

## **APPENDIX A**

### **PA DEP FORM FOR THE CHESAPEAKE BAY POLLUTANT REDUCTION PLAN**



## MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) TMDL PLAN / CHESAPEAKE BAY POLLUTION REDUCTION PLAN

This form is designed to assist permittees in meeting the requirements of MS4 NPDES permits for TMDL Plans and Chesapeake Bay Pollutant Reduction Plans. Complete this form if (1) there are any stormwater discharges to receiving waters that are covered by an EPA-approved TMDL and wasteload allocation(s) (WLA(s)) have been assigned to the MS4 in the TMDL, and/or (2) any portion of the urbanized area (UA) is in the Chesapeake Bay Watershed. Complete Section A if (1) applies, Section B if (2) applies, and both Sections if (1) and (2) apply. Please review the instructions and attached Frequently Asked Questions (FAQ) document carefully before completing this form.

**Check all that apply:**

- TMDL Plan / TMDL Design Details (Section A) Completed
- Chesapeake Bay Pollutant Reduction Plan (Section B) Completed

GENERAL INFORMATION			
Permittee Name:	City of Williamsport	NPDES Permit No.:	PAI134808
Mailing Address:	City Hall 245 West 4 <sup>th</sup> Street	Effective Date:	April 1, 2014
City, State, Zip:	Williamsport	Expiration Date:	March 31, 2019
MS4 Contact Person:	John Grado	Renewal Due Date:	October 1, 2018
Title:	Director of Community Development	Municipality:	City of Williamsport
Phone:	570-327-7516	County:	Lycoming
Email:	cddirector@cityofwilliamsport.org	Consultant Name:	Michael Baker Corporation
Co-Permittees (if applicable): <b>Borough of Montoursville, Lycoming Township, Hepburn Township, Loyalsock Township, Fairfield Township, Old Lycoming Township, Pennsylvania College of Technology</b>			

SECTION A: TMDL PLAN / TMDL DESIGN DETAILS
<p>1. Provide a summary of the TMDL Strategy as submitted to DEP with the NPDES permit application or NOI:</p> <p style="margin-left: 20px;"><b>N/A</b></p>

2. Identify the name(s) of surface waters that receive stormwater discharges from the MS4 UA that are covered by EPA-approved TMDLs:

**N/A**

3. Identify the total number of discharge points from the MS4 and their identification numbers (e.g., "001") for the discharges identified in No. 2, above. Attach an additional sheet if necessary. A map may also be used to identify the discharge points.

**N/A**

4. List the title of the applicable TMDL(s) (as the name appears on the TMDL report):

**N/A**

5. Identify the Watershed name(s) and 8-digit Hydrologic Unit Code(s) (HUC) (see instructions):

**N/A**

6. List the name(s) of all municipalities subject to the TMDL(s) within the area of the same 8-digit HUC:

**N/A**

7. List the pollutant(s) and wasteload allocations (WLAs) (including units) that are identified in the TMDL(s) for the MS4:

**N/A**

8. What is the estimated current load(s) discharged by the MS4 for the pollutant(s) identified in the TMDL(s), and the percent reduction(s) necessary in order to achieve the WLA(s) assigned to the MS4?

**N/A**

9. Explain in the space below (or an attached sheet) how the current load(s) in No. 8, above, were estimated:

**N/A**

10. In the space provided, or on additional sheets, provide a list of all control measures or Best Management Practices (BMPs) that will be implemented to achieve the required pollutant reduction(s). Identify each BMP and indicate (1) the location(s) of the BMP (latitude/longitude, street name(s) or other locational information), (2) a timeline for implementation with interim milestones as appropriate, (3) how each BMP is expected to reduce the TMDL pollutant(s) in the receiving waters, (4) an estimate of the pollutant load entering the BMP, (5) the reduction (in lbs/year or %) of the TMDL pollutant(s) that are expected and how the estimate(s) were derived, (6) the rationale for selecting the BMP, and (7) a description of the planned inspection, operation and maintenance for the BMP.

**N/A**

## SECTION B: CHESAPEAKE BAY POLLUTANT REDUCTION PLAN

1. Provide a narrative description of the drainage area of the MS4 within the UA that discharges to the Chesapeake Bay Watershed. The description should discuss pervious and impervious cover.

**Please see Section 2 MS4 Area in the attached report.**

2. Identify areas where municipal infrastructure upgrades are planned and include an evaluation of the suitability of green infrastructure, low impact development (LID) or Environmental Site Design (ESD) BMPs.

**Please see Section 2.2 Planned Infrastructure and New Discharges and Section 4 Pollutant Reduction Potential in the attached report.**

3. Optional – Provide estimates of the current loads (lbs/year) of Nitrogen (N), Phosphorus (P) and Sediment being discharged annually to receiving waters in the Chesapeake Bay Watershed. Explain how the estimates were made.

**No estimates of current loads were calculated at this time.**


4. In the space provided, identify the control measures from Section II F of the NOI Instructions (3800-PM-BPNPSM0100c), or others, which will be implemented in the MS4 to reduce pollutant load to the Chesapeake Bay Watershed. Attach additional sheets if necessary. Identify a name or number for each BMP and indicate (1) the location(s) of the BMP (latitude/longitude, street name(s) or other locational information), (2) a timeline for implementation with interim milestones as appropriate, (3) how each BMP is expected to reduce N, P and/or Sediment in the receiving waters, (4) the rationale for selecting the BMP, and (5) a description of the planned inspection, operation and maintenance for the BMP. Optionally, for each BMP you may provide an estimate of the reduction (in lbs/year or %) of N, P and Sediment that are expected and how the estimate(s) were derived.

**TMDL Control Measure information can be found in Section 4.2 BMP Selection and Implementation in the attached report.**

- (1) A table of detailed structural and non-structural BMP information including can be found in Appendix B**
- (2) In Appendix C, Table C-1 contains a timeline for implementation. This can also be found in Section 5-1 Schedule of Implementation.**
- (3) BMP expectations are included in Section 4.2 BMP Selection and Implementation.**
- (4) The Selection process and rationale is explained in Section 4.2 Selection and Implementation.**
- (5) A description of BMP inspection, operation and maintenance is included in Section 5.2 Inspection, Operation, and Maintenance. No estimates of load reductions have been calculated.**

**ENGINEER CERTIFICATION**

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, that the TMDL and/or Chesapeake Bay Pollutant Reduction Plans are designed to achieve pollutant reductions consistent with the WLA(s) in the TMDL and/or the goals in the Chesapeake Bay Watershed Implementation Plan.

	Professional Engineer Name: Julia Fine
	Signature
	Date: 4/1/15
	License No.: PE077510
	License Expiration Date: 9/30/15
	Company: Michael Baker Corporation
Telephone: 215-442-5336	

**RESPONSIBLE OFFICIAL CERTIFICATION**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Name of Responsible Official	Signature
Telephone No.	Date