



STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER AND WASTE MANAGEMENT

**MS4 ANNUAL REPORT FORM**

For Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

Please see instructions before completing this form. If you need more space than allowed, please attach a document.

Abbreviations

BMP = Best Management Practice

IDDE = Illicit Discharge Detection and Elimination

MCM = Minimum Control Measure

SWMP = Storm Water Management Program

TMDL = Total Maximum Daily Load

WV = West Virginia

**I. Small MS4 Operator Information**

1. Annual report reporting period: <i>September 2023 through September 2024</i>		
2. Name of MS4: <i>City of Benwood</i>	3. Registration number: <i>WV R030026</i>	
4. Primary contact: <i>Sean Lake</i>	5. Title: <i>WW Supervisor</i>	
6. Mailing address: <i>430 Main Street</i>		
7. City: <i>Benwood</i>	8. Zip code: <i>26301</i>	9. County: <i>Marshall</i>
10. Telephone number: <i>304-232-4320</i>		
11. Email: <i>Seandonleylake51@gmail.com</i>		

**II. Impaired Waters Information**

12. Does the MS4 discharge into impaired water bodies?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
13. Please provide a description of specific BMPs that were implemented to reduce pollutants of concern in impaired receiving waters and waters in which a TMDL has been developed. (WV MS4 2014 General Permit-p. 46, #12)		
<i>See attached</i>		
14. Has a TMDL been developed since your plan was approved?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

**III. Fiscal Reporting**

15. Include or attach a fiscal analysis of capital and operating expenditures to implement the MCMs. The fiscal analysis shall include only those expenditures by the locality seeking coverage under the WV MS4 2014 General Permit and not those for MCMs implemented by other entities. (WV MS4 2014 General Permit, p. 46, #13)	
16. Please provide total capital expenditures for this reporting period.	\$ <i>0</i>
17. Please provide total operating expenditures for this reporting period.	\$ <i>5,000.00</i>

IV. Coordination Efforts and Organization

18. Please provide a description of the coordination efforts with other MS4s, county governments, transportation agencies, colleges, universities, correctional facilities, prisons, and any other entities regarding the implementation of the MCMs, including the status of any memoranda of understanding or other agreements executed between the permittee(s) and any other entity. (WV MS4 2014 General Permit, p. 46, #9)

We stay in contact with other municipalities and try to meet standards. Lack of employees & non stop work make it hard but we are keeping up.

19. Please provide name and contact information for individual with overall program management and implementation responsibility, and if different, name and contact information of individuals responsible for each minimum control measure. Please attach a table of organization.

Dave McLaughlin, Public Works & Development Director; 430 Main St; Benwood, WV 26301; (304)232-4320

V. Changes to SWMP

20. Did any of your activities, BMPs, or measurable goals as outlined in your SWMP change during the reporting period?

Yes  No

21. Do you anticipate any planned activities, BMPs, or goals as outlined in your SWMP to change in the upcoming reporting period?

Yes  No

22. If anything has changed, please indicate the MCM and performance measure and provide a brief description below, and attach detailed documentation of the changes, schedule of implementation, measurable goals, and overall effect on your program. (WV MS4 2014 General Permit, p. 24, #6 and #7)

N/A

23. Is additional documentation attached?

Yes  No

VI. MCM 1: Public Education and Outreach (WV MS4 2014 General Permit.)

24. Did you complete all the proposed activities and performance measures for this MCM for this reporting period?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
25. Contact: <u>Dave McLaughlin</u>	26. Phone: <u>304-232-4320</u>	

**Performance Measure 1a: Program implementation**

27. Were the proposed activities for developing a public education and outreach program implemented?	Yes <input checked="" type="checkbox"/>	Partially <input type="checkbox"/>	No <input type="checkbox"/>
--	---	------------------------------------	-----------------------------

28. List and briefly describe each of the public education and outreach program development activities undertaken during this reporting period. (WV MS4 2014 General Permit, p. 46, #1)

Stormwater Page has been added to the website and pamphlets passed door to door.

29. Did you achieve all the goals that you identified in your SWMP related to developing the education and outreach program for this reporting period? (WV MS4 2014 General Permit, p. 46, #3)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
--	---	-----------------------------

30. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above. (WV MS4 2014 General Permit, p. 46, #4)

N/A

**Performance Measure 1b: Evaluation of effectiveness of public education and outreach efforts**

31. Did you evaluate the effectiveness of the public education and outreach program? Yes  Partially  No

32. How did you evaluate the effectiveness of the public education and outreach program in this reporting period?  
(WV MS4 2014 General Permit, p. 46, #2)

We monitor the website and inspect properties

33. Regardless of your answer to the previous question, have you identified new or better ways to evaluate the public's understanding of your program and water quality issues? Yes  No

34. If yes, please describe any changes you would like to consider to improve your evaluation of effectiveness of outreach.

