



Tennessee Department of Environment and Conservation  
 Division of Water Resources  
 William R. Snodgrass Tennessee Tower  
 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243

**Phase II Stormwater Permit Notice of Intent (NOI)**  
 Phase II Municipal Separate Storm Sewer Systems (MS4)

**PURPOSE**

The purpose of this Notice of Intent (NOI) is for a Tennessee city, county, utility district, university or military base to submit the information necessary to obtain coverage under an NPDES permit to discharge stormwater runoff from a Phase II municipal separate storm sewer system.

**INSTRUCTIONS**

You must provide the following information to the Division of Water Resources as application material. You may either submit a hard copy of the signed NOI as described in sub-part 2.2.1 of the MS4 Permit, signed in accordance with the signatory requirements of sub-part 6.7 of the permit, and a copy of the NOI, to the address shown in sub-part 1.2 of the permit for the EFO responsible for the county where the facility is located; or you may submit by e-mail, the completed NOI and attachments (such as map and city ordinances) to [water.permits@tn.gov](mailto:water.permits@tn.gov).

After completing the questions in each section, list the Best Management Practices (BMPs) that you will implement in each program. Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

After completing the BMP's in each section provide the administrative information to complete those BMP's as explained here:

Primary Contact and Position/Title	The person in your organization serving as the primary contact.
Other Department and Roles	Other departments within your organization involved in the project and how their role is identified.
Other Government Entity and Roles	Identification of other government entities responsible for implementing one or more of the BMP's. Include a copy of the contract or proposed agreement with execution schedule.
Other Institutions and Roles	Identification of partnerships with another MS4 operator or institution (e.g., Chamber of Commerce, environmental interest organizations, civic groups) to achieve the BMP's.
Target Groups (if applicable)	Specific kinds of groups that will be targeted, such as service industries (i.e., carpet cleaning), civic groups, schools, and church groups, etc.

**PART I - ADMINISTRATIVE INFORMATION**

Name of Phase II MS4 city, county, stormwater utility district or public institution: City of Bristol, TN

Include a latitude and longitude of a representative location within your boundaries for mapping purposes.

Latitude (dd.dddd): 36.5930 Longitude (dd.dddd): 82.1871

Chad Keen Mayor  
 Responsible Elected Official or Officer Title

801 Anderson Street, P.O. Box 1189 Bristol TN 37620  
 Street Address City State Zip Code

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**PROGRAM CONTACT**

Timothy H. Beavers, PE

Name

tbeavers@bristoltn.org

Email Address

(423) 989.5566

Phone Number

**TECHNICAL CONTACT**

Jacob S. Chandler, PE

Name

jchandler@bristoltn.org

Email Address

(423) 989.5585

Phone Number

Attach an organizational chart that shows the different departments involved in stormwater management.

**PART II - DESCRIPTION OF STORM SEWER SYSTEM**

**ITEM A - AREA SERVED (IN SQUARE MILES)**

For a city, town, university, or utility district university or military base:

Provide jurisdiction area within current boundaries	<u>32.97</u>
Provide additional area of urban growth boundary	<u>31.63</u>

For a county:

Provide total area:	_____
Provide area that is unincorporated	_____
Provide unincorporated, urbanized area (UA)	_____

Indicate by checking the appropriate box if the permit will be used to regulate non-UA portions of the county:

- No
- Yes, the entire county (unincorporated)
- Yes, the non-UA portions, as follows: \_\_\_\_\_

**ITEM B - STORM DRAINAGE INFRASTRUCTURE**

Give figures for the following features of stormwater drainage infrastructure owned or operated by the local government. For a county government, indicate whether the figures represent the entire county or only the urbanized area. Figures for length and number of culverts and catch basins may be rough estimates.

For counties: Entire county  Urbanized area only

Storm Sewers	<u>65-miles</u> (miles or feet)	Open Ditches	<u>71.67-miles</u> (miles or feet)
Culverts	<u>3521 total, 260 road culverts (estimate)</u>	Catch Basins	<u>1888</u>
Water Quality Treatment Ponds	<u>2</u>		

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**ITEM C - MAPS**

Include a map or maps depicting the following information. A single map may be submitted, as long as the information is legible. If you are not able to provide all the information mark the applicable check box and attach an explanation as to why the information has not been submitted:

- |   |                          |  |                          |
|---|--------------------------|--|--------------------------|
| Areas zoned for commercial or industrial activity | <input type="checkbox"/> | Military Installations                                 | <input type="checkbox"/> |
| Municipally owned/operated industrial activities  | <input type="checkbox"/> | State vocational, technical, college or universities   | <input type="checkbox"/> |
| Municipal or County Wastewater Treatment Plants   | <input type="checkbox"/> | Federal vocational, technical, college or universities | <input type="checkbox"/> |
| Municipal Vehicle Fleet Maintenance Centers       | <input type="checkbox"/> | City Roads   | <input type="checkbox"/> |
| Municipal Power Plants                            | <input type="checkbox"/> | County Roads   | <input type="checkbox"/> |
| Municipal Airports                                | <input type="checkbox"/> | Streams  | <input type="checkbox"/> |
| Municipal Landfills                               | <input type="checkbox"/> | Topography or General Drainage Patterns                | <input type="checkbox"/> |

**ITEM D - IDENTIFYING STREAMS WITH UNAVAILABLE PARAMETERS or EXCEPTIONAL TENNESSEE WATERS**

Using the GIS mapping tool (<http://www.tn.gov/environment/article/wr-water-resources-data-viewer>) along with the most current 303(d) list (<http://www.tn.gov/environment/article/wr-wq-water-quality-reports-publications>) published on the division's web site, determine whether stormwater from any part of the MS4 discharges into streams with unavailable parameters (previously referred to as impaired streams) for nutrients, pathogens, siltation, or other parameters related to stormwater runoff from urbanized areas or to streams designated as Exceptional Tennessee Waters and list below. For any waterbody with unavailable parameters or Exceptional Tennessee Waters, indicate the waterbody ID#, name of the waterbody and nature of pollution (cause) or Exceptional status.

