



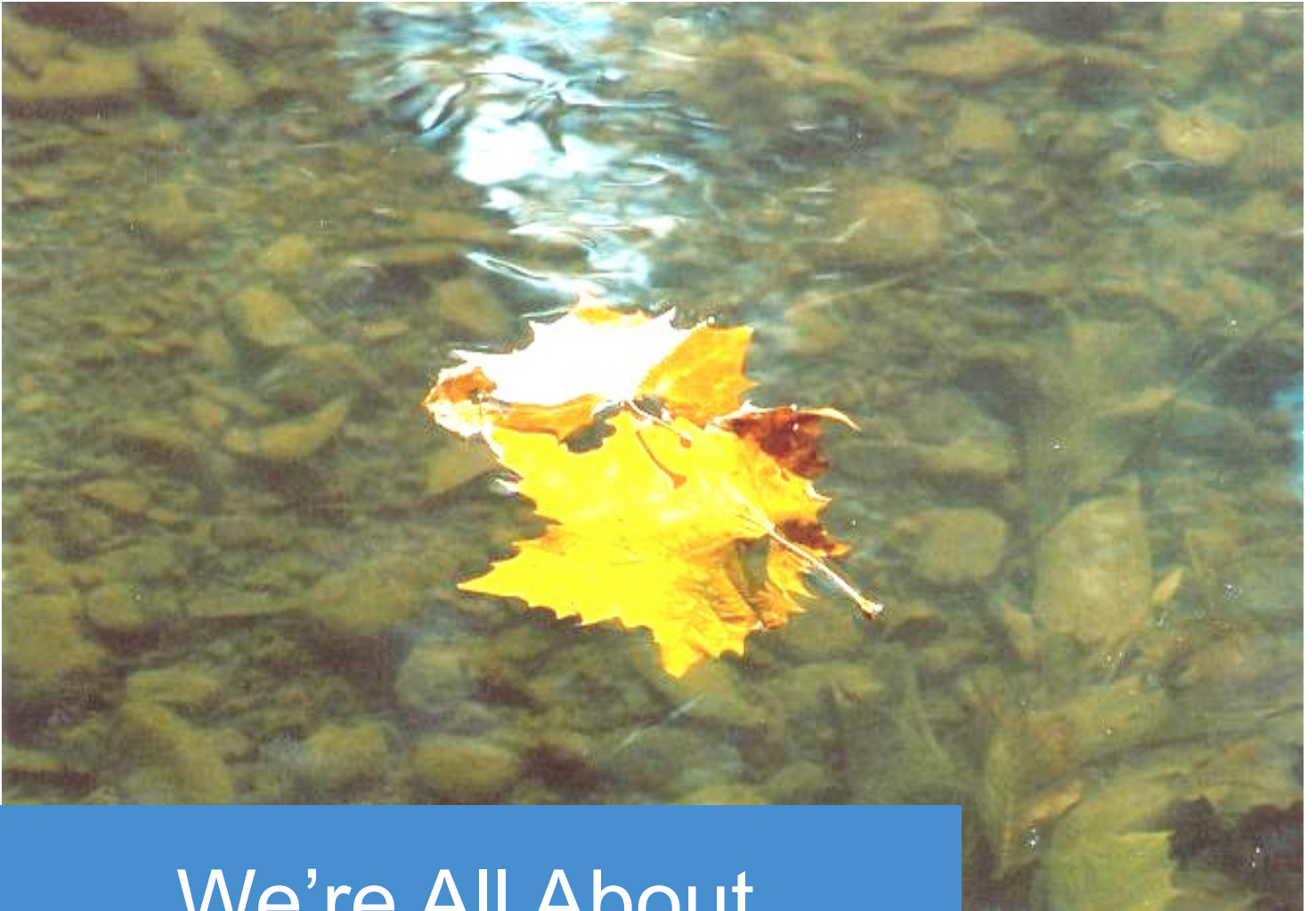
STORMWATER DIVISION

City of Kingsport, Tennessee

August 23, 2023

**RE: City of Kingsport 2023 MS4 Annual Report
For Public Review**

The public is invited to submit questions and comments regarding the City of Kingsport's 2023 MS4 Annual Report. This report is a yearly requirement of the City's MS4 permit issued by the Tennessee Department of Environment and Conservation. Please submit any questions or comments to Amanda McMullen at AmandaMcMullen@kingsporttn.gov.



