

Application Type	Renewal
Facility Type	Storm Water
Major / Minor	Minor

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

Application No.	PA0231789
APS ID	1087756
Authorization ID	1477699

Applicant and Facility Information

Applicant Name	Baillie Lumber Company	Facility Name	Williamsport Log Yard
Applicant Address	212 Colvin Road	Facility Address	212 Colvin Road
	Williamsport, PA 17701-1030		Williamsport, PA 17701-1030
Applicant Contact	Jonathan Hand	Facility Contact	Jonathan Hand
Applicant Phone	716-604-6475	Facility Phone	716-604-6475
Client ID	91168	Site ID	783154
SIC Code	2411	Municipality	Old Lycoming Township
SIC Description	Manufacturing - Logging	County	Lycoming
Date Application Received	May 02, 2023	EPA Waived?	Yes
Date Application Accepted	April 24, 2024	If No, Reason	Not Applicable
Purpose of Application	Issuance of individual stormwater permit to replace general stormwater coverage		

Summary of Review

INTRODUCTION

Baillie Lumber Company (Baillie) has proposed the issuance of an individual National Pollution Discharge Elimination System (NPDES) permit to authorize the discharge of industrial stormwater from their Williamsport Log Yard in Old Lycoming Township, Lycoming County.

APPLICATION

Baillie submitted the PAG-03 National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges of Stormwater Associated with Industrial Activity Notice of Intent (NOI) (DEP #3850-PM-BCW0083b). This application was received by the Department on May 02, 2023. During the administrative review, it was determined that an individual permit would be required due to a change in the Designated Use of the receiving stream. The individual permit application package was considered administratively complete on April 04, 2024. Jonathan Hand, Manager, is both the client and site contact. His additional contact information is (email) jhand@baillie.com.

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 case file, permit application package and the draft permit will be available for public review at the Department's Northcentral Regional Office. The address is 208 West Third Street, Suite 101, Williamsport, PA 17701. An appointment can be made to review these materials during the comment period by calling the file coordinator at 570-327-3636.

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Approve	Return	Deny	Signatures	Date
X			Jeffrey J. Gocek, EIT Project Manager 	04/10/2025
X			Nicholas W. Hartranft, PE Environmental Engineer Manager 	04/10/2025

Summary of Review										
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COMPLIANCE HISTORY

The WMS Query Open Violations by Client revealed no unresolved violations for Baillie.

The Department performed two site inspections in 2024. The first, performed April 24, 2024, was a routine partial inspection. Violations documented during this inspection include 1. failure to submit annual reports (2022 and 2023), 2. failure to submit discharge monitoring report for second half of 2023, 3. failure to submit DMR for second half of 2022 and 4. failure to monitor pollutants as required by the NPDES permit. The report also documented benchmark exceedances in DMRs submitted in the past. An ineffective silt sock was observed not preventing the discharge of sediment.

The second inspection, performed August 22, 2024, was also a routine partial inspection. Documents identified as not submitted in April 2024 were presented to the Department and clarifications were made regarding reporting codes. An annual inspection form was presented to the permittee for use in future submissions. The Preparedness, Prevention and Contingency (PPC) Plan was reviewed. Pieces of tree bark were observed accumulating on the grate which discharges runoff through Outfall 001.

The following is recent DMR data for Outfalls 001 and 002 under a previous NPDES permit at this site. See below.

	2020		2021		2022		2023		2024	
001	1	2	1	2	1	2	1	2	1	2
Total Arsenic	0.00189	0.00116	E	0.00123	0.032	E	0.0085	E	E	
COD	70.3	62.4	E	103	305	E	464	E	E	
Total Chromium	< 0.020	< 0.020	E	< 0.020	0.028	E	0.012	E	E	
Total Copper	0.00637	0.00312	E	0.00404	0.056	E	0.02	E	E	
Pentachlorophenol	0.006	< 0.0025	E	< 0.0025	< 0.01	E	< 0.0685	E	E	
pH	7.9	7.6	E	7.8	8.2	E	8.0	E	E	
Total Nitrogen								E	E	
Total Phosphorus								E	E	
TSS	160	37	E	23	538	E	2270	E	E	
002	1	2	1	2	1	2	1	2	1	2
Total Arsenic	0.00123	< 0.001	E	0.00183	< 0.01	E	0.0092	E	E	
COD	161	< 25.0	E	79.7	130	E	405	E	E	
Total Chromium	< 0.020	< 0.020	E	< 0.020	< 0.01	E	0.0055	E	E	
Total Copper	0.0105	0.00179	E	0.00667	< 0.01	E	0.013	E	E	
Pentachlorophenol	< 0.0025	< 0.0025	E	< 0.0025	< 0.01	E	< 0.0305	E	E	
pH	7.9	7.7	E	7.7	7.8	E	8.0	E	E	
Total Nitrogen								E	E	
Total Phosphorus								E	E	
TSS	640	9.0	E	80	30	E	257	E	E	

PREVIOUS NPDES PERMIT

Industrial stormwater from this facility was previously regulated through a NPDES General Permit for Discharges of Stormwater Associated with Industrial Activity (PAG-03) coverage. Since the designated use of the receiving stream, Beautys Run, was upgraded from Warm Water Fishes (WWF) to Exceptional Value (EV) an individual permit is required. General permit coverages cannot be issued in watersheds of special protection streams (HQ and EV).

INDUSTRIAL ACTIVITY

See Attachment 01 for a map of the location.

Baillie maintains a log storage yard in Old Lycoming Township, Lycoming County. The log yard receives logs, sorts by grade and species and then provides the logs for sale both domestically and internationally. Logs are stored in manner which allows for contact with precipitation.

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Summary of Review

Raw materials, such as lubricants, coatings and diesel fuel are stored within buildings which do not contain floor drains. Most of the property is gravel with a large portion used for log storage. There is also precipitation from the roof drains of numerous buildings.

According to the application materials, the applicant lists the Standard Industrial Classification (SIC) Code as 2411 (*Log Storage and Handling*). According to <https://www.osha.gov/>, 2411 is defined as "Establishments primarily engaged in cutting timber and producing rough, round, hewn, or riven primary forest or wood raw materials, or in producing wood chips in the field".

See Attachment 02 for a site layout.

OUTFALLS

Outfall characteristics are as follows.

Outfall	Latitude	Longitude	Drainage Area	Stream	RMI	Location	Representative Outfall
001	41°17'31"	-77°03'40".	174,000 ft ²	Beautys Run	0.2	South	Not Applicable
002	41°17'22"	-77°03'33".	261,000 ft ²	Beautys Run	0.2	North	001

RECEIVING STREAM

Stream Characteristics

The receiving stream is Beautys Run, located to the west of the site. According to 25 PA § 93.9L, this stream is protected for Exceptional Value (EV) and Migratory Fishes (MF). These are the streams *Designated Uses*, which are defined in 25 PA § 93.1 as "those uses specified in §§ 93.9a – 93.9z for each waterbody or segment whether or not the use is being attained". Designated uses are regulations promulgated by the Environmental Quality Board (EQB) throughout the rulemaking process. This stream currently has no *Existing Use*, which is defined in 25 PA § 93.1 as "those uses actually attained in the waterbody on or after November 28, 1975 whether or not they are included in the water quality standards".

This stream is identified by Department stream code 20520. Beautys Run is in drainage list L and state water plan watershed 10A. This stream is tributary to Lycoming Creek, which currently has a main stem Existing Use of Exceptional Value (EV). EV is the Department's highest level of surface water protection.

Stream Impairment

Beautys Run, according to the Department's Integrated Water Quality Report, is not attaining its designated uses for Recreation due to a cause of pathogens from an unknown source. Beautys Run is attaining its designated uses for Aquatic Life. A Total Maximum Daily Load (TMDL) was developed for the Lycoming Creek watershed in 2014. This TMDL addressed low pH due to atmospheric deposition.

PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN

A Preparedness, Prevention and Contingency (PPC) Plan for this site was submitted with the *NPDES Application for Individual Permit to Discharge Industrial Stormwater*. This plan is dated April 2014.

The Best Management Practices (BMPs) detailed in the PPC Plan are material compatibility, pre-release planning, inspection/monitoring program, preventative maintenance, housekeeping program, security, external factor planning, and employee training. Drainage ditches, with both rock and vegetative liners, are also employed.

DEVELOPMENT OF STORMWATER MONITORING

The following monitoring requirements were developed as Appendix D of the Department's *Authorization to Discharge Under the NPDES General Permit for Discharges of Stormwater Associated with Industrial Activity* (PAG-03, revised December 2022). This appendix identified pollutants of concern associated with various Timber Products industries.

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

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Summary of Review

After two years of sample data showing non-detect values, the permittee may submit a permit amendment to remove parameters which are not relevant to this operation.

Parameter	Monitoring Requirements		Benchmark Values
	Minimum Measurement Frequency	Sample Type	
Total Nitrogen (mg/L)	1/6 months	Calculation	XXX
Total Phosphorus (mg/L)	1/6 months	Grab	XXX
pH (SU)	1/6 months	Grab	9.0
Chemical Oxygen Demand (mg/L)	1/6 months	Grab	120
Total Suspended Solids (mg/L)	1/6 months	Grab	100
Pentachlorophenol (mg/L)	1/6 months	Grab	XXX
Total Arsenic (mg/L)	1/6 months	Grab	XXX
Total Chromium (mg/L)	1/6 months	Grab	XXX
Total Copper (mg/L)	1/6 months	Grab	XXX

Benchmark values are not effluent limitations. They represent the threshold concentration for the determination of whether existing site BMPs are effective in controlling or preventing stormwater pollution. Two consecutive monitoring period exceedances will require the permittee to develop and submit a corrective action plan (CAP).

