

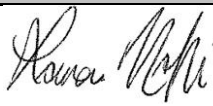

Application Type Renewal
Facility Type MS4
MS4 Type Small

**INDIVIDUAL MS4
CHECKLIST**

Application No. PAI136106
APS ID 792725
Authorization ID 1308396

Applicant and Facility Information			
Applicant Name	<u>Chippewa Township Beaver County</u>	Facility Name	<u>Chippewa Township Storm Sewer System</u>
Applicant Address	<u>2811 Darlington Road</u> <u>Beaver Falls, PA 15010-1027</u>	Facility Address	<u>2811 Darlington Road</u> <u>Beaver Falls, PA 15010-1027</u>
Municipality	<u>Chippewa Township</u> Unnamed Tributary to North Branch Brady Run (TSF), Unnamed Tributary to Wallace Run (WWF), Walnut Bottom Run (WWF), Wallace Run (WWF), Unnamed Tributary of North Fork Little Beaver Creek (HQ-CWF), and Brady Run (TSF)	County	<u>Beaver</u>
Receiving Water(s)	<u>Chippewa Township Beaver County</u>	Ch. 93 Class.	<u>TSF, WWF, and HQ-CWF</u>
Date Application Received	<u>March 9, 2020</u>		

Checklist		
	Completeness Item	Comments
<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).	Revised mapping received 3/25/21 and 5/21/21.
<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 on 5/20/15.
<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 checked="" type="checkbox"/>	9. Chesapeake Bay PRP (Appendix D) and/or Impaired Waters PRP (Appendix E), where required.	PRP Revisions received 3/25/21, 5/21/21, 7/1/21.

Approve	Deny	Signature	Date
X		 Lauren Nolfi, E.I.T. / Environmental Engineering Specialist	July 7, 2021
X		 Michael E. Fifth, P.E. / Environmental Engineer Manager	July 7, 2021

<input checked="" 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.	Public notice published on the Chippewa Township website in the ‘News and Announcements’ section on October 12, 2020. No comments were received.
<input checked="" 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).	Revised mapping received 3/25/21 and 5/21/21. Mapping included detailed Brady Run Watershed Map and Walnut Bottom Run Watershed Map.
<input checked="" type="checkbox"/>	9c. PRP contains a section that describes the pollutants of concern.	Brady Run – siltation Walnut Bottom Run - siltation
<input checked="" type="checkbox"/>	9d. PRP contains existing load calculations for pollutants of concern.	
<input checked="" type="checkbox"/>	9e. PRP selects BMPs to achieve the minimum required reductions in pollutant loading	Street Sweeping, Bioretention Pond, Raingarden
<input checked="" type="checkbox"/>	9f. PRP identifies funding mechanisms.	Township General Fund, creation of a stormwater fee
<input checked="" type="checkbox"/>	9g. PRP identifies responsible parties for operation and maintenance (O&M) of BMPs.	Chippewa Township Public Works
<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 an expired Notice of Intent (NOI) for renewal of coverage of Chippewa Township under the Individual MS4 Permit on March 9, 2020. Chippewa Township’s existing individual permit was issued on June 1, 2014 and expired on May 31, 2019. Chippewa Township is located in Beaver County and has a population of 5925 per the 2010 US Census. The township has an urbanized area of approximately 4049 acres per DEP Land Cover Estimates. 21% of the township’s urbanized area is impervious and 79% of the township’s urbanized area is pervious. The renewal submittal included Stormwater Management Ordinance No. 249 that was enacted on May 20, 2015 as part of the Township’s Subdivision and Land Development Ordinance to be consistent with an Act 167 Plan. The township is not relying on Pennsylvania’s Chapter 102 program for erosion and sediment control and post-construction stormwater management requirements.

The township's submitted PRP did not include sufficient BMPs to address their required load reduction. A revised PRP was submitted on March 25, 2021 and included revised mapping, revised pollutant load calculations based on storm sewershed drainage area, and parsed out large areas from the planning area based on stormwater runoff discharges to Route 51 or to a deciduous forest area. The PRP's mapping and information provided for the parsed out area were insufficient for the PRP review. A second revised PRP was submitted on May 21, 2021 and included revised mapping and additional information for the parsed out areas. The PRP's Proposed BMPs and BMP efficiencies did not meet the requirements in the DEP BMP Effectiveness Table. A third revised PRP was submitted on July 1, 2021 and included revised BMP descriptions and calculations to meet requirements in the DEP BMP Effectiveness Table.

The MS4 has outfalls discharging to receiving water bodies within three HUC-12 Watersheds: Dilworth Run-North Fork Little Beaver Creek Watershed, Beaver River-Ohio River Watershed, and Brady Run Watershed. The most downstream outfall to each water body is listed as: Outfall BR-001 to Brady Run (TSF), Outfall UNT-NBBR-001 to Unnamed Tributary (UNT) to North Branch Brady Run (TSF), UNT to North Fork Little Beaver Creek (HQ-CWF), Outfall UNT-WR-001 to UNT to Wallace Run (WWF), Outfall WB-001 to Walnut Bottom Run (WWF), Outfall WR-001 to Wallace Run (WWF).

UNT to North Branch Brady Run has no listed impairments. Brady Run is impaired for siltation, resulting from highway/ road/ bridge runoff. Walnut Bottom Run is impaired for Siltation, resulting from urban runoff/ storm sewers, habitat modification and flow regime modification. Wallace Run, Walnut Bottom Run, Brady Run and North Branch Brady Run are tributaries to the Beaver River and the Ohio River. The Beaver River is impaired for PCBs and Pathogens and the Ohio River is impaired for Pathogens, PCBs, and Dioxins. Chippewa Township is subject to Appendix B, C and E requirements. Chippewa Township submitted one PRP to reduce pollutant loadings of sediment by 10% in the Beaver River-Ohio River Watershed and Brady Run Watershed. Revised PRPs were submitted in March, May, and July of 2021. The PRP technical review checklist is attached.

Chippewa Township has submitted annual reports from 2004-2006, 2008, 2015, and 2017, but is overdue for submitting their 2007, 2009-2014, 2016, and 2018-2021 annual reports. As will be stated in the final permit cover letter, Chippewa Township is required to resume annual report submittals. Chippewa Township was most recently inspected August 17, 2015 as a compliance evaluation and on April 20, 2018 as an administrative/ file review; no violations were noted. The municipality has no open violations.

Permit issuance is recommended.