We're All About **CLEAN** Water



2023 MS4 Annual Report **STORMWATER MANAGEMENT**

Solutions. Accomplishments. **CLEAN** Water

City of Kingsport Stormwater Utility

HISTORY In November 2011, the Stormwater Management Utility was established, as required by The Federal Clean Water Act for cities with more than 10,000 residents, to implement a stormwater program to control and monitor polluted stormwater runoff.

PURPOSE To address stormwater pollution and flooding issues, allowing the City to reduce runoff contaminants, while prioritizing and initiating flood mitigation projects.

The utility is responsible for the operation, construction, maintenance, and rehabilitation of stormwater facilities; for stormwater system planning, property acquisition related to stormwater management, and for review of stormwater development plans for compliance with federal and state regulations, stormwater management ordinances, policies, procedures and manuals.

GOALS Comprehensively examine flooding and stormwater issues in the community;

As a Tennessee Department of Environment and Conservation qualified local program, allow the development community greater flexibility and timeliness in determining how best to meet federal mandates;

Adequately fund stormwater management needs at the lowest possible cost by proactive action;

Reduce flooding;

Improve stream habitat, conditions and water quality. Work toward de-listing of impaired streams within the City limits.



ACTIVITIES / ACCOMPLISHMENTS

In accordance with the City's MS4 NPDES permit, the Stormwater Division must file this report with the Tennessee Department of Environment and Conservation (TDEC) to document the activities completed in the past fiscal year. The activities noted are within the required program areas of the MS4 permit. The City's permit compliance activities are subject to periodic audits by TDEC.

Many activities have been completed that go beyond the requirements of the NPDES permit. This report provides opportunity for activity updates:

- In September 2022 the Stormwater Division held its 5th annual Storm Drain Art Contest. Five storm drains were enhanced with public art, done by local amateur artists, with the purpose being environmental education. The City was awarded the 2022 *Public Outreach Award by the Clean Water Professionals of Kentucky & Tennessee* for this event.

ACTIVITIES / ACCOMPLISHMENTS (continued)

- In April 2023 the Stormwater Division constructed and distributed 50 rain barrels to local residents, with all proceeds going to Keep Kingsport Beautiful. When used, these will catch stormwater runoff and utilize it for lawns and gardens.
- In January 2023 the Stormwater Division distributed stormwater activity booklets to 4th graders within Kingsport City Schools.
- In April 2023 the Stormwater Division gave away 50 tree seedling bundles to local residents. As these seedlings grow, they will reduce stormwater runoff from residents' yards.
- In October 2022, the Stormwater Division, along with Appalachian Paddling Enthusiasts (APES), hosted a Kayak clean-up of Reedy Creek. Volunteers collected litter and dumped items from in and around the Creek and Public Works picked up the trash for disposal.
- In May 2023, Stormy the raindrop appeared at Publics Work Day, and along with a Stormwater staff member, helped distribute educational materials to attendees.
- In July 2022, Stormy the raindrop visited the Summer Program at Adams Elementary. A Stormwater staff member gave a short talk to children about Stormwater issues.
- In September 2022, a Stormwater staff member was a presenter at Keep Kingsport Beautiful's Conservation Camp. Pollution in a watershed was demonstrated through a hands-on model.
- In 2023 the Stormwater Division continued inspections of Stormwater Control Measures (SCMs), including all private storage basins and water quality units. These facility inspections were documented in the Cartegraph database.
- The City of Kingsport continues to encourage re-development and awards Water Quality credit for reduction of impervious surface.
- Barge Design Solutions, Inc. continues to inventory all remaining stormwater infrastructure into the GIS system. This includes a surveyed location and condition assessment.
- The 'ConnectKingsport' cell phone app continues to provide citizens with the ability for real time input of drainage issues and concerns. This app gives citizens a means to notify City staff of drainage problems such as clogged drains and pipes, illicit discharges, and construction site issues.
- 'ConnectKingsport' requests, as well as any subsequent repair work by City staff, is documented within the Cartegraph asset management system. Cartegraph data allow City leaders to optimize decision making processes and increase level of service to citizens.
- Continuing inspections of certain 'hot spots' before and after significant storm events are managed via the Cartegraph asset management system. Crews are dispatched to inspect and clean obstructions from culverts and catch basins that are known to trap debris.
- Kingsport staff members currently hold Regional Chair and Board Member leadership positions with the Tennessee Stormwater Association (TNSA). A member of the Stormwater Division attends the TNSA annual conference.
- A Stormwater staff member currently attends monthly meetings of the Keep Kingsport Beautiful Council.