N/A

**Performance Measure 1c: Documentation and tracking of public education and outreach efforts**

35. Did you track and keep records of your outreach activities?	Yes	Partially	<input checked="" type="checkbox"/> No
36. For print, radio, and television media activities, did you keep records that include i) a description of the content or theme; ii) the date of completion of the materials; iii) the date of release or distribution, and iv) the duration of air time or publication? (WV MS4 2014 General Permit, p. 46, #1)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
37. Are your records available upon request?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
38. For pamphlets, brochures, and other finite printed products, did you keep records that include: i) a description of the content or theme; ii) the date of completion of the materials; iii) the date of release or distribution; iv) the location or placement of the materials; and v) date of follow up visits to replenish or transition to the next outreach product? (WV MS4 2014 General Permit, p. 46, #1)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
39. Please describe any additional or alternative documentation and tracking of public education and outreach activities you are implementing.			

VII. MCM 2: Public Involvement and Participation (WV MS4 2014 General Permit)

40. Did you complete all the proposed activities and performance measures for this MCM for this reporting period?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
41. Contact: <u>Dave McLaughlin</u>	42. Phone: <u>304-232-4320</u>	

**Performance Measure 2a: Opportunities for ongoing public involvement and participation in the SWMP**

43. Did you create, or are you in the process of creating, ongoing opportunities for the public to participate in the development, implementation, and updating of your SWMP?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
44. Did you achieve all the goals that you identified in your SWMP related to creating and maintaining ongoing opportunities for public involvement and participation for this reporting period? (WV MS4 2014 General Permit, p. 46, #3)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

45. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above.  
(WV MS4 2014 General Permit, p. 46, #4)

N/A

46. List and briefly describe each of the activities undertaken during the reporting period to create ongoing opportunities for the public to participate in your SWMP. (WV MS4 2014 General Permit, p. 46, #1)

Flyers, Chances to speak at Council meetings, webpage.

47. Describe how you evaluated the effectiveness of your public participation efforts (citizen attendance at public hearings, requests for information on your SWMP, hotline activity, etc.).  
(WV MS4 2014 General Permit, p. 46, #2)

I evaluate through citizen attendance and knowledge gained.  
Citizen Interactions

48. Describe the steps taken to ensure that public participation opportunities are ongoing and, if necessary, additional program maintenance activities in future reporting periods to ensure continued participation opportunities. (WV MS4 2014 General Permit, p. 46, #4)

We are currently in the process of setting up a public hearing for stormwater awareness & a town & stream clean up.

**Performance Measure 2b: Communications with community, watershed, and environmental organizations**

49. Did you establish a program for routine communications with community based watershed groups or other organizations? Yes  Partially  No

50. Describe the steps taken to ensure that your programs for routine communications with community-based watershed groups or other organizations are ongoing, or any additional program activities that you believe may be required to ensure continued communications. (WV MS4 2014 General Permit, p. 46, #4)

I am in constant contact with surrounding cities and towns. We also go to class/training and learn from bigger cities

51. Did you achieve all the goals that you identified in your SWMP related to creating and maintaining ongoing communications with community based watershed groups or other organizations for this reporting period? (WV MS4 2014 General Permit, p. 46, #3) Yes  Partially  No

52. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above. (WV MS4 2014 General Permit, p. 46, #4)

We stay in contact and are working on achieving our goals. We are a small municipality with limited workers and unlimited work.

**Performance Measure 2c: Public availability of SWMP and annual report**

53. Did you make your SWMP and annual report available to the public? Yes  No

54. If yes, please indicate the web address, or if a physical location, please indicate where it is and the process, if any, required for the public to access it.

