Application Type	**Renewal**	
Facility Type	**Industrial**	
Major / Minor	**Minor**	

NPDES PERMIT FACT SHEET
INDIVIDUAL INDUSTRIAL WASTE (IW) AND IW STORMWATER

Application No.	**PA0265110**
APS ID	**1068947**
Authorization ID	**1405778**

Applicant and Facility Information

Applicant Name	**Stoneboro Borough Mercer County**	Facility Name	**Stoneboro Borough WTP**
Applicant Address	59 Lake Street PO Box 337	Facility Address	Steckler Road
	Stoneboro, PA 16153-9807		Stoneboro, PA 16153
Applicant Contact	Chris Ewing	Facility Contact	
Applicant Phone	(724) 376-3541	Facility Phone	
Client ID	121196	Site ID	245769
SIC Code	4941	Municipality	Stoneboro Borough
SIC Description	Trans. & Utilities - Water Supply	County	Mercer
Date Application Received	August 1, 2022	EPA Waived?	Yes
Date Application Accepted		If No, Reason	
Purpose of Application	NPDES Renewal for an existing discharge of a potable water reservoir overflow.		

Summary of Review

This permit renewal is for the overflow discharge of the 500,000-gallon water reservoir tank. Existing treatment (WQM Permit No 4317201) consists of a tablet dechlorinator.

There are currently 11 open violations for the permittee listed in EFACTS (7/13/2023), 10 from Safe Drinking Water and 1 from Water Planning and Conservation. *The draft permit cover letter will notify the permittee they have open violations and they should work to address the violations prior to the Department issuing a final permit. 8/15/2023 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	July 13, 2023
X		Chad W. Yurisic Chad W. Yurisic, P.E. / Environmental Engineer Manager	9/1/2023

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.036
Latitude	41º 20' 20.37"	Longitude	-80º 6' 18.02"
Quad Name	Sandy Lake	Quad Code	41080C1
Wastewater Description:	IW Process Effluent without ELG		

Receiving Waters	Unnamed Tributary to Sawmill Run (WWF)	Stream Code	58624
NHD Com ID	100478683	RMI	0.4400
Drainage Area	1.83	Yield (cfs/mi²)	0.1
Q_{7-10} Flow (cfs)	0.18	Q_{7-10} Basis	Default
Elevation (ft)	1291	Slope (ft/ft)	---
Watershed No.	16-G	Chapter 93 Class.	WWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	DEWATERING, FLOW REGIME MODIFICATION, ORGANIC ENRICHMENT, SILTATION, SILTATION, THERMAL MODIFICATIONS		
Source(s) of Impairment	AGRICULTURE, CHANNELIZATION, CHANNELIZATION, REMOVAL OF RIPARIAN VEGETATION, RURAL (RESIDENTIAL AREAS), STREAMBANK MODIFICATIONS/DESTABILIZATION		
TMDL Status		Name	

Background/Ambient Data		Data Source	
pH (SU)	7.0	Default	
Temperature (°F)	25	Default	
Hardness (mg/L)	100	Default	
Other:			

Nearest Downstream Public Water Supply Intake		Aqua Pennsylvania, Inc - Emlenton	
PWS Waters	Allegheny River	Flow at Intake (cfs)	1376
PWS RMI	90	Distance from Outfall (mi)	>25

Changes Since Last Permit Issuance: None

Other Comments:

Development of Effluent Limitations

Outfall No.   001   **Design Flow (MGD)**   .036
Latitude   41º 20' 6.00"   **Longitude**   -80º 6' 40.00"
Wastewater Description: IW Process Effluent without ELG

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Parameter	Limit (mg/l)	SBC	Federal Regulation	State Regulation
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)

Comments: None

Water Quality-Based Limitations

A "Reasonable Potential Analysis" (Attachment A) determined the following parameters were candidates for limitations: N/A

Comments: Due to the discharge being to a dry swale for approximately 0.75 miles prior to meeting perennial conditions where aquatic life needs protected, a TRC evaluation for water quality effects was not deemed necessary as chlorine residual should dissipate to protective levels through decay.

Best Professional Judgment (BPJ) Limitations

Comments: A total residual chlorine IMAX limit of 1.6 mg/l is being retained from the previous permit cycle in accordance with the Department's SOP entitled "Establishing Effluent Limitations for Individual Industrial Permits."

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: <ins>Permit Effective Date</ins> through <ins>Permit Expiration Date</ins>.

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 (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	1/week	Estimate
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/week	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/week	Grab

Compliance Sampling Location: Outfall 001, before mixing with other waters.

Other Comments: None