

Application Type New  
 Facility Type Industrial  
 Major / Minor Minor

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

Application No. PA0295655  
 APS ID 1106783  
 Authorization ID 1471895

**Applicant and Facility Information**

Applicant Name	<u>FirstLight Allegheny Hydro, LLC</u>	Facility Name	<u>Allegheny 8</u>
Applicant Address	<u>99 Millers Falls Road</u> <u>Northfield, MA 01360-1005</u>	Facility Address	<u>1628 Tarrtown Road</u> <u>Adrian, PA 16210</u>
Applicant Contact	<u>Patty Goclowski, Director HS&amp;E</u> <u>(<a href="mailto:patty.goclowski@firstlight.energy">patty.goclowski@firstlight.energy</a>)</u>	Facility Contact	<u>Patty Goclowski, Director HS&amp;E</u> <u>(<a href="mailto:patty.goclowski@firstlight.energy">patty.goclowski@firstlight.energy</a>)</u>
Applicant Phone	<u>(413) 422-5904</u>	Facility Phone	<u>(413) 422-5904</u>
Client ID	<u>375400</u>	Site ID	<u>862926</u>
SIC Code	<u>4911</u>	Municipality	<u>Washington Township</u>
SIC Description	<u>Trans. &amp; Utilities - Electric Services</u>	County	<u>Armstrong</u>
Date Application Received	<u>January 9, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>February 6, 2024</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>New 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 Part II Water Quality Management permit is not required at this time.

The applicant should be able to meet the limits of this permit, which will 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. BMPs to Address Aqueous Film Forming Foam (AFFF)

There are no open violations in efacts associated with the subject Client ID (375400) as of 9/26/2024.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	9/26/2024
		(Vacant) / Environmental Engineer Manager	Okay to Draft JCD 9/27/2024

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.144</u>
Latitude	<u>40° 53' 42.67"</u>	Longitude	<u>-79° 28' 45.76"</u>
Quad Name	<u>-</u>	Quad Code	<u>-</u>
Wastewater Description: <u>IW Process Effluent without ELG</u>			
Receiving Waters	<u>Allegheny River (WWF)</u>	Stream Code	<u>42122</u>
NHD Com ID	<u>123864276</u>	RMI	<u>50.6</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>17-E</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>PA American Water Company - Kittanning District</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1,796</u>
PWS RMI	<u>45.6</u>	Distance from Outfall (mi)	<u>5.0</u>

No modeling was performed due to the wastestreams involved, and due to the dilution factor in the Allegheny River is greater than 8000:1.

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.

**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" (386-0400-001), 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	1/month	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TSS	XXX	XXX	XXX	30.0	XXX	100.0	1/month	Grab
Oil and Grease	XXX	XXX	XXX	15.0	XXX	30.0	1/month	Grab

Compliance Sampling Location: Outfall 001, prior to mixing with any other waters.

Flow is monitor only. The pH limits are technology-based on Chapter 95.2. The Total Suspended Solids and Oil and Grease limits are technology-based on 40 CFR Section 423.12, BAT for the Steam Electric Power Generating Point Source Category.