430 Main Street

VIII. MCM 3: Illicit Discharge Detection and Elimination (WV MS4 2014 General Permit)

55. Did you complete all the proposed activities and performance measures for this MCM for this reporting period? Yes  No

56. Contact: *Dave McLaughlin* 57. Phone: *304-232-4320*

Performance Measure 3a: MS4 map

58. Were your proposed activities for creating and annually updating your MS4 map for the reporting period implemented? Yes  Partially  No

59. List and briefly describe the activities undertaken to either develop or update your MS4 map. (WV MS4 2014 General Permit, p. 46, #1)  
*Currently updating maps due to continuous construction of New sewer mains & storm water mains.*



**Performance Measure 3b: Illicit Discharge Detection and Elimination (IDDE) ordinance development**

60. Has your municipality adopted an IDDE ordinance in accordance with the requirements of the WV MS4 2014 General Permit (Part II Section C.7.c.10 &11)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
61. If not, please describe the activities or progress made in adopting or updating an existing ordinance and provide an estimated date for adoption. (WV MS4 2014 General Permit, p. 46, #1)		
N/A		

**Performance Measures 3c and 3e: IDDE program implementation and assessment, and program tracking**

62. Is your IDDE program fully implemented, including visual inspections based on a system of prioritizing outfalls and procedures for characterizing discharges?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
63. If no, please describe obstacles, if any, to implementation, and an estimate of when your program will be fully implemented.		
N/A		
64. Were all your measurable goals met for implementing and evaluating an IDDE program during this reporting period? (WV MS4 2014 General Permit, p. 46, #3)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
65. How many field assessments were conducted during the reporting period?	10	
66. How many illicit discharges were identified during the reporting period?	5	
67. How would you characterize the type of illicit discharges found (sewer cross connections, spills, illegal dumping, unaware residents, etc.)?		
unaware residents & Businesses		
68. How would you characterize the type of pollutants discovered in illicit discharges (oil and grease, fecal coliform, chlorine, paints, etc.)? Name the top five pollutants discovered or uncovered by your IDDE program.		
oil & grease Cleaning Supplies		
69. How many corrective actions were taken to remove illicit discharges?	all	
70. How many enforcement actions were initiated to eliminate illicit discharges into the storm sewer system?	0	
71. Have you attached additional documentation to better identify the nature and extent of the program activities and accomplishments?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

**Performance Measure 3d: Public education on hazards of illegal discharges and improper disposal of waste**

72. Did you conduct any activities for educating the public on hazards of illegal discharges for this reporting period? (WV MS4 2014 General Permit, p. 46, #3) Yes  Partially  No

73. List and briefly describe each of the education and outreach activities undertaken during this reporting period. (WV MS4 2014 General Permit, p. 46, #1)  
Listed a notice on Utilities Bill  
handed out Pamphlets  
Face to Face interaction with the public  
Continuous staff training

74. Were any of these activities included in the public education and outreach efforts described in MCM 1? Yes  No

75. How did you evaluate the effectiveness of the activities described in the list above? (WV MS4 2014 General Permit, p. 46, #2)  
follow-ups / Inspections

76. Did you achieve all the goals that you identified in your SWMP related to educating the public on hazards of illegal discharges for this reporting period? (WV MS4 2014 General Permit, p. 46, #3) Yes  No

77. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above. (WV MS4 2014 General Permit, p. 46, #4)  
N/A

**Performance Measure 3f: Training for municipal staff on identification, reporting, and elimination of illicit discharges**

78. Have you developed a program to train municipal employees on illicit discharges?	Yes <input checked="" type="checkbox"/>	Partially <input type="checkbox"/>	No <input type="checkbox"/>
79. Did you conduct any municipal employee training during this reporting period?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

80. List and briefly describe the training activities conducted during the reporting period.  
 (WV MS4 2014 General Permit, p. 46, #1)

Attended Class on MS4 at M.U.B  
 Trained new employees on steps of MS4

81. How did you evaluate the effectiveness of the training activities? (WV MS4 2014 General Permit, p. 46, #2)

Staff identifying problems & correcting them.

82. How many municipal employees were trained to identify and report illicit discharges?  
 (WV MS4 2014 General Permit, p. 46, #2)

5

83. Did you achieve all the goals that you identified in your SWMP related to training municipal employees on IDDE procedures for this reporting period? (WV MS4 2014 General Permit, p. 46, #3)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
---	---	-----------------------------

84. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above.  
 (WV MS4 2014 General Permit, p. 46 #4)

N/A

**IX. MCM 4: Construction Site Runoff Control (WV MS4 2014 General Permit, p. 19-22)**

85. Did you complete all proposed activities and performance measures for this MCM for this reporting period? Yes  No

86. Contact: Dave McLaughlin 87. Phone: 204-232-4320

**Performance Measures 4a and 4b: Develop and implement an ordinance to address stormwater runoff from construction sites one acre or greater**

