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Division of Environment
Curtis State Office Building
1000 SW Jackson St., Suite 400
Topeka, KS 66612-1367

Phone: 785-296-1535
Fax: 785-559-4264
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Lee A. Norman, M.D., Secretary

Laura Kelly, Governor

November 25, 2019

RECEIVED

DEC 02 2019

South Central District

Haysville, City of
Tony Martinez
PO Box 404
Haysville, KS 67060

RE: Kansas Water Pollution Control
Permit No. M-AR43-SU01
Haysville Municipal Separate Storm Sewer System

Dear Permittee:

You have fulfilled all the filing requirements for a Kansas Water Pollution Control Permit and Authorization to Discharge under the National Pollutant Discharge Elimination System (NPDES). We are pleased to forward your new permit. While it is permissible to make as many copies as needed for monitoring and reporting purposes, you need to retain the original permit for your files.

We suggest you carefully read the terms and conditions of your permit and understand these terms and conditions are enforceable under both State and Federal law.

Please note the reporting paragraph on page 2 of your permit. If required, all discharge monitoring reports are to be processed by the eDMR software program. If KDHE has not contacted you concerning the use of the eDMR software program, please contact Debbie Mendenhall at 785.296.5561 or Deborah.Mendenhall@ks.gov. If this requirement applies to your facility, please share this permit with your certified operator and laboratory.

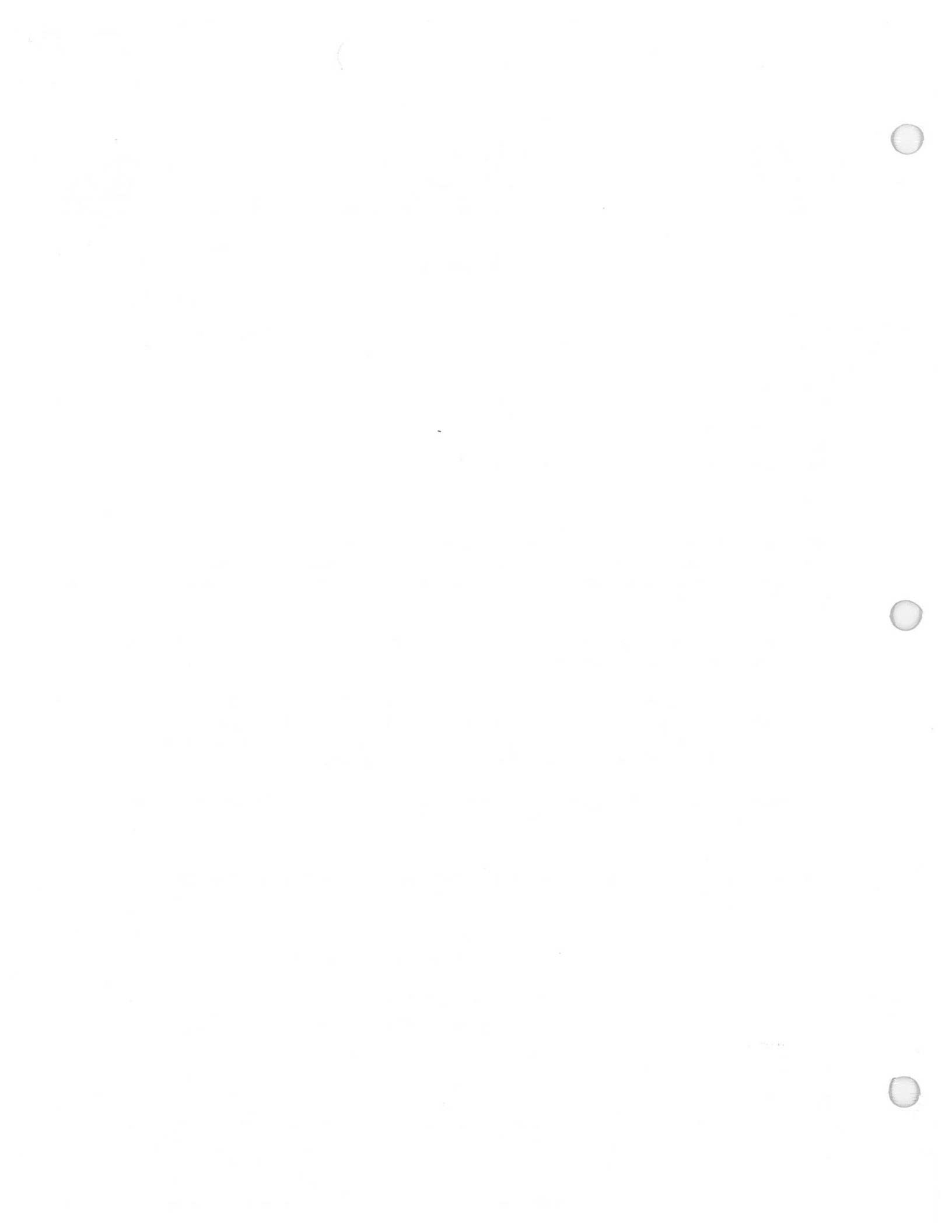
Any additional reports shall be submitted to the Kansas Department of Health and Environment, Bureau of Water-TSS, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.

