

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0253804  
APS ID 1109628  
Authorization ID 1477147

**Applicant, Facility and Project Information**

Applicant Name	<u>Charles Goulding</u>	Facility Name	<u>Goulding Properties SRSTP</u>
Applicant Address	<u>2640 Weinman Road</u> <u>Wexford, PA 15090-7916</u>	Facility Address	<u>2640 Weinman Road</u> <u>Wexford, PA 15090</u>
Applicant Contact	<u>Charles Goulding</u>	Facility Contact	<u>Same as applicant</u>
Applicant Phone	<u>(412) 889-7670</u>	Facility Phone	<u>Same as applicant</u>
Client ID	<u>258409</u>	Site ID	<u>687604</u>
SIC Code		Municipality	<u>Franklin Park Borough</u>
SIC Description		County	<u>Allegheny</u>
Date Application Received	<u>March 15, 2024</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>March 18, 2024</u>	WQM App. No.	<u>0208401</u>
Project Description	<u>Renewal of a NPDES permit</u>		

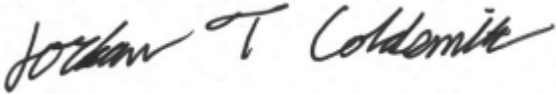

**Summary of Review**

The applicant has applied for a renewal of NPDES Permit No. PA0253804, which was previously issued by the Department on June 1, 2017. That permit will expire on November 30, 2024.

The discharge is to East Branch Big Sewickley Creek, which is classified as a TSF located in State Watershed 20-G.

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		 Jordan Coldsmith / Environmental Engineering Specialist	June 12, 2024
X		 Christopher Kriley, P.E. / Program Manager	June 13, 2024

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>.0005</u>
Latitude	<u>40° 36' 45.93"</u>	Longitude	<u>-80° 7' 36.21"</u>
Quad Name	<u>Ambridge</u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>East Branch Big Sewickley Creek (TSF)</u>	Stream Code	<u>36621</u>
NHD Com ID	<u>99681060</u>	RMI	<u>1.27</u>
Drainage Area	<u>2.64</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.01</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.0264</u>	Q <sub>7-10</sub> Basis	<u>USGS StreamStat</u>
Elevation (ft)	<u>1141</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>20-G</u>	Chapter 93 Class.	<u>TSF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</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>WESTVIEW NEW BADEN PLANT</u>		
PWS Waters	<u>Ohio River (WWF)</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u>12.5</u>

Changes Since Last Permit Issuance: None

Other Comments: N/A

Treatment Facility Summary				
<b>Treatment Facility Name:</b> Goulding Properties SRSTP				
<b>WQM Permit No.</b>		<b>Issuance Date</b>		
0208401		7/31/2008		
<b>Waste Type</b>	<b>Degree of Treatment</b>	<b>Process Type</b>	<b>Disinfection</b>	<b>Avg Annual Flow (MGD)</b>
Sewage	Secondary	Septic Tank Sand Filter	Ultraviolet	0.0004
<b>Hydraulic Capacity (MGD)</b>	<b>Organic Capacity (lbs/day)</b>	<b>Load Status</b>	<b>Biosolids Treatment</b>	<b>Biosolids Use/Disposal</b>
0.0004	1.02	Not Overloaded		

Changes Since Last Permit Issuance: None

Other Comments: Facility consists of:

- Septic tank
- Feed tank with filter
- Recirculating trickling filter Orenco Advantex unit
- Effluent tank
- UV disinfection system

Compliance History
--------------------

## Operations Compliance Check Summary Report

**Facility:** Goulding Prop SRSTP

**NPDES Permit No.:** PA0253804

**Compliance Review Period:** 06/2019 – 06/2024

**Inspection Summary:**

INSP ID	INSPECTED DATE	INSP TYPE	AGENCY	INSPECTION RESULT DESC
3256025	09/24/2021	Administrative/File Review	PA Dept of Environmental Protection	No Violations Noted
<a href="#">3258431</a>	09/29/2021	Compliance Evaluation	County Health Dept	No Violations Noted

**Violation Summary:**

No violations noted

**Open Violations by Client ID:**

No CW violations for client ID 258409

**Enforcement Summary:**

No enforcements

**DMR Violation Summary:**

No DMR violations

**Compliance Status:**

Permittee is in Clean Water compliance.

