Pennsylvania Department of Environmental Protection

Northeast Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0063061**
Facility Type	**Industrial**	APS ID	**635426**
Major / Minor	**Minor**	Authorization ID	**1315871**

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

Applicant and Facility Information

Applicant Name	**Ashland Area Municipal Authority**	Facility Name	**Ashland Water Treatment Plant**
Applicant Address	401 South 18th Street	Facility Address	Malones Road
	Ashland, PA 17921		Ashland, PA 17921
Applicant Contact	Ray Jones	Facility Contact	Ray Jones
Applicant Phone	(570) 875-2411	Facility Phone	(570) 875-2411
Client ID	64102	Site ID	1367
SIC Code	4941	Municipality	Butler Township
SIC Description	Trans. & Utilities - Water Supply	County	Schuylkill
Date Application Received	May 8, 2020	EPA Waived?	Yes
Date Application Accepted	January 18, 2021	If No, Reason	-
Purpose of Application	Renewal of existing NPDES permit.		

Summary of Review

A draft permit was issued to the permittee by a different reviewer on May 28, 2021 and the final permit was never issued due to their departure from the Clean Water Program permitting section. A new draft permit must be issued with another public comment period. The wording and other information below is copied from the 1st draft permit fact sheet and was determined to still be applicable by the reassigned reviewer:

The applicant is requesting renewal of NPDES Permit No. PA0063061 to authorize a discharge of up to 37,000 gpd of industrial wastewater into Little Mahanoy Creek (CWF, MF) in State Water Plan 06-B. The receiving body does not have an existing use classification. The 2020 Pennsylvania Integrated Water Quality Monitoring and Assessment Report lists the receiving body as Attaining for Recreation, but Impaired for Aquatic Life (Source: Urban Runoff/Storm Sewers, Cause: Unknown). The discharge is not expected to affect public water supplies.

The facility is a municipal water treatment plant. Filter backwash and wastewater from clarifiers discharge into a lagoon for settling. The lagoon overflows through a v-notch weir into Outfall 001. The renewal application reports the *Design Flow* as 0.037 MGD and the *Average Flow* as 0.021 MGD. The facility wasteload allocations (WLAs) assigned by the Mahanoy Creek Watershed TMDL (March 13, 2007) are based on an average flow of 0.019 MGD.

The limits continue to be derived from the Best-Practical-Control-Technology limits set forth in the Department's *Technology Based Control Requirements for Water Treatment Plant Waste* (Doc No. 362-2183-003). As a result of the migration from 0.019 to 0.021 MGD average flow, effluent limits have been adjusted downward to maintain the WLAs set forth for the facility in the Mahanoy Creek Watershed TMDL. The Daily Maximum limits continue to be 2x Average Monthly. A review of eDMR submittals indicates that the facility consistently meets the new limits.

Approve	Deny	Signatures	Date
X		Brian Burden, E.I.T. / Project Manager	May 8, 2025
X		Edward Dudick, P.E. / Environmental Engineer Manager	May 13, 2025

Summary of Review

	Average Monthly	
Parameter	Old Limit (mg/L)	New Limit (mg/L)
Total Aluminum	4.0	3.6
Total Iron	2.0	1.8
Total Manganese	1.0	0.9

*New Limit = Old Limit * 0.019 MGD / 0.21 MGD*

The Department's Toxic Management Spreadsheet was used to perform a Reasonable Potential analysis using sampling results included with the renewal application; the sampling data does not support additional effluent limits or monitoring requirements.

There is no history of non-compliance with effluent limitations over the past two years according to DMR data; the existing monitoring frequencies are continued in the renewed permit, in accordance with Part IV.E.2 of SOP No. NPNPSM-PMT-001.

Part C of the permit continues to contain language concerning chemical additives and sedimentation basin cleaning.

The WMS Report Query "Inspections" was performed. A 'Compliance Evaluation' was performed on January 6, 2020; no violations were noted.

The WMS Report Query "Open Violations by Client" was performed; the applicant has 1 open violation. The open violation is for failure to timely submit their NPDES renewal application (Violation ID #896125).

The EPA Waiver is in effect.

The permit expired on August 31, 2020. The renewal application was originally due by March 4, 2020. An extension was requested and granted first to April 4, 2020, and then to May 4, 2020. The application was received late on May 8, 2020. An administrative extension letter was issued on January 19, 2021.

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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.021
Latitude	40º 46' 27"	Longitude	-76º 16' 30"
Quad Name	Ashland	Quad Code	1235
Wastewater Description:	Wastewater from clarifier and filter backwash that discharges to settling lagoon.		
Receiving Waters	Little Mahanoy Creek (CWF, MF)	Stream Code	17677
NHD Com ID	54962077	RMI	4.7
Drainage Area	2.88	Yield (cfs/mi^2)	0.188
Q_{7-10} Flow (cfs)	0.54	Q_{7-10} Basis	Yield obtained from 1992 pollution report.
Elevation (ft)	1,106	Slope (ft/ft)	0.0057
Watershed No.	6-B	Chapter 93 Class.	CWF, MF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired		
Cause(s) of Impairment	Cause Unknown		
Source(s) of Impairment	Source Unknown, Urban Runoff/Storm Sewers		
TMDL Status	Final	Name	Mahanoy Creek

Background/Ambient Data		Data Source
pH (SU)	-	-
Temperature (°F)	-	-
Hardness (mg/L)	-	-
Other:	-	-

Nearest Downstream Public Water Supply Intake	Duncannon Borough Municipal Authority		
PWS Waters	Susquehanna River	Flow at Intake (cfs)	2,315
PWS RMI	69.3	Distance from Outfall (mi)	~70

Changes Since Last Permit Issuance: -

Other Comments: Flow at Duncannon Borough Municipal Authority intake is based on the drainage area obtained using USGS StreamStats and a default LFY of 0.1 cfs/mi^2.

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** .021
Latitude 40º 46' 27" **Longitude** -76º 16' 30"
Wastewater Description: Wastewater from clarifier and filter backwash that discharges to settling lagoon.

Technology-Based Limitations

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

Parameter	Limit (mg/l)	SBC	State Guidance
pH	6.0 – 9.0	Minimum/Maximum	362-2183-003
Total Residual Chlorine	0.5	Average Monthly	362-2183-003
	1.0	IMAX	
Total Suspended Solids	30.0	Average Monthly	362-2183-003
	60.0	Daily Maximum	
Total Aluminum	3.6	Average Monthly	362-2183-003
	7.2	Daily Maximum	
Total Iron	1.8	Average Monthly	362-2183-003
	3.6	Daily Maximum	
Total Manganese	0.9	Average Monthly	362-2183-003
	1.8	Daily Maximum	

Comments: All limits are based on “Technology-Based Control Requirements for Water Treatment Plant Wastes” (guidance document 362-2183-003). The limits for Total Aluminum, Total Iron, and Total Manganese are further modified to maintain the WLAs in the Mahanoy Creek TMDL, due to the increase in average flow from 0.019 to 0.021 MGD.

Water Quality-Based Limitations

The Department’s *Toxic Management Spreadsheet* was used to perform a Reasonable Potential analysis using sampling results included with the renewal application; the sampling data does not support additional effluent limits or monitoring requirements.