Appendix D also specifies sector-specific BMPs. These will be included in the permit as a special condition. In addition to the monitoring requirements, an annual inspection will be required.

STANDARD OPERATING PROCEDURES

The review of this application was in accordance with the Department's *Standard Operating Procedure (SOP) for Clean Water Program Establishing Effluent Limitations for Individual Industrial Permits* (SOP #BPNPSM-PMT-032) and the *SOP for Clean Water Program New and Reissuance Industrial Waste and Industrial Stormwater Individual NPDES Permit Applications* (SOP #BPNPSM-PMT-001).

PROPOSED SUPPLEMENTAL DISCHARGE MONITORING REPORTS

Annual Inspection Form

Lab Accreditation Form

Non-Compliance Reporting Form

PROPOSED SPECIAL CONDITIONS

Stormwater Outfalls and Authorized Non-Stormwater Discharges

Best Management Practices

Stormwater Monitoring Requirements

Routine Inspections

Preparedness, Prevention and Contingency Plan

Other Requirements

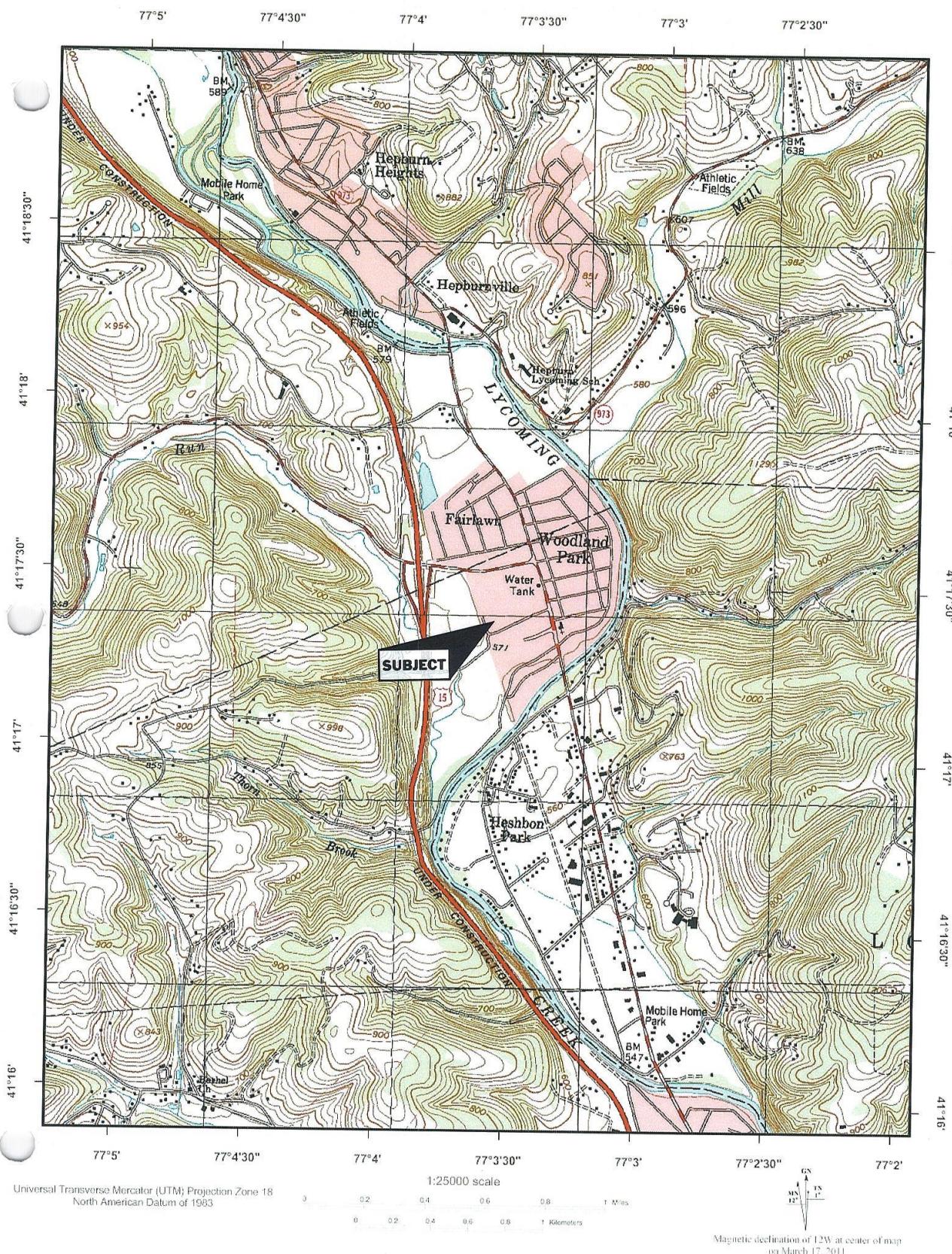
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Summary of Review								
PROPOSED STORMWATER MONITORING REQUIREMENTS								
Outfall 001 & Outfall 002 - Effective Period: <u>Permit Effective Date through Permit Expiration Date</u>								
Discharge Parameter	Mass Limits (lb/day)		Concentration Limits in mg/L, unless noted				Monitoring Requirements	
	Monthly Average	Daily Maximum	Minimum	Monthly Average	Daily Maximum	IMAX	Minimum Measurement Frequency	Required Sample Type