**Completed by:** John Murphy

**Completed date:** 6/12/2024

**Development of Effluent Limitations**

<b>Outfall No.</b>	001	<b>Design Flow (MGD)</b>	.0004
<b>Latitude</b>	40° 36' 53.00"	<b>Longitude</b>	-80° 7' 41.00"
<b>Wastewater Description:</b> Sewage Effluent			

**Technology-Based Limitations**

The following effluent limitations and monitoring requirements, at a minimum, will be established in all new and renewed SFTF permits based on the requirements of DEP's "Standard Operating Procedure (SOP) for Clean Water Program New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application" (SOP No. BCW-PMT-003, Version 1.8, Final, November 9, 2012, Revised May 17, 2019).

Parameter	Avg	IMAX	Sample Type	Frequency: SFTFs	Frequency: SRSTPs
Flow (GPD)	Report	XXX	Estimate (SRSTPs) Measured (SFTFs)	1/month	1/year
BOD5 (mg/L)	10	20	Grab	1/month	1/year
TSS (mg/L)	10	20	Grab	1/month	1/year
pH*	6.0 S.U. Inst. Min.	9.0 S.U.	Grab	1/month	1/year
TRC (mg/L)	Report for SRSTPs; Use TRC Spreadsheet to determine WQBELs or 0.02 mg/L for SFTFs		Grab	1/month	1/year
Fecal Coliform (No./100 ml)	200 Geometric Mean (SFTFs) / Average (SRSTPs)		Grab	1/month	1/year

\* Technology-Based effluent limits for pH will be imposed based upon Federal Regulation 133.102(c) and State Regulation 95.2(1).

**Additional Considerations:**

Due to anti backsliding policy, previously imposed reporting limit for Ammonia will remain.

For SFTFs/SRSTPs with UV disinfection systems, it is not necessary to require UV intensity or transmittance monitoring in this permit.

SFTFs/SRSTPs are not required to monitor for Total Nitrogen and Total Phosphorus in new and reissued permits.

The receiving stream is not impaired for nutrients.

