pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0272761**
Facility Type	**Storm Water**	APS ID	**986798**
Major / Minor	**Minor**	Authorization ID	**1262237**

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

Applicant and Facility Information

Applicant Name	**Northwest Hardwoods, Inc.**	Facility Name	**Northwest Hardwoods Marienville Facility**
Applicant Address	10589 Campbell Road	Facility Address	237 Highland Drive
	Titusville, PA 16354		Marienville, PA 16239
Applicant Contact	Richard Motter, EHS Manager	Facility Contact	Steve baker, Facility Manager
Applicant Phone	(814) 707-4112, ext. 1005	Facility Phone	(814) 927-2226
Client ID	289149	Site ID	749826
SIC Code	2421	Municipality	Jenks Township
SIC Description	Manufacturing - Sawmills And Planing Mills, General	County	Forest County
Date Application Received	January 31, 2019	EPA Waived?	Yes
Date Application Accepted	February 21, 2019	If No, Reason	-
Purpose of Application	Renewal of an NPDES Individual Industrial Waste Permit for an existing discharge of stormwater from a lumber yard and sawmill.		

Summary of Review

Act 14 - Proof of Notification was submitted and received.

This facility is not subject to any ELGs.

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 continue to protect the uses of the receiving stream.

Part C Special Conditions:

I. Stormwater Outfalls and Authorized Non-Stormwater Discharges
II. Best Management Practices (BMPs)
III. Routine Inspections
IV. Preparedness, Prevention and Contingency (PPC) Plan
V. Stormwater Monitoring Requirements
VI. Other Requirements

There are no open violations in efacts associated with the subject Client ID (289149) as of 10/11/2019 (see attached).

Approve	Deny	Signatures	Date
X		Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	
X		Justin C. Dickey, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0.00
Latitude	41º 27' 26.53"	Longitude	-79º 09' 9.68"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to the Salmon Creek (HQ-CWF)	Stream Code	N/A
NHD Com ID	100474767	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.	16-F	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	Pennsylvania American Water Company - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	37.0

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.

Monitoring was added for Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol based on the stormwater requirements for Appendix D facilities from the PAG-03 General Permit.

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. Facilities that use chlorophenolic formulations must monitor for Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol 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.

Facility Area: See the topographical map (Attachment 1) and the aerial map (Attachment 2)

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002	Design Flow (MGD)	0.00
Latitude	41º 27' 27.01"	Longitude	-79º 09' 9.70"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to the Salmon Creek (HQ-CWF)	Stream Code	N/A
NHD Com ID	100474767	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.	16-F	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	Pennsylvania American Water Company - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	37.0

Monitoring was added for Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol based on the stormwater requirements for Appendix D facilities from the PAG-03 General Permit.

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. Facilities that use chlorophenolic formulations must monitor for Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol 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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	003	Design Flow (MGD)	0.00
Latitude	41º 27' 33.44"	Longitude	-79º 09' 20.07"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to the Salmon Creek (HQ-CWF)	Stream Code	N/A
NHD Com ID	100474767	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.	16-F	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	Pennsylvania American Water Company - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	37.0

Monitoring was added for Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol based on the stormwater requirements for Appendix D facilities from the PAG-03 General Permit.

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. Facilities that use chlorophenolic formulations must monitor for Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol 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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	004	Design Flow (MGD)	0.00
Latitude	41º 27' 32.30"	Longitude	-79º 09' 28.44"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to the Salmon Creek (HQ-CWF)	Stream Code	N/A
NHD Com ID	100474767	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.	16-F	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	Pennsylvania American Water Company - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	37.0

Monitoring was added for Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol based on the stormwater requirements for Appendix D facilities from the PAG-03 General Permit.