WATERBODY ID# AND NAME OF WATERBODY	NATURE OF POLLUTANT (CAUSE) OR EXCEPTIONAL
TN06010102 042 – 0200 Back Creek	Nitrate+Nitrite Loss of biological integrity due to siltation Physical Substrate Habitat Alterations Escherichia coli
TN06010102 042 – 1000 Beaver Creek	Nitrate+Nitrite Escherichia coli
TN06010102 042 – 2000 Beaver Creek	Alteration in stream-side or littoral vegetative cover Nitrate+Nitrite Loss of biological integrity due to siltation Escherichia coli
TN06010102 042 – 0500 Cedar Creek	Nitrate+Nitrite Loss of biological integrity due to siltation Other Anthropogenic Habitat Alterations Escherichia coli
TN06010102 042 – 0400 Little Creek	Total Phosphorus Alteration in stream-side or littoral vegetative cover Loss of biological integrity due to siltation Physical Substrate Habitat Alterations Escherichia coli
TN06010102 041 – 0100 Paperville Creek	Loss of biological integrity due to siltation
Nicely Branch, from Paperville Creek to Virginia State Line including tributaries	Exceptional - Naturally reproducing trout stream
Sinking Creek, from Paperville Creek to Virginia State Line including tributaries	Exceptional - Naturally reproducing trout stream
Paperville Creek, from Beidleman Creek to origin including including tributaries	Exceptional - Naturally reproducing trout stream
Beidleman Creek from South Fork Holston River to origin including tributaries	Exceptional - Naturally reproducing trout stream

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If you have additional streams to list, include in a separate attachment.

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**ITEM E - STATE OR EPA ISSUED TDMLs**

Identify established and approved TMDLs with waste load allocations for MS4 discharges in your jurisdiction and check the appropriate box. A list of EPA-Approved TMDLs as well as EPA-Established TMDLs for Tennessee waters can be found on the division's web site: <http://www.tn.gov/environment/article/wr-ws-tennessees-total-maximum-daily-load-tmdl-program>.

Yes  No  If yes, list the waterbody ID#, name of unavailable waterbody and parameter(s) of concern:

WATERBODY ID# AND NAME OF UNAVAILABLE WATERBODY	PARAMETERS OF CONCERN
TN06010102042-0200 Back Creek	Siltation/Habitat Alteration and E. coli
TN06010102042-0500 Cedar Creek	Siltation/Habitat Alteration and E. coli
TN06010102042-2000 Beaver Creek	Siltation/Habitat Alteration and E. coli
TN06010102042-0400 Little Creek	E. coli
TN06010102042-1000 Beaver Creek	E. coli

If you have additional streams to list, include in a separate attachment.

**PART III - EXISTING LEGAL AUTHORITY TO CONTROL STORMWATER DISCHARGES TO MS4**

You must review existing adopted and signed ordinances or regulations that are associated with stormwater discharges to your MS4. Attach a copy of ordinances and/or policies that give your MS4 the authority to control stormwater discharges into the MS4 storm sewer system. Ordinances and/or policies that deal with stormwater issues might be found, for example, in conjunction with litter control, prohibition of dumping, clean up of spills, grading/building permits, sewer connection ordinances, erosion prevention and sediment control practices, subdivision regulations or other land use/development ordinances.

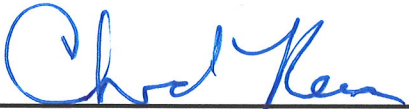
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**PART IV - SIGNATURE OF RESPONSIBLE CORPORATE OFFICER**

This Notice of Intent (NOI) must be signed as follows: For a municipality, state, federal, other public agency, and/or co-permittees by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes one of the following:

- I. The chief executive officer of the agency.
- II. A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information 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. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury."

 _____ Signature	<u>Mayor, City of Bristol, TN</u> _____ Title/Municipality	<u>1-30-17</u> _____ Date
_____ Signature	_____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date
_____ Signature	_____ Title/Municipality	_____ Date

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**PART V - YOUR PROPOSED STORMWATER QUALITY MANAGEMENT PROGRAM**

This NOI requires you to provide a brief description of your current and proposed activities as well as your BMPs for a stormwater management program. The following sections correspond to the six minimum control measures for a Phase II stormwater management program. If another MS4 will be responsible for implementing any or all portions of any or all following six minimum measures, then attach either the interlocutory agreement or the proposed agreement and schedule for adoption. You must still complete this NOI by answering the relevant questions for the six following measures.

For purposes of this NOI, the Public Education and Outreach and Public Participation and Involvement minimum measures have been combined.

**SECTION 1 - PUBLIC EDUCATION AND OUTREACH AND PUBLIC INVOLVEMENT/PARTICIPATION**

**A. Current Activities:**

The following is a set of questions on your current Public Education and Outreach and Public Involvement/Participation. These questions are intended to highlight minimum program requirements under the MS4 permit. Each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

1. Does the municipality currently distribute educational materials on the topics of stormwater quality, instream water quality, pollution impacts, pollution prevention, etc.? If yes, briefly describe the materials, including media used (e.g., written brochures, public service announcements, etc.); the topic(s) covered, intended target audience(s), and the distribution method: The City has a PIE plan that was developed and implemented in 2012. The City participates in the TNSA public service announcements (TAB Program) on water quality and pollution prevention via radio and the City uses PSAs from WaterWorks! on its public TV channel. City staff have developed a public school outreach program designed to reach three different age ranges (elementary school, middle school, and high school). The City has a stormwater website (<http://www.bristoltn.org/134/Stormwater-Information>) that includes the most recent NOI and annual reports that are submitted to TDEC; the City's various ordinances that are included in the NOI submittal; the City's Water Quality BMP Manual; links to other organizations that the City partners with; and information on pesticides, herbicides, fertilizers, oils, and automobile fluids. The website also is used to educate the public on what illicit discharges are, how to report them, and how to become involved in protecting the waterways in the City. The City is also working with other local MS4s and a consultant on developing a guide to SCM inspection and maintenance to provide to owners of SCMs.

