

Application Type New
Facility Type Industrial
Major / Minor Minor

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

Application No. PA0245666
APS ID 1114743
Authorization ID 1486862

Applicant and Facility Information

Applicant Name	<u>North Penn Water Authority</u>	Facility Name	<u>Worcester Auto Flusher</u>
Applicant Address	<u>300 Forty Foot Road</u> <u>Lansdale, PA 19446-4017</u>	Facility Address	<u>300 Forty Foot Road</u> <u>Lansdale, PA 19446</u>
Applicant Contact	<u>Julie Black</u>	Facility Contact	<u>Jon Hartzell</u>
Applicant Phone		Facility Phone	<u>(215) 855-3617</u>
Client ID	<u>64139</u>	Site ID	<u>872941</u>
SIC Code	<u>4941</u>	Municipality	<u>Worcester Township</u>
SIC Description	<u>Trans. & Utilities - Water Supply</u>	County	<u>Montgomery</u>
Date Application Received	<u>May 29, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted		If No, Reason	
Purpose of Application	<u>For discharge of potable water from Auto Flusher into Stream.</u>		

Summary of Review

The North Penn Water Authority has submitted NPDES application to discharge 1300 gallons per day of potable water from automatic flushing valve into tributary to Stoney Creek. The project involves the installation of an automatic flushing valve at a system dead end to maintain water quality to existing customers. The valve is located at a 2608 Resolution Road in Worcester Township, Montgomery County. The valve is located in a cul-de-sac and will run daily from 8:00 am to 9:00 am discharging approximately 1300 GPD of water. The water will be discharged into tributary to Stoney Creek through storm drainage system. The Stoney Creek is classified as Cold Water Fishery CWF, Migratory Fishes MF under 25 PA Code Chapter 93.9f.

The North Penn Water Authority provides water service to few municipalities and townships in Montgomery and Bucks Counties. The Forest Park Water Treatment Plant supplies 95 % of all water to NPWA's System, with remaining 5 % supplied from groundwater. All of the supplied water is treated with sodium hypochlorite for disinfection and polyphosphate for corrosion control.

The effluent parameters with limits and monitoring requirements are similar to those parameters (pH, TSS, TRC and Total Iron) in Temporary Discharge Approval for Potable Water Tank cleaning and Potable Water discharge from Fire Hydrant. We have included effluent limit of 0.5 mg/l for TRC, 30 mg/l for TSS, 3.0 mg/l for Total Iron and 6.0-9.0 SU for pH in the NPDES permit. In addition, we have added monitoring requirement for Chlorodibromomethane and Dichlorobromomethane.

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

Approve	Deny	Signatures	Date
X		<i>Ketan Thaker</i> Ketan Thaker / Project Manager	9/26/2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	09/26/2024

Summary of Review

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, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0013</u>
Latitude	<u>40° 10' 25.56"</u>	Longitude	<u>-75° 19' 56.93"</u>
Quad Name	<u>Norristown</u>	Quad Code	<u></u>
Wastewater Description: <u>Water Treatment Effluent</u>			
Receiving Waters	<u>Unnamed Tributary of Stony Creek (TSF, MF)</u>	Stream Code	<u>00967</u>
NHD Com ID	<u>25979188</u>	RMI	<u>0.4600</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-F</u>	Chapter 93 Class.	<u>TSF, MF</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></u>			
PWS Waters	<u></u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u></u>

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" (386-0400-001), 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	Average Quarterly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	0.5 Avg Mo	1.2	XXX	1/week	Grab
TSS	XXX	XXX	XXX	30.0	60.0	XXX	1/quarter	Grab
Total Iron	XXX	XXX	XXX	Report	3.0	XXX	1/quarter	Grab
Chlorodibromo-methane	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Dichlorobromo-methane	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab