

Application Type Renewal
Facility Type MS4
MS4 Type Small

INDIVIDUAL MS4 CHECKLIST



Application No. PAI136101
APS ID 1090096
Authorization ID 1442679

Applicant and Facility Information

Applicant Name	<u>Indiana Township Allegheny County</u>	Facility Name	<u>Indiana Township Storm Sewer System</u>
Applicant Address	<u>3710 Saxonburg Boulevard</u> <u>Pittsburgh, PA 15238</u>	Facility Address	<u>3710 Saxonburg Boulevard</u> <u>Pittsburgh, PA 15238-1068</u>
Municipality	<u>Indiana Township</u> <u>Little Deer Creek (TSF), Cedar Run (CWF), Squaw Run (HQ-WWF), Blue Run (CWF), Rawlins Run (CWF), Little Pine Creek (TSF), Pine Creek (TSF), Shafers Run (CWF), Cunningham Run (CWF), Long Run (CWF), and Deer Creek (CWF)</u>	County	<u>Allegheny</u>
Receiving Water(s)		Ch. 93 Class.	<u>HQ-WWF, TSF, and CWF</u>
Date Application Received	<u>May 26, 2023</u>		

Checklist

	<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 type="checkbox"/>	6. Stormwater Management Ordinance (municipal applicants seeking renewed coverage only).	Stormwater management ordinance enacted 11/13/18
<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
<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 PRP submitted 9/30/24.

Approve	Deny	Signatures	Date
X		 Lauren Nolfi / Environmental Engineering Specialist	January 8, 2025
X		 Michael E. Fifth, P.E. / Environmental Engineer Manager	February 14, 2024

<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 (WLAs).	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 Indiana Township under the Individual MS4 Permit on May 26, 2023. Indiana's previous individual permit was issued on November 19, 2018 and expired on November 30, 2023. Indiana Township is located in Allegheny County and has a total population of 7254, per the 2020 US Census. The township has an urbanized area of approximately 5885.5 acres per the DEP Land Cover Estimates. Approximately 12% of the township's urbanized area is impervious and 88% of the township's urbanized area is pervious. The renewal submittal included a Stormwater Management Ordinance that was enacted on November 13, 2018 to be consistent with an Act 167 Plan approved by DEP in 2005 or later. Indiana is relying on Pennsylvania's Chapter 102 program for erosion and sediment control and post-construction stormwater management requirements.

Indiana Township has outfalls discharging to 11 receiving water bodies within two HUC-12 Watersheds: Deer Creek Watershed and Little Pine Creek-Pine Creek Watershed. The most downstream outfall to each water body is listed as: Outfall 221 to Little Deer Creek (TSF), Outfall 190 to Unnamed Tributary (UNT) to Deer Creek (CWF), Outfall 256 to Long Run (CWF), Outfall 182 to Rawlins Run (CWF), Outfall 243 to Blue Run (CWF), Outfall 118 to Cunningham Run (CWF), Outfall 237 to Shafers Run (CWF), Outfall 078 to Cedar Run (CWF), Outfall 110 to Squaw Run (HQ-WWF), Outfall 019 to UNT to Little Pine Creek (TSF), Outfall 007 to UNT to Pine Creek (TSF).

Little Deer Creek is impaired for metals, siltation, flow alterations, turbidity, and total dissolved solids, resulting from construction, subsurface mining, and acid mine drainage. **Deer Creek** is impaired for metals, nutrients, siltation, suspended solids, flow alterations, other habitat alterations, total dissolved solids, and turbidity, resulting from construction, subsurface mining, and acid mine drainage. **Blue Run** is impaired for nutrients and siltation, resulting from rural (residential areas), and highway/ road/ bridge runoff (non-construction). **Cunningham Run** is impaired for siltation, resulting from habitat modification and streambank modifications/ destabilization. **Squaw Run** is impaired for pesticides, nutrients, organic enrichment/ low D.O., and flow alterations, resulting from highway/ road/ bridge runoff (non-construction), rural (residential areas), golf courses, and urban runoff/ storm sewers. **Little Pine Creek** is impaired for pathogens. **Pine Creek** is impaired for pathogens, nutrients, and siltation, resulting from site clearance (land development or redevelopment) and rural (residential areas). **Rawlins Run, Long Run, Shafers Run, and Cedar Run** have no listed impairments but are tributary to **Deer Creek**. All of the receiving waters are tributary to the Allegheny River. The **Allegheny River** is impaired for chlordane, PCB, and pathogens.

The Pine Creek Watershed is impaired with a TMDL for pathogens, E. coli, and fecal coliform. Impairments due to pathogens, regardless of whether there is an approved TMDL, are addressed by Appendix B Pollutant Control Measures (PCMs). The Allegheny River is impaired with a TMDL for PCBs, chlordane, and organics. Impairments due to polychlorinated biphenyls (PCBs), pesticides, and any other organic compound listed at 40 CFR Part 423, Appendix A, regardless of whether there is an approved TMDL, are addressed by Appendix C PCMs.

During the last permit cycle, Indiana Township was subject to Appendix A, B, C, and E requirements. Indiana submitted a Pollutant Reduction Plan (PRP) to reduce pollutant loadings of sediment by 10% and nutrients by 5% in the Deer Creek and Little Pine Creek-Pine Creek HUC-12 Watersheds. A revised PRP was submitted on September 30, 2024. PRP modifications include updates to dates associated with the public participation section, mapping descriptions, and details for new BMPs associated with new developments in the township, loading calculations, and an updated summary table of reductions to date.

Indiana Township has submitted annual reports for 2004 – 2024. Indiana documented their Minimum Control Measures (MCMs) and PCMs from the last permit cycle in their 2019 – 2023 Annual Reports. Storm Sewershed Maps were completed in April of 2023; the township's Source Inventory was completed in August of 2021; Investigation of Suspected Sources was completed in August of 2021; the Ordinance/ SOP for Controlling Animal Wastes was enacted on April 8, 1997 and revised on January 3, 2017. The township's updated Ordinance was attached with their 2019 Annual Report.

Indiana Township's previous permit required that the borough achieve pollutant loading reductions for sediment and phosphorus as specified in Appendix E by November 30, 2023. Indiana submitted their PRP Final Report on September 30, 2024 as an attached to their Annual MS4 Status Report. The PRP Final Report is currently under review by DEP.

Indiana Township was most recently inspected on January 20, 2021 as an administrative/ file review and on February 1, 2024 as a compliance evaluation. No violations were noted. The inspection report recommends that the municipality tailor their training to the public works personnel for their specific roles, specify a target audience list, and post annual stormwater reports, MS4 SOPs, and compliant process procedures. The municipality has no open violations.

Draft permit issuance is recommended.