

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0272566
APS ID 1111643
Authorization ID 1480792

Applicant, Facility and Project Information

Applicant Name	<u>Ronald Cehelsky</u>	Facility Name	<u>Ronald Cehelsky SRSTP</u>
Applicant Address	<u>221 Carbon Center Road</u> <u>Butler, PA 16002-1021</u>	Facility Address	<u>221 Carbon Center Road</u> <u>Butler, PA 16002</u>
Applicant Contact	<u>Ronald Cehelsky</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 283-7012</u>	Facility Phone	<u></u>
Applicant Email	<u>judeboots@zoominternet.net</u>		
Client ID	<u>352773</u>	Site ID	<u>837937</u>
SIC Code	<u>8800</u>	Municipality	<u>Summit Township</u>
SIC Description	<u>Private Households</u>	County	<u>Butler</u>
Date Application Received	<u>March 25, 2024</u>	WQM Required	<u>No – Existing Facility</u>
Date Application Accepted	<u>May 1, 2024</u>	WQM App. No.	<u>Existing WQM Permit # 1019406</u>
Project Description	<u>Renewal of an existing SRSTP NPDES Individual Permit</u>		

Summary of Review

This is the renewal of an existing SRSTP individual NPDES permit. No changes are proposed to the effluent quality or volume.

Act 14 – Proof of notification was submitted and received.

The EPA waiver is in effect.

There are no open violations in WMS for the subject Client ID (352773) as of May 1, 2024.

AMRs have been received and the effluent data appears to be within the permit limitations. The last inspection was an administrative inspection conducted on May 19, 2023.

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		Jason T. Roessing Jason T. Roessing, P.E. / Environmental Engineer Manager	May 2, 2024
		Justin C. Dickey, P.E. / Environmental Program Manager	Okay to draft JCD 5/2/2024

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>.0004</u>
Latitude	<u>40° 52' 4.69"</u>	Longitude	<u>-79° 48' 5.86"</u>
Quad Name	<u>Saxonburg</u>	Quad Code	<u>5042</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Bonnie Brook (WWF)</u>	Stream Code	<u>35139</u>
NHD Com ID	<u>126221568</u>	RMI	<u>4.93 (previous Fact Sheet)</u>
Drainage Area	<u>8.23 sq. mi. (previous Fact Sheet)</u>	Yield (cfs/mi ²)	<u>0.014 (previous Fact Sheet)</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.144 (previous Fact Sheet)</u>	Q ₇₋₁₀ Basis	<u>calculated</u>
Elevation (ft)	<u>1058 (previous Fact Sheet)</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>20-C</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u>---</u>	Existing Use Qualifier	<u>---</u>
Exceptions to Use	<u>---</u>	Exceptions to Criteria	<u>---</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN</u>		
Source(s) of Impairment	<u>SOURCE UNKNOWN</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>PA American Water Company – Ellwood City</u>		
PWS Waters	<u>Connoquenessing Creek</u>	Flow at Intake (cfs)	<u>27.6</u>
PWS RMI	<u>0.20</u>	Distance from Outfall (mi)	<u>52.18</u>

Changes Since Last Permit Issuance: N/A

Other Comments: Treatment permitted under WQM Permit Number 101940 consists of a 1,000-gallon dual compartment concrete septic tank with an effluent filter followed by a Premier Tech EC7-500-C-P Coco filter with integral UV disinfection and effluent pumping.

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 (GPD)	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
CBOD5	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	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, after disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "upon request" due to CWF stream designation.

Figure 1 – eMap Site Location and Stream Designation