88. Has your municipality adopted a construction site runoff control ordinance in accordance with the requirements of the WV MS4 2014 General Permit (Part II Section C.7.d.2 and 4) Yes  Partially  No

89. If a program ordinance has not been adopted, have the proposed activities for developing and implementing an ordinance to address stormwater runoff from construction sites been implemented? Yes  Partially  No

90. Please indicate the anticipated ordinance adoption schedule. (WV MS4 2014 General Permit, p. 46, 4.a)1)  
N/A

91. Has your construction site ordinance been reviewed and/or updated to include any new criteria during the reporting period? Yes  Partially  No

92. Is your construction site program being fully implemented to include provisions for: i) plan review, ii) routine site inspections, iii) enforcement, and iv) record keeping and reporting? Yes  Partially  No

93. Please indicate the number of plan approvals during the reporting period.

94. Please indicate the number of construction site inspections during the reporting period.

95. Please indicate the number of enforcement actions during the reporting period (can attach document).

96. Are enforcement records maintained and available upon request? Yes  Partially  No

97. Is there adequate funding to fulfill the program implementation requirements required by the WV MS4 2014 General Permit? Yes  Partially  No

98. Briefly list and describe any activities outlined in your SWMP completed during the past permit year related to construction site operator and/or permittee site inspector training. (WV MS4 2014 General Permit, p. 46, 4.a)1)  
N/A

99. Did you achieve all the goals that you identified in your SWMP related to developing or implementation and assessment of a construction site runoff control program for this reporting period? (WV MS4 2014 General Permit, p. 46, #3) Yes  No

100. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above. (WV MS4 2014 General Permit, p. 46, #4)  
N/A

**X. MCM 5: Controlling Runoff from New Development and Redevelopment** (WV MS4 2014 General Permit, p. 22-33)

101. Did you complete all proposed activities and performance measures for this MCM for this reporting period?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
102. Contact: <i>Dave McLaughlin</i>	103. Phone: <i>304-232-4320</i>	

**Performance Measure 5a: Develop, implement, and enforce a program to protect water resources by addressing stormwater discharges from regulated new and redevelopment projects**

104. Has your municipality adopted a stormwater management ordinance in accordance with WV MS4 2014 General Permit (Part II Section C.7.e.8, 11(a))	Yes <input checked="" type="checkbox"/>	Partially <input type="checkbox"/>	No <input type="checkbox"/>
---	---	------------------------------------	-----------------------------

105. If your ordinance has not been adopted, please describe the progress made towards final ordinance adoption during this reporting period, and expected date of final adoption. (WV MS4 2014 General Permit, p. 46, 4.a)1)

*N/A*

106. Does your (proposed) ordinance include language incorporating the development incentives described in the WV MS4 2014 General Permit (Part II Section C.7.e.13)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
---	---	-----------------------------

107. Does your (proposed) ordinance include language incorporating the off-site mitigation or fee-in lieu alternatives to on-site BMP implementation as described in the WV MS4 2014 General Permit (Part II Section C.7.e.16)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
--	---	-----------------------------

108. Have you developed a process for reviewing and updating your ordinance and program implementation to address the adequacy of provisions for: i) requiring runoff volume reduction on new and redevelopment sites, ii) plan review, iii) BMP construction and maintenance inspections, iv) enforcement, v) inventory and tracking, and vi) record keeping and reporting?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
--	---	-----------------------------

109. How many projects were reviewed during the reporting period?	<i>0</i>
---	----------

110. What types of projects were reviewed (residential, commercial, industrial, etc.)? (WV MS4 2014 General Permit, p. 32, (u)(ii))

*N/A*

111. Provide a summary of the number and types of stormwater BMPs approved in new and redevelopment projects during the reporting period. Please list the BMPs according to the BMP specification number from the WV Stormwater Management Manual (2012). (WV MS4 2014 General Permit, p. 32, (u)(iii))

*N/A*

112. Provide a summary of the number and type of projects that qualified for each of the development incentives described in the WV MS4 2014 General Permit (Part II Section C.7.e.16.(u)(iii)) during the reporting period. Please indicate if you have attached additional documentation.

N/A

113. Provide a summary of the number of projects that qualified for any offsite mitigation or payment in lieu options described in the WV MS4 2014 General Permit (Part II, Section C.7.e.16(u)(iii)) during the reporting period. Please indicate if you attach additional documentation.