Yes       No

2. Does the municipality currently conduct or participate in public outreach activities focusing on the topics of stormwater quality, stream water quality, pollution impacts, pollution prevention, etc.? If yes, briefly describe the outreach activities, topic(s) covered, intended target audience(s), and the frequency of activities: There are community meetings that City staff attend and handout educational material to the citizens. The City provides public notices required by law for development activities. The City partners with various organizations such as the Bristol Chamber of Commerce, Tennessee Stormwater Association, and the Boone Watershed Partnership and through these partnerships, the City participates in annual stream and lake litter collection by providing refuse containers and disposal of the litter and debris collected during the cleanups. The City also participates in the South Holston Lake watershed cleanup; provides an annual medication take-back event; and provides notices for household hazardous waste collection days. The City endorses and sponsors "Keep Bristol Beautiful" an affiliate of "Keep America Beautiful" which is focused on green initiatives as well as litter cleanup and recycling. The City also uses the stormwater website to encourage citizens to become involved in the MS4 program. Over the past few years the City has participated in the Tennessee Environmental Council's 50k tree day event by providing distribution of the trees as well as planting many trees throughout the City.

Yes       No

3. Does the current municipal stormwater management program comply with Local, State and Federal public notice requirements? If yes, describe how the public is notified: Notices of public hearings for comments on ordinances to be considered at City Council are published in the local newspaper and on the City's website.

Yes       No

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**B. Proposed Activities:**

1. List the BMPs that you will implement in the areas of Public Education and Outreach and Public Participation and Involvement. These should be based on a set of priorities that you have identified in the areas of Public Education and Outreach and Public Participation and Involvement. Provide a short descriptive name to the BMP in the left column. In the right column, more fully describe the BMP.

For Public Participation and Involvement BMPs, you may not desire to dictate the ways in which the public participates or is involved in the stormwater quality management program; in this case, your proposed program should provide a forum and/or a structure which guides and encourages the public in participation. On the other hand, there may be specific ways you do want the public to be involved, based on your program needs. For instance, you may want stream watch groups to be organized. In both cases, your proposed program should describe how you will accomplish this, along with a time schedule.

PROPOSED BEST MANAGEMENT PRACTICES FOR PUBLIC EDUCATION AND PUBLIC PARTICIPATION		
BMP	Name	DESCRIPTION
1A.	Continue Public Outreach and Education Program	Continue the current public outreach and education program as required and defined in the MS4 Permit and the PIE Plan. The PIE Plan will be assessed annually when preparing the Annual Report and changes will be made if deemed necessary by the MS4. Changes will be documented in the Annual Report.
1B.	Website	Continue Maintaining the City's stormwater related webpage. The webpage will be assessed annually when preparing the Annual Report. Improvements will be documented in the Annual Report.
1C.	Public Involvement/Participation	Continue partnering with other agencies in activities such as, cleanup events, tree planting events, household hazardous waste collection events, and medication take-back events and continue working with watershed groups.
1D.		

If you have additional BMPs to list, include in a separate attachment.

2. What specific groups will be targeted (e.g., service industries such as carpet cleaning, lawn care, civic groups, schools, church groups) if applicable: School children will be targeted as part of the school outreach. Developers, engineers, and contractors to be targeted as part of the development review process. SCM owners will be targeted as part of the scope of services the City executed with its consultant. Other groups, such as City staff and the general public, that will be targeted are indicated in the current PIE Plan.

**C. Measurable Goals and Implementation Milestones:**

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

**D. Administrative Information:**

ADMINISTRATIVE INFORMATION FOR PUBLIC EDUCATION AND PUBLIC PARTICIPATION	
PRIMARY CONTACT	POSITION OR TITLE
Jacob S. Chandler	City Engineer

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
Parks & Recreation	Assist with tree planting and tree distribution for TEC events.
Community Relations	Assist with website changes, City Calendar changes, and PSAs.

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP



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None	

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
None	

**SECTION 2 - ILLICIT DISCHARGE DETECTION AND ELIMINATION**

**A. Current Activities**

The following is a set of questions on your current Illicit Discharge Detection and Elimination Program. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1 of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

1. Does the municipality currently have a storm sewer system map that shows the location of system outfalls where the municipal storm sewer system discharges into receiving waters or conveyances owned or operated by another MS4? The map must also show: the names and location of waters that receive discharges from those outfalls; inputs into the storm sewer collection system, such as the inlets, catch basins, drop structures or other defined contributing points to the sewershed of that outfall; and general direction of stormwater flow.

Yes  No

2. Does the municipality currently have an ordinance or regulatory mechanism that prohibits unauthorized non-stormwater discharges into the storm sewer system? If yes, attach a copy and give page and section number(s). If No, proceed to the next section (inspections and enforcement).

Yes  No  Page Number 24 - Paragraph Number 74-371  
Code of Ordinances

3. Does the ordinance or regulatory mechanism clearly define non-stormwater discharges, either through a written description of a non-stormwater discharge or through a listing of authorized or unauthorized non-stormwater discharges?

Yes  No

4. Does the ordinance or regulatory mechanism allow right-of-entry on private property for inspection of suspected discharges?

Yes  No

5. Does the ordinance or regulatory mechanism prohibit dumping?

Yes  No

6. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to eliminate unauthorized non-stormwater discharges in the event of violations? If yes, note page number and paragraph number.

Yes  No  Page Number 24 - Paragraph Number 74-373  
Code of Ordinances

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7. Does the ordinance or regulatory mechanism define penalties for violations? If yes, note maximum penalty, page number and paragraph number.

Yes  No  Maximum Penalty \$5,000.00 Page Number 26 - Paragraph Number 74-388  
Code of Ordinances and 74-390

8. Does the municipality presently have personnel and procedures in place to detect, identify and eliminate non-stormwater discharges? If yes, describe and indicate percentage of system inspected: The City has two employees who spend a portion of their time performing dry weather outfall inspections using the Maryland Stream Corridor Assessment Survey Protocols once per permit period; procedures are in place for responding to illicit discharge complaints. During outfall screening any illicit discharges found will be tracked back to the source; dry weather outfall screening will cover 100% of the outfalls during the five year permit period.

Yes  No

9. Does the municipality presently have procedures and personnel in place for enforcement of violations of the illicit discharge ordinance? If yes, describe: The City has an Illicit Discharge ordinance and an Enforcement Response Plan for enforcing the ordinance.

