

Application Type Renewal
 Facility Type Storm Water
 Major / Minor Minor

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

Application No. PA0288713
 APS ID 1154656
 Authorization ID 1556255

Applicant and Facility Information

Applicant Name	<u>Metaldyne Sinterforge Products LLC</u>	Facility Name	<u>AAM St Marys</u>
Applicant Address	<u>197 W Creek Road</u> <u>Saint Marys, PA 15857</u>	Facility Address	<u>197 West Creek Road</u> <u>Saint Marys, PA 15857-3339</u>
Applicant Contact	<u>Eric Hoffman</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 834-8153</u>	Facility Phone	<u></u>
Applicant Email	<u>eric.hoffman@aam.com</u>		
Client ID	<u>254213</u>	Site ID	<u>456974</u>
SIC Code	<u>3499</u>	Municipality	<u>Saint Marys City</u>
SIC Description	<u>Manufacturing - Fabricated Metal Products, Nec</u>	County	<u>Elk</u>
Date Application Received	<u>January 26, 2026</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 31, 2026</u>	If No, Reason	<u></u>
Purpose of Application	<u>NPDES Permit Renewal for the Discharge of Stormwater Associated with Industrial Activity</u>		

Summary of Review

This is a renewal NPDES permit application for the AAM St Marys Facility for the discharge of stormwater associated with industrial activity. The current NPDES permit expires on June 30, 2026.

The facility's SIC Code is 3499, powdered metal manufacturer.

The site is covered under an individual NPDES permit because the discharge is to West Creek which is a surface water classified as a High-Quality watershed. The site has one stormwater outfall. The drainage area of Outfall 001 consists of drains from metal roof, asphalt & gravel parking lot.

PPC Plan was last revised on February 17, 2025.

An inspection of the facility was conducted on October 26, 2022. The inspection report did not cite any violations. It was noted in the inspection report that samples are being taken at a large, corrugated drainpipe which does not meet permit requirements of compliance samples being taken before mixing with other waters. The inspector suggested that future samples be taken at the last stormwater basin before discharging to West Creek.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

There are NO open violations in WMS for the subject Client ID (254213) as of April 6, 2026.

Approve	Deny	Signatures	Date
X		Aeshah Shameseldin Aeshah Shameseldin / Project Manager	April 6, 2026
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	April 14, 2026

Summary of Review

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>41° 27' 12.00"</u>	Longitude	<u>-78° 32' 42.00"</u>
Quad Name	<u>Saint Marys</u>	Quad Code	<u>41078D5</u>
Wastewater Description: <u>Stormwater</u>			
Receiving Waters	<u>Unnamed Tributary to West Creek (HQ-CWF, MF)</u>	Stream Code	<u>25332</u>
NHD Com ID	<u>61429612</u>	RMI	<u>0.3</u>
Drainage Area	<u>---</u>	Yield (cfs/mi ²)	<u>---</u>
Q ₇₋₁₀ Flow (cfs)	<u>---</u>	Q ₇₋₁₀ Basis	<u>---</u>
Elevation (ft)	<u>1626</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>8-A</u>	Chapter 93 Class.	<u>HQ-CWF, MF</u>
Existing Use	<u>---</u>	Existing Use Qualifier	<u>---</u>
Exceptions to Use	<u>---</u>	Exceptions to Criteria	<u>---</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>Metals and pH (low)</u>		
Source(s) of Impairment	<u>Acid Mine Drainage</u>		
TMDL Status	<u>Final</u>	Name	<u>West Creek</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u>---</u>
Temperature (°F)	<u>68</u>	Default	<u>---</u>
Hardness (mg/L)	<u>100</u>	Default	<u>---</u>
Other:	<u>---</u>		<u>---</u>
Nearest Downstream Public Water Supply Intake	<u>Lycoming County Water and Sewer Authority</u>		
PWS Waters	<u>West Branch Susquehanna River</u>	Flow at Intake (cfs)	<u>---</u>
PWS RMI	<u>32.5</u>	Distance from Outfall (mi)	<u>---</u>

Changes Since Last Permit Issuance: N/A

Other Comments: The West Creek—the receiving water for discharges from Outfall 001—is impaired by Metals associated with Acid Mine Drainage and pH but the subject facility is not expected to be a cause or source of the impairment.

The AAM St Marys facility does not have an assigned Waste Load Allocation.