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. Facilities that use chlorophenolic formulations must monitor for Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol 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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	005	Design Flow (MGD)	0.00
Latitude	41º 27' 19.42"	Longitude	-79º 09' 25.54"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to the Maple Creek (HQ-CWF)	Stream Code	N/A
NHD Com ID	102666111	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-B	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	Pennsylvania American Water Company - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	37.0

No changes were made with this NPDES Permit renewal.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	006	Design Flow (MGD)	0.00
Latitude	41º 27' 18.84"	Longitude	-79º 09' 24.48"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to the Maple Creek (HQ-CWF)	Stream Code	N/A
NHD Com ID	102666111	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-B	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	Pennsylvania American Water Company - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	37.0

No changes were made with this NPDES Permit renewal.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	007	Design Flow (MGD)	0.00
Latitude	41º 27' 17.85"	Longitude	-79º 09' 20.10"
Quad Name	-	Quad Code	-
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to the Maple Creek (HQ-CWF)	Stream Code	N/A
NHD Com ID	102666111	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-B	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	Pennsylvania American Water Company - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	37.0

Monitoring was added for Total Arsenic, Total Chromium, Total Copper, and Pentachloro-phenol based on the stormwater requirements for Appendix D facilities from the PAG-03 General Permit.

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. Facilities that use chlorophenolic formulations must monitor for Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol 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.

Compliance History

DMR Data for Outfall 001 (from September 1, 2018 to August 31, 2019)

Parameter	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19	JAN-19	DEC-18	NOV-18	OCT-18	SEP-18
pH (S.U.) Minimum			7.3			6.8			7.4			7.6
pH (S.U.) Maximum			7.3			6.8			7.4			7.6
COD (mg/L) Average Monthly			70			170			165			54
TSS (mg/L) Average Monthly			48			199			173			53

DMR Data for Outfall 002 (from September 1, 2018 to August 31, 2019)

Parameter	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19	JAN-19	DEC-18	NOV-18	OCT-18	SEP-18
pH (S.U.) Minimum			7.3			6.8			7.5			7.5
pH (S.U.) Maximum			7.3			6.8			7.5			7.5
COD (mg/L) Average Monthly			76			166			72			33
TSS (mg/L) Average Monthly			72			22			22			34

DMR Data for Outfall 003 (from September 1, 2018 to August 31, 2019)

Parameter	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19	JAN-19	DEC-18	NOV-18	OCT-18	SEP-18
pH (S.U.) Minimum			7.2			7.2			8.0			7.9
pH (S.U.) Maximum			7.2			7.2			8.0			7.9
COD (mg/L) Average Monthly			122			84			66			17
TSS (mg/L) Average Monthly			124			300			130			87

DMR Data for Outfall 004 (from September 1, 2018 to August 31, 2019)

Parameter	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19	JAN-19	DEC-18	NOV-18	OCT-18	SEP-18
pH (S.U.) Minimum			7.3			7.3			7.8			7.5
pH (S.U.) Maximum			7.3			7.3			7.8			7.5
COD (mg/L) Average Monthly			< 50			10			13			27
TSS (mg/L) Average Monthly			12			7			5			< 3

DMR Data for Outfall 007 (from September 1, 2018 to August 31, 2019)

Parameter	AUG-19	JUL-19	JUN-19	MAY-19	APR-19	MAR-19	FEB-19	JAN-19	DEC-18	NOV-18	OCT-18	SEP-18
pH (S.U.) Minimum			7.1			7.0			7.8			7.3
pH (S.U.) Maximum			7.1			7.0			7.8			7.3
COD (mg/L) Average Monthly			< 50			< 5			13			16
TSS (mg/L) Average Monthly			11			< 3			17			< 3

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.

Outfalls 001, 002, 003, 004, and 007, 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 Quarterly	Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Grab
COD	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Grab
TSS	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Grab
Total Arsenic (1)	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Grab
Total Chromium (1)	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Grab
Total Copper (1)	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	Grab
Pentachloro-phenol (2)	XXX	XXX	XXX	Report	XXX	XXX	1/quarter	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 Pentachlorophenol. For all other facilities, monitoring for Pentachlorophenol 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.

Compliance Sampling Location: at Outfalls 001, 002, 003, 004, and 007.

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

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.

Outfalls 005 and 006, 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 Quarterly	Maximum	Instant. Maximum		
This discharge shall consist solely of stormwater runoff from the unused log yard area. Refer to the Special Condition in Part C.								

Compliance Sampling Location: at Outfalls 005 and 006.