Yes  No

10. Describe how enforcement actions are documented: The City has a standard operating procedure (SOP) for responding to illicit discharges; included in the SOP is the use of an IDDE Tracking Form and once the investigation is completed, City staff also document the enforcement through the Illicit Discharge Enforcement Tracking spreadsheet or the QLP Enforcement Tracking spreadsheet, whichever is applicable. The spreadsheets include the notice of violation (NOV) date, the owner/operator/violator, location of the violation, description of the violation, the corrective action date, compliance status, and the date resolved. Written NOV's are issued if a violation is found and included in the ERP is a list of other escalated enforcement actions that the City will use if the violation is not corrected. NOV's include the violation and required corrective action(s), NOV's are resolved upon implementation of the corrective action(s).

11. Has the municipality defined "hot spots" for non-stormwater discharge screening and inspection purposes? If yes, describe and provide a map of illicit discharge screening hot spots: The City does define hot spots in the post-construction water quality ordinance (Article VII., 74-401) and requires special pollution abatement plans for new projects that are considered hot spots. The City is currently working on a hot spot identification map; with the help of Sullivan County, the City has been able to reduce the number of properties that have the potential to be recognized as hot spots from 12,165 to 1,271. City staff is currently assessing these properties so that a hot spot map can be produced. Provided is a map of the 112 dry weather outfall screening locations.

Yes  No

12. Does the municipality presently have procedures in place to receive and consider information and complaints about non-stormwater discharges that are submitted by the public? If yes, provide brief description: responsible departments, personnel, steps followed: Non-stormwater discharge complaints/information are routed to staff within the Department of Public Works, who take responsibility for complaint response, investigation, and elimination (if needed). This is performed in accordance with the City's IDDE procedure. Codes Enforcement officials are responsible for progressive enforcement if required.

Yes  No

**B. Proposed Activities:**

1. List the BMPs that you will implement in the area of Illicit Discharge Detection and Elimination. These should be based on a set of priorities that you have identified in the area of Illicit Discharge Detection and Elimination. Provide a short descriptive name to the BMP in the left column and more description in the right column.

PROPOSED BEST MANAGEMENT PRACTICES FOR ILICIT DISCHARGE DETECTION AND ELIMINATION		
BMP	Name	DESCRIPTION
2A.	Continue current IDDE program	The City will continue to implement the IDDE program, as required by the MS4 General NPDES Permit. The program will be assessed annually and if changes

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		to the program are needed, the changes will be documented in the Annual Report.
2B.	Stormwater System Map	The stormwater system map will continue to be updated to reflect the addition or elimination of any system outfalls or inputs.
2C.	Dry Weather Outfall Screening	The City will continue screening all stormwater outfalls located within the MS4 in accordance with the MS4 Permit.
2D.	Enforcement Response Plan	The Enforcement Response Plan (ERP) is implemented, will be assessed annually, and if changes to the program are needed, the changes will be documented in the Annual Report.

If you have additional BMPs to list, include in a separate attachment.

2. What specific groups will be targeted, if applicable? The general public, residents, and businesses.

**C. Measurable Goals and Implementation Milestones**

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

**D. Administrative Information**

ADMINISTRATIVE INFORMATION FOR ILLICIT DISCHARGE DETECTION AND ELIMINATION	
PRIMARY CONTACT	POSITION OR TITLE
Jacob S. Chandler	City Engineer

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
Fire Department	The Fire Department responds to discharges/dumping of hazardous materials and to assist with elimination/cleanup of spills as necessary (e.g. petroleum spills)
Community Development	The Department of Community Development is involved in enforcement activities that do not immediately comply with NOVs.

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
None	

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
None	

**SECTION 3 - CONSTRUCTION SITE STORMWATER RUNOFF PROGRAM**

**A. Current Activities**

The following is a set of questions on your current Construction Site Stormwater Runoff Program. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1 of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

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1. Do the current ordinances/regulations for the municipal stormwater management program comply with Local, State and Federal public notice requirements? If yes, describe how the public is notified: All ordinances must be formally adopted by the Bristol, TN City Council during a meeting of the City Council, which is open to the general public. The ordinance is included on the agenda for the City Council meeting and the agenda is available to the public. The meeting is advertised on the City website and the public has the opportunity to comment on the ordinance during the City Council meeting.

Yes  No

2. Do you currently have an erosion prevention and sediment control - or similar - ordinance or regulatory mechanism? If yes, include a copy and reference the paragraph number(s). If No, proceed to the next set of questions below about construction site plans review.

Yes  No  Page Number 6 through 15 Code of Ordinances Paragraph Number 74-271 through 74-332

3. Does the ordinance or regulatory mechanism require that site operators implement erosion prevention, sediment control, and other construction waste controls for land disturbance activities?

Yes  No

4. Does the ordinance/regulatory mechanism require that controls be implemented for any land disturbances greater than or equal to one acre, or less than one acre if part of a large common plan of development or sale that would disturb one acre or more? If yes, note the page number and paragraph number where this is defined.

Yes  No  Page Number 10 - Code of Ordinances Paragraph Number 74-284 (b) and (c)

5. Does the ordinance or regulatory mechanism contain or reference technical standards for erosion and sediment control? If yes, note the page number and paragraph number where this is defined.

Yes  No  Page Number 11 through 12 - Code of Ordinances Paragraph Number 74-296 through 74-313

6. Do those technical standards meet or exceed the current effective Tennessee Construction General Permit (TNR100000) requirements for design storm and special conditions for waterbodies with unavailable parameters or Exceptional Tennessee Waters?

Yes  No

7. Do those technical standards require that construction activities maintain temporary water quality riparian buffers during construction?

Yes  No

8. Does the municipality presently have in place a technical review process (i.e. engineering department, planning department, zoning board) that evaluates new development and redevelopment construction for construction site runoff?

Yes  No

9. Does the technical review process require an erosion prevention and sediment control plan with appropriate BMPs?

Yes  No

10. Does the review process include a requirement for pre-construction meeting between the municipality and site developer, for priority construction sites?

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Yes  No

11. If there is a review process, provide a brief narrative or a flow chart of the process, describing the process steps, responsible personnel, and criteria used for evaluation of information or plans that are submitted: Erosion prevention and sediment control plans are reviewed when site plans for new development are submitted to the Department of Community Development. Staff within the Department of Public Works reviews all SWPPPs and staff within the Department of Community Development reviews all small lot erosion control plans. Once all comments on the site plan, including all erosion prevention and sediment control plans, are resolved by the developer, the site plan is approved. Prior to the issuance of permits, pre-construction meetings are held between the City and the developer and contractor for all projects. The City uses the Construction General Permit, a detailed SWPPP checklist, and the Tennessee Erosion and Sediment Control Handbook to review the SWPPPs.

