

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0295965
APS ID 1090587
Authorization ID 1493291

Applicant and Facility Information

Applicant Name	<u>Domtar Paper Company LLC</u>	Facility Name	<u>Domtar North Chip Plant</u>
Applicant Address	<u>100 West Center Street</u> <u>Johnsonburg, PA 15845-1444</u>	Facility Address	<u>US Route 6 East</u> <u>Kane, PA 16735</u>
Applicant Contact	<u>Tony Casilio</u>	Facility Contact	<u>Stephanie Zuroski</u>
Applicant Phone	<u>(814) 965-6309</u>	Facility Phone	<u>(814) 965-6339</u>
Client ID	<u>254509</u>	Site ID	<u>543097</u>
SIC Code	<u>2421</u> <u>Manufacturing - Sawmills and Planing Mills, General</u>	Municipality	<u>Hamlin Township</u>
SIC Description		County	<u>McKean</u>
Date Application Received	<u>July 2, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>August 9, 2024</u>	If No, Reason	
Purpose of Application	<u>Existing discharge of Industrial Waste Stormwater</u>		

Summary of Review

This facility is a hardwood chip plant consisting of log storage and handling, debarking operations and chip and bark storage to supply raw materials to the Domtar Johnsonburg Mill (paper mill).

The stormwater discharge proposed under this permit was previously permitted under NPDES General Permit No. PAR228325. The discharge no longer qualifies for the NPDES PAG-03 general permit because the existing use of the receiving water, Lanigan Brook, is now classified as "Exceptional Value (EV)." Because this facility existed, as well as the discharge, prior to the reclassification of the stream to EV, Pennsylvania antidegradation requirements are not required to be demonstrated for the existing discharge for approval of this permit.

The discharge should be considered non-degrading, as currently being operated, through the existing utilized structural and non-structural BMPs in place, as is demonstrated with the determination that the receiving stream was achieving an existing use classification of EV with the existing discharge.

There are currently five open violations listed in EFACTS for this client, all under the Air Quality Program (1/16/2025).

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		Adam J. Pesek Adam J. Pesek, E.I.T. / Project Manager	January 16, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	January 16, 2025

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0
Latitude	41° 41' 32.4"	Longitude	-78° 42' 41.9"
Quad Name	Mount Jewett	Quad Code	0516
Wastewater Description: Stormwater associated with industrial activities.			
Receiving Waters	Lanigan Brook	Stream Code	50672
NHD Com ID	102662615	RMI	4.43
Drainage Area	0.038	Yield (cfs/mi ²)	---
Q ₇₋₁₀ Flow (cfs)	0	Q ₇₋₁₀ Basis	Dry Stream
Elevation (ft)	2040	Slope (ft/ft)	
Watershed No.	17-A	Chapter 93 Class.	CWF
Existing Use	EV(EXCEPTIONAL VALUE)	Existing Use Qualifier	RBP - Antidegradation
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			
pH (SU)	7.17	Data Source	1/23/2018 downstream water sample
Temperature (°C)	20		Default (CWF)
Hardness (mg/L)	20		1/23/2018 downstream water sample
Other:			
Nearest Downstream Public Water Supply Intake			
PWS Waters	Clarion River	PA American Water Company – Clarion Intake	
PWS RMI	33.6	Flow at Intake (cfs)	195.14
		Distance from Outfall (mi)	

Changes Since Last Permit Issuance:

Other Comments:

DEP has evaluated information indicating that the existing use of the receiving waters is different than the designated use under 25 Pa. Code § 93.9. In developing the draft NPDES permit, DEP is proposing to protect the existing use of the receiving waters. Following DEP's notice of the receipt of the application and the draft permit in the Pennsylvania Bulletin, DEP will accept written comments during the public comment period regarding DEP's tentative determination to protect the existing use. DEP will make a final determination on existing use protection for the receiving waters as part of the final permit action.

Treatment Facility Summary				
Treatment Facility Name: Domtar North Chip Plant				
WQM Permit No.	Issuance Date			
None				
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Storm Water		Sedimentation Basins		
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal

Changes Since Last Permit Issuance:

Other Comments: Treatment consists of a series of sediment traps, limestone ditch, and two sediment control ponds in series.

Compliance History	
Summary of DMRs:	DMRs have been submitted semi-annually for the past 5 years.
Summary of Inspections:	The last facility inspection was conducted on 7/1/2024. No issues or violations were noted.

Other Comments:

Development of Effluent Limitations

Outfall No. 001
Latitude 41° 41' 34.00"

Design Flow (MGD) 0
Longitude -78° 42' 40.00"

Wastewater Description: Stormwater associated with industrial activities

Technology-Based Limitations

Comments: N/A

Water Quality-Based Limitations

Comments: No water quality modeling was conducted due to this being a discharge of stormwater only.

Best Professional Judgment (BPJ) Limitations

Comments: In accordance with the Department's SOP entitled "Establishing Effluent Limitations for Individual Industrial Permits," effluent limits and monitoring requirements contained in the PAG-03 General Permit, Appendix D – Timber Products, including benchmark values, will be incorporated into this permit. These parameters include pH, total suspended solids, chemical oxygen demand, total nitrogen, and total phosphorus. Unlike the PAG-03 General Permit, the trigger for submitting for, and the initiation of, a corrective action plan was made more stringent due to the discharge being to an EV-existing use watershed.

Other Considerations

This facility does not use chlorophenolic formations or chromium, copper, or arsenic formations as part of the manufacturing process. Therefore, monitoring was not placed in the permit for pentachlorophenol, total arsenic, total chromium, or copper.

Anti-Backsliding

N/A

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" (386-0400-001), 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	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	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

Compliance Sampling Location: Outfall 001 (prior to mixing with any other waters)

Other Comments: