pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0232882**
Facility Type	**Storm Water**	APS ID	**1058468**
Major / Minor	**Minor**	Authorization ID	**1387909**

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

Applicant and Facility Information

Applicant Name	**Glenn O Hawbaker Inc.**	Facility Name	**Pleasant Gap Rail Facility**
Applicant Address	1952 Waddle Road Suite 203	Facility Address	State Route 26 Highway
	State College, PA 16803-1649		Pleasant Gap, PA 16823
Applicant Contact	Ben Welch	Facility Contact	Ben Welch
Applicant Phone	(814) 470-6267	Facility Phone	(814) 470-6267
Client ID	8338	Site ID	721917
SIC Code	4789	Municipality	Spring Township
SIC Description	Trans. & Utilities - Transportation Services, Nec	County	Centre
Date Application Received	March 7, 2022	EPA Waived?	Yes
Date Application Accepted	Marc 7, 2022	If No, Reason	

Purpose of Application: Renewal of existing individual industrial stormwater NPDES permit.

Summary of Review

The existing facility is a bulk storage railway facility for salt, recycled asphalt, and washed stone. The facility has with a Standard Industrial Classification (SIC) code of 4789 (transportation services, not elsewhere classified). The facility utilizes a railway that is adjacent to the property. Stormwater discharges associated with the above industrial activities from the facility are subject to the requirements of 40 CFR 122.26(b)(14). Therefore, the applicant is seeking renewal of the existing individual NPDES permit for the 4 existing outfalls at the facility. A description of each discharge and the receiving water body will be provided later in this document.

The construction and operation of the facility was originally permitted through Water Quality Management (WQM) Permit No. 1409202 that was issued on 10/2/2009. The WQM permit incorporates the facilities Prevention, Preparedness, and Contingency (PPC) plan.

The Department's Standard Operating Procedures (SOPs) for reviewing and issuing NPDES Industrial Waste permits were used during the review of this application unless otherwise stated.

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		*Chad A. Fabian* Chad A. Fabian / Project Manager	January 25, 2023
X		*Nicholas W. Hartranft, P.E.* Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	January 26, 2023

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001, 002, 003	Design Flow (MGD)	N/A
Latitude	001-40º 52' 22" 002-40º 52' 22.6" 003-40º 52' 24"	Longitude	001-77º 43' 54" 002-77º 43' 52.7" 003-77º 43' 51"
Quad Name	Mingoville	Quad Code	5-13.4
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Gap Run (abandoned mine pool)	Stream Code	n/a
NHD Com ID	n/a	RMI	n/a
Elevation (ft)	1000	Slope (ft/ft)	N/a
Watershed No.	9-C	Chapter 93 Class.	CWF, MF
Existing Use	CWF, MF	Existing Use Qualifier	n/a
Exceptions to Use	None	Exceptions to Criteria	n/a
Assessment Status	Attaining Use(s)		
Nearest Downstream Public Water Supply Intake	n/a		

The above discharges are from the asphalt storage pad that is used to store materials onsite. The pad is bermed and divided into 3 sections, each of which have stormwater outlets that can be opened to allow each section to direct discharge to an abandoned mine pool at their adjacently owned Whiterock Quarry. It is widely believed that this mine pool is a conduit to Logan Branch, which is considered a HQ-CWF per the Department's Chapter 93 Regulations. When these outlets are closed, the stormwater from each section continues to the onsite stormwater detention basin, where it is eventually hauled offsite for approved treatment or use.

Changes Since Last Permit Issuance: The applicant no longer intends to store coal on any of the pads.

Other Comments: The applicant stores washed stone and recycled asphalt on all 3 sections of pad. Salt is only stored on the western section (section 3) of the pad associated with outfall 003. When salt is stored on the pad, outfall 003 is blocked off any all stormwater is conveyed to the stormwater impoundment. When there is not any salt stored on the pad, outfall 003 is opened for stormwater discharge.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	004	Design Flow (MGD)	0
Latitude	40º 52' 25"	Longitude	77º 43' 60"
Quad Name	Mingoville	Quad Code	5-13.4
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Gap Run	Stream Code	65038
NHD Com ID	67179298	RMI	0.2500
Drainage Area	n/a	Yield (cfs/mi^2)	n/a
Q_{7-10} Flow (cfs)	n/a	Q_{7-10} Basis	n/a
Elevation (ft)	1000	Slope (ft/ft)	
Watershed No.	9-C	Chapter 93 Class.	CWF, MF
Existing Use	CWF-MF	Existing Use Qualifier	n/a
Exceptions to Use	None	Exceptions to Criteria	None
Assessment Status	Attaining Use(s)		
Nearest Downstream Public Water Supply Intake	Near Milton, PA on West Branch Susquehanna River over 100 miles downstream.		

