



Application Type
Facility Type
Major / Minor

Renewal
Storm Water
Minor

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

Application No. **PA0244724**
APS ID **11270440**
Authorization ID **1509512**

Applicant and Facility Information

Applicant Name	Catalent Micron Tech Inc.	Facility Name	CATALENT MICRON TECHNOLOGIES MALVERN FACILITY
Applicant Address	333 Phoenixville Pike Malvern, PA 19355-9603	Facility Address	333 Phoenixville Pike Malvern, PA 19355-9603
Applicant Contact	Kenneth Sylvester	Facility Contact	Phillip Colletto
Applicant Phone	(484) 319-7208	Facility Phone	(215) 764-9101
Client ID	280320	Site ID	723552
SIC Code	2834	Municipality	East Whiteland Township
SIC Description	Manufacturing - Pharmaceutical Preparations	County	Chester
Date Application Received	December 10, 2024	EPA Waived?	Yes
Date Application Accepted		If No, Reason	
Purpose of Application	Renewal.		

Summary of Review

The permittee has applied to discharge of stormwater associated with industrial activities into Unnamed Tributary to Valley Creek (EV, MF) through three outfalls.

The facility is involved in performs custom milling/micronization of bulk API (active pharmaceutical ingredients).

Based on the site visit the facility has implemented all BMPs and no known violations are noted.

Outfall 002 is assigned as representative of the Outfall 001 and Outfall 003.

There are no changes in effluent quality or quantity of the discharge, therefore all previously established (according to their SIC 2834 - Pharmaceutical Preparation Manufacturing) effluent limits and monitoring requirements will be proposed.

Act Notification 14: East Whiteland TWP – December 9, 2025

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		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	August 18, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	08/18/2025

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Longitude	-75° 33' 24.89"
Latitude	40° 3' 53.04"	Quad Code	
Quad Name			
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Valley Creek (EV, MF)	Stream Code	
NHD Com ID	25980338	RMI	2.5100
Drainage Area		Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	3-F	Chapter 93 Class.	EV, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired	CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, POLYCHLORINATED BIPHENYLS (PCBS), SILTATION	
Cause(s) of Impairment		HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, SOURCE UNKNOWN, URBAN RUNOFF/STORM SEWERS	
Source(s) of Impairment			
TMDL Status	Final	Name	Valley and Little Valley Creeks

Changes Since Last Permit Issuance: none

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002	Design Flow (MGD)	0
Latitude	40° 3' 53.04"	Longitude	-75° 33' 24.89"
Quad Name		Quad Code	
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Valley Creek (EV, MF)	Stream Code	
NHD Com ID	25980338	RMI	2.5100
Drainage Area		Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	3-F	Chapter 93 Class.	EV, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired	CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, POLYCHLORINATED BIPHENYLS (PCBSSILTATION)	
Cause(s) of Impairment		HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, SOURCE UNKNOWN, URBAN RUNOFF/STORM SEWERS	
Source(s) of Impairment			
TMDL Status	Final	Name	Valley and Little Valley Creeks

Changes Since Last Permit Issuance: none

Discharge, Receiving Waters and Water Supply Information

Outfall No.	003	Design Flow (MGD)	0
Latitude	40° 3' 53.04"	Longitude	-75° 33' 24.89"
Quad Name		Quad Code	
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Valley Creek (EV, MF)	Stream Code	
NHD Com ID	25980338	RMI	2.5100
Drainage Area		Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	3-F	Chapter 93 Class.	EV, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, POLYCHLORINATED BIPHENYLS (PCBS), SILTATION		
Source(s) of Impairment	HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION, URBAN RUNOFF/STORM SEWERS		
TMDL Status	Final	Name	Valley and Little Valley Creeks

Changes Since Last Permit Issuance: none

Compliance History

DMR Data for Outfall 002 (from April 1, 2024 to March 31, 2025)

Parameter	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24	MAY-24	APR-24
pH (S.U.) Instantaneous Minimum				6.7								
pH (S.U.) Instantaneous Maximum				6.7								
COD (mg/L) Daily Maximum				69.4								
TSS (mg/L) Daily Maximum				14.3								
Nitrate-Nitrite (mg/L) Daily Maximum				0.43								
Total Phosphorus (mg/L) Daily Maximum				0.20								
Total Aluminum (mg/L) Daily Maximum				0.15								
Total Iron (mg/L) Daily Maximum				0.16								
Total Lead (mg/L) Daily Maximum				0.00092								
Total Zinc (mg/L) Daily Maximum				0.0683								

Compliance History

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 002, 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 Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
COD	XXX	XXX	XXX	XXX	120.0	XXX	1/year	Grab
TSS	XXX	XXX	XXX	XXX	100.0	XXX	1/year	Grab
Nitrate-Nitrite	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Lead	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Zinc	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab

Compliance Sampling Location: Outfall 002