

Application Type Renewal
Facility Type Industrial
Major / Minor Minor

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

Application No. PA0056014
APS ID 1092855
Authorization ID 1447350

Applicant and Facility Information

Applicant Name	<u>Ametek Inc.</u>	Facility Name	<u>Former Ametek US Gauge Division</u>
Applicant Address	<u>1100 Cassatt Road</u> <u>Berwyn, PA 19312</u>	Facility Address	<u>900 E Clymer Avenue</u> <u>Sellersville, PA 18960-2625</u>
Applicant Contact	<u>Mark Scheuer</u>	Facility Contact	<u>Raymond Lees</u>
Applicant Phone	<u>(610) 889-5263</u>	Facility Phone	<u>(215) 491-6500</u>
Client ID	<u>80139</u>	Site ID	<u>458542</u>
SIC Code	<u>3493,4225</u>	Municipality	<u>Sellersville Borough</u>
SIC Description	<u>Manufacturing - Steel Springs, Except Wire, Trans. & Utilities - General Warehousing And Storage</u>	County	<u>Bucks</u>
Date Application Received	<u>June 5, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal.</u>		

Summary of Review

The permittee has submitted a request to renew the permit for their discharge from existing groundwater cleanup system to unnamed tributary of East Branch Perkiomen Creek through Outfall 001.

Based on application:

Machining of metal components, solvent degreasing and metal electroplating operations were associated with the facility manufacturing processes beginning in 1957. Manufacturing ceased in 2008. From 2008 to 2011, the site was used only for administrative and engineering offices and as a warehouse for storing, shipping and receiving of various metal components. In 2012, all building structures on the site were demolished except for the concrete foundations and slabs. AMETEK sold the Plant No. 2 real estate to Bucks County Industrial Development Authority in 2014.

The proposed use is as an industrial subdivision including six industrial lots. In May 2015, the Bucks County Industrial Development Authority removed the former building foundations and slabs and prepared the site for redevelopment. The proposed use is as an industrial subdivision including six industrial lots. Development activities included the addition of a culdesac, curb and sidewalk, domestic water, sanitary sewer mains, and a drainage infrastructure. Tenants will be determined as lots are sold. Two lots were sold for the development to Solar Manufacturing, a vacuum furnace manufacturing facility, on approximately 8.55 acres of the 44 acre former site area. The remaining lots (1, 2, 3, and 4) were sold to 4TH SOIL Sellersville Campus LP in May 2022, which will include the addition of three industrial warehouses. Construction in the area is anticipated to begin in calendar year 2023.

Based on terms of the Consent Order between U.S. EPA Region 3 and Ametek Inc., the permittee had installed groundwater recovery and treatment system in 1993. The treatment consists of micro strainer, an air stripper, flow equalization and carbon adsorption unit. Since the last amendment (changed frequency monitoring from monthly to quarterly), there were no changes in waste characteristics, flow, treatment technique, receiving stream designation etc. Therefore, all existing limits

Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	April 25, 2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	04/26/2024

Summary of Review

are carried over in this renewal. The discharge is in compliance with the existing limits and compliance of the proposed limits is expected. The proposed effluent limitations are as listed on p. 5 of this factsheet.

Act 14 Notification: Bucks County Health Department, Perkasie Borough Authority, and Sellersville Borough received on May 22, 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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0868</u>
Latitude	<u>40° 21' 31.24"</u>	Longitude	<u>-75° 18' 23.00"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>IW Process Effluent with ELG</u>			
Receiving Waters	<u>East Branch Perkiomen Creek (TSF, MF)</u>	Stream Code	<u>01168</u>
NHD Com ID	<u>25999640</u>	RMI	<u>16.5300</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-E</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>

Changes Since Last Permit Issuance: none

Compliance History

DMR Data for Outfall 001 (from February 1, 2023 to January 31, 2024)

Parameter	JAN-24	DEC-23	NOV-23	OCT-23	SEP-23	AUG-23	JUL-23	JUN-23	MAY-23	APR-23	MAR-23	FEB-23
Flow (GPD) Average Quarterly		100307			82657			85549			16391	
pH (S.U.) Instantaneous Minimum		8.11			8.01			8.06			8.04	
pH (S.U.) Instantaneous Maximum		8.11			8.01			8.06			8.04	
1,4-Dioxane (mg/L) Average Quarterly		0.020			0.016			0.024			0.031	
1,4-Dioxane (mg/L) Daily Maximum		0.020			0.016			0.024			0.031	
1,1,1-Trichloroethane (mg/L) Average Quarterly		0.00031			0.0004 4			0.00055			< 0.001	
1,1,1-Trichloroethane (mg/L) Daily Maximum		0.00031			0.0004 4			0.00055			< 0.001	
1,1-Dichloroethylene (mg/L) Average Quarterly		0.00021			0.0004 8			0.00040			< 0.001	
1,1-Dichloroethylene (mg/L) Daily Maximum		0.00021			0.0004 8			0.00040			< 0.001	
cis-1,2-Dichloroethylene (mg/L) Average Quarterly		0.0030			0.0035			0.0044			0.0025	
cis-1,2-Dichloroethylene (mg/L) Daily Maximum		0.0030			0.0035			0.0044			0.0025	
Tetrachloro-ethylene (mg/L) Average Quarterly		< 0.001			< 0.001			< 0.001			< 0.001	
Tetrachloro-ethylene (mg/L) Daily Maximum		< 0.001			< 0.001			< 0.001			< 0.001	
Trichloroethylene (mg/L) Average Quarterly		0.0024			0.0036			0.0041			0.0018	
Trichloroethylene (mg/L) Daily Maximum		0.0024			0.0036			0.0041			0.0018	

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	Average Quarterly	Daily Maximum	Instant. Maximum		
Flow (GPD)	Report Avg Qrtly	XXX	XXX	XXX	XXX	XXX	1/quarter	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
1,4-Dioxane	XXX	XXX	XXX	Report	Report	XXX	1/quarter	Grab
1,1,1-Trichloroethane	XXX	XXX	XXX	0.08	0.16	0.2	1/quarter	Grab
1,1-Dichloroethylene	XXX	XXX	XXX	0.007	0.014	0.018	1/quarter	Grab
cis-1,2-Dichloroethylene	XXX	XXX	XXX	0.07	0.14	0.2	1/quarter	Grab
Tetrachloroethylene	XXX	XXX	XXX	0.001	0.002	0.0025	1/quarter	Grab
Trichloroethylene	XXX	XXX	XXX	0.005	0.01	0.013	1/quarter	Grab

Compliance Sampling Location: Outfall 001.