

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0256072
APS ID 1051873
Authorization ID 1376548

Applicant and Facility Information

Applicant Name	<u>RiverLift Industries, Inc.</u>	Facility Name	<u>Glasshouse Road Site</u>
Applicant Address	<u>PO Box 532 1000 Madison Avenue</u> <u>West Elizabeth, PA 15088-0532</u>	Facility Address	<u>1000 Glass House Road</u> <u>Clairton, PA 15025-2551</u>
Applicant Contact	<u>Robert Schaefer</u>	Facility Contact	<u>Robert Schaefer</u>
Applicant Phone	<u>(412) 384-8420</u>	Facility Phone	<u>(412) 384-8420</u>
Client ID	<u>302298</u>	Site ID	<u>853247</u>
SIC Code	<u>5169</u>	Municipality	<u>Jefferson Hills Borough</u>
SIC Description	<u>Wholesale Trade - Chemicals and Allied Products</u>	County	<u>Allegheny</u>
Date Application Received	<u>November 5, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>December 28, 2021</u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit a new large distribution salt storage pile.</u>		

Summary of Review

The Department received a New NPDES Individual Wastewater Permit application from RiverLift Industries, Inc. for its Glass House Road Site on November 05, 2021. On May 5, 2021, a pre-application call between the Department, RiverLift and their consultant Wood Environmental & Infrastructure Solution, Inc. occurred to discuss the plans for the Glass House Road Site (14.16 acres). The primary industrial operation conducted at the facility will be bulk storage of highway deicing salt and materials product and trucking. The facility is a distribution salt storage facility with an SIC code of 5169. Salt is received by railcar and distributed by trucks. The salt stockpile and rail unloading areas are both paved with asphalt, preventing downward seepage of the brine to groundwater. The stockpile area also has an asphalt curb. The facility is generally flat with a slight grade from east to west towards the Monongahela River designated as Warm Water Fishes (WWF).

If residual wastes are generated at the Johnstown Storage facility, disposal of the residual wastes must meet solid waste regulations.

Part C Conditions include, but are not limited to:

- Stormwater Outfalls and Authorized Discharges
- Best Management Practices (BMPs)
- Routine inspections
- PPC Plan
- Stormwater Monitoring
- Benchmarks
- Potential Pollution Reporting
- Other Requirements

Approve	Deny	Signatures	Date
X		 Curtis Holes, P.E. / Environmental Engineering	February 9, 2022
X		 Michael E. Fifth, P.E. / Environmental Engineer Manager	February 18, 2022

Summary of Review

Facility Stormwater Outfalls

Outfall	<u>005</u>	Lat.	<u>40° 00' 39"</u>	Long.	<u>-79° 35' 48"</u>	RMI	<u>25.03</u>	Stream	<u>Monongahela River</u>
Drainage Area	<u>74,967 ft²</u>	Percent Impervious	<u>75%</u>	Source and Characteristics: Stormwater runoff from salt storage pile and material piles to the west side of site.					
Outfall	<u>006</u>	Lat.	<u>40° 00' 40"</u>	Long.	<u>-79° 35' 55"</u>	RMI	<u>25.01</u>	Stream	<u>Monongahela River</u>
Drainage Area	<u>51,749 ft²</u>	Percent Impervious	<u>75%</u>	Source and Characteristics: <u>Stormwater runoff from the central west portion of the facility.</u>					
Outfall	<u>007</u>	Lat.	<u>40° 00' 41"</u>	Long.	<u>-79° 35' 54"</u>	RMI	<u>24.99</u>	Stream	<u>Monongahela River</u>
Drainage Area	<u>41,208 ft²</u>	Percent Impervious	<u>75%</u>	Source and Characteristics: Stormwater runoff from the central portion of the facility.					
Outfall	<u>008</u>	Lat.	<u>40° 00' 46"</u>	Long.	<u>-79° 35' 55"</u>	RMI	<u>24.97</u>	Stream	<u>Monongahela River</u>
Drainage Area	<u>55,278 ft²</u>	Percent Impervious	<u>60%</u>	Source and Characteristics: Stormwater runoff from the central east portion of the facility.					
Outfall	<u>009</u>	Lat.	<u>40° 00' 45"</u>	Long.	<u>-79° 35' 54"</u>	RMI	<u>24.95</u>	Stream	<u>Monongahela River</u>
Drainage Area	<u>47,741 ft²</u>	Percent Impervious	<u>50%</u>	Source and Characteristics: Stormwater runoff from salt storage pile and material piles to the east side of site.					

The applicant has complied with Act 14.

The Integrated Contingency Plan (PPC Plan, dated 9/2/21) was provided with the application.