ACTIVITIES / ACCOMPLISHMENTS (continued)



← Reedy Creek Stream Clean-up 2022

See insights and ads [Boost post](#)

👍❤️ 53 4 comments 7 shares

👍 Like 💬 Comment ➦ Share

Stormy at Public Works Day 2023 →



See insights and ads [Boost post](#)

👍❤️ 10 4 shares


👍 Like 💬 Comment ➦ Share

ACTIVITIES / ACCOMPLISHMENTS (continued)

Kingsport Public Works
Published by Matthew Lane · October 24, 2022

Here are the winners of this year's Storm Drain Art contest. If you'd like to take a closer look and know who painted them, the storm drains are located at the following locations:

- Behind the Kingsport Civic Auditorium - Trista Demoranville
- W. Market Street & Clay Street - Desiree Feyers
- Old Gibson Mill Road & Cedar Street - Juanita Mitchell
- The Palmer Center - Rebecca Monroe
- Kingsport Chamber of Commerce - Brenda Salcido.



See insights and ads [Boost post](#)


45 3 comments 16 shares

← 5th Annual Storm Drain Art Contest 2022

Stormy visits Adams Elementary 2022 →

Kingsport Public Works is at Kingsport Parks and Recreation.
Published by Amanda Martin McMullen · July 14, 2022 · Kingsport

Thank you John Adams Elementary Summer Program for letting Stormy visit!



See insights and ads [Boost post](#)

3

Like Comment Share

ACTIVITIES / ACCOMPLISHMENTS (continued)



← Tree seedling giveaway 2023



Conservation Camp 2022 →



← Rain Barrel Sale 2023



NPDES MS4 Annual Report

version 1.3

(Submission #: HPW-KE6P-Y7016, version 1)

Details

Originally Started By AMANDA MCMULLEN

Submission ID HPW-KE6P-Y7016

MS4 Owner Name City of Kingsport

Status Draft

Form Input

General Information

Permit Number

TNS075388

MS4 Owner/Operator (e.g. City of ...)

City of Kingsport

County

Sullivan

Reporting Period

Per subpart 5.1

- a. The Annual Report shall cover the period beginning on July 1st and ending on June 30th;
 b. The Annual Report shall be due on September 30th after the end of the reporting period.

Reporting Period Start Date

07/01/2022

Reporting Period End Date

06/30/2023

MS4 Population At NOI Submittal

Population greater than or equal to 50,001

Name and contact information of MS4 Responsible Authority (e.g. Mayor ...)
Prefix
Hon.
First Name Last Name
Pat *Shull*
Title
Mayor
Company Name
City of Kingsport
Phone Type Number Extension

Business 423-229-9412

Email

PatShull@kingsporttn.gov

Address

415 Broad Street

Kingsport, TN 37660

Designated MS4 Stormwater Management Program Contact

Prefix

Mr.

First Name

Chad

Last Name

Austin

Title

Assistant Utility Director - Engineering/Operations Utility Services Division

Company Name

City of Kingsport

Phone Type

Business

Number

423-229-9454

Extension

Email

ChadAustin@KingsportTN.gov

Address

1113 Konnarock Road

Kingsport, TN 37664

MCM 1: Public Education

Below report on the educational activities completed during the reporting year. Delete unused rows (click X at end of row). Add rows (add row button on bottom of table) to report add activities.

Provide the number of activities completed during the reporting year for the Public (Subpart 4.2.1.1. of the permit).

7

Provide the number of activities completed during the reporting year for the Engineering and Development Community (Subpart 4.2.1.2. of the permit).

3

How many employees (that are new to the MS4 or new to the job category) have NOT been educated in accordance with the PIE plan within 6 months?

0

For existing employees: provide the total number of employees NOT educated in accordance with the PIE plan within the permit term.

0

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.1.1. the MS4 is required to conduct six (6) activities during the reporting year addressing each of the four (4) management measures for the public. A single activity may address multiple management measures.

You may need to use the scroll bars to view the whole table.

To Add a Row - Click Add Row near the bottom right of the table

To Delete a Row - Click the "X" at the far right end of the row.

Column Descriptions

Target Audience (This column is fixed and cannot be changed.)

Activity Description: (Provide details as to the specific activity that was conducted.)

Management Measure: Impacts on Water Quality (Select Yes if the activity listed in this row addressed the 4.2.1.1.a.General awareness of the impacts on water quality.)

Management Measure: SCM/BMP Maintenance (Select Yes if the activity listed in this row addressed the 4.2.1.1.b. Awareness of the importance of maintenance activities for operators of permanent Best Management Practices (BMPs)/Stormwater Control Measures (SCMs).)

