

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PAS804806
APS ID 1035804
Authorization ID 1348946

Applicant and Facility Information

Applicant Name	<u>Davidson Brothers, Inc.</u>	Facility Name	<u>Davidson Brothers, Inc.</u>
Applicant Address	<u>450 Runville Road</u> <u>Bellefonte, PA 16823-4715</u>	Facility Address	<u>450 Runville Road</u> <u>Bellefonte, PA 16823-4715</u>
Applicant Contact	<u>Mike Fisher</u>	Facility Contact	<u>Mike Fisher</u>
Applicant Phone	<u>(814) 355-5513</u>	Facility Phone	<u>(814) 355-5513</u>
Client ID	<u>120437</u>	Site ID	<u>496140</u>
SIC Code	<u>4213</u>	Municipality	<u>Boggs Township</u>
SIC Description	<u>Trans. & Utilities - Trucking, Except Local</u>	County	<u>Centre</u>
Date Application Received	<u>April 6, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>April 29, 2021</u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal of an existing NPDES permit for the discharge of industrial 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		<i>Derek S. Garner</i> Derek S. Garner / Project Manager	November 24, 2021
X		<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	November 29, 2021

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>n/a – stormwater discharge</u>
Latitude	<u>40° 56' 37"</u>	Longitude	<u>-77° 49' 26.88"</u>
Quad Name	<u>Bellefonte</u>	Quad Code	<u>1123</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Wallace Run</u>	Stream Code	<u>23093</u>
NHD Com ID	<u>67178912</u>	RMI	<u>1.04</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>n/a</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 Company</u>		
PWS Waters	<u>West Branch Susquehanna River</u>	Flow at Intake (cfs)	<u>679.73</u>
PWS RMI	<u>10.66</u>	Distance from Outfall (mi)	<u>87.94</u>

Facility Summary

Davidson Brothers, Inc. is a trucking facility with an office/maintenance building onsite to dispatch and service a truck fleet. The 12-acre site is generally comprised of a gravel parking area. Wastewater from the truck maintenance and washing areas is treated, recycled, and used for truck washing. Sanitary sewer service is provided by Mid Centre County Sewer Authority.

In 2015 the permittee constructed a concrete stormwater basin including an oil/water separator.

The facility's PPC Plan was most recently updated March 26, 2021.

Compliance History

The facility was most recently inspected by DEP on February 21, 2019 and a subsequent follow-up inspection on March 5, 2019. The inspection reports indicate the facility failed to conduct annual and sampling and inspections throughout the existing permit's term. No impacts to Wallace Run at, above, or below the outfall were noted.

Development of Effluent Limitations

<p>Outfall No. <u>001</u></p> <p>Latitude <u>40° 56' 37.00"</u></p> <p>Wastewater Description: <u>Stormwater</u></p>	<p>Design Flow (MGD) <u>n/a – stormwater discharge</u></p> <p>Longitude <u>-77° 49' 26.88"</u></p>
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Technology-Based Limitations

There are no applicable technology-based effluent limitations for this stormwater discharge.

Water Quality-Based Limitations

It is generally not appropriate to assign water quality-based effluent limitations to a discharge of stormwater due to variability in discharge rates and lack of discharge during critical flows. Water quality of stormwater is typically controlled through implementation of best management practices (BMPs). Monitoring requirements are used to indicate if BMP controls are working as expected.

Best Professional Judgment (BPJ) Limitations

The existing monitoring requirements were previously established using BPJ based on the facility's industrial activity. Since the facility still conducts the same activities as it did when the monitoring requirements were first established in 2011 and subsequently renewed in 2016, it is recommended that they remain in the permit. The monitoring requirements are as follows:

Parameter	Limit (mg/l)	SBC
pH	Report	Daily Maximum
CBOD5	Report	Daily Maximum
COD	Report	Daily Maximum
TSS	Report	Daily Maximum
Oil and Grease	Report	Daily Maximum
Total Kjeldahl Nitrogen	Report	Daily Maximum
Total Phosphorus	Report	Daily Maximum
Total Iron	Report	Daily Maximum

Existing Effluent Limitations and Monitoring Requirements

The existing monitoring requirements are as follows:

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	XXX	XXX	Report	XXX	1/year	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Chemical Oxygen Demand (COD)	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Kjeldahl Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Iron, Total	XXX	XXX	XXX	XXX	Report	XXX	1/year	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” (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)		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	XXX	XXX	Report	XXX	1/year	Grab
CBOD5	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
TKN	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001