For every 20,000 tons of salt stored onsite, the salt pile is required to be covered via a tarp in accordance with the BMPs outlined in the PPC Plan. Stormwater that contacts uncovered salt is drained from the pad into the onsite stormwater impoundment and then is hauled offsite for treatment at the Altoona WWTP. When the salt pile, or portions of the pile are covered with a tarp, as per the PPC Plan, "over tarping water" is directed to Outfall 004. This "over tarping water" is stormwater that contacts the tarp and is directed off the asphalt storage pad before contacting any salt. The over tarping water is directed to an Unnamed Tributary to Gap Run and is subject to the same monitoring requirements and benchmarks of Appendix K of the Department's General Permit for Discharges of Stormwater Associated with Industrial Activities.

Compliance History	
Summary of eDMRs:	A review of the semi annual eDMR sampling results show that the outfalls are meeting all the benchmarks in Part C of the NPDES Permit.
Summary of Inspections:	The most recent inspection performed by the Department was conducted on April 7, 2022. No violations were noted during the inspection.

Development of Effluent Requirements

All of the discharges are stormwater discharges related to industrial activities subject to the requirements of 40 CFR 122.26(b)(14). In accordance with the Department's SOP for Establishing Effluent Limitations for Individual Industrial Waste Permits (BPNPSM-PMT-032), the applicable effluent monitoring requirements and BMPs from the PAG03 permit will be incorporated into Part A and Part C of the permit. Outfall 004 is applicable to Appendix K (Salt Storage and Distribution Piles). Outfalls 001, 002 and 003 are applicable to Appendix M (Asphalt Paving and Miscellaneous Products of Coal). The respective appendixes will be incorporated into the stormwater requirements in Part A and Part C of this NPDES Permit.

The Part A effluent monitoring requirements for Outfalls 001, 002, and 003 be as follows:

Parameters	Mass Units (lbs/day)		Concentrations (mg/L)			
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX
Chlorides*	XXX	XXX	XXX	XXX	Report	XXX

*Included to assure chlorides are not exceeding benchmarks from any salt pile operations

The Part A effluent monitoring requirements for Outfall 004 will be as follows:

Parameters	Mass Units (lbs/day)		Concentrations (mg/L)			
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX
Total Dissolved Solids	XXX	XXX	XXX	XXX	Report	XXX
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX
Chlorides*	XXX	XXX	XXX	XXX	Report	XXX

As in the existing permit, a Part C condition will include the applicable benchmark values from the PAG03 Appendix K and Appendix M. These benchmark values will be applicable to outfalls as follows:

Parameter	Monitoring Requirements (1),(2),(3)		Benchmark Values
	Minimum Measurement Frequency (4)	Sample Type	
pH (S.U.)	1 / 6 months	Grab	9.0
Total Suspended Solids (TSS) (mg/L)	1 / 6 months	Grab	100
Total Dissolved Solids (mg/L)	1 / 6 months	Grab	XXX
Chloride (mg/L)	1 / 6 months	Grab	2,000
Oil and Grease* (mg/l)	1 / 6 months	Grab	30

*Applicable to 001, 002 and 003 only.

The permittee must monitor and report analytical results for the parameters listed above on Discharge Monitoring Reports (DMRs) and report the results through the Department's eDMR system. The benchmark values listed above are not effluent limitations, and exceedances do not constitute permit violations. However, if the permittee's sampling demonstrates exceedances of benchmark values for two consecutive monitoring periods, the permittee shall submit a corrective action plan within 90 days of the end of the monitoring period triggering the plan.

Best Professional Judgement

Monitoring of chlorides, with associated Part C benchmarks, is proposed for all discharge, even for sections of the pad where salt is not expected to be stored. This is to assure that chlorides above benchmark values are not being discharged from the facility.

Anti-Backsliding

None of the existing effluent limitations are proposed to be relaxed in this draft 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.

Outfall 001, Outfall 002, and Outfall 003, 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	XXX
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	XXX
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	XXX
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	XXX
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	XXX
Chloride	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	XXX

Compliance Sampling Location: Outfalls 001, 002, and 003

Other Comments: None

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 004, 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
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Dissolved Solids	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
Chlorides*	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: 004

Other Comments:

-All of the above monitoring and reporting requirements are the same as the existing permit.
-The PPC Plan has been updated since the last permit issuance. Tarping of salt will only be required to be performed per every 20,000 tons of salt added to the pile. No discharge is permitted through Outfall 003 if salt remains in that section of the pad. When salt is stored on the section 3 of the pad, stormwater shall be directed to the onsite stormwater impoundment or through Outfall 004 as "over tarping water."

It is recommended the permit be drafted as described above.