Management Measure: Storage, Use, Disposal of Fluids (Select Yes if the activity listed in this row addressed the 4.2.1.1.c. Awareness of the proper storage, use, and disposal of pesticides, herbicides, fertilizers oil and other automotive-related fluids.)

Management Measure: Illicit Discharges (Select Yes if the activity listed in this row addressed the 4.2.1.1.d. Awareness of identifying and reporting procedures for illicit connections/discharges, sanitary sewer seepage, spills, etc.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. school age children, Homeowners with SCMs) A broad based event such as tabling at a festival may list general public as the specifically targeted audience.

of Audience (Enter the approximate number of individuals that were reached with this activity.)

Sponsored Activities (Identify if the event sponsored monetarily e.g. money or as a donation in kind e.g. goods or services by the MS4 program. If it was not a sponsored activity, leave N/A in the cell.)

Provide the status of your MS4 program's public education and outreach activities for the Public audience during the reporting period.

| Target Audience | Activity Description | Management Measure: Impacts on Water Quality | Management Measure: SCM/BMP Maintenance | Management Measure: Storage, Use, Disposal of Fluids | Management Measure: Illicit Discharges | Date of Activity | Specifically Targeted Audience | # of Audience | Spor Acti |
|-----------------|---|--|---|--|--|------------------|---------------------------------|---------------|-----------|
| Public | TNSA social media campaign | Yes | Yes | Yes | Yes | 7/1/2022 | Facebook | 44910 | Mon |
| Public | Kingsport Public Works Facebook page | Yes | No | No | Yes | 7/1/2022 | Kingsport residents on Facebook | 4505 | N/A |
| Public | Storm Drain Art | Yes | No | No | No | 9/1/2022 | residents | 2239 | N/A |
| Public | Stormy school visit | Yes | No | No | Yes | 7/14/2022 | local children | 27 | N/A |
| Public | Stormwater Activity booklets | Yes | No | No | No | 1/26/2023 | local 4th graders | 555 | N/A |
| Public | City Website | Yes | No | Yes | Yes | 7/1/2022 | residents | 1400 | N/A |
| Public | Brochure distribution at Public Works Day | Yes | No | No | Yes | 5/25/2023 | local families | 400 | N/A |

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.1.2. the MS4 is required to conduct two (2) activities during the reporting year addressing each of the two (2) management measures for the Engineering and Development Community. A single activity may address multiple management measures.

You may need to use the scroll bars to view the whole table.

To Add a Row - Click Add Row near the bottom right of the table

To Delete a Row - Click the "X" at the far right end of the row.

Column Descriptions

Target Audience (This column is fixed and cannot be changed.)

Activity Description: (Provide details as to the specific activity that was conducted.)

Management Measure: Long Term Water Quality Impacts (Select Yes if the activity listed in this row addressed the 4.2.1.2.a Awareness of the stormwater ordinances, regulations, and guidance materials related to long-term water quality impacts.)

Management Measure: Construction Water Quality Impacts (Select Yes if the activity listed in this row addressed the 4.2.1.2.b. Awareness of stormwater ordinances, regulations, and guidance materials related to construction phase water quality impacts.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. restaurants, Engineers, Developers) A broad based event such as tabling at a local trade show may list commercial and development community as the specifically targeted audience.

of Audience (Enter the approximate number of individuals that were reached with this activity.)

Provide the status of your MS4 program's public education and outreach activities for the Engineering and Development Community during the reporting period.

| Target Audience | Activity Description | Management Measure: Long Term Water Quality Impacts | Management Measure: Construction Water Quality Impacts | Date of Activity | Specifically Targeted Audience | # of Audience |
|---------------------------------------|-----------------------------|---|--|------------------|--------------------------------|---------------|
| Engineering and Development Community | Preconstruction Meetings | Yes | Yes | 7/21/2022 | contractors and developers | 64 |
| Engineering and Development Community | Fats, Oils & Grease Program | Yes | No | 7/1/2022 | restaurants and food service | 182 |
| Engineering and Development Community | City Website | Yes | Yes | 7/1/2022 | engineers and developers | 1400 |

Supporting Documentation for Activities described in this section.

NONE PROVIDED

Comment

NONE PROVIDED

Notes:

NONE PROVIDED

MCM 2: Public Involvement And Participation

Below report on the involvement/participation activities completed during the reporting year. Delete unused rows (click X at end of row). Add rows (add row button on bottom of table) to report add activities.

