



Application Type Renewal
Facility Type MS4
MS4 Type Small

**INDIVIDUAL MS4
CHECKLIST**

Application No. PAI136151
APS ID 1072457
Authorization ID 1412196

Applicant and Facility Information			
Applicant Name	<u>Municipality of Monroeville Allegheny County</u>	Facility Name	<u>Municipality of Monroeville Storm Sewer System</u>
Applicant Address	<u>2700 Monroeville Boulevard Monroeville, PA 15146</u>	Facility Address	<u>2700 Monroeville Boulevard Monroeville, PA 15146-2359</u>
Municipality	<u>Monroeville Borough</u>	County	<u>Allegheny</u>
Receiving Water(s)	<u>Piersons Run (TSF), Simpson Run (TSF), Abers Creek (TSF), Unnamed Tributaries of Turtle Creek (WWF,TSF), Turtle Creek (TSF), Unnamed Tributary to Abers Creek (TSF), Unnamed Tributary to Haymakers Run (HQ-CWF), Leak Run (WWF), Thompson Run (WWF,TSF), Unnamed Tributaries of Thompson Run (WWF, TSF), and Unnamed Tributaries to Leak Run (WWF).</u>	Ch. 93 Class.	<u>WWF, HQ-CWF, and TSF</u>
Date Application Received	<u>September 29, 2022</u>		

Checklist		
<input type="checkbox"/>	<u>Completeness Item</u>	<u>Comments</u>
<input checked="" type="checkbox"/>	1. One original and two copies of complete NOI (3800-PM-BCW0100b).	
<input type="checkbox"/>	2. One original and two copies of complete Waiver Application (3800-PM-BCW0100e) (optional).	N/A
<input checked="" type="checkbox"/>	3. Complete storm sewer system map (existing permittees) (note – new urbanized areas do not require mapping of entire storm sewer collection system).	
<input type="checkbox"/>	4. Topographic map or storm sewer system map (new permittees and existing waivers).	N/A
<input type="checkbox"/>	5. MOU or written agreement for third party MCM implementation (if applicable).	N/A
<input checked="" type="checkbox"/>	6. Stormwater Management Ordinance (municipal applicants seeking renewed coverage only).	Stormwater management ordinance enacted 4/9/19
<input type="checkbox"/>	7. Stormwater Management Ordinance Checklist (3800-PM-BCW0100g) (if applicable).	N/A
<input type="checkbox"/>	8. SOPs (non-municipal applicants seeking renewed coverage only).	N/A

Approve	Deny	Signature	Date
X		 Lauren Nolfi, E.I.T. / Environmental Engineering Specialist	June 6, 2023
X		 Michael E. Fifth, P.E. / Environmental Engineer Manager	June 30, 2023

<input type="checkbox"/>	9. Chesapeake Bay PRP (Appendix D) and/or Impaired Waters PRP (Appendix E), where required.	N/A (approved last permit cycle) Revised Haymakers Run PRP, Sawmill Run PRP, Thompson Run PRP submitted 11/2/22
<input type="checkbox"/>	9a. PRP public participation requirements – the PRP contains a copy of the public notice advertising the PRP, a copy of all written comments received from the public to the PRP, and a copy of the permittee’s record of consideration of all timely comment received in the public comment period.	N/A
<input type="checkbox"/>	9b. PRP contains a map that identifies land uses and/or impervious/pervious surfaces and the storm sewershed boundary(ies) (note – this map may be combined with item #3 for existing permittees).	N/A
<input type="checkbox"/>	9c. PRP contains a section that describes the pollutants of concern.	N/A
<input type="checkbox"/>	9d. PRP contains existing load calculations for pollutants of concern.	N/A
<input type="checkbox"/>	9e. PRP selects BMPs to achieve the minimum required reductions in pollutant loading	N/A
<input type="checkbox"/>	9f. PRP identifies funding mechanisms.	N/A
<input type="checkbox"/>	9g. PRP identifies responsible parties for operation and maintenance (O&M) of BMPs.	N/A
<input type="checkbox"/>	9h. For joint PRPs, a written agreement amongst the parties is attached (if applicable).	N/A
<input type="checkbox"/>	10. TMDL Plan (Appendix F), where required.	N/A
<input type="checkbox"/>	10a. TMDL Plan public participation requirements (see 9a).	N/A
<input type="checkbox"/>	10b. Plan contains a map that identifies land uses and/or impervious/pervious surfaces and the storm sewershed boundary(ies).	N/A
<input type="checkbox"/>	10c. Plan contains describes the pollutants of concern.	N/A
<input type="checkbox"/>	10d. Plan contains existing load calculations.	N/A
<input type="checkbox"/>	10e. Plan identifies wasteload allocations (WLA’s).	N/A
<input type="checkbox"/>	10f. Plan contains an analysis of short- and long-term objectives.	N/A
<input type="checkbox"/>	10g. PRP selects BMPs to achieve the minimum required reductions in pollutant loading.	N/A
<input type="checkbox"/>	10h. PRP identifies funding mechanisms.	N/A
<input type="checkbox"/>	10i. PRP identifies responsible parties for O&M of BMPs.	N/A
<input type="checkbox"/>	10j. For joint PRPs, a written agreement amongst the parties is attached (if applicable).	N/A
<input type="checkbox"/>	11. Complete NOI packages for each co-applicant (joint NOIs only). NOTE – Each municipality served by an authority must also submit an NOI.	N/A

Other Comments:

The Department received a Notice of Intent (NOI) for renewal of coverage of the Monroeville Borough under the Individual MS4 Permit on September 29, 2022. Monroeville’s previous individual permit was issued on March 15, 2018 and expired on March 31, 2023. Monroeville is located in Allegheny County and has a population of 28,640, per the 2020 US Census. The borough has an urbanized area of approximately 15,040 acres per the application. 71% of the borough’s urbanized

area is impervious and 29% of the borough's urbanized area is pervious, per DEP Land Cover Estimates. The renewal submittal included a Stormwater Management Ordinance that was enacted on April 9, 2019 to be consistent with the 2022 DEP Model Ordinance. Monroeville is relying on Pennsylvania's Chapter 102 program for erosion and sediment control and post-construction stormwater management requirements.

Monroeville has outfalls discharging to receiving water bodies within three HUC-12 Watersheds: Haymakers Run-Turtle Creek Watershed, Sawmill Run-Turtle Creek Watershed, and Thompson Run Watershed. The most downstream outfall to each water body is listed as: Outfall 132 to Thompson Run (WWF), Outfall 358 to Tributary 37231 to Thompson Run (WWF), Outfall 087 to Tributary 37232 to Thompson Run (WWF), Outfall 257 to Leak Run (WWF), Outfall 384 to Tributary 37234 to Turtle Creek (WWF), Outfall 061 to Tributary 37236 to Turtle Creek (WWF), Outfall 390 to Tributary 37239 to Turtle Creek (WWF), Outfall 124 to Turtle Creek (WWF), Outfall 183 to Tributary 37241 to Turtle Creek (WWF), Outfall 032 to Tributary 37242 to Turtle Creek (WWF), Outfall 569 to Tributary 37243 to Turtle Creek (WWF), Outfall 194 to Tributary 37244 to Turtle Creek (WWF), Outfall 238 to Tributary 37245 to Turtle Creek (WWF), Outfall 400 to Tributary 37349 to Turtle Creek (TSF), Outfall 139 to Tributary 37350 to Turtle Creek (TSF), Outfall 492 to Tributary 37351 to Turtle Creek (TSF), Outfall 151 to Simpson Run (TSF), Outfall 605 to Tributary 37370 to Turtle Creek (TSF), Outfall 043 to Tributary 37371 to Turtle Creek (TSF), Outfall 163 to Abers Creek (TSF), Outfall 174 to Thompson Run East (TSF), Outfall 428 to Tributary 37374 to Thompson Run East (TSF), Outfall 447 to Tributary 37375 to Thompson Run East (TSF), Outfall 433 to Tributary 37376 to Thompson Run East (TSF), Outfall 500 to Tributary 37377 to Thompson Run East (TSF), Outfall 021 to Piersons Run (TSF), Outfall 426 to Tributary 37378 to Abers Creek (TSF), Outfall 437 to Tributary 37393 to Haymakers Run (HQ-CWF), Outfall 106 to Tributary 37223 to Leak Run (WWF), Outfall 103 to Tributary 37224 to Leak Run (WWF).

Tributaries 37231 to Thompson Run, Thompson Run, and Turtle Creek are impaired for metals and pH, resulting from acid mine drainage. Tributary 37232 to Thompson Run, Leak Run, Tributaries 37223 and 37224 to Leak Run, Tributaries 37474, 37375 to Thompson Run East, and Thompson Run East are impaired for siltation resulting from channelization. Tributary 37234 to Turtle Creek is impaired for pH and siltation resulting from acid mine drainage. Tributaries 37236, 37239, 37241, 37242, 37243, 37244, 37245 to Turtle Creek are impaired for siltation resulting from streambank modifications/ destabilization. Tributary 37378 to Abers Creek and Abers Creek are impaired for flow alterations, resulting from channelization. Pierson Run is impaired for siltation, resulting from acid mine drainage. Tributaries 37349, 37350, 37351, 37370, 37371 to Turtle Creek, Tributaries 37376 and 37377 to Thompson Run East, Tributary 37393 to Haymakers Run, and Simpson Run have no listed impairments. Downstream of Monroeville, Turtle Creek is impaired for siltation, resulting from acid mine drainage. Turtle Creek is tributary to the Monongahela River, which is impaired for pathogens with an approved TMDL for PCBs and Chlordane.

The Monongahela River's TMDL is active in the stream segments from Point Marion Lock and Dam (RM 90.8) to the Grays Landing Lock and Dam (RM 82.0). Per the TMDL study, there are no known current sources of PCB and Chlordane for the impairment listed in the segments of concern. PCB and Chlordane present in the system are believed to reside primarily in the sediment due to historical use. Their levels are expected to decline over time due to the bans on use through natural attenuation.

During the last permit cycle, Monroeville was subject to Appendix A, B, C and E requirements. Monroeville submitted Pollutant Reduction Plans (PRPs) to reduce pollutant loadings of sediment by 10% and nutrients by 5% in the Haymakers Run, Sawmill Run, and Thompson Run HUC-12 Watersheds. The PRPs were approved by the Department on March 5, 2018. Revised PRPs for each watershed were submitted on November 2, 2022 and approved on April 20, 2023.

Monroeville has submitted annual reports from 2004-2022. Monroeville was most recently inspected on January 28, 2021 and June 2, 2021 as an administrative/ file review and on September 30, 2021 as a data audit inspection. Monroeville received a violation on June 2, 2021 for failure to pay annual NPDES fees; the violation was resolved on June 9, 2021. The municipality has no open violations.

Permit issuance is recommended.