N/A

114. How many maintenance agreements were approved during the reporting period?  
(WV MS4 2014 General Permit, p. 32, (u)(iv))

0

115. Were any maintenance agreements recorded at the county courthouse?

Yes

No

116. Provide a summary of the number and type of stormwater BMP inspections conducted by MS4 personnel or contracted agents (construction as-built, ongoing operation and maintenance audits, complaint driven, etc.). Include (or attach) a summary of: i) the type and number of BMPs requiring maintenance or repair, ii) the number brought into compliance, and iii) the number of enforcement actions taken.  
(WV MS4 2014 General Permit, p. 32, (u)(v))

N/A

117. Did you achieve all the goals that you identified in your SWMP related to developing and/or implementing and assessing a stormwater management program for this reporting period?  
(WV MS4 2014 General Permit, p. 46, #3)

Yes

No

118. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above.  
(WV MS4 2014 General Permit, p. 46, #4)

N/A



Performance Measure 5b: Long-term watershed protection elements		
119. Does a local ordinance or equivalent document incorporate the watershed protection elements described in WV MS4 2014 General Permit (Part II Section C.7.e.8))	Yes <input type="checkbox"/>	Partially <input checked="" type="checkbox"/> No <input type="checkbox"/>
120. If yes, please describe how the permittee's legal authority addresses the following watershed protection elements: (WV MS4 2014 General Permit, p. 32,(u)(i))		
121. Minimize impervious cover.	See attached	
122. Preserve, protect, create, and restore ecologically sensitive areas.	" "	
123. Implement practices that prevent or reduce thermal impacts to streams.	" "	
124. Seek to avoid or prevent hydromodification of water bodies caused by development.	" "	
125. Minimize impacts to existing vegetation (especially trees).	" "	
126. Minimize impacts to native undisturbed soils.	" "	
127. If the watershed protection elements have not yet been incorporated into a planning document or ordinance, please describe the actions to be taken to incorporate these elements. ( WV MS4 2014 General Permit, p. 23, # 10)		
Stormwater ordinance		

Performance Measure 5c: Street and parking design assessments		
128. Were the proposed activities for assessing the current street design guidelines and parking requirements implemented (WV MS4 2014 General Permit, page 33 (v))?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
129. If this is your third-year report, please attach your report assessing the current street and parking design requirements, and recommendations and proposed schedules for incorporating policies and standards to maximize vegetation and minimize impervious cover where possible. (WV MS4 2014 General Permit, p. 46, #8)		

XI. MCM 6: Pollution Prevention & Good Housekeeping for Municipal Operations (WV MS4 2014 General Permit, p. 33-38)

130. Did you complete all the required performance measures for this MCM for this reporting period? Yes  No

131. Contact: Dave McLaughlin 132. Phone: 304-232-4320

**Performance Measures 6a and 6b:** Develop and implement an operation and maintenance program for all municipal facilities that includes prevents or reduces the discharge of polluted runoff

133. Were the proposed activities for developing a pollution prevention and good housekeeping program for municipal operations implemented? Yes  Partially  No

134. List and briefly describe the activities outlined in your SWMP for the development of a pollution prevention and good housekeeping program for municipal operations undertaken during this reporting period.

Constant training

135. Do you have a pollution prevention plan for each of your municipal facilities as required by the WV MS4 2014 General Permit (Part II Section C.7.f)1)? Yes  No

136. Do you have an inspection schedule for conducting inspections at your municipal facilities as required by the WV MS4 2014 General Permit (Part II Section C.7.f)5)? Yes  No

137. Are you tracking and maintaining records of inspection and maintenance activities for each municipal facility as required by the WV MS4 2014 General Permit (Part II Section C.7.f)6)? Yes  No

138. If you answered no to any of the previous three questions, please indicate your proposed schedule for implementing the requirements of the WV MS4 2014 General Permit (page 46, 4.a)1).