Is your Stormwater Management Program Plan documentation available online?

Yes

Provide the web address for the Stormwater Management Program plan documentation

<https://www.kingsporttn.gov/wp-content/uploads/SWMP.pdf>

Was the MS4 program documentation formally placed on public notice during the reporting year?

No

Subpart 4.2.2. requires the following in the annual report
Detail applicable changes as directed in subpart 4.4.1
This requirement will be located in the Program Modifications Section

Is information for all construction site projects accessible to the public?

Yes

Number of comments received from the public on construction site projects.

8

Are all comments from the public on construction site projects considered?

Yes

Number of reports during the reporting period received from the public via public reporting system (IDDE reports)?

2

Provide the number of activities completed during the reporting year for the General Public (Subpart 4.2.2.1. of the permit).

7

Provide the number of activities completed during the reporting year for the Commercial and Development Community (Subpart 4.2.2.2. of the permit).

2

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.2.1. the MS4 is required to conduct six (6) activities during the reporting year addressing each of the four (4) management measures for the general public. A single activity may address multiple management measures.

You may need to use the scroll bars to view the whole table.

To Add a Row - Click Add Row near the bottom right of the table

To Delete a Row - Click the "X" at the far right end of the row.

Column Descriptions

Target Audience (This column is fixed and cannot be changed.)

Activity Description: (Provide details as to the specific activity that was conducted.)

Management Measure: Pollution Prevention (Select Yes if the activity listed in this row addressed the 4.2.2.1.a Pollution Prevention Management Measure.)

Management Measure: Impacts on Water Quality (Select Yes if the activity listed in this row addressed the 4.2.2.1.b. Impacts on water quality or local stormwater management issues.)

Management Measure: Storage, Use, Disposal of Fluids (Select Yes if the activity listed in this row addressed the 4.2.2.1.c. Storage, use, and disposal of household hazardous waste, automotive related fluids, pesticides, herbicides, and fertilizers use.)

Management Measure: Illicit Discharges (Select Yes if the activity listed in this row addressed the 4.2.2.1.d. Identifying and reporting procedures for illicit connections/discharges, sanitary sewer seepage, spills, etc.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. school age children, Homeowners with SCMs) A broad based event such as tabling at a festival may list general public as the specifically targeted audience.

of Audience (Enter the approximate number of individuals that were reached with this activity.)

Sponsored Activities (Identify if the event sponsored monetarily e.g. money or as a donation in kind e.g. goods or services by the MS4 program. If it was not a sponsored activity, leave N/A in the cell.)

Provide the status of your MS4 program’s public involvement/participation activities for the General Public audiences during the reporting period.

| Target Audience | Activity Description | Management Measure: Pollution Prevention | Management Measure: Impacts on Water Quality | Management Measure: Storage, Use, Disposal of Fluids | Management Measure: Illicit Discharges | Date of Activity | Specifically Targeted Audience | # of Audience |
|-----------------|--|--|--|--|--|------------------|--------------------------------|---------------|
| General Public | Stream Clean-up | Yes | Yes | No | Yes | 10/8/2022 | kayakers | 10 |
| General Public | Keep Kingsport Beautiful litter pickup | Yes | Yes | No | Yes | 3/19/2023 | volunteers | 28 |
| General Public | Keep Kingsport Beautiful conservation camp | Yes | Yes | Yes | No | 9/13/2022 | local 4th graders | 500 |
| General Public | Public Works Day | Yes | Yes | Yes | Yes | 5/25/2023 | local families | 400 |
| General Public | Storm Drain Art Contest | Yes | Yes | No | No | 9/5/2022 | local artists | 18 |
| General Public | Tree seedling giveaway | Yes | Yes | No | No | 4/10/2023 | residents | 50 |
| General Public | Rain Barrel sale | Yes | Yes | No | No | 4/17/2023 | residents | 50 |

A population of greater than or equal to 50,001 at NOI submittal was selected in the General Information Section. Per Subpart 4.2.2.2. the MS4 is required to conduct two (2) activities during the reporting year addressing each of the two (2) management measures for the Commercial and Development Community. A single activity may address multiple management measures.

You may need to use the scroll bars to view the whole table.

To Add a Row - Click Add Row near the bottom right of the table

To Delete a Row - Click the "X" at the far right end of the row.

Column Descriptions

Target Audience (This column is fixed and cannot be changed.)

Activity Description: (Provide details as to the specific activity that was conducted.)

