

Application Type New  
Facility Type Storm Water  
Major / Minor Minor

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

Application No. PA0276936  
APS ID 1127651  
Authorization ID 1510027

**Applicant and Facility Information**

Applicant Name	<u>PEI Power LLC</u>	Facility Name	<u>PEI Power Corp</u>
Applicant Address	<u>201 Helios Way</u> <u>Houston, TX 77079-2678</u>	Facility Address	<u>170 Power Boulevard</u> <u>Archbald, PA 18403-2046</u>
Applicant Contact	<u>Emily Zumboto</u>	Facility Contact	<u>Dan Figura</u>
Applicant Phone	<u>(585) 948-4616</u>	Facility Phone	<u>(570) 396-4548</u>
Client ID	<u>111903</u>	Site ID	<u>846118</u>
SIC Code	<u>4911</u>	Municipality	<u>Archbald Borough</u>
SIC Description	<u>Trans. &amp; Utilities - Electric Services</u>	County	<u>Lackawanna</u>
Date Application Received	<u>December 16, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>December 19, 2024</u>	If No, Reason	<u></u>
Purpose of Application	<u>NEW Individual NPDES stormwater permit</u>		

**Summary of Review**

The applicant is applying for a new individual stormwater permit to discharge stormwater to Lackawanna River, a High Quality – Cold Water Fishes / Migratory Fish (HQ-CWF/MF) receiving stream in State Water Plan Basin 5-A. As per the Department's current existing list, the receiving stream does not have an existing use classification that is more protective than its designated use.

The Lackawanna River is impaired for acid mine drainage. Discharge from this facility is not expected to contribute to the impairment. The discharge is not expected to affect public water supplies.

The stormwater is directed towards Outfalls 001 in Center of the facility representing main plant industrial activities drainage area, and Outfall 002 to the south representing south plant.

The facility is primarily categorized by SIC Code 4911(electricity generation from landfill gas) which falls under **Appendix H** monitoring and reporting requirements of the PAG-03 general permit. Semi-annual monitoring and reporting are for pH, Total Suspended Solids (TSS), Oil & Grease, Total Nitrogen, Total Phosphorus and Total Iron. Benchmarks exist for Oil & Grease, TSS and pH.

Benchmark values are not effluent limitations, and exceedances do not constitute permit violations. However, if the permittee's sampling demonstrates exceedances of benchmark values for two or more consecutive monitoring periods, the permittee shall take action in accordance with Part C. V. F. of the permit. A corrective action plan must be submitted to DEP if the discharge concentration for the parameters exceeds the benchmark values for two or more consecutive monitoring periods.

Approve	Deny	Signatures	Date
X		Hakim Yesli (signed) Hakim Yesli / Environmental Engineering Specialist	December 26, 2024
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Program Manager	12-30-24

### Summary of Review

Applicant provided Spill Prevention control and countermeasure (SPCC) and preparedness Prevention Control Plan (PPC) dated September 30, 2024. Permittee is reminded to renew the plan every year or as needed.

#### Anti-degradation:

Applicant presented a non- discharge alternative analysis (Module 1). The facility was built and start discharging in year **1997**. Lackawanna river was designated as HQ Stream **September 28, 2002**. The facility is therefore grandfathered.

The industrial activities are not considered at no-exposure state as potential exposure to pollution exist, but applicant sampling results (below benchmarks) prove that discharge from the facility will not degrade the stream.

There are no non-discharges alternative considered feasible because they are either cost prohibitive, technically infeasible or environmentally unsound. Applicant is implementing available BMPs such us infiltration practices and follow a PPC and SPCC Plan to prevent pollutant from getting into a stormwater.

WMS Query by Client report returned no violations for the client.

