

Application Type

Renewal

Facility Type

MS4

Permit Type

Individual

Application No.

PAI136116

APS ID

1119796

Authorization ID

1495777
 NPDES PERMIT FACT SHEET
 MS4s

| Applicant and Facility Information | | |
|------------------------------------|--|--|
| Applicant Name | <u>Township of North Versailles</u> | |
| Applicant Address | 1401 Greensburg Avenue North Versailles, PA 15137 | |
| Applicant Contact | Joseph Varhola | |
| Applicant Phone | (412) 823-0901 | |
| Applicant email | <u>jvarhola@nvtfa.com</u> | |
| Client ID | <u>110487</u> | |
| SIC Code | <u>9900</u> | |
| SIC Description | <u>Non-classifiable Establishments</u> | |
| Date Application Received | <u>August 13, 2024</u> | |
| Date Application Accepted | | |
| Purpose of Application | <u>NPDES Permit renewal coverage</u> | |
| Facility Name | <u>North Versailles Township Storm Sewer System</u> | |
| Facility Address | 1401 Greensburg Avenue North Versailles, PA 15137 | |
| Facility Contact | Same as Applicant | |
| Facility Phone | Same as Applicant | |
| Facility email | Same as Applicant | |
| Site ID | <u>445247</u> | |
| Municipality | <u>North Versailles Township</u> | |
| County | <u>Allegheny</u> | |

Internal Review and Recommendations

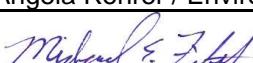
On August 13, 2024, the township of North of Versailles submitted an application to renew the NPDES Permit PAI136116 for its Municipal Separate Storm Sewer System (MS4) located in Allegheny County. The previous individual permit was issued on January 22, 2020, effective February 1, 2020, with an expiration date of January 31, 2025.

The township has an urbanized area of approximately 3,683.5 acres per the DEP Land Cover Estimates. Approximately 24% of the township's urbanized area is impervious and 76% of the township's urbanized area is pervious.

The renewal submittal included a Stormwater Management Ordinance that was enacted on November 15, 2018. North Versailles is relying on Pennsylvania's Chapter 102 program for erosion and sediment control and post-construction stormwater management requirements.

The township discharges to Brush Creek, designated as Trout Stocking (TSF), Long Run, designated as Trout Stocking (TSF), Turtle Creek, designated as Warm Water Fishery (WWF), Jacks Run, designated as High-Quality Trout Stocking (HQ-TSF) and Crooked Run, designated as Warm Water Fishery (WWF).

Brush Creek is impaired by siltation, resulting from acid mine drainage. **Crooked Run** is impaired by siltation due to streambank modifications/destabilization. **Long Run** is impaired by siltation from highway/road/bridge runoff and pH impairment from atmospheric deposition, and **Turtle Creek** is impaired by siltation, metals and pH, resulting from acid mine drainage. Meanwhile, **Jacks Run** has no listed impairments. All of the receiving waters are tributary to the Monongahela River, which itself is impaired by Polychlorinated Biphenyls (PCBs).

| Approve | Deny | Signatures | Date |
|---------|------|--|-----------------|
| X | |  Angela Rohrer / Environmental Engineering Specialist | August 14, 2025 |
| X | |  Michael E. Fifth, P.E. / Environmental Engineer Manager | August 21, 2025 |

Internal Review and Recommendations

Discharges to Turtle Creek are located within the TC1.5 - Turtle Creek near gauging station in Wilmerding segment of the TMDL.