**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.**

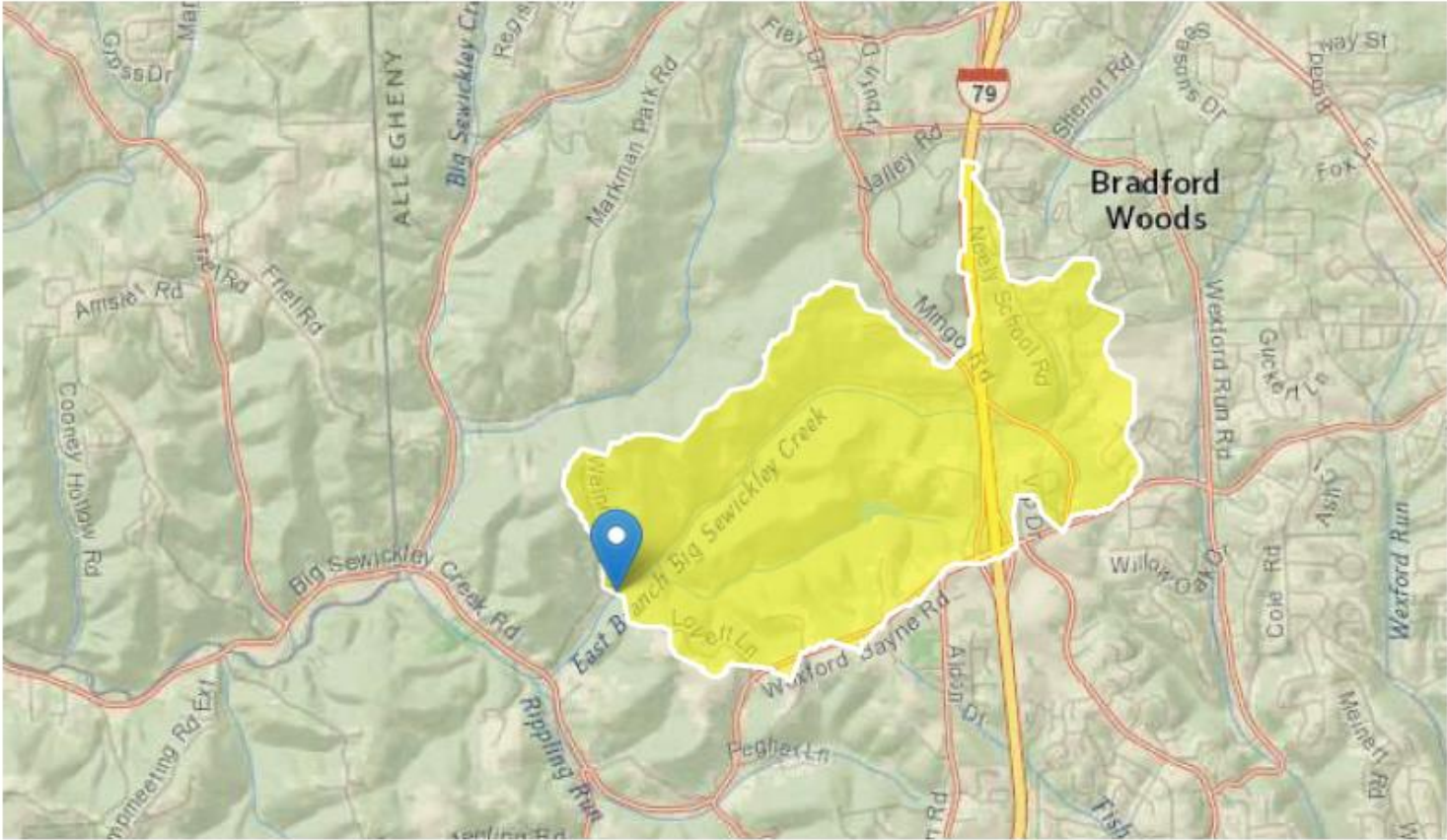
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
CBOD5	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
Ammonia	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: N/A

# StreamStats Report

Region ID: PA  
Workspace ID: PA20240612150940921000  
Clicked Point (Latitude, Longitude): 40.61262, -80.12683  
Time: 2024-06-12 11:10:02 -0400



Collapse All

## Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	2.64	square miles
ELEV	Mean Basin Elevation	1141	feet

## ➤ Low-Flow Statistics

### Low-Flow Statistics Parameters [Low Flow Region 4]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	2.64	square miles	2.26	1400
ELEV	Mean Basin Elevation	1141	feet	1050	2580

### Low-Flow Statistics Flow Report [Low Flow Region 4]

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error, PC: Percent Correct (other -- see report)

Statistic	Value	Unit	SE	ASEp
7 Day 2 Year Low Flow	0.0814	ft <sup>3</sup> /s	43	43
30 Day 2 Year Low Flow	0.15	ft <sup>3</sup> /s	38	38
7 Day 10 Year Low Flow	0.0264	ft <sup>3</sup> /s	66	66
30 Day 10 Year Low Flow	0.0524	ft <sup>3</sup> /s	54	54
90 Day 10 Year Low Flow	0.101	ft <sup>3</sup> /s	41	41

#### *Low-Flow Statistics Citations*

**Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (<http://pubs.usgs.gov/sir/2006/5130/>)**

USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

USGS Software Disclaimer: This software has been approved for release by the U.S. Geological Survey (USGS). Although the software has been subjected to rigorous review, the USGS reserves the right to update the software as needed pursuant to further analysis and review. No warranty, expressed or implied, is made by the USGS or the U.S. Government as to the functionality of the software and related material nor shall the fact of release constitute any such warranty. Furthermore, the software is released on condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.

USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.