Management Measure: Pollution Prevention (Select Yes if the activity listed in this row addressed the 4.2.2.2.a Pollution Prevention Management Measure.)

Management Measure: Impacts on Water Quality (Select Yes if the activity listed in this row addressed the 4.2.2.2.b. Impacts on water quality or local stormwater management issues.)

Date of Activity (Enter the date the activity took place. If the activity took place across multiple days enter the Date of the first day of the activity.)

Specifically Targeted Audience (This column is used to provide more details as to the audience the activity was targeting e.g. restaurants, Engineers, Developers) A broad based event such as tabling at a local trade show may list commercial and development community as the specifically targeted audience.

of Audience (Enter the approximate number of individuals that were reached with this activity.)

Provide the status of your MS4 program's public involvement/participation activities for the Commercial and Development Community during the reporting period.

| Target Audience | Activity Description | Management Measure: Pollution Prevention | Management Measure: Impacts on Water Quality | Date of Activity | Specifically Targeted Audience | # of Audience |
|--------------------------------------|-------------------------------|--|--|------------------|--------------------------------|---------------|
| Commercial and Development Community | Fats, Oils and Grease Program | Yes | Yes | 7/1/2022 | restaurant and food service | 110 |
| Commercial and Development Community | Pre-development Meetings | Yes | Yes | 7/7/2022 | development community | 48 |

Supporting Documentation for Activities described in this section.

NONE PROVIDED

Comment

NONE PROVIDED

Notes:

NONE PROVIDED

MCM 3: Illicit Discharge Detection & Elimination (IDDE)

Is the storm sewer map available through Spatial Rest Services?

Yes

Provide location for Spatial Rest Service for Map Layer(s)

<https://kingsporttn.maps.arcgis.com/apps/webappviewer/index.html?id=7339745aca56474a80b966b61912a033>

The number of potential illicit discharges reported by the public.

2

The number of potential illicit discharges reported by internal personnel.

1

Total number of potential Illicit discharges reported (from any source) that are under investigation at the time of the annual report.

0

Were all potential illicit discharges investigated within 7 days of receipt?

Yes

Number of identified illicit discharges

2

Were all initial enforcement actions on confirmed illicit discharges taken within seven (7) calendar days of the investigation?

Yes

Number of corrective actions plans received for confirmed illicit discharges.

2

Were all corrective actions plans reviewed in accordance with established procedures?

Yes

Number of non-stormwater discharges or flows identified as a significant contributor of pollutants to the MS4.

0

Total number of non-stormwater discharges or flows investigated.

0

Were all non-stormwater discharges or flows identified as a significant contributor of pollutants to the MS4 investigated?

Yes

MCM 4: Construction Site Stormwater Runoff Pollutant Control

For reporting construction activities in this section, count all activities e.g., projects, sites that were active during the reporting period. It is understood that activities will overlap multiple reporting years. For example: If a project plan is submitted and reviewed in reporting year 1, that plan review will go only on the report for that year. If that same project begins construction in reporting year 2, it would be included in the year 2 report for active construction activity, but not the year 1 report. If a construction activity is terminated in the beginning of a reporting year before the first inspection for that reporting year is required, that activity may be left off the count.

Identify if the regulatory mechanisms for construction site runoff control have been updated to be consistent with the CGP?
In Effect

Total number of active construction activities.
25

Total number of active non-priority construction activities with incomplete inventory information.
0

Number of new development and redevelopment projects reviewed in accordance with established policies and procedures.
47

Were all new development and redevelopment projects reviewed in accordance with the established policy and procedure?
Yes

Number of active non-priority construction activities.
25

Were all nonpriority active construction activities inspections conducted accordance with Stormwater Management Program.
Yes

Number of active priority construction activities.
1

Did all Priority Construction Activities have Pre-Construction meetings?
Yes

Were all priority Construction Activities inspected at least once per calendar month?
Yes

MCM 5: Post Construction/ Permanent Stormwater Management

Has an offsite mitigation program or payment in lieu into a public stormwater fund been developed as outlined in subpart 4.2.5.3.?
No

Did all of the projects approved meet the buffer requirements of subpart 4.2.5.4?
Yes

Does the Stormwater Management Program implement alternative buffer widths?
No

Information on EPA's Water Quality Scorecard can be found on the EPA's website.
[Water Quality Scorecard Information](#)

The scorecard can be found on EPA's website.
[Water Quality Scorecard](#)

Scorecard
| NONE PROVIDED
Comment
| NONE PROVIDED

Number of all new development and redevelopment projects reviewed.
47

Number of new development and redevelopment projects reviewed in accordance with the established policy and procedure.
47

Number of sites verified that 100% of SCMs are installed per design specifications in accordance with approved plan.
17

Were all SCMs verified to be installed per design specifications in accordance with approved plan within 90 days of installation?
Yes

Does the permittee have adequate legal authority as required by 4.2.5.7 for all SCMs installed?

