

Application Type Renewal  
Facility Type MS4  
Permit Type Individual

## NPDES PERMIT FACT SHEET MS4s

Application No. PAI136141  
APS ID 1082632  
Authorization ID 1429701

### Applicant and Facility Information

Applicant Name <u>The Township of Upper St. Clair</u>	Facility Name <u>The Township of Upper St. Clair</u>
Applicant Address <u>1820 McLaughlin Run Road</u> <u>Upper Saint Clair, PA 15241</u>	Facility Address <u>1820 McLaughlin Run Road</u> <u>Upper St Clair, PA 15241-2300</u>
Applicant Contact <u>Matthew Serakowski</u>	Facility Contact <u>Matthew Serakowski</u>
Applicant Phone <u>(412) 831-9000</u>	Facility Phone <u>(412) 831-9000</u>
Client ID <u>24488</u>	Site ID <u>252694</u>
SIC Code <u>4952</u>	Municipality <u>Upper Saint Clair Township</u>
SIC Description <u>Trans. &amp; Utilities - Sewerage Systems</u>	County <u>Allegheny</u>
Date Application Received <u>March 3, 2023</u>	
Date Application Accepted _____	
Purpose of Application <u>Application for renewal of a MS4 NPDES permit</u>	


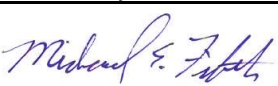
### Internal Review and Recommendations

The Department received an Individual MS4 NPDES Permit renewal application from the Township of Upper St. Clair for coverage of its MS4 on March 3, 2023.

The township has outfalls that discharge to unnamed tributaries of Painters Run, Painters Run, unnamed tributaries of Brush Run, unnamed tributaries of Chartiers Creek, Chartiers Creek, unnamed tributaries of McLaughlin Run, McLaughlin Run, and Graesers Run. These receiving streams are designated in the 25 PA Code Chapter 93 as Warm Water Fisheries (WWF). The township is subject to an individual MS4 permit because of its requirement to submit a TMDL Plan for its discharge to Brush Run Watershed.

During the last permit cycle Upper St. Clair was subject to Appendices A, C, and E of the MS4 permit due to discharges to impaired waters for abandoned mine drainage, organic compounds, and nutrients and sediment. Being subject to Appendix E required the municipality to submit Pollution Reduction Plans (PRPs) to address the impairments and reduce the municipality's contribution and load to the impaired streams within the Lower and Middle Chartiers Creek HUC-12 Watersheds. The PRPs were approved by the Department during the last permit cycle. Revisions to the PRPs were approved by the Department in May 2023. There are no new requirements for permittees with previously approved PRPs.

The township submitted a Final PRP Report for Middle & Lower Chartiers Creek HUC-12 Watersheds on September 28, 2023. The township proposed to implement structural BMPs that include an existing BMP retrofit, in-line treatment systems, and a stream restoration throughout the PRP planning area. A pond retrofit has been completed in addition to a phase I stream restoration project for Tributary 36862 to Chartiers Creek. However, the final report states that the township has not met the pollutant load reduction requirements of the last permit cycle. The township's load reduction remaining was stated as

Approve	Deny	Signatures	Date
X		 Jamie Ley / Environmental Engineering Specialist	August 1, 2024
X		 Michael E. Fifth, P.E. / Environmental Engineer Manager	August 1, 2024

### Internal Review and Recommendations

62,520 lbs/yr of sediment or 46.5% required load reduction remaining. A phase II stream restoration project was anticipated to complete the remaining PRP reduction requirement with an estimated reduction of 74,750 lbs/yr of sediment. The phase II stream restoration project was anticipated to be completed May 2024. The township's consultant confirmed that this phase II stream restoration project has been completed.

In addition, during the last permit cycle Upper St. Clair was subject to Appendix F of the MS4 permit and was required to develop a TMDL plan due to discharges to Brush Run Watershed, for which waste load allocations for Nutrients and Sediments have been allocated to Upper St. Clair in the Brush Run TMDL. The TMDL plan was approved by the Department during the last permit cycle. Revisions to the TMDL plan were approved by the Department in May 2023. There are no new requirements for permittees with previously approved TMDL plans. The township submitted a Final PRP Report for Brush Run HUC-12 Watershed on September 28, 2023.

The TMDL requires a 68% reduction in sediment and 61% reduction of phosphorus to achieve the targeted load reduction. The TMDL plan consists of two objectives: long term-reduction and short-term reduction. The long-term reduction is the plan for the reduction of pollutant loads to achieve the waste load allocation in the TMDL. The short-term reduction is for achieving either the WLA goal or similar to the PRP requirements of 10% for sediment and 5% for phosphorus and will be achieved within the NPDES permit term, i.e. 5 years. The township proposed to implement structural BMPs that include an existing BMP retrofit, in-line treatment systems, and a stream restoration throughout the PRP planning area. A pond retrofit has been completed and a stream restoration project for Tributary 36874 to Brush Run has a final restoration completion date of July 2024. As stated in the Final PRP Report for Brush Run HUC-12 Watershed, the township has not met the pollutant load reduction requirements of the last permit cycle. The township's load reduction remaining was stated as 34,376 lbs/yr of sediment or 87% required load reduction remaining. A stream restoration project was anticipated to complete the remaining TMDL plan reduction requirement with an estimated reduction of 34,500 lbs/yr of sediment. The stream restoration project was anticipated to be completed July 2024. At this time, the stream restoration project is currently awaiting general permit approval.

The requirements of the Pollutant Control Measures (PCMs) of appendices A and C were not originally completed by the township. Upon request, the required mapping and inventories along with investigations of suspected sources were provided to the Department during this renewal review.

There are currently 390 outfalls owned and maintained by the township within the Lower and Middle Chartiers Creek Watersheds. 61 outfalls were identified as suspected sources of metals and/or acidity associated with AMD and 44 outfalls were identified as suspected sources of priority organic compounds. All outfalls identified as suspected sources were screened and 4 outfalls revealed suspected AMD related discharges and 1 outfall revealed potential pollution from priority organic compounds within these watersheds. In accordance with the township's written MCM #3 IDD&E Program Plan, the outfall sewersheds will be investigated for the source of dry weather flow, and if deemed an illicit discharge the township will begin appropriate enforcement actions such as follow-up visits, educational material distribution, violation notification, and lab tests when deemed necessary.

The township has a Stormwater Management Ordinance enacted on January 7, 2019, consistent with the 2013/2022 DEP Model Ordinances and Allegheny County's Act 167 Plan.

The MS4 was inspected four (4) times during the last permit cycle:

- Data Audit occurred September 27, 2021 and noted no violations
- Administrative/File Review occurred September 28, 2021 and noted no violations
- Compliance Evaluation occurred September 28, 2021 and noted violation type MS4-MCM2 (NPDES MS4 – Failure to implement required MCM #2). The violation was resolved the same day
- Complaint Inspection occurred June 9, 2023 and noted no 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

**Internal Review and Recommendations**

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.