

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PAS708328
APS ID 1074453
Authorization ID 1415470

Applicant and Facility Information

Applicant Name	<u>Suit Kote Corp</u>	Facility Name	<u>Suit Kote Meadville Plant</u>
Applicant Address	<u>1911 Lorings Crossing</u> <u>Cortland, NY 13045</u>	Facility Address	<u>10965 Mchenry Street</u> <u>Meadville, PA 16335-9067</u>
Applicant Contact	<u>Josh Lynn</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 337-1171</u>	Facility Phone	<u></u>
Client ID	<u>263709</u>	Site ID	<u>571472</u>
SIC Code	<u>2951</u>	Municipality	<u>West Mead Township</u>
SIC Description	<u>Manufacturing - Asphalt Paving Mixtures And Blocks</u>	County	<u>Crawford</u>
Date Application Received	<u>October 20, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>

Purpose of Application This is an application to renew an Individual NPDES Stormwater Permit which covers an existing facility that manufactures Asphalt Paving Mixtures and Asphalt Emulsification.

Summary of Review

This is an existing facility that discharges into French Creek just south of the City of Meadville. This stormwater being discharged by this facility is not expected to have an impact on any endangered mussel species as the facility is not expected to discharge or would have minimal discharge of Total Copper, Total Zinc, Total Chloride, and Ammonia-Nitrogen. Typical pollutants of concern for stormwater dischargers in this category are Oil and Grease, Total Suspended Solids, pH, Total Nitrogen, and Total Phosphorous based on the PAG-03 Appendix M.

As per the 2013 renewal, "After discussion with a plant representative about what operations were conducted on site and subsequent conversations with the EPA Contact for the ELGs pertaining to the paving and roofing materials point source category, it was determined that the facility fell under 40 CFR Part 443 Subpart A – Asphalt Emulsion Subcategory. Since the stormwater has applicable ELGs, a general PAG-03 Stormwater permit is not applicable for this facility." The NSIR authorization type will remain for this renewal.

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		Dustin Hargenrater Dustin Hargenrater / Project Manager	June 30, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	July 1, 2025

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0 (Stormwater)
Latitude	41° 36' 56.37"	Longitude	-80° 9' 34.20"
Quad Name	Geneva	Quad Code	41080E2
Wastewater Description: Stormwater			
Receiving Waters	French Creek (WWF)	Stream Code	51591
NHD Com ID	127349082	RMI	---
Drainage Area	--	Yield (cfs/mi ²)	--
Q ₇₋₁₀ Flow (cfs)	--	Q ₇₋₁₀ Basis	--
Elevation (ft)	--	Slope (ft/ft)	--
Watershed No.	16-D	Chapter 93 Class.	WWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	MERCURY		
Source(s) of Impairment	SOURCE UNKNOWN		
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	7.0	Default	
Temperature (°F)	68	Default - WWF	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	Aqua Pennsylvania - Emlenton		
PWS Waters	Allegheny River	Flow at Intake (cfs)	1,376
PWS RMI	90.0	Distance from Outfall (mi)	64.2

Changes Since Last Permit Issuance: No Changes since last permit issuance.

Other Comments: The receiving stream, French Creek, is impaired for Mercury with the source being unknown. The stormwater discharge at this facility is not expected to cause or contribute to the in-stream impairment.

Stormwater is not able to be modeled due to the discharge likely not occurring during low flow (Q₇₋₁₀) times.

Development of Effluent Limitations

Outfall No. 001 Design Flow (MGD) 0
Latitude 41° 36' 57.13" Longitude -80° 9' 25.79"
Wastewater Description: Stormwater

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Parameter	Limit (mg/l)	SBC	Federal Regulation	State Regulation
Total Suspended Solids	15	Average Monthly	40 CFR Part 443 – Subpart A	
	23	Daily Maximum	40 CFR Part 443 – Subpart A	
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Oil and Grease	10	Average Monthly	40 CFR Part 443 – Subpart A	
	15	Daily Maximum	40 CFR Part 443 – Subpart A	

Comments: The ELG applies to stormwater for industrial users in the Ashpalt Emulsion Subcategory of 40 CFR Part 443. The ELG presents the limitations in a table and suggests that the limitations should be measured in lbs/1000 gallons of runoff. Clarification on this ELG was provided by the EPA Contact for this ELG that the mass-based limits translate into concentration-based limits of 15 mg/l Average Monthly and 23 mg/l Daily Maximum for Total Suspended Solids and 10 mg/l Average Monthly and 15 mg/l Daily Maximum for Oil and Grease. The Total Suspended Solids limitation will be rounded down in accordance with the round-off guidelines found in the Permit Writers' Manual.

Water Quality-Based Limitations

Water Quality-Based Limitations are unable to be performed for stormwater since the discharge is likely not occurring during low flow conditions.

Best Professional Judgment (BPJ) Limitations

Comments: N/A

Anti-Backsliding

N/A

Other Parameters Included in the Permit

pH:

Per the SOP for Establishing Effluent Limitations in Individual Industrial Permits permit writers should establish pH requirements of 6.0 (minimum) and 9.0 (maximum) for all industrial waste process and non-process discharges (see 25 PA Code Chapter 92a.48(a)(2) and Chapter 95.2).

Total Nitrogen and Total Phosphorous:

Where a General Permit exists for the industrial sector, the effluent limits and monitoring requirements should generally be considered minimum standards for discharges from that industry, unless the application manager can document that the requirements in the General Permit are not applicable to a specific individual permit. Therefore per the SOP, Total Nitrogen and Total Phosphorous monitoring on a semi-annual basis will be included in the permit as the remaining parameters found in Appendix M of the PAG-03 General Permit are already subject to limits/monitoring in the permit.

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Quarterly	Daily Maximum	Instant. Maximum		
Flow (MGD)	XXX	Report Daily Max	XXX	XXX	XXX	XXX	1/quarter	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/quarter	Grab
TSS	XXX	XXX	XXX	15.0	23.0	XXX	1/quarter	Grab
Oil and Grease	XXX	XXX	XXX	10.0	15.0	XXX	1/quarter	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001.