12. Does the municipality presently have procedures in place for receipt and consideration of information and complaints submitted by the public?

Yes  No

If yes, provide a brief narrative of the receipt process and procedures, describing process steps, responsible departments, personnel (by title). Information and complaints regarding erosion and sediment control issues are handled by staff in the Department of Community Development (Codes) and the Department of Public Works (Engineering Division). The appropriate staff member will respond to the complaint as appropriate. On-site investigation is the typically response to determine complaint validity and any required corrective actions. Investigations are documented in accordance with SOPs.

13. Does the municipality presently have personnel and procedures in place for construction site runoff inspection?

Yes  No

14. Does the program provide for pre-construction meeting and monthly inspection of priority construction activities?

Yes  No

15. Does the municipality presently have procedures and personnel in place for enforcement to the maximum extend for violations of construction site requirements?

Yes  No

16. Does the municipality use a Stop Work or similar order to enforce compliance with construction site policies and requirements?

Yes  No

17. How are enforcement actions documented? The City has a standard operating procedure (SOP) for enforcement actions, including complaints reported by the general public. Included in the SOP is the use of an Erosion and Sediment Control Inspection Form and once the inspection is completed, City staff contacts the contractor and developer to report the findings and require corrective action as needed. Staff documents the enforcement through the QLP Enforcement Tracking spreadsheet. The spreadsheet includes the notice of violation (NOV) date, the owner/operator/violator, location of the violation, description of the violation, the corrective action date, compliance status, and the date resolved. Written NOV's are issued if a violation is found and included in the ERP is a list of other escalated enforcement actions that the City will use if the violation is not corrected. NOV's include the violation and required corrective action(s), NOV's are resolved upon implementation of the corrective action(s).

18. Have MS4 inspectors who conduct inspections of construction sites received certification under the Tennessee Fundamentals of Erosion Prevention and Sediment Control, Level 1, and construction site plan reviewers a certificate of completion from the Tennessee Erosion Prevention and Sediment Control Design Course, Level 2?

Yes  No

B. Proposed Activities:

**Phase II Stormwater Permit Notice of Intent (NOI)  
Phase II Municipal Separate Storm Sewer Systems (MS4)**

1. List the BMPs that you will implement in the area of Construction Site Runoff Program. These should be based on a set of priorities that you have identified in the area of Construction Site Runoff Program. Provide a short descriptive name to the BMP in the left column and more description in the right column.

PROPOSED BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITE RUNOFF PROGRAM		
BMP	Name	DESCRIPTION
3A.	Continue the current QLP Program	The City will continue to implement the QLP program, which includes all items listed in the MS4 Permit. The program will be assessed annually and if changes to the program are needed, the changes will be documented in the Annual Report.
3B.	Enforcement Response Plan	The Enforcement Response Plan (ERP) is implemented, will be assessed annually, and if changes to the program are needed, the changes will be documented in the Annual Report.
3C.		
3D.		

If you have additional BMPs to list, include in a separate attachment.

2. Describe specific groups that will be targeted, if applicable: Construction site owners and operators, City construction site inspectors, and City construction site plan reviewers.

**C. Measurable Goals and Implementation Milestones**

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

**D. Administrative Information**

ADMINISTRATIVE INFORMATION FOR CONSTRUCTION SITE RUNOFF PROGRAM	
PRIMARY CONTACT	POSITION OR TITLE
Jacob S. Chandler	City Engineer

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
Department of Community Development	The Department of Community Development facilitates and oversees the development review process and handles the implementation of the small lot requirements contained within the City's ordinance. The Department is also involved in enforcement actions.

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
None	

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
None	

**Phase II Stormwater Permit Notice of Intent (NOI)  
Phase II Municipal Separate Storm Sewer Systems (MS4)**

**SECTION 4 - PERMANENT STORMWATER MANAGEMENT AT NEW DEVELOPMENT AND REDEVELOPMENT**

**A. Current Activities:**

The following is a set of questions on your current Permanent Stormwater Management in New Development and Redevelopment Program. These questions are intended to highlight minimum program requirements under the MS4 permit. For MS4s who have not been previously covered under an MS4 permit, each element not currently performed must be implemented by the dates identified in Sub-part 4.1.1 of the permit. Thus, each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

1. Does the municipality currently have in place mechanisms or strategies to address permanent stormwater runoff management from new development or redevelopment projects that result in land disturbance of one acre or more? For example, land use planning requirements, zoning directives, site-based pollutant removal controls; stormwater detention or storage; practices that infiltrate stormwater; vegetative practices.

Yes  No

If yes, provide a brief narrative of - and/or references to - the structural and non-structural strategies, describing strategies implemented, Best Management Practices allowed, technical guidance, responsible departments, and personnel (by title): The City addresses permanent stormwater runoff management from new development or redevelopment projects that result in a land disturbance of one acre or more through an ordinance that requires implementation of water quality SCMs on each site. Each site is required to capture and treat a define volume of water (called the water quality volume or WQv) to an 80% TSS removal standard. A Water Quality BMP Manual has been developed and implemented to support the requirements of the ordinance by defining the WQv and 80% TSS removal standard, providing detailed design requirements and calculations guidance, and providing detailed inspection and maintenance guidance/checklists for the SCM owner. The 80% TSS removal standard is a presumptive standard, in that compliance with the standard is presumed to be achieved if the SCM is designed, constructed, and maintained in accordance with the requirements and guidance of the ordinance and manual. The City provides compliance oversight of the 80% TSS removal standard at various key stages in the life of the SCM. Design compliance reviews are performed through City review and approval of stormwater SCM design plans; construction compliance reewviews are performed through City inspection of stormwater (post-construction) SCMs on construction sites and through City approval of record drawings (i.e. as-built drawings) that are developed after construction is completed; and through maintenance assessment of SCMs performed by City staff. The City's ordinance includes the authority to require SCM maintenance.

2. Do you currently have an ordinance or regulatory mechanism that addresses permanent stormwater runoff management from new development and redevelopment projects? If yes, reference the page number and paragraph number. If no, proceed to the next section on permanent stormwater management plans review.