RiverLift Industries has no open violations.

It is recommended that a draft permit be published for public comment in response to this application.

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.

Development of Benchmarks

Outfall No.'s	<u>005, 006, 007, 008, & 009</u>	Design Flow (MGD)	<u>0.0 (Stormwater)</u>
Latitude	<u>Varies</u>	Longitude	<u>Varies</u>
Wastewater Description: <u>Stormwater that encounters the salt storage pile.</u>			

Total Dissolved Solids (TDS)

Integral to the implementation of 25 Pa. Code § 95.10 is the principle that existing, authorized mass loadings of TDS are exempt from any treatment requirements under these provisions. Existing mass loadings of TDS up to and including the maximum daily discharge loading for any existing discharge, provided that the loading was authorized prior to August 21, 2010 are exempt. The Glasshouse Road Facility is a new facility, therefore, the requirements of 25 Pa. Code § 95.10(c) "New and expanding mass loadings of TDS not addressed in subsections (a) and (b) may not contain more than 2,000 mg/L of TDS on a monthly average, unless a variance is approved by the Department under this section."

Pursuant to 25 Pa. Code § 95.10(c), established a benchmark for TDS of 2,000 mg/L.

Oil and Grease

Pursuant to 25 Pa. Code § 95.2(2) oil and grease shall not exceed a daily average of 15 mg/L and 30 mg/L at any time, established a benchmark for Oil and Grease of 30 mg/L.

Total Suspended Solids (TSS)

Pursuant of the NPDES PAG-03 General Permit (September 2016), Appendix K – Existing Salt Storage and Distribution Sites, established a benchmark for TSS of 100 mg/L.

Chloride

Pursuant of the NPDES PAG-03 General Permit (September 2016), Appendix K – Existing Salt Storage and Distribution Sites, established a benchmark for Chloride of 2,000 mg/L.

Total Maximum Daily Load (TMDL)

Stormwater discharges from the Glasshouse Road facility are located within the Monongahela River Watersheds for which the Department has developed a TMDL. The TMDL was finalized on March 1, 1999 and establishes waste load allocations for the discharge of PCBs and Chlordane within the Monongahela River Watershed. The facility's stormwater discharge is not expected to contain parameters at concentrations that have the potential to cause or contribute to the impairment that are subject to wasteload allocation in this TMDL. The Monongahela River Watershed TMDLs are not imposed on the Glasshouse Road facility.

Monitoring Requirements Summary

Parameter	Minimum Measurement Frequency	Sample Type	Benchmark (mg/L)
TDS	1/month	Grab	2,000
Oil and Grease	1/month	Grab	30
TSS	1/month	Grab	100
Chloride	1/month	Grab	2,000

Supplemental BMP Reporting, Effective Period: Permit Effective Date through Permit Expiration Date
Self-Inspection Report – Areas of Activity and Exposure

Parameter	Monitoring Requirements	
	Minimum Frequency	Required Sample Type
Tarped Area, Build Pile	1/week	Each area estimated to the nearest 2,000 square feet. The total area of the estimations above shall equal the working area of the pad, noted as 94,900 square feet as per the permit application.
Tarped Area, Working Pile	1/week	
Un-tarped Area, Build Pile	1/week	
Un-tarped Area, Working Pile	1/week	
Site Area Swept & Free of Residue	1/week	
Remaining Area Exhibiting Residue	1/week	
Provide Supplemental Reports to the Department SWRO	Ongoing, 1/year	Reports shall be maintained on site throughout the year for review by the Department during inspections. A copy of the supplemental forms shall be provided to the Department SWRO on the anniversary of the Permit Effective Date.

Supplemental BMP Reporting, Effective Period: Permit Effective Date through Permit Expiration Date
Self-Inspection Report – BMP Checklist

Items for Inspection	Monitoring Requirements	
	Minimum Frequency	Required Sample Type
Inspect impervious pad for significant potholes, cracks or potential conduits for salt to transfer to the groundwater table.	1/week	
Inspect tarp integrity.	1/week	Estimate Horizontal Exposure of Tarped Area (ft ²)
Inspect for salt release from underneath tarp edges/through jersey barriers.	1/week	Estimate Horizontal Exposure of Un-Tarped Area (ft ²)
Inspect around the pad and surrounding area for salt residue.	1/week	
Provide Supplemental Reports to the Department SWRO	Ongoing, 1/year	Reports shall be maintained on site throughout the year for review by the Department during inspections. A copy of the supplemental forms shall be provided to the Department SWRO on the anniversary of the Permit Effective Date.

Compliance Sampling Location: Field Walk

Other Comments: General housekeeping and site awareness shall be documented weekly.