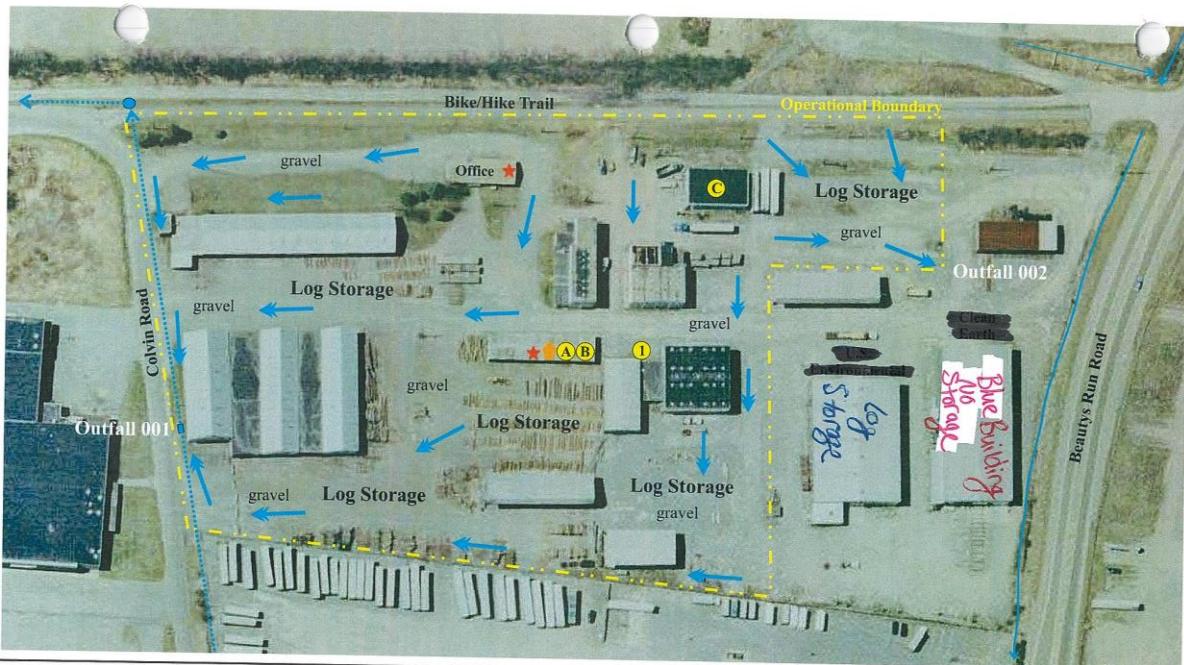
Discharge Parameter	Mass Limits (lb/day)		Concentration Limits in mg/L, unless noted				Monitoring Requirements	
	Monthly Average	Daily Maximum	Minimum	Monthly Average	Daily Maximum	IMAX	Minimum Measurement Frequency	Required Sample Type
Total Nitrogen (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
pH (SU)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Pentachlorophenol (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Arsenic (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Chromium (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Copper (mg/L)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

END of Fact Sheet.

ATTACHMENT 01



ATTACHMENT 02



LEGEND		FIGURE #2
A - 500 gal. aboveground storage tank (diesel fuel)	1 - Transformer	Baillie Lumber Company 212 Colvin Road Williamsport, PA 17701
B - 55 gal. drums (hydraulic oil)	★ - First Aid Station	April 2014
C - 330 gal. poly tote (Anchorseal log end coating)	◆ - Spill Response Material	
	<ul style="list-style-type: none"> - Municipal Storm Sewer ■ - Catch Basin → - Surface Water Flow Direction ● - Municipal Storm Sewer Manhole — - Roadside Drainage Ditch 	