Yes  No  Page Number 27 through 34 - Code of Ordinances Paragraph Number Chapter 74 Article VII.

3. Does the ordinance or regulatory mechanism require controls to treat pollutants in stormwater runoff? If yes, note page number and paragraph number.

Yes  No  Page Number 29 - Code of Ordinances Paragraph Number 74-411.(a)

4. Does the ordinance or regulatory mechanism require (explicitly or implicitly) that controls be implemented for any new development or redevelopment projects greater than or equal to one acre, including projects less than one acre that are part of a large common plan of development or sale, that discharge into your small MS4? If yes, note page number and paragraph number.

Yes  No  Page Number 29 - Code of Ordinances Paragraph Number 74-411.(a) and 74-412.(a)

5. Does the ordinance or regulatory mechanism contain or reference technical standards for water quality controls? If yes, note page number and paragraph number.

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Yes  No

Page Number 30 -  
Code of Ordinances

Paragraph Number 74-413.(a)

6. Does the ordinance or regulatory mechanism clearly define the criteria for submittal -who must submit - of permanent stormwater management design information or plans? If yes, note page number and paragraph number.

Yes  No

Page Number 29 -  
Code of Ordinances

Paragraph Number 74-411.(a) and  
74-412.(a)

7. Does the ordinance or regulatory mechanism require approval prior to construction of permanent stormwater management controls? If yes, note page number and paragraph number.

Yes  No

Page Number 29 -  
Code of Ordinances

Paragraph Number 74-411.(a)

8. Does the ordinance or regulatory mechanism require re-submittal of permanent stormwater management design information or plans if site plans change after the initial design has been approved? If yes, note page number and paragraph number.

Yes  No

Page Number 30 -  
Code of Ordinances

Paragraph Number 74-414.(e)

9. Does the ordinance or regulatory mechanism give the MS4 owner/operator the authority to penalize the owner of permanent stormwater management controls for violations? If yes, note page number and paragraph number.

Yes  No

Page Number 33  
through 34 - Code of  
Ordinances

Paragraph Number 74-434 and 74-  
435

10. Does the ordinance or regulatory mechanism require that permanent stormwater management controls have adequate and long-term operation and maintenance? If yes, note page number and paragraph number. If no, describe how the MS4 owner/operator maintains permanent stormwater management controls: \_\_\_\_\_

Yes  No

Page Number 32 -  
Code of Ordinances

Paragraph Number 74-431

11. Does the ordinance or regulatory mechanism require establishment and maintenance of water quality riparian buffers in areas of new development and redevelopment?

Yes  No

12. Does the municipality presently have in place a technical review process (i.e. engineering department, planning department, zoning board) that evaluates new development and redevelopment with regard to the impact that permanent stormwater runoff will have on receiving streams?

Yes  No

If Yes, provide a brief narrative or a flow chart of the review process, describing the process steps, responsible personnel (by department, title and contact person), and criteria used for evaluation of information or plans that are submitted: All site plans are submitted to the Department of Community Development, which distributes copies to all relevant City departments. The Department of Public Works reviews stormwater aspects of the plans for conformance with City requirements. The Department of Public Works then comments on the site plan and returns the comments to the Department of Community Development. The Department of Community Development handles discussions/issues resolution with the developer and the design professional. The Department of Public Works reviews revisions of the site plan as often as needed until the plan is acceptable. The Department of Community Development will approve the plan once all comments are resolved.

B. Proposed Activities:



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Phase II Municipal Separate Storm Sewer Systems (MS4)**

List the BMPs that you will implement in the area of the Permanent Stormwater Management Plans Review. These should be based on a set of priorities that you have identified in the area of the Permanent Stormwater Management Plans Review. Provide a short descriptive name to the BMP in the left column and more description in the right column.

PROPOSED BEST MANAGEMENT PRACTICES FOR PERMANENT STORMWATER PLANS REVIEW		
BMP	Name	DESCRIPTION
4A.	Continue permanent stormwater management program	The City will continue to operate the current post-construction management program and make program changes per BMPs 4B through 4F.
4B.	Implementation Plan	The City will submit an implementation plan within 90-days of January 1, 2018 (or later date if notified by TDEC)
4C.	Ordinance Revisions	The City will revise ordinances as necessary to address permanent stormwater management requirements.
4D.	Plans Review, Approval & Enforcement Procedures	The City will revise plan review, approval, and enforcement procedures as necessary to support and implement the permanent stormwater management ordinance.

If you have additional BMPs to list, include in a separate attachment.

Describe the specific groups that will be targeted, if applicable? Developers, designers, contractors, and SCM owners.

**C. Measurable Goals and Implementation Milestones:**

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

**D. Administrative Information:**

ADMINISTRATIVE INFORMATION FOR PERMANENT STORMWATER MANAGEMENT PLANS REVIEW	
PRIMARY CONTACT	POSITION OR TITLE
Jacob S. Chandler	City Engineer

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
Community Development	The Department of Community Development is responsible for the development review process and assisting in enforcement action if escalation is warranted.

Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
None	

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
None	

**Phase II Stormwater Permit Notice of Intent (NOI)  
Phase II Municipal Separate Storm Sewer Systems (MS4)**

**SECTION 5 - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS**

**A. Current Activities:**

The following is a set of questions on your current Pollution Prevention/Good Housekeeping for Municipal Operations Program. These questions are intended to highlight minimum program requirements under the MS4 permit. Each question with a "No" answer must be addressed with a solution in the MS4's proposed program.

1. Does the municipality's current Pollution Prevention/Good Housekeeping program provide annual training for employees responsible for municipal operations at facilities within the jurisdiction of the permittee that handle, generate and/or store materials which constitute a potential pollutant of concern for MS4s? Examples of these materials may include, but are not limited to, lubricants, fuels, sand, gravel, soil, salt, pesticide, fertilizer, garbage, trash, clippings, vehicles, equipment, and other wastes.

Yes  No

2. Are training activities documented? If yes, describe training and method of record-keeping: Annual staff training is provided for pertinent staff and covers illicit discharge detection and elimination, pollution prevention and good housekeeping, and erosion and sediment control. The training is documented through a sign-in sheet.

