

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0272108
APS ID 1117628
Authorization ID 1491885

Applicant and Facility Information

| | | | |
|---------------------------|--|------------------|--|
| Applicant Name | <u>Brownlee Lumber, Inc.</u> | Facility Name | <u>Brownlee Lumber Manufacturing</u> |
| Applicant Address | <u>2652 Hazen Richardsville Road</u> <u>Brookville, PA 15825-7616</u> | Facility Address | <u>2652 Hazen Richardsville Road</u> <u>Brookville, PA 15825-7616</u> |
| Applicant Contact | <u>Matt Brownlee, Operations Specialist</u> <u>(matt@brownleelumber.com)</u> | Facility Contact | <u>Matt Brownlee, Operations Specialist</u> <u>(matt@brownleelumber.com)</u> |
| Applicant Phone | <u>(814) 328-2991</u> | Facility Phone | <u>(814) 328-2991</u> |
| Client ID | <u>96166</u> | Site ID | <u>466351</u> |
| SIC Code | <u>2421</u> | Municipality | <u>Warsaw Township</u> |
| SIC Description | <u>Manufacturing - Sawmills and Planing Mills, General</u> | County | <u>Jefferson</u> |
| Date Application Received | <u>June 18, 2024</u> | EPA Waived? | <u>Yes</u> |
| Date Application Accepted | <u>July 12, 2024</u> | If No, Reason | <u>-</u> |
| Purpose of Application | <u>Renewal of an NPDES Individual Industrial Waste Permit for an existing discharge of stormwater.</u> | | |

Summary of Review

Act 14 - Proof of Notification was submitted and received.

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

There are no open violations in efacts associated with the subject Client ID 96166 as of 6/12/2025.

| Approve | Deny | Signatures | Date |
|---------|------|---|-----------|
| X | | Stephen A. McCauley | 6/12/2025 |
| | | Stephen A. McCauley, E.I.T. / Project Manager | |
| X | | Adam Olesnanik | 6/17/2025 |
| | | Adam Olesnanik, P.E. / Environmental Engineer Manager | |

Discharge, Receiving Waters and Water Supply Information

| | | | |
|---|--|------------------------------|------------------------|
| Outfall No. | <u>001</u> | Design Flow (MGD) | <u>0.00</u> |
| Latitude | <u>41° 13' 50.46"</u> | Longitude | <u>-78° 59' 48.72"</u> |
| Quad Name | <u>-</u> | Quad Code | <u>-</u> |
| Wastewater Description: <u>Stormwater</u> | | | |
| Receiving Waters | <u>Unnamed Tributary to the Pekin Run (HQ-CWF)</u> | Stream Code | <u>N/A</u> |
| NHD Com ID | <u>123859801</u> | RMI | <u>N/A</u> |
| Drainage Area | <u>-</u> | Yield (cfs/mi ²) | <u>-</u> |
| Q ₇₋₁₀ Flow (cfs) | <u>-</u> | Q ₇₋₁₀ Basis | <u>-</u> |
| Elevation (ft) | <u>-</u> | Slope (ft/ft) | <u>-</u> |
| Watershed No. | <u>17-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>Brookville Municipal Authority</u> | | |
| PWS Waters | <u>North Fork Creek</u> | Flow at Intake (cfs) | <u>9.83</u> |
| PWS RMI | <u>0.3</u> | Distance from Outfall (mi) | <u>9.0</u> |

* - The receiving stream is tributary to the Pekin Run, which is tributary to the North Fork Redbank Creek. The North Fork Redbank Creek was designated as a conservation area in 1973, which provided similar protections as the current high-quality designations. The North Fork Redbank Creek was designated for high-quality protection with the 1979 rulemaking.

Brownlee Lumber was started in 1973, and the sawmill was built in 1978 (see Attachment 4). Based on the history of this facility, the stormwater discharges are considered grandfathered with respect to the Anti-Degradation requirements in Chapter 93.

Both outfalls at the Brownlee Lumber Manufacturing site have sedimentation traps prior to discharging.

