of Review

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.

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>.0004</u>
Latitude	<u>40° 41' 13.00"</u>	Longitude	<u>-80° 23' 11.00"</u>
Quad Name	<u>Midland</u>	Quad Code	<u>1302</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Fourmile Run (WWF)</u>	Stream Code	<u>33563</u>
NHD Com ID	<u>99679370</u>	RMI	<u>0.6600</u>
Watershed No.	<u>20-B</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u>Aquatic Life</u>	Existing Use Qualifier	<u>Not Applicable</u>
Assessment Status	<u>Attaining Use(s)</u>		
TMDL Status	<u>None</u>	Name	<u>Not Applicable</u>
Nearest Downstream Public Water Supply Intake		Midland Boro Muni Auth at Ohio River Mile 36.	

Changes Since Last Permit Issuance: None

Other Comments: Fourmile Run is designated WWF and is attaining use (not impaired).

Compliance History	
Summary of DMRs:	Not applicable
Summary of Inspections:	Not applicable

Other Comments: Open violations reports were run on the client and the primary facility and no open violations were found. The report was run on July 6, 2021.

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	Average Monthly	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH	XXX	XXX	6.0 Min	XXX	9.0	XXX	1/year	Grab
CBOD5	XXX	XXX	10.0	XXX	XXX	20.0	1/year	Grab
TSS	XXX	XXX	10.0	XXX	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Annl Avg	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: Use UV light for disinfection