

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0277100
APS ID 1154149
Authorization ID 1555433

Applicant and Facility Information

Applicant Name	<u>Stanley Vidmar Inc.</u>	Facility Name	<u>Stanley Vidmar Storage Tech</u>
Applicant Address	<u>11 Grammes Road</u> <u>Allentown, PA 18105</u>	Facility Address	<u>11 Grammes Road</u> <u>Allentown, PA 18103-4760</u>
Applicant Contact	<u>Frank Murray</u>	Facility Contact	<u>Frank Murray</u>
Applicant Phone	<u>(610) 776-3971</u>	Facility Phone	<u>(610) 776-3971</u>
Client ID	<u>309228</u>	Site ID	<u>608191</u>
SIC Code	<u>3499</u>	Municipality	<u>Allentown City</u>
SIC Description	<u>Manufacturing - Fabricated Metal Products, Nec</u>	County	<u>Lehigh</u>
Date Application Received	<u>December 31, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>February 4, 2026</u>	If No, Reason	<u></u>
Purpose of Application	<u>The application is for a renewal of an NPDES permit for an existing discharge of treated Industrial Stormwater.</u>		

Summary of Review

The applicant is requesting a renewal of a NPDES permit to discharge Stormwater Associated with Industrial Activity to Little Lehigh Creek HQ-CWF,MF (High Quality – Cold Water Fishes, Migratory Fishes) designated receiving stream in State Water Plan Basin 02-C. As per the Department's current existing use list, the receiving stream segment does not have an existing use classification that is more protective than its designated use.

Little Lehigh Creek has the following uses and their respective impairments:

- It has an assessed use of Aquatic Life. It is impaired due to Urban Runoff/Storm Sewers – Siltation
- It has an assessed use of Recreational. It is impaired due to Source Unknown – Pathogens.
- It has an assessed use of Potable Water Supply. It is supporting.

As a note, Outfall 001 was reported at (40° 34' 44", -75° 29' 9.73"). The NHD data reported Outfall 001 at (40° 34' 50.33", -75° 29' 12.48"). This is documented in the NPDES Permit and the fact sheet below.

The previous NPDES Permit expires on June 30, 2026. The renewal application was received on December 31, 2025.

In addition to PA0277100, this facility also holds the following permits:

- Air Quality Program State-Only (Natural Minor) Operating Permit No. 39-00018 issued by PADEP
- Air Quality General Permit No. GP4-39-003 issued by PADEP.
- Air Quality General Permit No. GP4-39-005 issued by PADEP.
- Lehigh County Authority Wastewater Permit No. CAABCD issued by Lehigh County Authority.

Approve	Deny	Signatures	Date
X		<i>Melanie Macioce</i> Melanie Macioce / Environmental Engineering Trainee	February 9, 2026
X		<i>Edward Dudick</i> Edward Dudick, P.E. / Environmental Engineer Manager	February 9, 2026

Summary of Review

Stanley Vidmar Storage Tech performs fabrication of metal products and light manufacturing. According to the site map provided by the applicant, the only industrial activities that occur outside and exposed to precipitation are a trailer yard, a shipping dock and a parking lot. All manufacturing occurs inside the manufacturing plant.

This facility is categorized under SIC Code 3499 – Fabricated Metal Products, Not Elsewhere Classified and NAICS Code 33243 – Metal Can, Box and other Metal Container (Light Gauge) Manufacturing. This SIC Code is permitted under Appendix U (Fabricated Metal Products) of the PAG03 General Permit. The following pollutants will be monitored:

- 1) Total Nitrogen will be a calculation that will be completed 1/6 months. This value will be reported.
- 2) Total Phosphorus will be a grab sample taken 1/6 months. This value will be reported.
- 3) pH will be a grab sample taken 1/6 months. This pollutant has an IMAX benchmark value of 9.0.
- 4) Total Suspended Solids will be a grab sample taken 1/6 months. This pollutant has an IMAX benchmark value of 100 mg/L.
- 5) Oil and Grease will be a grab sample taken 1/6 months. It has an IMAX benchmark value of 30.
- 6) Nitrate + Nitrite-Nitrogen will be a grab sample taken 1/6 months. It has an IMAX benchmark value of 3.0.
- 7) Total Aluminum will be a grab sample taken 1/6 months. This value will be reported.
- 8) Total Iron will be a grab sample taken 1/6 months. This value will be reported.
- 9) Total Zinc will be a grab sample taken 1/6 months. This value will be reported.

There have been significant changes to the pollutants that need monitored from when the last permit was issued in 2021. Total Nitrogen, Total Phosphorous and Oil and Grease were additional monitoring requirements that have been implemented. Additionally, Nitrate +Nitrite-Nitrogen's IMAX limit of 3.0 is new as well.

Based on sampling results provided by the permittee, there was no additional need to implement other monitoring standards.

- BOD5 was 6.5 mg/L
- Total Kjeldahl Nitrogen was 1.07 mg/L.

Outfall 001 discharge is exposed to plant parking areas, driveways and roof. The site is 99% impervious. The BMPs of the site is that the area is inspected on a routine/monthly basis and scrap metal dumpsters are kept under roof and maintenance scrap is kept under fabricated cover when not in use.

No Module 1 Analysis was needed as this is a renewal permit.

The previous permit for this facility was PAS222203. It will be converted to PA0277100 during this permit renewal.

An Administrative/File Review of the facility was completed on March 26, 2021. A Routine/Partial Inspection was completed on October 21, 2022.

There are no violations open for the client.

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.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 34' 50.33"</u>	Longitude	<u>-75° 29' 12.48"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Little Lehigh Creek (HQ-CWF)</u>	Stream Code	<u>03420</u>
NHD Com ID	<u>26296373</u>	RMI	<u>3.82</u>
Drainage Area	<u>81.8 sq miles</u>	Yield (cfs/mi ²)	<u>0.485</u>
Q ₇₋₁₀ Flow (cfs)	<u>39.7</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	<u>257.41</u>	Slope (ft/ft)	<u>0.00175</u>
Watershed No.	<u>2-C</u>	Chapter 93 Class.	<u>HQ-CWF</u>
Existing Use	<u>-</u>	Existing Use Qualifier	<u>-</u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>PATHOGENS, SILTATION</u>		
Source(s) of Impairment	<u>SOURCE UNKNOWN, URBAN RUNOFF/STORM SEWERS</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>Salisbury Township Lehigh County</u>		
PWS Waters	<u>Little Lehigh River</u>	Flow at Intake (cfs)	<u>2.16</u>
PWS RMI	<u>9.29</u>	Distance from Outfall (mi)	<u>0.82</u>

Changes Since Last Permit Issuance: N/A

Other Comments: N/A

Compliance History

DMR Data for Outfall 001 (from January 1, 2025 to December 31, 2025)

Parameter	DEC-25	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25
pH (S.U.) Daily Maximum	7.10						6.76					
TSS (mg/L) Daily Maximum	110.0						44.0					
Nitrate-Nitrite (mg/L) Daily Maximum	1.37						1.08					
Total Aluminum (mg/L) Daily Maximum	0.685						0.558					
Total Iron (mg/L) Daily Maximum	1.35						0.850					
Total Zinc (mg/L) Daily Maximum	0.301						0.108					