N/A

139. How many inspections were conducted at each municipal facility during the reporting period? 4

140. List the top three problems that you have found while conducting inspections at municipal facilities.

Small oil/hydraulic oil spills (contained)  
Downspout tie-ins to sanitary sewer  
Dust in dry months

141. Were these problems corrected? (WV MS4 2014 General Permit, p. 46, 4.a)1)? Yes  No



142. Did you achieve all the goals that you identified in your SWMP related to developing a pollution prevention and good housekeeping program for municipal operations for this reporting period? (WV MS4 2014 General Permit, p. 46, 4.a)3)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
143. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above. (WV MS4 2014 General Permit, p. 46, 4.a)4)		
N/A		

Performance Measure 6c: Municipal employee good housekeeping training		
144. Were the proposed activities for developing a pollution prevention and good housekeeping training program for municipal employees implemented as described in the WV MS4 2014 General Permit (Part II, Section C.7.f.8)10)?	Yes <input type="checkbox"/>	Partially <input checked="" type="checkbox"/> No <input type="checkbox"/>
145. Were the proposed activities for implementing a pollution prevention and good housekeeping training program for municipal employees implemented as described in the WV MS4 2014 General Permit (Part II, Section C.7.f.8)9)10)?	Yes <input type="checkbox"/>	Partially <input checked="" type="checkbox"/> No <input type="checkbox"/>
146. Did municipal employees receive training in accordance with the guidelines described in the WV MS4 2014 General Permit (Part II, Section C.7.f.8)?	Yes <input checked="" type="checkbox"/>	Partially <input type="checkbox"/> No <input type="checkbox"/>
147. How many employees received training during the reporting period? (WV MS4 2014 General Permit, p. 46, 4.a)1)?	1	
148. Are you maintaining records of all municipal training activities (including training agendas, learning objectives, instructor qualifications, sign in sheets, etc.)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
149. Explain how the effectiveness of the training activities was evaluated (number of employees trained and/or certified in specific good housekeeping skills, measurable improvements in cost or performance of facility maintenance activities, or as outlined in your SWMP). (WV MS4 2014 General Permit, p. 46, 4.a)4)		
Inspections of facilities & employee awareness		
150. Did you achieve all the goals that you identified in your SWMP related to training municipal employees on pollution prevention and good housekeeping for this reporting period? (WV MS4 2014 General Permit, p. 46, 4.a)3)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
151. If not, please describe the progress you did make towards achieving your goal(s), and any obstacles and possible solutions such as revised implementation schedules or revised measurable goals. If you are proposing any changes to your SWMP goals or schedule, please include them in Section V above. (WV MS4 20149 General Permit, p. 46, 4.a)4)		
N/A		

13. From information contained in the Site Registration Application, pollutants of concern were identified for the water bodies within the City of Benwood watershed. Included below are the pollutant of concern, BMPs implemented, and the location of the description of the activity within this report or a description of activities performed if not identified elsewhere in the report:

Dioxin:

- No known historical or current industrial sources.

CNA Biological

Benwood will educate via website on fecal and the use (minimization) of salt for deicing, and resulting chlorides in streams to address the biological impairment. Through education for fecal and salt use, the City expects to control the biological impairment

Iron:

Iron impairments will be controlled through the construction ordinance with Erosion and sediment Controls (ESC). Iron in sediments will be controlled or mitigated by:

1. Giving site operators specific information/requirements (ESC) when applying for permits
2. Performing inspections of the construction site

Fecal Coliform

1. Educate residents and businesses on pet waste on website.

By educating our citizens and businesses, we expect to control or decrease fecal contamination to impaired streams

2. Establish a hot-line (phone number) on website for reporting sewage leaks/sewage odors.

Citizens and businesses can report any illicit discharges on our hotline, and the city can respond to mitigate discharges, thereby controlling or reducing fecal contamination to impaired waters. Hotline calls will validate that citizens are aware of illicit discharges (fecal, sedimentation-Fe).

3. Perform inspections for illicit connections, illicit discharges, and improper disposal into the separate storm sewer system.

Inspections of the stormwater system may catch discharges in their incipient stage, or failing infrastructure that can be repaired

121. Site plan reviews are made to assist developers in reducing footprints to assist in reducing the amount of impervious services.
122. When projects are set to occur in ecologically sensitive areas, the City will direct the developers and their engineers to the “Natural Stream Design” methods in accordance with the U.S. army Corps of Engineers practices.
123. During site plan reviews, the City requires that all new developments and redevelopments to provide permanent BMPs to accomplish stormwater management.
124. During site plan reviews, the City requires that all new developments and redevelopments to provide permanent BMPs to accomplish stormwater management.
125. During site plan reviews, City staff observes whether trees are anticipated to be reviewed. If so, a request will be made of the developer and engineer to install trees on the site to provide a net zero impact on tree population.
126. During site plan reviews, City staff observes whether the site appears to have native soils. If so, the developer and engineer will be advised to devise a plan to protect these native soils.