Yes

Number of SCMs that have not been properly operated or maintained.

41

Have enforcement actions been taken in accordance with the appropriate legal authority or ERP?

Yes

Number of public requests for SCM inventory.

0

Are all SCMs in the inventory tracking system?

Yes

Do all SCMs in the inventory tracking system have complete information?

No

SCM inventory tracking system information

NONE PROVIDED

Comment

NONE PROVIDED

MCM 6: Pollution Prevention/Good Housekeeping For Municipal Operations

Number of Municipal Operations Facilities under subpart 4.2.6.2.

6

Do all Municipal Operations Facilities have a O&M Facility Plan?

Yes

Number Municipal Operations Facilities NOT inspected in accordance with the Stormwater Management Program in the previous 12 months.

0

Stormwater Management Program Modification

Have any municipal facilities covered under this permit been added during the reporting term?

No

In the table below identify if any changes were made to your Stormwater Management Program during the reporting period.

For minor modifications that add, but neither subtract nor replace, components, controls, or requirements to the Stormwater Management Program provide a description of that modification. - See Subpart 4.4.1.1.a

For minor modifications that replace an ineffective or infeasible BMP, or SCM which is specifically identified in the Stormwater Management Program provide a description of the analysis of why the former BMP was ineffective or infeasible; Expectations on the effectiveness of the replacement BMP or SCM; and an analysis, if applicable, of why the replacement BMP or SCM will ensure the optimization of equipment use. a description of that modification. - See Subpart 4.4.1.1.e

For major modifications that subtract BMPs, SCMs, components, controls, or requirements of the Stormwater Management Program provide a description of the analysis of why the component was ineffective or infeasible; and detailed explanation of why, with the elimination of this component, the Stormwater Management Program will continue to achieve a reduction in pollutants to the MEP and shall not cause or contribute to violations of State water quality standards in the receiving stream. - See Subpart 4.4.1.2.a.

Where any changes were made to the program elements during the reporting period?

| Program Elements | Changes | Modifications that Add Components | Replaced an Ineffective or Infeasible BMP or SCM | Subtracted BMP, SCM, Components, Controls etc. |
|------------------|---------|-----------------------------------|--|--|
| MCM 1 | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |
| MCM 2 | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |
| MCM 3 | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |
| MCM 4 | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |
| MCM 5 | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |
| MCM 6 | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |
| QLP | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |
| Enforcement | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |

| Program Elements | Changes | Modifications that Add Components | Replaced an Ineffective or Infeasible BMP or SCM | Subtracted BMP, SCM, Components, Controls etc. |
|---------------------------------|---------|-----------------------------------|--|--|
| Monitoring & Program Evaluation | No | NONE PROVIDED | NONE PROVIDED | NONE PROVIDED |

Other Program Changes not Identified above
NONE PROVIDED

Summary Of Enforcement Actions

Note: Non-traditional MS4s may not have legal authority to enforce one or more MS4 permit requirements. For example, a university campus regulated as a MS4 permittee or co-permittee may not have the legal authority to enforce MS4 permit requirements against another entity.

Summary of Enforcement Actions Taken during the reporting year

| Action | IDDE | Construction | Permanent Stormwater/Post-Construction | Total |
|---|------|--------------|--|---------|
| Verbal Warnings | 1 | 3 | 1 | 5 |
| Written Notice of Violation | 1 | 5 | 40 | 46 |
| Citations or Administrative Orders | 0 | 0 | 0 | 0 |
| Stop Work Orders | 0 | 0 | 0 | 0 |
| Withholding of Plan Approvals or Other Authorizations | 0 | 0 | 0 | 0 |
| Civil Penalties | 0 | 0 | 0 | 0 |
| Additional Measures | 0 | 0 | 0 | 0 |
| | | | | Sum: 51 |

Results Of Information Collected And Analyzed (Monitoring)

Was monitoring for the reporting year performed in accordance with either 4.6.1.1.1 (Option 1) or 4.6.1.1.2 (Option 2)?

Yes

Provide a summary describing the results of information collected and analyzed, including monitoring data (analytical and non-analytical), if any, during the reporting period. If no monitoring was completed, explain.