If you have any questions concerning this permit, contact Michael Beezhold at (785) 296-5513.

Sincerely,
Thomas C Stiles

Thomas C Stiles
Director, Bureau of Water

cc: ~~SC - District~~
RW- Permit File



KANSAS WATER POLLUTION CONTROL
MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT
AND AUTHORIZATION TO DISCHARGE UNDER
THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Pursuant to the provisions of Kansas Statutes Annotated 65-164 and 65-165, the Federal Water Pollution Control Act as amended, 33 U.S.C. 1251 et seq., the "Act",

Permittee: Haysville, City of

Permittee's Address: P.O. Box 404
Haysville, KS 67060

Drainage Basin: Lower Arkansas River

County: Sedgwick

is hereby authorized to discharge stormwater from the municipal separate storm sewer system (MS4) as described herein in accordance with the limitations, conditions and requirements set forth in this permit.

This permit is effective December 1, 2019, supersedes the previously issued MS4 general permit M-AR43-SU01 and expires November 30, 2024.

PERMIT AREA AND AUTHORIZED DISCHARGES

This permit covers all areas within the permittee's MS4 jurisdiction which are also located in the urbanized area as defined by the 2010 U.S. Census (the Permit Area). The Permit Area may change based upon areas incorporated into or removed from the permittee's jurisdictional area during the term of this permit.

This permit authorizes the discharge of all existing or new stormwater point source discharges from the Municipal Separate Storm Sewer System (MS4) located within the Permit Area. New stormwater discharges are those which are created and/or incorporated into the permittee's MS4 during the term of this permit.



Secretary, Kansas Department of Health and Environment

November 27, 2019
Date

PART I. STORMWATER MANAGEMENT PROGRAM (SMP) DOCUMENT REQUIREMENTS

A. Current Stormwater Management Program

The permittee shall continue to implement and enforce the current Stormwater Management Program (SMP), as documented in the SMP document, until an updated SMP is implemented. Revised or modified surface water monitoring may be implemented in 2019 as allowed and if so required by this permit.

Any updated SMP shall be designed to:

1. Reduce the discharge of pollutants from the municipal separate storm sewer system (MS4) to the Maximum Extent Practicable (MEP),
2. Continue to implement the six minimum control measures as listed in PART I Section C,
3. Satisfy the requirements of this permit, the Clean Water Act and Kansas surface water quality statutes and regulations.

Implementation of Best Management Practices (BMPs) consistent with the provisions of the SMP document and this permit constitutes compliance with the standard of reducing pollutants to the Maximum Extent Practicable.

B. Updated Stormwater Management Program document

The SMP shall be updated and submitted to KDHE between January 1 and February 28 of 2021 (submitted with the Annual Report and the updated SMP must be effective in 2021). As this permit imposes additional requirements for implementation of BMPs and/or surface water monitoring [see PART II. Total Maximum Daily Load (TMDL) Best Management Practices and Surface Water Monitoring] beyond what the previous permit imposed, the current SMP shall be modified with the SMP document updated to include the additional requirements imposed by this permit. Some specific requirements for updating the SMP document are addressed in PART I Section D. "Total Maximum Daily Load (TMDL) Regulated Pollutants." Additionally, to comply with new EPA regulations [National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System General Permit Remand Rule (Remand Rule)], as finalized and effective January 9, 2017, this permit must include requirements in clear, specific, and measurable terms. Tables of BMPs are listed along with point values, and the permittee must implement sufficient listed BMPs to achieve minimum point requirements for each year beginning in 2021. The Remand Rule was published on December 9, 2016 in the Federal Register, Vol. 81, No. 237 beginning on page 89320.

This rule clarifies that terms and conditions must be expressed in terms which are "clear, specific, and measurable." The permit requirements must be enforceable and must provide a set of performance expectations and schedules readily understood by the permittee, the public, and the permitting authority alike. To provide as much flexibility to the permittee in implementing their stormwater management program in compliance with this permit and the Remand Rule, KDHE has elected to establish a point system and a list of various BMPs, tasks, or other conditions with associated point values to be tallied and demonstrate compliance with the total point requirement for each of the Six Minimum Control Measures and TMDL BMPs when required.

