

Application Type New  
 Facility Type Storm Water  
 Major / Minor Minor

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

Application No. PA0245631  
 APS ID 1111225  
 Authorization ID 1480092

**Applicant and Facility Information**

Applicant Name	<u>Universal Pure Co.</u>	Facility Name	<u>Universal Pure Malvern Facility</u>
Applicant Address	<u>8 Lee Boulevard</u> <u>Malvern, PA 19355</u>	Facility Address	<u>8 Lee Boulevard</u> <u>Malvern, PA 19355</u>
Applicant Contact	<u>David Herpai</u>	Facility Contact	<u>David Herpai</u>
Applicant Phone	<u>(610) 232-5496</u>	Facility Phone	<u>(610) 232-5493</u>
Client ID	<u>385110</u>	Site ID	<u>871894</u>
SIC Code	<u>2038</u>	Municipality	<u>Malvern Borough</u>
SIC Description	<u>Manufacturing - Frozen Specialties</u>	County	<u>Chester</u>
Date Application Received	<u>April 9, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>New application for an NPDES permit to discharge stormwater from an existing facility</u>		

**Summary of Review**

The applicant requests a new individual NPDES permit to discharge stormwater from Universal Pure Malvern Facility.

Facility conducts cold storage, high-pressure processing (HPP) of pre-packaged food products, as well as kitting, air-tempering, and coding (price dating and labeling) of pre-package foods.

Operations are conducted indoors. Only general refuse storage inside the trash compactor outdoors is identified as having potential for storm water exposure. Material transfer to/from the facility is conducted in fully enclosed trucks and loading docks.

No non-stormwater discharges are anticipated during the 5 years following coverage approval. BMPs listed in the application are: Spill response and contingency planning, inspection and monitoring program, preventative maintenance, housekeeping program, and employee training.

Outfall 001 discharges stormwater from loading dock areas, covered general refuse, covered recyclable refuse, and employee and visitor parking areas, to an industrial park detention pond. The detention pond is presumed to drain into the Valley Creek Basin. The stormwater outfall will be informally inspected daily and formally inspected quarterly, where routine maintenance will be performed at that time.

Sampling results were submitted for the appropriate stormwater parameters and review shows no concern.

SIC Code applicable to this facility's operation is 2038.

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	April 30, 2024
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	05/01/2024

**Summary of Review**

Anti-degradation Module was submitted as part of the permit renewal application. Details of non-discharge alternatives analysis were provided. Alternative project siting, Alternative discharge locations and Constructed treatment wetlands were discussed in the Module.

No comments were received from Operations Section.

The following limits are proposed for this discharge:

Parameter	Limit (mg/l)	Basis
Total Nitrogen*	Monitor	
Total Phosphorus*	Monitor	
Nitrate + Nitrite – Nitrogen*	Monitor	
pH*	6.0 to 9.0 S.U.	Chapt. 93/PAG03
BOD5*	30	Consistent with PAG03 Benchmark Values
TSS*	100	
COD*	120	
Oil & Grease*	5	**

\* These parameters are consistent with the Appendix I of the PAG03 General Stormwater permit. Appendix I is applicable to this type of discharge.

\*\* According to DEP’s antidegradation policy, new or expanded discharges may not adversely impact the existing water quality. DEP’s goal is zero discharge of non-naturally occurring substances. DEP recommended Target Quantitation Limit is included as the limit.

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.

Act 14 Notifications:

Malvern Borough - March 29, 2024  
 Chester County - March 29, 2024

Permit Conditions:

- A. Stormwater Outfalls
- B. Best Management Practices
- C. Stormwater Monitoring
- D. Routine Inspections
- E. PPC Plan
- F. Acquire Necessary Property Rights
- G. Proper Sludge Disposal
- H. No PCBs Discharge

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 3' 53.06"</u>	Longitude	<u>-75° 33' 24.89"</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary to Valley Creek (EV, MF)</u>	Stream Code	<u>01009</u>
NHD Com ID	<u>25980338</u>	RMI	<u>1.4400</u>
Watershed No.	<u>3-F</u>	Chapter 93 Class.	<u>EV, MF</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>cause unknown, flow regime modification, habitat alterations, polychlorinated biphenyls (pcbs), siltation</u>		
Source(s) of Impairment	<u>habitat modification - other than hydromodification, source unknown, urban runoff/storm sewers</u>		
TMDL Status	<u>Final</u>	Name	<u>Valley and Little Valley Creeks</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" (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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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	1/6 months	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	XXX	30	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	120	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	100.0	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	5.0	XXX	1/6 months	Grab
Nitrate-Nitrite as N	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab