

Application Type Renewal
Facility Type Industrial
Major / Minor Major

**NPDES PERMIT FACT SHEET
ADDENDUM**

Application No. PA0111759
APS ID 1091821
Authorization ID 1445574

Applicant and Facility Information

Applicant Name	Cargill Meat Solutions	Facility Name	Cargill Meat Solutions
Applicant Address	151 North Main Street Wichita, KS 67202-1413	Facility Address	1252 Route 706 Wyalusing, PA 18853
Applicant Contact	Billy Holland	Facility Contact	Billy Holland
Applicant Phone	570-746-3000 X7408	Facility Phone	570-746-3000 X7408
Client ID	241357	Site ID	245235
SIC Code	2011, 2077	Municipality	Wyalusing Township
SIC Description	See Fact Sheet	County	Bradford
Date Published in PA Bulletin	August 09, 2025	EPA Waived?	No
Comment Period End Date	September 08, 2025	If No, Reason	Major IW Facility, Significant CB Discharge
Purpose of Application	Renewal of NPDES Permit		

Internal Review and Recommendations

INTRODUCTION

Cargill Meat Solutions (Cargill) has applied to renew its existing NPDES permit authorizing the discharge of industrial process wastewater and stormwater from its facility in Wyalusing Township, Bradford County.

APPLICATION

Cargill submitted the *NPDES Application for Individual Permit to Discharge Industrial Wastewater* (DEP #3800-PM-BCW0008b). The application was received by the Department on June 29, 2023 and considered administratively complete on July 10, 2023. Billy Holland, Environmental Supervisor for the Wyalusing Facility, is both the client and site contacts. His additional contact information is (email) billy_holland@cargill.com. The application consultant is Brent Shick, Managing Consultant for All4, Inc. of Kimberton, PA. His contact information is (phone) 610-933-5246 X116, (FAX) 610-933-5127 and (email) bshick@all4inc.com.

DRAFT PERMIT

A draft permit was prepared in July 2025 and emailed to the applicant on July 25, 2025.

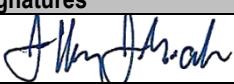
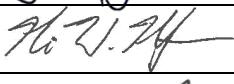
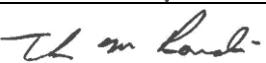
PUBLIC PARTICIPATION

The draft permit was published in the PA Bulletin on August 09, 2025 (Volume 55, Number 32, Page 5699).

DRAFT PERMIT COMMENTS

No comments were received from the public. No comments were received from the Environmental Protection Agency (EPA).

CONTINUED on the next page.

Approve	Return	Deny	Signatures	Date
X			Jeffrey J. Gocek, EIT Project Manager 	December 31, 2025
X			Nicholas W. Hartranft, PE Environmental Engineer Manager 	December 31, 2025
X			Thomas M. Randis Program Manager 	December 31, 2025

Internal Review and Recommendations

The Department Water Quality Specialist commented:

1. The Total Dissolved Solids (TDS) limit will require a compliance schedule or be in significant non-compliance following issuance.
2. The Total Mercury (Hg) limit will also require a compliance schedule.

Cargill submitted two comment letters; one dated August 05, 2025 and another dated September 08, 2025. In the first letter, Cargill commented:

1. The monthly average TDS limits should be relaxed to 3,500 mg/L and 24,812 lb/day.
2. The Dissolved Oxygen (DO) limit should be set to 3.0 mg/L.
3. Cargill planned to submit additional Hg testing to remove Hg limit.

In the second letter, Cargill commented:

1. The Hg limit should be removed based on the submitted lab results.
2. Limits should be based on the existing permit 0.79 MGD instead of the proposed 0.85 MGD in the draft permit. Based on 25 PA § 95.10, Cargill is not increasing TDS loading and requested the limit be set at 3,500 mg/L and 24,812 lb/day.

COMMENT RESOLUTION**Water Quality Specialist Comments**

The second draft permit will contain a compliance schedule of 59 months. The new limits for both Hg and TDS will become effective in the 60th month of the permit term. For the purposes of the Department's permitting software, the compliance date is tentatively scheduled for April 01, 2031 and may be adjusted at permit issuance, if necessary, to occur in the 60th month.

Cargill Comments

Since the inclusion of the DO limit of 4.0 mg/L was based on sewage guidance and included in the draft industrial waste permit as Best Professional Judgment (BPJ), the limit will be removed and changed to Report.

The Hg limit must remain in the permit since it was detected in the results submitted with the original application. The Department only allows additional testing during the comment period for parameters reported as non-detect (ND) in the application but tested with target quantitation limits not sensitive enough.