The monitoring set in this renewal are retained from the previous permit which is based on the stormwater monitoring requirements for Appendix D facilities from the PAG-03 General Permit. Due to the changes in the Appendices of the PAG-03 Permit in the recent renewal, additional monitoring was added for Total Nitrogen and Total Phosphorus.

Compliance History

DMR Data for Outfall 001 (from May 1, 2024 to April 30, 2025)

| Parameter | APR-25 | MAR-25 | FEB-25 | JAN-25 | DEC-24 | NOV-24 | OCT-24 | SEP-24 | AUG-24 | JUL-24 | JUN-24 | MAY-24 |
|--|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Flow (MGD) Semi-Annual Average | | | | | 0.00576 | | | | | | 0.0432 | |
| pH (S.U.) Instantaneous Minimum | | | | | 7.3 | | | | | | 7.2 | |
| pH (S.U.) Instantaneous Maximum | | | | | 7.3 | | | | | | 7.2 | |
| DO (mg/L) Instantaneous Minimum | | | | | 11 | | | | | | 11.7 | |
| COD (mg/L) Semi-Annual Average | | | | | < 50 | | | | | | < 50 | |
| TSS (mg/L) Semi-Annual Average | | | | | 8 | | | | | | 14 | |
| Total Arsenic (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |
| Total Chromium (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |
| Total Copper (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |
| Pentachloro-phenol (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |

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 | Semi-Annual Average | Maximum | Instant. Maximum | | |
| Flow (MGD) | Report SEMI AVG | XXX | XXX | XXX | XXX | XXX | 1/6 months | Estimate |
| pH (S.U.) | XXX | XXX | Report Inst Min | XXX | XXX | Report | 1/6 months | Grab |
| Dissolved Oxygen | XXX | XXX | Report Inst Min | XXX | XXX | XXX | 1/6 months | Grab |
| COD | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| TSS | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Total Nitrogen | XXX | XXX | XXX | XXX | Report Daily Max | XXX | 1/6 months | Calculation |
| Total Phosphorus | XXX | XXX | XXX | XXX | Report Daily Max | XXX | 1/6 months | Grab |
| Arsenic, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Chromium, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Copper, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Pentachloro-phenol (2) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |

(1) Facilities that use chromium/copper/arsenic formulations must monitor for Total Arsenic, Total Chromium and Total Copper. For all other facilities, monitoring for Total Arsenic, Total Chromium and Total Copper is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

(2) Facilities that use chlorophenolic formulations must monitor for Pentachloro-phenol. For all other facilities, monitoring for Pentachloro-phenol is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

Samples taken at the following location: Outfall 001, prior to mixing with any other wastewaters.

Monitoring for Flow, pH, Dissolved Oxygen, COD, TSS, Total Nitrogen, Total Phosphorus, Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol is based on the stormwater monitoring requirements for Appendix D facilities from the PAG-03 General Permit.

This facility is subject to the ELGs under §429.124 - New source performance standards (NSPS), which states that, "There shall be no discharge of process wastewater pollutants into navigable waters".

| Discharge, Receiving Waters and Water Supply Information | | | |
|--|---|--------------------------------|-----------------|
| Outfall No. | 002 | Design Flow (MGD) | 0.00 |
| Latitude | 41° 13' 43.38" | Longitude | -78° 59' 51.06" |
| Quad Name | - | Quad Code | - |
| Wastewater Description: Stormwater | | | |
| Receiving Waters | Unnamed Tributary to the Pekin Run (HQ-CWF) | Stream Code | N/A |
| NHD Com ID | 123859801 | RMI | N/A |
| Drainage Area | - | Yield (cfs/mi ²) | - |
| Q ₇₋₁₀ Flow (cfs) | - | Q ₇₋₁₀ Basis | - |
| Elevation (ft) | - | Slope (ft/ft) | - |
| Watershed No. | 17-C | Chapter 93 Class. | HQ-CWF |
| Existing Use | - | Existing Use Qualifier | - |
| Exceptions to Use | - | Exceptions to Criteria | - |
| Assessment Status | Attaining Use(s) | | |
| Cause(s) of Impairment | - | | |
| Source(s) of Impairment | - | | |
| TMDL Status | - | Name | - |
| Background/Ambient Data | | Data Source | |
| pH (SU) | - | - | |
| Temperature (°F) | - | - | |
| Hardness (mg/L) | - | - | |
| Other: | - | - | |
| Nearest Downstream Public Water Supply Intake | | Brookville Municipal Authority | |
| PWS Waters | North Fork Creek | Flow at Intake (cfs) | 9.83 |
| PWS RMI | 0.3 | Distance from Outfall (mi) | 9.0 |

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 monitoring set in this renewal are retained from the previous permit which is based on the stormwater monitoring requirements for Appendix D facilities from the PAG-03 General Permit. Due to the changes in the Appendices of the PAG-03 Permit in the recent renewal, additional monitoring was added for Total Nitrogen and Total Phosphorus.

Compliance History

DMR Data for Outfall 002 (from May 1, 2024 to April 30, 2025)

| Parameter | APR-25 | MAR-25 | FEB-25 | JAN-25 | DEC-24 | NOV-24 | OCT-24 | SEP-24 | AUG-24 | JUL-24 | JUN-24 | MAY-24 |
|--|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Flow (MGD) Semi-Annual Average | | | | | 0.00288 | | | | | | 0.0072 | |
| pH (S.U.) Instantaneous Minimum | | | | | 7.0 | | | | | | 7.3 | |
| pH (S.U.) Instantaneous Maximum | | | | | 7.0 | | | | | | 7.3 | |
| DO (mg/L) Instantaneous Minimum | | | | | 11.9 | | | | | | 13.4 | |
| COD (mg/L) Semi-Annual Average | | | | | < 50 | | | | | | < 50 | |
| TSS (mg/L) Semi-Annual Average | | | | | 6 | | | | | | 15 | |
| Total Arsenic (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |
| Total Chromium (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |
| Total Copper (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |
| Pentachloro-phenol (mg/L) Semi-Annual Average | | | | | GG | | | | | | GG | |

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 | Semi-Annual Average | Maximum | Instant. Maximum | | |
| Flow (MGD) | Report SEMI AVG | XXX | XXX | XXX | XXX | XXX | 1/6 months | Estimate |
| pH (S.U.) | XXX | XXX | Report Inst Min | XXX | XXX | Report | 1/6 months | Grab |
| Dissolved Oxygen | XXX | XXX | Report Inst Min | XXX | XXX | XXX | 1/6 months | Grab |
| COD | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| TSS | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Total Nitrogen | XXX | XXX | XXX | XXX | Report Daily Max | XXX | 1/6 months | Calculation |
| Total Phosphorus | XXX | XXX | XXX | XXX | Report Daily Max | XXX | 1/6 months | Grab |
| Arsenic, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Chromium, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Copper, Total (1) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |
| Pentachloro-phenol (2) | XXX | XXX | XXX | Report | XXX | XXX | 1/6 months | Grab |

(1) Facilities that use chromium/copper/arsenic formulations must monitor for Total Arsenic, Total Chromium and Total Copper. For all other facilities, monitoring for Total Arsenic, Total Chromium and Total Copper is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

(2) Facilities that use chlorophenolic formulations must monitor for Pentachloro-phenol. For all other facilities, monitoring for Pentachloro-phenol is optional. If monitoring is not conducted, the permittee shall use a No Discharge Indicator (NODI) code on the DMR in lieu of sample data.

Samples taken at the following location: Outfall 001, prior to mixing with any other wastewaters.

Monitoring for Flow, pH, Dissolved Oxygen, COD, TSS, Total Nitrogen, Total Phosphorus, Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol is based on the stormwater monitoring requirements for Appendix D facilities from the PAG-03 General Permit.

This facility is subject to the ELGs under §429.124 - New source performance standards (NSPS), which states that, "There shall be no discharge of process wastewater pollutants into navigable waters".