Table 1: Reduction scheme for the TC1.5 - Turtle Creek near gauging station in Wilmerding segment

| Parameter | Existing Load (lbs/day) | TMDL Allowable Load (lbs/day) | WLA (lbs/day) | LA (lbs/day) | NPS Load Reduction (lbs/day) | NPS % Reduction |
|--|-------------------------|-------------------------------|---------------|--------------|------------------------------|-----------------|
| TC1.5 – Turtle Creek near gauging station in Wilmerding | | | | | | |
| Aluminum (lbs/day) | 343.94 | 120.38 | 1.12 | 119.26 | 0* | 0%* |
| Iron (lbs/day) | 870.53 | 261.16 | 4.50 | 256.66 | 0* | 0%* |
| Acidity (lbs/day) | -26755.95 | -26755.95 | NA | NA | NA | NA |

During the last permit cycle North Versailles was subject to several appendices due to discharges into impaired waters, specifically Appendix A for Acid Mine Drainage (AMD), metals, and pH impairments, Appendix B for pathogen impairments, Appendix C for priority organic compound impairments, and Appendix E for nutrient and sediment impairments.

The Pollutant Reduction Plan (PRP) for North Versailles, approved on December 3, 2019, proposed to reduce sediment pollutant loadings by 10% in the Brush Creek, Turtle Creek, Long Run, and Crooked Run watersheds (See Table 2). To achieve this goal, the plan focused on implementing stream restoration projects as the primary Best Management Practice (BMP) over the 5-year permit term, given their proven effectiveness in reducing sediment. However, the township also indicated that the Urbanized Area in Brush Creek contains no storm sewer system, and it is all naturally forested with steep slopes. Therefore, the township parsed that area from PRP. These projects should have been completed by January 31, 2025. Based on the inspection report from July 31, 2025, none of the stream restoration projects have been started.

Table 2: Minimum sediment reduction (PRP 2019)

| Impaired Waterway | Minimum sediment reduction required (lb/yr) | Selected BMPs |
|-------------------|---|--------------------------------|
| Brush Creek | 0 | N/A |
| Turtle Creek | 164,060 | 3,666 ft of stream restoration |
| Long Run | 35,335 | 810 ft of stream restoration |
| Crooked Run | 103,301 | 2,302 ft of stream restoration |

A revised PRP was submitted on March 13, 2025. The township has updated the PRP planning areas to appropriately adjust the required siltation reduction to the correct amount. The original plan was based on 100% of the area within the Township boundaries, resulting in an overestimation of the required reduction. The updated minimum siltation reduction required is as follows:

Table 3: Minimum sediment reduction (PRP 2025)

| Impaired Waterway | Minimum sediment reduction required (lb/yr) |
|-------------------|---|
| Turtle Creek | 36,185 |
| Long Run | 15,638 |
| Crooked Run | 56,822 |

The revised PRP is currently under revision by the Department. There are no new requirements for permittees with previously approved PRPs; however, the MS4 will need to submit a final report by September 30, 2025 (first annual report that is due 5 years following approval of the Plan).

Internal Review and Recommendations

Storm Sewersheds Maps and source inventory were completed in September 2020; the Investigation of Suspected Sources and the Ordinance/ SOP for Controlling Animal Wastes were completed in September 2024.

The MS4 was inspected on July 31, 2025, with six violations noted.

1. **25 Pa. Code 91.34(a):** Pollutant materials should be stored under roof or in containment to eliminate the discharge of pollutants The diesel fuel tank should be placed under roof to follow best management practices.
2. **25 Pa. Code 92a.32(a):** Failure to include information about permittee's stormwater management activities within publication None of the publications include specific township stormwater management activities that have been completed or will be completed. Consider creating a N. Versailles flyer that is specific to this township or add activities to the website.
3. **25 Pa. Code 92a.32(a):** Failure to make Annual MS4 Status Report available for public review Place the last three annual reports, PRP, and permit on your website. You may also want to include your MS4 modules like the PEOP and PIPP, plus any flyers or brochures available to the public.
4. **25 Pa. Code 92a.32(a):** Storm sewer collection system mapping has not been updated and maintained annually.
5. **25 Pa. Code 92a.32(a):** Failure to develop and implement measures to encourage and expand the use of LID in new development and redevelopment This must be completed to meet permit requirements.
6. **25 Pa. Code 92a.32(a):** Employee training documentation does not include dates, names of attendees, names of presenters, and topics covered Please include a training log in the binder.

The violations were resolved on August 4, 2025.

The Permittee has no open violations.

Draft Permit issuance is recommended.

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.