pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PAS128301**
Facility Type	**Storm Water**	APS ID	**1086602**
Major / Minor	**Minor**	Authorization ID	**1436290**

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

Applicant and Facility Information

Applicant Name	**Post Consumer Brands, Inc.**	Facility Name	**Post Consumer Brands Meadville**
Applicant Address	18746 Mill Street Meadville, PA 16335-3644	Facility Address	18746 Mill Street Meadville, PA 16335-3644
Applicant Contact	Mike Sherman, HS&E Manager mike.sherman@jmsmucker.com)	Facility Contact	Mike Sherman, HS&E Manager mike.sherman@jmsmucker.com)
Applicant Phone	(814) 547-7033	Facility Phone	(814) 547-7033
Client ID	376297	Site ID	464244
SIC Code	2047	Municipality	Vernon Township
SIC Description	Manufacturing - Dog and Cat Food	County	Crawford
Date Application Received	June 9, 2022	EPA Waived?	Yes
Date Application Accepted	June 17, 2022	If No, Reason	-
Purpose of Application	Renewal of an existing NPDES Individual Industrial Waste Permit for an existing discharge of stormwater. This application also transfers ownership from the Ainsworth Pet Nutrition, LLC to Post Consumer Brands, Inc.		

Summary of Review

Act 14 - Proof of Notification was submitted and received.

This facility is not subject to any ELGs.

A Part II Water Quality Management permit is not required at this time.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

I. OTHER REQUIREMENTS:
- A. Right of way
- B. Solids handling
- C. NPDES Permit Supersedes WQM Permits
- D. Modification or Revocation for changes to BAT or BCT

SPECIAL CONDITIONS:

II. Requirements Applicable to Stormwater Outfalls

It is recommended that this renewal be issued.

There are no open violations in efacts associated with the subject Client ID (376297) as of 6/5/2023. *CWY 6/7/2023*

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	6/5/2023
X		Chad W. Yurisic Chad W. Yurisic, P.E. / Environmental Engineer Manager	6/7/2023

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0.00
Latitude	41º 37' 41.26"	Longitude	-80º 09' 41.77"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	French Creek	Stream Code	51591
NHD Com ID	127350470	RMI	28.0
Drainage Area	-	Yield (cfs/mi^2)	-
Q_{7-10} Flow (cfs)	-	Q_{7-10} Basis	-
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	16-D	Chapter 93 Class.	WWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired*		
Cause(s) of Impairment	Mercury		
Source(s) of Impairment	Source Unknown		
TMDL Status	-	Name	-

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

Nearest Downstream Public Water Supply Intake	Aqua Pennsylvania, Inc. - Emlenton		
PWS Waters	Allegheny River	Flow at Intake (cfs)	1,376
PWS RMI	90.0	Distance from Outfall (mi)	63.0

* - This discharge is stormwater only. Mercury is not expected to contribute to this impairment and does not need to be addressed with this renewal.

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.

The only change proposed with this renewal is to replace the previous monitoring for TKN with Total Nitrogen.

This discharge consists of stormwater runoff only. All non-stormwater waste streams are sent to the Meadville STP.

Compliance History

DMR Data for Outfall 001 (from May 1, 2022 to April 30, 2023)

Parameter	APR-23	MAR-23	FEB-23	JAN-23	DEC-22	NOV-22	OCT-22	SEP-22	AUG-22	JUL-22	JUN-22	MAY-22
pH (S.U.) Minimum		7.36			7.82			7.09			7.49	
pH (S.U.) Annual Average		7.36			7.57			7.49			7.69	
pH (S.U.) Maximum		7.36			7.82			7.09			7.49	
CBOD5 (mg/L) Annual Average		< 4			< 45.75			57.67			48.5	
CBOD5 (mg/L) Instantaneous Maximum		< 4			< 10			76			24	
COD (mg/L) Annual Average		40			50.75			51.3			53.5	
COD (mg/L) Instantaneous Maximum		40			49			47			90	
TSS (mg/L) Annual Average		91			65.5			56			38	
TSS (mg/L) Instantaneous Maximum		91			94			92			68	
Oil and Grease (mg/L) Annual Average		< 7			< 7.35			< 7.8			< 9.2	
Oil and Grease (mg/L) Instantaneous Maximum		< 7			< 6			< 5			< 5.0	
TKN (mg/L) Annual Average		< 1			< 16.52			< 21.76			< 11.86	
TKN (mg/L) Instantaneous Maximum		< 1			0.76			41.6			23.1	
Total Phosphorus (mg/L) Annual Average		0.25			< 0.42			0.48			0.22	
Total Phosphorus (mg/L) Instantaneous Maximum		0.25			0.24			< 1			0.24	
Total Iron (mg/L) Annual Average		0.717			0.731			0.311			0.261	
Total Iron (mg/L) Instantaneous Maximum		0.717			1.99			0.41			0.296	

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	Annual Average	Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	Report	Report	Report	XXX	1/quarter	Grab
CBOD5	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
COD	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
TSS	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Total Nitrogen*	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Total Iron	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab

* - Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO2+NO3-N), where TKN and NO2+NO3-N are measured in the same sample.

Compliance Sampling Location: at Outfall 001.

PH, CBOD5, Chemical Oxygen Demand, Total Suspended Solids, Oil and Grease, Total Nitrogen, Total Phosphorus, and Total Iron are monitor only based on Chapter 92a.61.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002	Design Flow (MGD)	0.00
Latitude	41° 37’ 34.68”	Longitude	80° 09’ 41.94”
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	French Creek	Stream Code	51591
NHD Com ID	127350470	RMI	28.1
Drainage Area	-	Yield (cfs/mi^2)	-
Q_{7-10} Flow (cfs)	-	Q_{7-10} Basis	-
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	16-D	Chapter 93 Class.	WWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired*		
Cause(s) of Impairment	Mercury		
Source(s) of Impairment	Source Unknown		
TMDL Status	-	Name	-

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

Nearest Downstream Public Water Supply Intake	Aqua Pennsylvania, Inc. - Emlenton		
PWS Waters	Allegheny River	Flow at Intake (cfs)	1,376
PWS RMI	90.0	Distance from Outfall (mi)	63.0

* - This discharge is stormwater only. Mercury is not expected to contribute to this impairment and does not need to be addressed with this renewal.

The only change proposed with this renewal is to replace the previous monitoring for TKN with Total Nitrogen.

This discharge consists of stormwater runoff only. All non-stormwater waste streams are sent to the Meadville STP.

Compliance History

DMR Data for Outfall 002 (from May 1, 2022 to April 30, 2023)

Parameter	APR-23	MAR-23	FEB-23	JAN-23	DEC-22	NOV-22	OCT-22	SEP-22	AUG-22	JUL-22	JUN-22	MAY-22
pH (S.U.) Minimum		8.23			7.54			7.23			6.88	
pH (S.U.) Annual Average		8.23			7.41			7.37			7.44	
pH (S.U.) Maximum		8.23			7.54			7.23			6.88	
CBOD5 (mg/L) Annual Average		< 20			459.95			587			631.5	
CBOD5 (mg/L) Instantaneous Maximum		< 20			78.8			498			1133	
COD (mg/L) Annual Average		66			930			1126.7			1144	
COD (mg/L) Instantaneous Maximum		66			340			1092			2008	
TSS (mg/L) Annual Average		239			932			729.3			1030	
TSS (mg/L) Instantaneous Maximum		239			1540			128			1350	
Oil and Grease (mg/L) Annual Average		< 6			< 15.03			< 18.03			24.05	
Oil and Grease (mg/L) Instantaneous Maximum		< 6			< 6			< 6			41	
TKN (mg/L) Annual Average		< 1			73.99			92.93			138.7	
TKN (mg/L) Instantaneous Maximum		< 1			17.2			1.38			262	
Total Phosphorus (mg/L) Annual Average		0.5			17.4			21.43			24.5	
Total Phosphorus (mg/L) Instantaneous Maximum		0.5			5.3			15.3			45.5	
Total Iron (mg/L) Annual Average		0.17			2.36			1.28			1.42	
Total Iron (mg/L) Instantaneous Maximum		0.17			5.58			1			1.46	

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 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	Annual Average	Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	Report	Report	Report	XXX	1/quarter	Grab
CBOD5	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
COD	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
TSS	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Total Nitrogen*	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab
Total Iron	XXX	XXX	XXX	Report	XXX	Report	1/quarter	Grab

* - Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO2+NO3-N), where TKN and NO2+NO3-N are measured in the same sample.

Compliance Sampling Location: at Outfall 002.

PH, CBOD5, Chemical Oxygen Demand, Total Suspended Solids, Oil and Grease, Total Nitrogen, Total Phosphorus, and Total Iron are monitor only based on Chapter 92a.61.