Development of Effluent Limitations

Outfall No. <u>001</u>	Design Flow (MGD) <u>0</u>
Latitude <u>41° 27' 12.00"</u>	Longitude <u>-78° 32' 42.00"</u>
Wastewater Description: <u>Stormwater</u>	

Technology-Based Limitations

N/A

Water Quality-Based Limitations

No water quality modeling was conducted due to this being a discharge of stormwater only.

Best Professional Judgment (BPJ) Limitations

The site was previously covered by a No Exposure certification which expired on June 8, 2016. A Google Earth site review indicates that the facility continues to meet the no exposure conditions. A review of the stormwater sampling results submitted during the previous permit cycle (See Table 1) show that pollutant levels were well below the “No Exposure” benchmarks. By meeting the no exposure conditions, the stormwater discharges from the site are considered non-degrading quality and thus are not expected to degrade the receiving stream.

To ensure that the site continues to meet non-degrading conditions, annual monitoring of the parameters of concern identified in the “NPDES Individual Permit Application to Discharge Industrial Stormwater”, along with metals associated with Acid Mine Drainage TMDL (Iron, Aluminum and Manganese) will be retained.

Table 1: Submitted Sampling Results & No Exposure Benchmark Values

Parameter	Sampling Results (mg/L)				Benchmark Values (mg/L)
	12/22/2022	01/10/2024	01/16/2025	01/13/2026	
pH (S.U.)	7.38	7.86	7.49	7.38	6.0 to 9.0
Total Suspended Solids (TSS)	24	11	< 3	8	≤ 30
Total Nitrogen	< 1.2	< 1.20	< 1.0	6.71	≤ 2.0
Total Phosphorus	0.11	< 0.10	< 1.0	< 0.06	≤ 1.0
Oil and Grease	< 5	< 5.0	< 5.0	2.69	≤ 5.0
Chemical Oxygen Demand (COD)	18	28.1	23.0	16.6	≤ 30
BOD5	3.3	4.8	< 3.0	< 2.1	≤ 10
Total Iron	2.03	1.83	1.34	1.21	≤ 7.0
Total Aluminum	1.81	0.29	0.13	0.07	---
Total Manganese	0.58	1.20	0.96	1.85	---

Anti-Backsliding

Monitoring requirements and conditions are being retained from the previous permit in accordance with EPA’s anti-backsliding regulation 40 CFR 122.44(l). No changes to the current effluent monitoring requirements are proposed as part of this renewal.

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 Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
BOD5	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
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Aluminum	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Iron	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab
Total Manganese	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001, Before Mixing with Other Waters.

AAM St Marys Facility – Google Earth Aerial Imagery



Outfall Location & Receiving Stream – eMap Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application interface. The top banner features the Pennsylvania Department of Environmental Protection logo and navigation links for PA State Agencies, Online Services, and state officials. The main map area shows aerial imagery with a cyan line representing a stream. A yellow 'X' marker is placed on the stream with the coordinates: Latitude: 41.453333, Longitude: -78.5. A popup window titled 'Designated Use Streams (1 of 3)' provides detailed information for the selected stream segment.

Legend

- Regulated Facilities and Related Information
- Streams and Water Resources
 - Water Quality
 - Existing Use Streams
 - Cold Water Fish
 - Exceptional Value
 - High Quality
 - Trout Stocking
 - Warm Water Fish
 - Overlap
 - Designated Use Streams
 - Cold Water Fish
 - Exceptional Value
 - High Quality
 - Trout Stocking
 - Warm Water Fish
 - Overlap
 - Missing from CH93
 - Boundaries
 - County Boundaries
 - Municipalities

Designated Use Streams (1 of 3)

- Designated Use Gen ID: 10398
- GNIS Name:
- GNIS ID:
- ReachCode: 02050202000232
- COMID: 61429612
- Length Miles: 0.705
- Map Symbology: HQ
- Length Miles: 0.705
- Designated Use: 6
- DES Use ID: 4
- Use Description: HQ-CWF(HIGH QUALITY-COLD WATER FISHES)
- Migratory Fish: Y
- HUC: 02050202
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- [Zoom to](#)

Locate Latitude and Longitude

Decimal Degrees DD/MM/SS

Latitude: Degrees: 41 Minutes: 27 Seconds: 12

Longitude: Degrees: -78 Minutes: 32 Seconds: 42

Buttons: Locate, Close

Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community