Yes  No

3. Has the MS4 owner/operator obtained a Tennessee Multi-Sector General Permit or a no-exposure certification for all qualifying municipal industrial activities? If yes, give permit numbers or attach copies of the No-Exposure Certification form.

Yes  No  Permit Numbers(s) TNR05 6416 (Bristol Municipal Garage Facility ) TNR05 6415 (Cities of Bristol Tennessee/Virginia Sewage Treatment Plant #2) \_\_\_\_\_

4. List municipal operations or facilities that have a potential for contaminating stormwater runoff such as the following: streets, roads, highways, municipal parking lots, maintenance and storage yards, fleet or maintenance shops with outdoor storage areas, salt/sand storage locations, snow disposal areas operated by the MS4, and waste disposal, storage, and transfer stations. If there is more than one facility for a given type of operation; give the number of such facilities. Indicate if an operation and maintenance plan, which includes maintenance activities, schedules and the proper disposal of waste from related structural and non-structural stormwater controls, has been implemented for each facility or operation.

FACILITY OR TYPE OF OPERATION	NUMBER OF FACILITIES	OPERATION AND MAINTENANCE PLAN IMPLEMENTED?
Demolition Landfill	1	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Municipal Waste Water Treatment Plant	1	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Municipal Garage Facility	1	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Municipal Owned 9-Hole Golf Course (18 Little Lane	1	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Auxiliary Salt Shed (1120 Vance Drive)	1	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>

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		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>
		Yes <input type="checkbox"/> No <input type="checkbox"/>

**B. Proposed Activities:**

List the BMPs that you will implement in the area of the Pollution Prevention and Good Housekeeping Program. These should be based on a set of priorities that you have identified in the area of the Pollution Prevention and Good Housekeeping Program. Provide a short descriptive name to the BMP in the left column and more description in the right column.

In addition to considering industrial-type operations, you must also consider municipal infrastructure, and related maintenance activities, maintenance schedules and long-term inspection procedures for structural controls and the proper disposal of waste from storm sewers/catch basins.

PROPOSED BEST MANAGEMENT PRACTICES FOR POLLUTION PREVENTION AND HOUSEKEEPING		
BMP	Name	DESCRIPTION
5A.	Continue Pollution Prevention and Good Housekeeping	The City will continue to implement its pollution prevention and good housekeeping program as required/defined by the MS4 Permit. The City will conduct a review of its facilities and activities to assess the effectiveness of current good housekeeping program and proximity to impaired waters. For gaps discovered during the review, the City will implement necessary procedures and structures to prevent stormwater pollution. Changes to the program will be made throughout the permit period as required by the MS4 Permit.
5B.	New Facilities	The City will ensure that new facilities and projects for which the City is the owner comply with City construction and permanent stormwater control ordinances.
5C.	Flood Control Projects	The City does not have any planned flood control structures or facilities and thus cannot assess water quality impacts of flood control projects. One Army Corps of Engineers flood control project for Bristol, TN and Bristol, VA is currently under construction and water quality impacts are assumed to be analyzed by the Army Corps of Engineers for this project.
5D.		

If you have additional BMPs to list, include in a separate attachment.

Provide specific groups that will be targeted, if applicable: City staff.

**C. Measurable Goals and Implementation Milestones:**

Attached at the end of this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

**D. Administrative Information:**

ADMINISTRATIVE INFORMATION FOR POLLUTION PREVENTION AND HOUSEKEEPING	
PRIMARY CONTACT	POSITION OR TITLE
Jacob S. Chandler	City Engineer

Identify other Department(s) that will be involved and their role.

OTHER DEPARTMENT(S)	ROLE
Parks & Recreation	Staff will be responsible for implementing SWPPPs and good housekeeping in their respective facilities and activities. Staff will participate in good housekeeping training.

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Identify if you will partner with another MS4 Operator, or with another institution (e.g. Chamber of Commerce, Environmental interest organizations, civic groups) in order to carry out the chosen BMPs.

ENTITY	BMP
None	

Will another governmental entity be responsible for implementing one or more chosen BMPs? If so, identify the entity and which BMP(s) it will implement. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.

ENTITY	BMP
None	

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**ADDENDUM TO SMALL MS4 NPDES PERMIT NOI - BMPs MEASURABLE GOALS AND MILESTONES**

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures. If necessary, attach additional BMP MEASURABLE GOALS AND MILESTONES as a separate attachment.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP. The BMPs you list here should match exactly those given in Part V., 1-5 of this NOI. For purposes of this NOI, the Public Education and Outreach and Public Involvement/Participation minimum measures have been combined.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year.

<b>BEST MANAGEMENT PRACTICES FOR PUBLIC EDUCATION AND PUBLIC PARTICIPATION</b>	
<b>BMP 1A</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue Public Outreach and Education Program
Milestone Year 1	Continue program as described in BMP1A
Milestone Year 2	Implement SCM Inspection and Maintenance Guide that is under preparation
Milestone Year 3	Continue program as described in BMP1A
Milestone Year 4	Continue program as described in BMP1A
Milestone Year 5	Continue program as described in BMP1A

<b>BMP 1B</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue to update the stormwater website
Milestone Year 1	Continue program as described in BMP1B
Milestone Year 2	Continue program as described in BMP1B
Milestone Year 3	Continue program as described in BMP1B
Milestone Year 4	Continue program as described in BMP1B
Milestone Year 5	Continue program as described in BMP1B

<b>BMP 1C</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue Public Involvement/Participation
Milestone Year 1	Continue program as described in BMP1C
Milestone Year 2	Continue program as described in BMP1C
Milestone Year 3	Continue program as described in BMP1C
Milestone Year 4	Continue program as described in BMP1C
Milestone Year 5	Continue program as described in BMP1C

<b>BMP 1D</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	

<b>BEST MANAGEMENT PRACTICES FOR ILLICIT DISCHARGE DETECTION AND ELIMINATION</b>	
<b>BMP 2A</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Detect and take steps to eliminate illicit discharges located within the MS4 by continuing the City's IDDE program
Milestone Year 1	The City will continue to implement the IDDE program
Milestone Year 2	The City will continue to implement the IDDE program
Milestone Year 3	The City will continue to implement the IDDE program
Milestone Year 4	The City will continue to implement the IDDE program