Only a Visual Stream Assessment of Clark Branch has been done. The other 6 streams due for VSAs (every 5 years) will be done before the end of 2023.

For your convenience, links to the required standard templates for reporting the results of your monitoring data are provided below. EDD Sheets (Field Stream Survey and Habitat Sheets, Macroinvertebrate Taxa Report, and the TDEC E. coli and Field Water Parameter Report) are in the section labelled Water Quality Assessment Publications as excel files.

[Publications](#)

Attach results of all analytical and non-analytical monitoring data collected during this reporting period.

[CLARK REPORT.pdf - 08/14/2023 11:32 AM](#)

[outfalls.pdf - 08/14/2023 11:33 AM](#)

[buffer.pdf - 08/14/2023 11:33 AM](#)

[dumping.pdf - 08/14/2023 11:33 AM](#)

[erosion.pdf - 08/14/2023 11:33 AM](#)

[barrier.pdf - 08/14/2023 11:33 AM](#)

Comment

Attached is report and field sheets for Clark Branch Visual Stream Assessment

Legal Authority

Per subpart 4.7.1. The initial solicitor's statement will be required in the 2024 annual report for existing permittees and in the third annual report for new permittees.

If modifications are made to the legal authority that necessitate a new evaluation by a solicitor, a new certification statement must be submitted.

Attach a signed solicitor's certification statement.

NONE PROVIDED

Comment

NONE PROVIDED

Stormwater Management Program Evaluation

Stormwater Management Program Evaluation

In accordance with subpart 4.6.2. The permittee shall conduct an annual evaluation of the Stormwater Management Program to evaluate compliance with the terms and conditions of the permit, including the effectiveness of the BMPs, components, or controls of its stormwater management program, and the status of achieving the measurable requirements in the permit.

Summarize the results of the permittee's annual evaluation of the current Stormwater Management Program.

Compliant

Identify modifications or replacement of an ineffective activity/control measure/component/BMP.

None

Summarize the assessment results, and any modifications and improvements scheduled to be implemented in the next reporting period to improve the program or remedy deficiencies or weaknesses

PIE plan currently being modified for new MS4 permit

Is MCM 1: Public Education and Outreach on Stormwater Impacts compliant with Permit Requirements?

Yes

Is MCM 2: Public Involvement/Participation compliant with Permit Requirements?

Yes

Is MCM 3: Illicit Discharge Detection and Elimination (IDDE) compliant with Permit Requirements?

Yes

Is MCM 4: Construction Site Stormwater Runoff Control compliant with Permit Requirements?

Yes

Is MCM 5: Post-Construction/Permanent Stormwater Management in New Development and Redevelopment compliant with Permit Requirements?

Yes

Is MCM 6: Pollution Prevention/Good Housekeeping compliant with Permit Requirements?

Yes

Is Monitoring Program (subpart 4.6.1.1) compliant with Permit Requirements?

Yes

The following questions are from subpart 5.2 Annual Report Requirements.

Is the permittee compliant with the permit terms and conditions?

Yes

This determination should be made as to the status of the program at the end of the reporting period and the requirements applicable at that date. For example, the permanent stormwater program changes are not required to be implemented until 24 months after the effective date of the permit. So if the MS4 has not yet implemented those changes at the first annual report, they would still be in compliance, if their program meets the previously established requirements.

Please Explain

NONE PROVIDED

Is the permittee relying on another governmental entity to satisfy some of the permit obligations?

No

Enter additional or clarifying information not elsewhere reported in this document.

NONE PROVIDED

Any other data specifically requested by the Division to substantiate statements and conclusions reached in the Annual Reports.

[Stormwater Annual Report.pdf - 08/21/2023 12:44 PM](#)

Comment

NONE PROVIDED

Attachments

| Date | Attachment Name | Context | User |
|--------------------|------------------------------|------------|-----------------|
| 8/21/2023 12:44 PM | Stormwater Annual Report.pdf | Attachment | AMANDA MCMULLEN |
| 8/14/2023 11:33 AM | outfalls.pdf | Attachment | AMANDA MCMULLEN |
| 8/14/2023 11:33 AM | buffer.pdf | Attachment | AMANDA MCMULLEN |
| 8/14/2023 11:33 AM | dumping.pdf | Attachment | AMANDA MCMULLEN |
| 8/14/2023 11:33 AM | erosion.pdf | Attachment | AMANDA MCMULLEN |

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| 8/14/2023 11:33 AM | barrier.pdf | Attachment | AMANDA MCMULLEN |
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