

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0271381
APS ID 1079348
Authorization ID 1424138

Applicant, Facility and Project Information

Applicant Name	<u>Christina Young</u>	Facility Name	<u>Christina Young SRSTP</u>
Applicant Address	<u>89 Patterson School Road</u> <u>Grove City, PA 16127-4931</u>	Facility Address	<u>89 Patterson School Road</u> <u>Grove City, PA 16127</u>
Applicant Contact	<u>Christina Young</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 997-8887</u>	Facility Phone	<u></u>
Client ID	<u>341501</u>	Site ID	<u>825186</u>
SIC Code	<u>8800</u>	Municipality	<u>Pine Township</u>
SIC Description	<u>Private Households</u>	County	<u>Mercer</u>
Date Application Received	<u>January 10, 2023</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u>4318403</u>
Project Description	<u>Single Residence Sewage Treatment Plant..</u>		

Summary of Review

This is a permit renewal for an existing 3-bedroom home.

Act 14 – Proof of Notification was submitted and received.

Proposed treatment will consist of (WQM Permit No. 4318403): a Norweco Singulair Model 960-500 aerobic unit, Norweco Bio Film Bioreactor, tablet chlorinator and a 500-gallon chlorine contact tank. Design flow is 0.0004 MGD.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (341501) as of 3/29/2023. [4/19/2023 CWY](#)

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 A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	March 29, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	4/19/2023

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>41° 11' 22"</u>	Longitude	<u>-80° 1' 13"</u>
Quad Name	<u>Grove City</u>	Quad Code	<u>4180B1</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary of Wolf Creek (CWF)</u>	Stream Code	<u>34331</u>
NHD Com ID	<u>126219180</u>	RMI	<u>0.1400</u>
Drainage Area	<u>0.98</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.098</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>1377</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>20-C</u>	Chapter 93 Class.	<u>CWF</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>7.0</u>	Default	<u></u>
Temperature (°F)	<u>20</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>PA American Water Company – Ellwood City</u>		
PWS Waters	<u>Slippery Rock Creek</u>	Flow at Intake (cfs)	<u>53.1</u>
PWS RMI	<u>0.1</u>	Distance from Outfall (mi)	<u></u>

Changes Since Last Permit Issuance: None

Other Comments:

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 Daily Min	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
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001 (after disinfection)

Other Comments: None

Attachment 1
eMap – Location Map

The screenshot displays an eMap application interface. At the top, there are tabs for 'Map', 'eFacts Query', and 'Advanced Query'. Below these are map style options: 'ESRI Streets & Imagery' (selected), 'Topographic', and 'National Geographic'. A toolbar contains navigation icons (pan, zoom, home, etc.).

The main map area shows a stream network in blue and cyan. A popup window titled 'PA Historic Streams (1 of 4)' is open over a stream segment, displaying the following data:

- Name: Trib 34331 Of Wolf Creek
- Net Streams: 87390
- Shed: 20C
- Named: 0
- Rec No: 87390
- Seg ID: 34331_0_1.3596
- Seg ID Old: 34331_0_1.3596
- From Node: 44334
- To Node: 44102
- Down River Mile: 0
- Up River Mile: 1.359643
- WRDS: 34331
- Strahler: 1

A 'Zoom to' link is visible at the bottom of the popup. Above the popup, the coordinates 'Latitude: 41.189444 - Longitude: -80.020278' are displayed on the map. A 'Locate Latitude and Longitude' dialog box is also present, showing input fields for Degrees, Minutes, and Seconds for both Latitude (41, 11, 22) and Longitude (-80, 1, 13), with 'Locate' and 'Close' buttons.

At the bottom left, a scale bar shows 0, 0.1, and 0.2 miles. At the bottom right, there are zoom in/out buttons and the 'POWERED BY esri' logo. A copyright notice at the very bottom reads: 'Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community'.

Attachment 2
Google Earth Imagery

