

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0289086
APS ID 1033384
Authorization ID 1345045

Applicant and Facility Information

Applicant Name	<u>Allegheny Bradford Corporation</u>	Facility Name	<u>Allegheny Bradford Manufacturing South Avenue</u>
Applicant Address	<u>PO Box 200 Bradford, PA 16701-0200</u>	Facility Address	<u>1522 South Avenue Lewis Run, PA 16738-9704</u>
Applicant Contact	<u>John Smith</u>	Facility Contact	<u>John Smith</u>
Applicant Phone	<u>(814) 362-2590</u>	Facility Phone	<u>(814) 362-2590</u>
Client ID	<u>131785</u>	Site ID	<u>456905</u>
SIC Code	<u>3471</u>	Municipality	<u>Lewis Run Borough</u>
SIC Description	<u>Manufacturing - Plating And Polishing</u>	County	<u>McKean</u>
Date Application Received	<u>February 16, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 18, 2021</u>	If No, Reason	<u></u>
Purpose of Application	<u>An Individual NPDES Permit for an existing discharge of stormwater for industrial activities.</u>		

Summary of Review

Allegheny Bradford MFG South Avenue facility was not previously covered by a No Exposure certification or stormwater permit. Because of the lack of a permit and the stormwater discharges to a high-quality stream (Lewis Run), the department has requested that this facility submitted for an Individual Stormwater Permit for Industrial Activity.

This facility does stainless steel fabrication of tanks and heat exchangers, SIC Code 3471.

This permit does not qualify for a general PAG-03 permit because it discharges to Lewis Run, which has an HQ-CWF stream designation.

There are no open violations for subject client no. 131785 as of December 30, 2021.

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		Jon F. Bucha Jonathan F. Bucha / Civil Engineer General	December 30, 2021
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	January 4, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>41° 51' 59.65"</u>	Longitude	<u>-78° 40' 6.83"</u>
Quad Name	<u>Lewis Run</u>	Quad Code	<u>0416</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Lewis Run (HQ-CWF)</u>	Stream Code	<u>57058</u>
NHD Com ID	<u>112370327</u>	RMI	<u>0.89</u>
Drainage Area	<u>13.5 mi²</u>	Yield (cfs/mi ²)	<u>0.176</u>
Q ₇₋₁₀ Flow (cfs)	<u>2.376</u>	Q ₇₋₁₀ Basis	<u>USGS Gage# 03010950 ('47-'58)</u>
Elevation (ft)	<u>1564 (Google Earth)</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>16-C</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>--</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake		<u>-</u>	
PWS Waters	<u>-</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>-</u>

Changes Since Last Permit Issuance: N/A

Other Comments: Because Lewis Run has a High-Quality stream designation, an Individual Industrial Stormwater permit is required to ensure the stream is being protected.

Development of Effluent Limitations

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>41° 51' 59.65"</u>	Longitude	<u>-78° 40' 6.83"</u>
Wastewater Description:	<u>Stormwater</u>		

Best Professional Judgment (BPJ) Limitations

Comments: Monitoring for parameters listed in Module 1 of the NPDES Industrial Waste Permit Application will be incorporated into the permit to demonstrate compliance with the “non-degrading discharge” condition of 25 Pa. Code Chapter 93.4a. A continual assurance of this will be done through the establishment of 1/year monitoring in place of once every 5 years monitoring required on the No Exposure Certification.

Anti-Backsliding

Anti-backsliding does not apply.

Antidegradation Evaluation

This facility was not previously covered by a No Exposure certification or stormwater permit. Because Lewis Run has a High Quality (HQ) stream designation, an Individual Industrial Stormwater permit is required to ensure the stream is being protected. However, anti-degradation procedures were followed since this permit involves a “new” discharge to a High Quality (HQ) designated stream (considered “new” because it was not in existence and/or has been expanded since the stream was designated as High Quality).

The Department has determined that the permittee is demonstrating the “non-degrading discharge” condition of 25 Pa. Code Chapter 93.4a will be achieved because the site meets “no exposure” conditions. In general, DEP considers industrial stormwater discharges that are controlled by post-construction stormwater management BMPs implemented under 25 Pa. Code Chapter 102 and “no exposure” conditions to be non-degrading. For existing stormwater discharges to HQ/EV waters seeking permit coverage for the first time such as this facility, DEP may also consider existing stormwater quality data. The site does have stormwater controls that are existing and have been in-place for many years (see attached Google Earth aerial imagery showing minimal difference in site conditions between 2001 and 2019. The condition of “no exposure” appears to be met at this facility and the site plans to continue no exposure conditions in the future. The permit application provided a stormwater sample for outfall 001, which showed effluent concentrations to be slightly exceeding no exposure benchmark values for Oil & Grease (7 mg/L > 5 mg/L), COD (62 mg/L > 30 mg/L), TSS (142 mg/L > 30 mg/L), and Total Nitrogen (2.55 mg/L > 2.0 mg/L). BOD5 was not reported at a low enough QL, these values are “benchmarks” only and there is no reason from the site conditions to believe that the industrial activity is creating exceedances. However, effluent quality of the “no exposure” benchmark value parameters will be monitored as a condition of the permit at a frequency of 1/year for further evaluation in future permit renewals. This will provide the Department with at least 5 effluent samples compared to the one required by the application.

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	XXX	Report	XXX	XXX	1/year	Grab
BOD5	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
COD	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
TSS	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
Oil and Grease	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab
Total Iron	XXX	XXX	XXX	Report	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 (prior to mixing with other water).

Google Earth Aerial Imagery (October 2019)



Google Earth Aerial Imagery (April 2001)

