

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

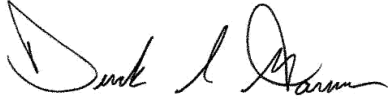

Application No. PA0231746
APS ID 1107834
Authorization ID 1473891

Applicant and Facility Information

Applicant Name	<u>Pat Burns Salvage & Excavating</u>	Facility Name	<u>Pat Burns Salvage & Excavating</u>
Applicant Address	<u>101 Valley View Road</u> <u>Bellefonte, PA 16823-8705</u>	Facility Address	<u>101 Valley View Road</u> <u>Bellefonte, PA 16823-8705</u>
Applicant Contact	<u>Pat Burns</u>	Facility Contact	<u>Pat Burns</u>
Applicant Phone	<u>(814) 280-2168</u>	Facility Phone	<u>(814) 280-2168</u>
Client ID	<u>155901</u>	Site ID	<u>547022</u>
SIC Code	<u>5093</u>	Municipality	<u>Benner Township</u>
SIC Description	<u>Wholesale Trade - Scrap and Waste Materials</u>	County	<u>Centre</u>
Date Application Received	<u>February 20, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 3, 2024</u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal of an existing NPDES permit for the discharge of industrial waste stormwater.</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.

Approve	Deny	Signatures	Date
X		 Derek S. Garner / Project Manager	January 7, 2024
X		 Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	January 8, 2024

Facility Summary

Pat Burns Salvage & Excavating is classified under SIC code 5093 – Scrap and Waste Materials. These establishments are primarily engaged in assembling, breaking up, sorting, and wholesale distribution of scrap and waste materials. This industry includes auto wreckers engaged in dismantling automobiles for scrap.

The site is located on a 0.75-acre parcel, comprised of 95% pervious and 5% impervious surfaces. Site stormwater is discharged via Outfall 001 on the southern edge of the property to Buffalo Run.

No process wastewater is discharged from this facility.

Per updated numbering conventions, the permit number has been changed from PAS604803 to PA0231746.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>n/a</u>
Latitude	<u>40° 54' 10.88"</u>	Longitude	<u>-77° 47' 51.62"</u>
Quad Name	<u>Bellefonte</u>	Quad Code	<u>1123</u>
Wastewater Description:	<u>Stormwater</u>		

Receiving Waters	<u>Buffalo Run</u>	Stream Code	<u>22972</u>
NHD Com ID	<u>67179208</u>	RMI	<u>1.3</u>
Drainage Area	<u>n/a</u>	Yield (cfs/mi ²)	<u>n/a</u>
Q ₇₋₁₀ Flow (cfs)	<u>n/a</u>	Q ₇₋₁₀ Basis	<u>n/a</u>
Elevation (ft)	<u>775</u>	Slope (ft/ft)	<u>n/a</u>
Watershed No.	<u>9-C</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u>n/a</u>	Existing Use Qualifier	<u>n/a</u>
Exceptions to Use	<u>n/a</u>	Exceptions to Criteria	<u>n/a</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>n/a</u>		
Source(s) of Impairment	<u>n/a</u>		
TMDL Status	<u>n/a</u>	Name	<u>n/a</u>

Nearest Downstream Public Water Supply Intake	<u>Pennsylvania American Water</u>		
PWS Waters	<u>West Branch Susquehanna River</u>	Flow at Intake (cfs)	<u>688</u>
PWS RMI	<u>10.64</u>	Distance from Outfall (mi)	<u>~100</u>

Compliance History

The following violations occurred during the existing permit's term:

Monitoring Period Begin Date	Monitoring Period End Date	Submission Date	Noncompliance Description
7/1/2019	12/31/2019	4/27/2020	Late DMR Submission
7/1/2020	12/31/2020	12/14/2021	Late DMR Submission
1/1/2021	6/30/2021	12/14/2021	Late DMR Submission
7/1/2022	12/31/2022	1/31/2023	Late DMR Submission
1/1/2023	6/30/2023	8/18/2023	Late DMR Submission
7/1/2023	12/31/2023	1/30/2024	Late DMR Submission
1/1/2024	6/30/2024	9/17/2024	Late DMR Submission

The above violations indicate chronic noncompliance regarding timely DMR submissions. A Notice of Violation was issued on December 15, 2021 for the failure to submit timely reports.

The permittee has continued to exceed the TSS benchmark value of 100 mg/l. Two Corrective Action Plans (CAP) were received; the first on November 29, 2022 and the second on February 1, 2024. In the first CAP, the permittee committed to regarding the facility to reduce runoff. After benchmark values continued to be exceeded, the second CAP outlined a change in sampling protocols. The permittee had been collecting samples from standing puddles but will now sample sheet flow prior to entering Buffalo Run. The most recent DMR, received September 2024, still indicates TSS benchmarks are not being met (216 mg/l vs. 100 mg/l).

DEP most recently inspected the facility on January 31, 2024. No violations were identified during the inspection.

There are no open violations associated with the permittee.

Development of Effluent Limitations

Outfall No.	001	Design Flow (MGD)	n/a
Latitude	40° 54' 20.00"	Longitude	-77° 47' 58.00"
Wastewater Description:	Stormwater		

Technology-Based Limitations

There are no technology-based limitations applicable to stormwater associated with facilities classified under SIC code 5093.

Water Quality-Based Limitations

DEP does not have an established procedure for modeling stormwater discharges. Accordingly, no water quality-based limitations are proposed.

Best Professional Judgment (BPJ) Limitations

A majority of the existing reporting requirements were established by applying monitoring requirements from Appendix P of the PAG-03 using BPJ. Appendix P establishes monitoring requirements for pollutants expected in stormwater discharges from facilities associated with scrap and waste recycling. The existing requirements are as follows:

Parameter	Monitoring Requirements		Benchmark Values
	Minimum Measurement Frequency	Sample Type	
Total Suspended Solids (mg/L)	1/6 Months	Grab	100
Oil and Grease (mg/L)	1/6 Months	Grab	30
Chemical Oxygen Demand (mg/L)	1/6 Months	Grab	120
Total Copper (mg/L)	1/6 Months	Grab	XXX
Total Lead (mg/L)	1/6 Months	Grab	XXX
Total Zinc (mg/L)	1/6 Months	Grab	XXX

Since the most recent renewal of this permit, the PAG-03 has been revised (rev. 12/2022) and now includes total aluminum for Appendix P facilities. Accordingly, DEP is recommending that total aluminum is also included in the permit as follows:

Parameter	Monitoring Requirements		Benchmark Values
	Minimum Measurement Frequency	Sample Type	
Total Aluminum (mg/L)	1/6 Months	Grab	XXX

In addition to the Appendix P pollutants, the permit has historically had the following monitoring requirements:

Parameter	Monitoring Requirements		Benchmark Values
	Minimum Measurement Frequency	Sample Type	
pH (S.U.)	1/6 Months	Grab	9.0
CBOD5 (mg/L)	1/6 Months	Grab	100
Total Iron (mg/L)	1/6 Months	Grab	70

DEP recommends these additional pollutants remain in the permit.

Anti-Backsliding

No limits or monitoring requirements are proposed to be made less stringent.

Existing Effluent Limitations and Monitoring Requirements

The existing effluent limitations and monitoring requirements are as follows:

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	Report Inst Min	XXX	XXX	Report	1/6 months	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Copper, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Iron, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Lead, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Zinc, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001

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)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	Report Inst Min	XXX	XXX	Report	1/6 months	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Aluminum, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Copper, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Iron, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Lead, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Zinc, Total	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001