

Application Type New  
Facility Type Storm Water  
Major / Minor Minor

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

Application No. PA0276669  
APS ID 1080328  
Authorization ID 1425933

**Applicant and Facility Information**

Applicant Name	<u>FXI Inc. - Archbald</u>	Facility Name	<u>FXI Inc.</u>
Applicant Address	<u>103 Power Boulevard</u> <u>Archbald, PA 18403-2012</u>	Facility Address	<u>103 Power Boulevard</u> <u>Archbald, PA 18403-2012</u>
Applicant Contact	<u>John Kratins</u>	Facility Contact	<u>Kyra Davey</u>
Applicant Phone	<u>(570) 876-4544</u>	Facility Phone	<u>(570) 397-5078</u>
Client ID	<u>274254</u>	Site ID	<u>560644</u>
SIC Code	<u>3086</u>	Municipality	<u>Archbald Borough</u>
SIC Description	<u>Manufacturing - Plastics, Foam Products</u>	County	<u>Lackawanna</u>
Date Application Received	<u>January 30, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>New individual storm water permit.</u>		

**Summary of Review**

The client (FXI, Inc) is applying for a new individual stormwater permit to discharge stormwater to Lackawanna River, a HQ-CWF/MF receiving stream in State Water Plan Basin 05-A as per the department current existing list, the receiving stream does not have an existing use classification that is more protective than its designated use.

FXI, Inc manufactures polyurethane Foam using primary raw materials. Site operations include chemical containers, bulk oil storage container, oil-filled operational equipment and transfer areas not associated with loading /unloading. Facility operations are classified under SIC Code 3086 and falls under Appendix S monitoring & reporting NPDES General Permit.

The facility contains six outfalls all of them drain to west direction. The client is sampling only the outfall 005 and 004. The applicant considers Outfall 005 as representative of 001, 002,003 and 006.

Deficiency notice was sent on April 3,2023 to address the choice of Outfall 005 as representative outfall, plus The reason for the high TSS values (305- 385 mg/L) in storm sampling results and what is being done to reduce them. An answer was received on April 13, 2023. The permittee maintains Outfall 005 as representative outfall even it does not include activities in drainage area Outfall 002 such us pallet storage, transformer & scrap metals bins. Since Outfall 002 discharges to retention pond before it discharges to the stream, it is a control point (see attached site plan).

For this permit term Outfall 002 will be linked to the primary facility and, be monitored and reported. pH benchmark in Appendix S will be applied (6.0 – 9.0 SU) as BPJ IMAX limits and TSS, total phosphorus, total nitrogen and total Zinc will be monitored and reported.

**Antidegradation:**

Alternative project siting is not feasible because this is an existing facility prior to designation date of September 28,2028

Approve	Deny	Signatures	Date
X		Hakim Yesli (signed) Hakim Yesli / Environmental Engineering Specialist	August 25, 2023
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Program Manager	8-28-23

### Summary of Review

There are no non-discharge alternatives considered feasible because they are either cost prohibitive, technically infeasible, or environmentally unsound. The client is implementing BMPs to reduce the high TSS values including silt fencing and Hay bales.

SPCC Plan contain a number of practices to avoid spills and control any leaks or spills which will end up in stormwater

WMS Query by client report was run on August 24, 2023 and no open violation exist for this client.



site plan.pdf

### 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.

