

Application Type Renewal  
Facility Type Industrial  
Major / Minor Minor

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

Application No. PA0221589  
APS ID 1066501  
Authorization ID 1401459

**Applicant and Facility Information**

Applicant Name	<u>Economic Alliance Foundation, Inc.</u>	Facility Name	<u>Linesville Business Park</u>
Applicant Address	<u>798 Bessemer Street</u> <u>Meadville, PA 16335-1856</u>	Facility Address	<u>205 North Pymatuning Street</u> <u>Linesville, PA 16424</u>
Applicant Contact	<u>James Becker, Executive Director</u> <u>(jbecker@epacc.net)</u>	Facility Contact	<u>James Becker, Executive Director</u> <u>(jbecker@epacc.net)</u>
Applicant Phone	<u>(814) 333-2299</u>	Facility Phone	<u>(814) 333-2299</u>
Client ID	<u>213061</u>	Site ID	<u>1078</u>
SIC Code	<u>4225</u>	Municipality	<u>Linesville Borough</u>
SIC Description	<u>Trans. &amp; Utilities - General Warehousing and Storage</u>	County	<u>Crawford</u>
Date Application Received	<u>June 29, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>June 30, 2022</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of an NPDES Permit for an existing discharge of Industrial Waste-related wastewaters.</u>		

**Summary of Review**

Act 14 - Proof of Notification was submitted and received.

This facility is not subject to any ELGs.

A Water Quality Management (WQM) Permit is not required at this time.

The applicant should be able to continue to meet the limits of this permit, which will continue to protect the uses of the receiving stream.

**I. OTHER REQUIREMENTS:**

- A. Right of way
- B. Solids handling
- C. NPDES Permit Supersedes WQM Permits
- D. Modification or Revocation for changes to BAT or BCT

**SPECIAL CONDITIONS**

- II. Requirements Applicable to Stormwater Outfalls

There are no open violations in efacts associated with the subject Client ID (213061) as of 5/9/2023. *5/16/2023 CWY*

Approve	Deny	Signatures	Date
X		Stephen A. McCauley	5/9/2023
		Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	
X		Chad W. Yurisc	5/16/2023
		Chad W. Yurisc, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0118</u>
Latitude	<u>41° 39' 28.60"</u>	Longitude	<u>-80° 25' 19.37"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>Groundwater Cleanup Discharge, Stormwater</u>			
Receiving Waters	<u>Linesville Creek (WWF)</u>	Stream Code	<u>36488</u>
NHD Com ID	<u>130030902</u>	RMI	<u>0.76</u>
Drainage Area	<u>-</u>	Yield (cfs/mi <sup>2</sup> )	<u>-</u>
Q <sub>7-10</sub> Flow (cfs)	<u>-</u>	Q <sub>7-10</sub> Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</u>		
TMDL Status	<u>-</u>	Name	<u>-</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>-</u>		<u>-</u>
Temperature (°F)	<u>-</u>		<u>-</u>
Hardness (mg/L)	<u>-</u>		<u>-</u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>Greenville Municipal Water Authority</u>		
PWS Waters	<u>Shenango River</u>	Flow at Intake (cfs)	<u>10.6</u>
PWS RMI	<u>8.0</u>	Distance from Outfall (mi)	<u>18.0</u>

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.

Groundwater contaminated with TCE and cis-1,2-DCE is pumped from an interceptor trench and treated with an air stripper and liquid phase carbon adsorption. Since no changes have occurred to the discharge or the receiving stream, the technology-based limits from the RREL Treatability database for air stripping technology will be retained for cis-1,2-Dichloroethylene and Trichloroethylene. The treated groundwater is discharged into the stormwater collection system on the site and discharged as a combined discharge.

Compliance History

DMR Data for Outfall 001 (from April 1, 2022 to March 31, 2023)

Parameter	MAR-23	FEB-23	JAN-23	DEC-22	NOV-22	OCT-22	SEP-22	AUG-22	JUL-22	JUN-22	MAY-22	APR-22
Flow (MGD) Average Monthly	0.0012 09	0.0046 48	0.0031 76	0.0033 53	00	0.0008 6	0.0006 9	0.0027 54	0.0027 54	0.0046 79	0.0038 66	0.0095 12
pH (S.U.) Minimum	6.88	7.40	7.40	7.81	7.62	7.81	8.0	7.85	7.66	7.66	8.35	6.87
pH (S.U.) Maximum	6.88	7.40	7.40	7.81	7.62	7.81	8.0	7.85	7.66	7.66	8.35	6.87
Oil and Grease (mg/L) Average Monthly	< 3.9	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Oil and Grease (mg/L) Instantaneous Maximum	< 3.9	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethylene (mg/L) Average Monthly	< 0.0005	< 0.0010	< 0.0010	< < 0.001	< 0.0020	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
cis-1,2-Dichloroethylene (mg/L) Instantaneous Maximum	< 0.0005	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Trichloroethylene (mg/L) Average Monthly	< 0.0005	< 0.0010	< 0.0010	< < 0.001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Trichloroethylene (mg/L) Instantaneous Maximum	< 0.0005	< 0.0010	< 0.0010	< < 0.001	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010

**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, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	2/month	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/month	Grab
Oil and Grease	XXX	XXX	XXX	15.0	XXX	30.0	1/month	Grab
cis-1,2-Dichloroethylene	XXX	XXX	XXX	0.001	XXX	0.0025	1/month	Grab
Trichloroethylene	XXX	XXX	XXX	0.012	XXX	0.03	1/month	Grab

Compliance Sampling Location: Outfall 001.

Flow is monitor only based on Chapter 92a.61. The limits for pH and Oil and Grease are technology-based on Chapter 95.2. The limits for cis-1,2-Dichloroethylene and Trichloroethylene are technology-based from the RREL Treatability database for air stripping technology.