

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0233200
APS ID 1054005
Authorization ID 1380363

Applicant and Facility Information

Applicant Name	<u>PA Pellets LLC (A Delaware Corp)</u>	Facility Name	<u>PA Pellets LLC Ulysses Borough Plant</u>
Applicant Address	<u>958 State Route 49 W</u> <u>Ulysses, PA 16948-9364</u>	Facility Address	<u>958 State Route 49 W</u> <u>Ulysses, PA 16948-9364</u>
Applicant Contact	<u>Scott Garis</u>	Facility Contact	<u>Scott Garis</u>
Applicant Phone	<u>(814) 203-5174</u>	Facility Phone	<u>(814) 203-5174</u>
Client ID	<u>281711</u>	Site ID	<u>670971</u>
SIC Code	<u>2493</u>	Municipality	<u>Ulysses Borough</u>
SIC Description	<u>Manufacturing - Reconstituted Wood Products</u>	County	<u>Potter</u>
Date Application Received	<u>January 3, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>January 4, 2022</u>	If No, Reason	<u></u>
Purpose of Application	<u>NPDES stormwater</u>		

Summary of Review

The above applicant has submitted a new individual stormwater permit application to cover an existing wood pellet manufacturing facility in Ulysses Borough. The applicant purchased the facility in September of 2021 and self-disclosed the lack of the required NPDES permit to the Department upon being the new owner.

The facility has 4 stormwater outfalls, which all will be described later within this report, that all discharge to an UNT to Genesee River (CWF). The facility is eligible for permit coverage under the Department's PAG-03 (Authorization to Discharge Under the NPDES General Permit for Discharges of Stormwater Associated with Industrial Activity). However, since the Department's PAG-03 has expired and not yet been renewed, an individual permit is the only option for NPDES permit coverage. It is recommended that the proposed individual NPDES permit be replaced with the PAG-03 in the future.

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.

Approve	Deny	Signatures	Date
X		<i>Chad A. Fabian</i> Chad A. Fabian / Project Manager	July 25, 2022
X		<i>Nicholas W. Hartranft, P.E.</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	July 26, 2022

Stormwater Outfall Summary

Outfall	Latitude	Longitude	Area Drained (ft ²)	% Impervious	Activity
001	41° 53' 53.57"	-77° 46' 34.19"	93,501	36%	truck traffic on unpaved roads, finished product storage (packaged)
002	41° 53' 53.57"	-77° 46' 34.19"	159,010	46%	Dried sawdust storage on concrete pad, wood chip grinding, rotary kiln dryer and cyclones, sawdust conveyor, and truck fueling station
003	41° 53' 54.74"	-77° 46' 33.56"	83,227	30%	Unpaved roadways and dried sawdust storage on concrete pad
004	41° 54' 9.06"	-77° 46' 33.92"	631,389	6%	Raw material storage – logs, sawdust, wood chips (all undried), log chipping, Waste sawdust and woodchip stockpile

All of the above outfalls discharge to an UNT to Genesee River, which is attaining its Chapter 93 Classification of a Cold-Water Fishes (CWF). Outfalls 002 and 004 will be from stormwater detention basins located onsite. Based on the nature of each outfall and the industrial activity associated with each outfall, it is recommended that outfalls 002 and 004 be the representative sampling locations.

Compliance History	
Summary of DMRs:	No DMRs exist, since the facility currently does not have an NPDES permit.
Summary of Inspections:	No inspections have been recorded.

Determination of Effluent Limitations and Monitoring Requirements

As previously mentioned, the facility is eligible for coverage of the stormwater discharges under Appendix D the Department's PAG-03 general permit for stormwater discharges associated with industrial activities. However, the general permit has expired and has not yet been renewed. Therefore, the below proposed effluent limitations mirror Appendix D of the respective PAG-03:

Parameter	Minimum Sampling Frequency	Sample Type	Benchmark Values
pH	1/6months	Grab	XXX
Total Suspended Solids (TSS) (mg/L)	1/6months	Grab	100 mg/l
Chemical Oxygen Demand (COD) (mg/l)	1/6months	Grab	120 mg/l
Total Copper (mg/l)	1/6months	Grab	XXX
Total Chromium (mg/l)	1/6months	Grab	XXX
Total Arsenic (mg/l)	1/6months	Grab	XXX
Pentachlorophenol (mg/l)	1/6months	Grab	XXX

The permit will contain a Part C condition with the above benchmark values for COD and TSS. The benchmark values are not considered effluent limitations. However, if they are exceeded on two consecutive DMRs, a corrective action plan will be required.

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.

Outfalls 002 and 004, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Arsenic	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Chromium	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Copper	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Pentachloro-phenol	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: 002 and 004

Other Comments:

It is recommended that the permit be drafted as described above.