The increase in TDS loading, as described in 25 PA § 95.10, does not apply to Cargill. The TDS loading from Cargill was not authorized in a previous permit and therefore is considered a new loading. Once this permit is issued with mass limitations, the loading will then be authorized. Cargill must meet the proposed TDS limitations from the first draft permit, in accordance with 25 PA § 95.10(c) which requires new loadings be limited to 2,000 mg/L as a monthly average.

E. COLI MONITORING

Due to the discharge of sanitary wastewater, the Department is requiring the monitoring of Escherichia coli (E. coli), a pathogenic bacterium normally found in the intestines of healthy people and animals which is used as a fecal contamination indicator in freshwater ecosystems. Section 303(c)(1) of the Clean Water Act requires that Pennsylvania periodically review and revise water quality standards, if necessary. The 2017 triennial review final form rulemaking, published in 2020, has revised the Chapter 93 water quality standards regulations for bacteria to include E. coli. To further characterize fecal contamination of surface waters during the swimming season, the Department is requiring the quarterly reporting of effluent E. coli effluent values. In accordance with 25 PA § 92a.61, the Department may impose reasonable monitoring requirements on pollutants which could have impact on the quality of the Commonwealth's waters or the quality of waters in other states.

SECOND DRAFT PERMIT

To incorporate comments, changes and a compliance schedule, a second draft permit is required.

CONTINUED on the next page.

Internal Review and Recommendations

PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date

Discharge Parameter	Mass Limits (lb/day)		Concentration Limits (mg/L)			Monitoring Requirements		
	Monthly Average	Daily Maximum	Minimum	Monthly Average	Daily Maximum	IMAX	Minimum Measurement Frequency	Required Sample Type
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX	Continuous	Metered
pH (SU)	XXX	XXX	6.0 Inst. Min.	XXX	XXX	9.0	1/Day	Grab
Dissolved Oxygen	XXX	XXX	Report Inst. Min.	XXX	XXX	XXX	1/Day	Grab
Total Residual Chlorine	XXX	XXX	XXX	0.5	XXX	1.6	1/Day	Grab
BOD ₅	350	700	XXX	50	105	130	1/Week	24 Hour Comp
Total Suspended Solids	415	835	XXX	60	125	155	1/Week	24 Hour Comp
Total Dissolved Solids INTERIM	Report	Report	XXX	Report	Report	XXX	1/Week	24 Hour Comp
Total Dissolved Solids FINAL ¹	14,175	28,355	XXX	2,000	4,000	5,000	1/Week	24 Hour Comp
Oil and Grease	105	210	XXX	15	30	30	1/Week	Grab
Fecal Coliform (CFU/100mL)	XXX	XXX	XXX	XXX	XXX	400	1/Week	Grab
Total Mercury INTERIM	Report	Report	XXX	Report	Report	XXX	1/Week	24 Hour Comp
Total Mercury FINAL ¹	0.002	0.004	XXX	0.0003	0.000605	0.0008	1/Week	24 Hour Comp
Ammonia Nitrogen	XXX	XXX	XXX	4.0	8.0	10	2/Week	24 Hour Comp
Total Nitrogen	XXX	XXX	XXX	134	194	240	2/Week	24 Hour Comp
E. Coli (No./100 mL)	XXX	XXX	XXX	XXX	XXX	Report	1/Quarter	Grab

¹ – Final effluent limitations take effect in the 60th month of the permit term.

Parameter	Mass Units (lbs)		Concentrations (mg/L)			Monitoring Requirements	
	Monthly	Annual	Minimum	Monthly Average	Maximum	Minimum Measurement Frequency	Required Sample Type
Ammonia-N	Report	Report	XXX	4.0	8.0	2/Week	24-Hr Comp
Kjeldahl-N	Report	XXX	XXX	Report	XXX	2/Week	24-Hr Comp
Nitrate-Nitrite as N	Report	XXX	XXX	Report	XXX	2/Week	24-Hr Comp
Total Nitrogen	Report	Report	XXX	134	194	2/Week	24-Hr Comp
Total Phosphorus	Report	Report	XXX	Report	XXX	2/Week	24-Hr Comp
Net Total Nitrogen	Report	19,483	XXX	XXX	XXX	1/Year	Calculation
Net Total Phosphorus	Report	1,218	XXX	XXX	XXX	1/Year	Calculation

Outfalls 201 and 212, Effective Period: Permit Effective Date through Permit Expiration Date

Discharge Parameter	Mass Limits (lb/day)		Concentration Limits (mg/L)			Monitoring Requirements		
	Monthly Average	Daily Maximum	Minimum	Monthly Average	Daily Maximum	IMAX	Minimum Measurement Frequency	Required Sample Type
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab
pH (SU)	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab
BOD ₅	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab
Chemical Oxygen Demand	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab
Nitrate-Nitrite Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab
Fecal Coliforms (#/100 mL)	XXX	XXX	XXX	XXX	Report	XXX	1/6 Months	Grab

END of Fact Sheet.