

Application Type New
Facility Type Stormwater
Major / Minor Minor

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

Application No. PA0276600
APS ID 1071941
Authorization ID 1411328

Applicant and Facility Information

Applicant Name	<u>Lehigh-Northampton Airport Authority</u>	Facility Name	<u>Queen City Municipal Airport</u>
Applicant Address	<u>3311 Airport Road</u> <u>Allentown, PA 18109-3074</u>	Facility Address	<u>1730 Vultee Street</u> <u>Allentown, PA 18103-4741</u>
Applicant Contact	<u>Thomas R. Stoudt, Executive Director</u>	Facility Contact	<u>Kimberly Eisenhart, Operations Manager</u>
Applicant Phone	<u>(610) 266-6000</u>	Facility Phone	<u>(610) 231-5201</u>
Client ID	<u>125981</u>	Site ID	<u>580378</u>
SIC Code	<u>4581</u>	Municipality	<u>Allentown City</u>
SIC Description	<u>Trans. & Utilities - Airports, Flying Fields, And Services</u>	County	<u>Lehigh</u>
Date Application Received	<u>September 16, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>September 30, 2022</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>New Individual NPDES permit for the discharge of stormwater from an industrial facility</u>		

Summary of Review

The applicant is requesting a new individual NPDES permit for the discharge of stormwater associated with industrial activity from five existing outfalls at the Queen City Municipal Airport located in Allentown City, Leigh County, PA. The receiving stream for Outfalls 001, 002, 004, and 005 is the Little Lehigh Creek, a HQ-CWF, MF (High Quality-Cold Water Fishes, Migratory Fishes) designated stream in state water plan basin 2-C (Lower Lehigh River). According to the application, Outfall 003 discharges to the Allentown Municipal Stormwater System which leads to Trout Creek. Trout Creek is also a HQ-CWF, MF (High Quality-Cold Water Fishes, Migratory Fishes) designated stream in state water plan basin 2-C (Lower Lehigh River). As per the Department's current existing use list, the receiving streams do not have existing use classifications that are more protective than their designated uses.

The Queen City Municipal Airport (XLL) is a general aviation municipal airport and provides fueling, maintenance, and other general services for aviation aircraft, pilots, and operators. XLL is approximately 200-acres and consists of two runways, terminal building, six hangers, and other infrastructure. The property has been used as airport since 1943.

The facility is categorized by SIC code 4581 (Airports, Flying Fields, and Airport Terminal Services) and falls under Appendix G monitoring requirements of the PAG-03 General Permit. Semi-annual monitoring and reporting for total Nitrogen, Total Phosphorus, pH, 5-Day Biochemical Oxygen Demand (BOD5), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Ammonia-Nitrogen, and Total Dissolved Solids are required.

Benchmark values exist for pH, BOD5, COD, and TSS. A benchmark value is the concentration of a pollutant in stormwater discharges that serves as a threshold for the determination of whether existing site BMPs are effective in controlling stormwater pollution. The benchmark values can be found in Part C. III. F. of the permit. A corrective action plan must be submitted to DEP if the discharge concentration for the parameters exceed the benchmark values for two or more consecutive monitoring periods.

Approve	Deny	Signatures	Date
X		/s/ Allison S. Zukosky / Project Manager	July 29, 2024
X		/s/ Amy M. Bellanca, P.E. / Acting Engineer Manager	8-27-24

Summary of Review

According to the application, treatment BMPs already in place include vegetated swales, grass areas, natural depression/detention areas, an underground detention basin, a rain garden, and detention basins.

The only source of non-stormwater discharge that is expected from this site by the applicant in the next five years is water associated with limited aircraft/equipment washing. As the airport has been in operation for nearly 80 years, the applicant has determined that any non-discharge alternatives are infeasible. Given the quality of wastewater discharged from the outfalls sampled, there is not expected to be a measurable impact on the health of the receiving streams.

PPC Plan implementation and completion of an annual inspection and compliance evaluation are required under the permit.

There are currently no open violations for this client.

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.

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