#### Public Participation

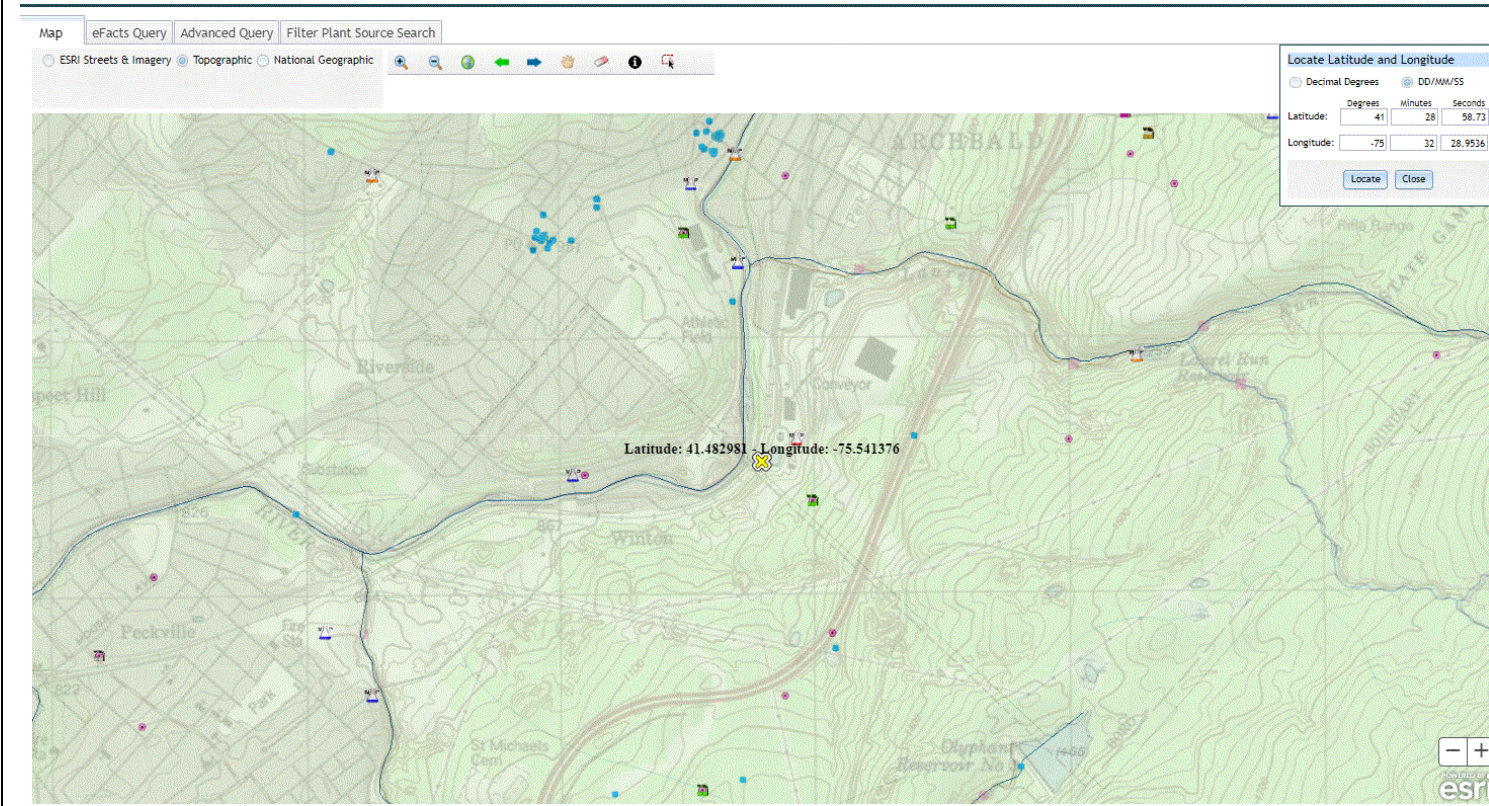
DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested 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.

Summary of Review





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eMap showing the location of the outfall (002) in south plant with Lackawanna River to the west