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Milestone Year 5	The City will continue to implement the IDDE program
<b>BMP 2B</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Maintain the City stormwater system map in accordance with the MS4 Permit
Milestone Year 1	Continue to update the stormwater system map
Milestone Year 2	Continue to update the stormwater system map
Milestone Year 3	Continue to update the stormwater system map
Milestone Year 4	Continue to update the stormwater system map
Milestone Year 5	Continue to update the stormwater system map

<b>BMP 2C</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Perform dry weather screening for all outfalls such that all City outfalls are screened at least once during the permit cycle. Investigate and take steps to eliminate non-stormwater discharges found during screening.
Milestone Year 1	Screen a portion of City outfalls
Milestone Year 2	Screen a portion of City outfalls
Milestone Year 3	Screen a portion of City outfalls
Milestone Year 4	Screen a portion of City outfalls
Milestone Year 5	Screen a portion of City outfalls

<b>BMP 2D</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue to implement the ERP
Milestone Year 1	Implement ERP
Milestone Year 2	Implement ERP
Milestone Year 3	Implement ERP
Milestone Year 4	Implement ERP
Milestone Year 5	Implement ERP

**BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITE RUNOFF PROGRAM**

<b>BMP 3A</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue to implement the QLP
Milestone Year 1	Continue QLP
Milestone Year 2	Continue QLP
Milestone Year 3	Continue QLP
Milestone Year 4	Continue QLP
Milestone Year 5	Continue QLP

<b>BMP 3B</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue to implement the ERP
Milestone Year 1	Implement ERP
Milestone Year 2	Implement ERP
Milestone Year 3	Implement ERP
Milestone Year 4	Implement ERP
Milestone Year 5	Implement ERP

<b>BMP 3C</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	

<b>BMP 3D</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	
Milestone Year 1	
Milestone Year 2	

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Milestone Year 3	
Milestone Year 4	
Milestone Year 5	

**BEST MANAGEMENT PRACTICES FOR PERMANENT (POST-CONSTRUCTION) STORMWATER MANAGEMENT PROGRAM**

<b>BMP 4A</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue to operate the current stormwater management program under the City's post-construction water quality ordinance until such time as the program is modified by implementation of BMPs 4B through 4F below. The current ordinance was adopted on March 4, 2008. In 2016, the City accepted the extensions to the permanent stormwater provisions of the 2010 NPDES small MS4 permit and therefore did not modify the ordinance or the program. Note that the performance standard of the City's current program is 80% TSS removal of the WQv generated by the 85 <sup>th</sup> percentile storm event.
Milestone Year 1	Continue to implement the current ordinance
Milestone Year 2	Continue to implement the current ordinance
Milestone Year 3	Continue to implement the current ordinance and begin to include modifications in accordance with permanent stormwater requirements and the actions and milestones defined in the implementation plan
Milestone Year 4	Continue to implement the current ordinance and begin to include modifications in accordance with permanent stormwater requirements and the actions and milestones defined in the implementation plan
Milestone Year 5	Continue to implement the current ordinance and begin to include modifications in accordance with permanent stormwater requirements and the actions and milestones defined in the implementation plan

<b>BMP 4B</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Develop and submit an implementation plan for permanent stormwater management program, including buffers.
Milestone Year 1	No action in Year 1
Milestone Year 2	Complete and submit the implementation plan (within 90-days of January 1, 2018 or at a later date if this deadline is extended further).
Milestone Year 3	No action in Year 5 (unless program deadlines are extended further)
Milestone Year 4	No action in Year 5 (unless program deadlines are extended further)
Milestone Year 5	No action in Year 5 (unless program deadlines are extended further)

<b>BMP 4C</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Revise ordinance as necessary to address permanent stormwater management requirements and in keeping with the milestones provided in the implementation plan (unless program deadlines are extended further)
Milestone Year 1	No action in Year 1
Milestone Year 2	No action in Year 2
Milestone Year 3	Execute ordinance related actions and milestones in accordance with the implementation plan
Milestone Year 4	Execute ordinance related actions and milestones in accordance with the implementation plan
Milestone Year 5	Enforce permanent stormwater management ordinance

<b>BMP 4D</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Revise plan review, approval, and enforcement procedures as necessary to support and implement the permanent stormwater management ordinance in keeping with the milestones provided in the implementation plan (unless program deadlines are extended further)
Milestone Year 1	No action in Year 1
Milestone Year 2	No action in Year 2
Milestone Year 3	Execute plan review, approval, and enforcement related actions and milestones in accordance with the implementation plan

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Milestone Year 4	Execute plan review, approval, and enforcement related actions and milestones in accordance with the implementation plan
Milestone Year 5	Implement the plan review, approval, and enforcement requirements, policies, and procedures to support the permanent management ordinance

**BEST MANAGEMENT PRACTICES FOR MUNICIPAL POLLUTION PREVENTION AND GOOD HOUSEKEEPING**

<b>BMP 5A</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue Pollution Prevention and Good Housekeeping
Milestone Year 1	Review the City facilities and activities to assess the effectiveness of the current good housekeeping program. The program will be revised if necessary to address any issues identified in the assessment.
Milestone Year 2	Continue pollution prevention and good housekeeping
Milestone Year 3	Continue pollution prevention and good housekeeping
Milestone Year 4	Continue pollution prevention and good housekeeping
Milestone Year 5	Continue pollution prevention and good housekeeping

<b>BMP 5B</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	Continue to ensure that new facilities and projects for which the City is the owner comply with construction and permanent stormwater control ordinances
Milestone Year 1	Continue ensuring compliance with ordinances
Milestone Year 2	Continue ensuring compliance with ordinances
Milestone Year 3	Continue ensuring compliance with ordinances
Milestone Year 4	Continue ensuring compliance with ordinances
Milestone Year 5	Continue ensuring compliance with ordinances

<b>BMP 5C</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	For any new proposed flood control project, calculate water quality impacts as compared to the requirements of the permanent stormwater control ordinance
Milestone Year 1	Continue as applicable
Milestone Year 2	Continue as applicable
Milestone Year 3	Continue as applicable
Milestone Year 4	Continue as applicable
Milestone Year 5	Continue as applicable

<b>BMP 5D</b>	<b>MEASURABLE GOALS AND MILESTONES</b>
Goal(s)	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	