Modification of the SMP is permitted as the need arises. Modifications can be accomplished with any of the following methods:

1. Normally the SMP document is updated near the end of the calendar year and submitted to KDHE for review along with the annual report which is due after the first of the calendar year but before the 28th of February. In this case the permittee can begin implementation of the new SMP as soon as they have submitted the SMP to KDHE. The permittee is required to implement the SMP, which was most recently submitted to KDHE along with the annual report, throughout the entire year and may continue to implement the updated SMP until subsequently modified. The updated SMP as submitted must be approved by KDHE. If KDHE finds the SMP is not approvable, requirements for modification and resubmittal will be addressed to the permittee.
2. If it becomes necessary to modify the SMP at some time other than when the annual report is submitted to KDHE, the permittee may make the modifications to the SMP document and submit the SMP document to KDHE for approval. The permittee shall not begin implementation of the modified SMP until after KDHE has provided approval. KDHE may provide full approval of the modified SMP, or may provide conditional approval, may require revision of the modified SMP document and resubmission for subsequent review or may elect to not approve the modified SMP.
3. KDHE may require the permittee modify the SMP at any time, requirements for modification and resubmittal will be addressed to the permittee

C. Six Minimum Control Measures

The Permittee shall continue to review, update and implement BMPs with measurable goals for each of the six minimum control measures. The six minimum control measures and requirements are as follows:

1. Public Education and Outreach

The permittee shall continue to implement a public education program which includes distribution of educational materials to the community or conducting equivalent outreach activities which address the impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

- a. The implementation of BMPs for this minimum control measure must result in accumulation of a minimum of 4 points total on an annual basis for each calendar year 2021 and 2022. The point total requirement increases to 7 points for each calendar year beginning in 2023. The following table lists various BMPs, measurable goals, and the required timing-period or implementation-schedule to qualify for the points in the year.

In cases where the permittee is already implementing a BMP which qualifies for points, they may continue implementation of the BMP and earn the listed points as allowed for the first year of implementation under this permit as well as subsequent years.

Multiple BMPs involve holding public hearings or public forums; a single public hearing or forum can be held which addresses multiple topics and points claimed for all of the multiple BMPs implemented.

In addition to implementing a Public Education and Outreach program as required above, the permittee must implement sufficient listed BMPs in the table below to qualify for the required number of points.

BMP Summary	Measurable Goal	Implementation Time Schedule etc.	Points
<p>Lbmp P Ed & O - 01</p> <p>Maintain a stormwater webpage for the permittee.</p>	<p>Maintain the webpage with up to date information with all links effective and valid information. Check all links and update website as necessary on a minimum monthly basis. Document monthly checks in log book and indicate changes with logged summaries.</p>	<p>The webpage must be available throughout the year once it is posted and initially made available. In the initial year posted it must be available for a minimum of 3 months to qualify for the points. In subsequent calendar years the points may be claimed if the webpage has been maintained throughout the twelve months.</p>	<p>3 points may be claimed in the first year implemented, and 2 points may be claimed for each successive year the webpage is maintained available.</p>
<p>Lbmp P Ed & O - 02</p> <p>Distribute educational materials (either flyers, brochures, catalog mailings, handouts, or e-mails) addressing various pertinent stormwater public education topics.</p>	<p>Number of all flyers, brochures, catalog mailings, handouts, or e-mails distributed in a year shall equal or exceed the most recent U.S. Census Bureau decennial housing units value for the permit area. The applicable U.S. Census housing units value shall be documented, and the number of flyers, brochures, or e-mails distributed shall also be documented. This information and copies of the flyers, brochures, or e-mails shall be retained on file.</p>	<p>Either flyers, brochures, catalog mailings, handouts, or e-mails are to be distributed in at least two separate batches, ideally in separate seasons (either winter, spring, summer or fall). However, the required number of flyers, brochures, or e-mails must be distributed in a single calendar year and the points can be claimed for that year.</p>	<p>2 points may be claimed in a year in which the required number of flyers, brochures, catalog mailings, handouts, or e-mails are distributed.</p>
<p>Lbmp P Ed & O - 03</p> <p>Provide either training or educational materials to permittee identified businesses at high risk of contributing to stormwater pollution.</p>	<p>Training or educational materials must be provided, within the year, to at least five separate businesses</p>	<p>The required amount of training or distribution of educational materials must occur within the</p>	<p>2 points may be claimed in any year in which the required amount of training or distribution of educational</p>

<p>Such businesses can include, but are not limited to, food service, auto service, disaster response and janitorial services. The training or educational materials shall address best management practices they can employ to minimize or avoid adverse stormwater impacts due to their operations.</p>	<p>if the population of the municipality is greater than 10,000, or three businesses if the population of the municipality is between 3,000 and 9,999, or two separate businesses if the population of the municipality is less than 3,000.</p> <p>There is no requirement to provide training to business in separate business categories, although it is allowed.</p>	<p>year for which points are claimed.</p>	<p>material occurs.</p>
<p>Lbmp P Ed & O - 04</p> <p>Apply notification, placard, covers/hatches with message, or stencil, on stormwater inlets to provide a message similar to "No Dumping - Drains to River"</p>	<p>Apply this notification on at least 10% of all known stormwater inlets in the MS4.</p>	<p>The required number of placards, covers/hatches with message, or stencils must be placed within the year for which points are claimed. Alternately, points may be claimed in any subsequent year when an additional 5% of all known stormwater inlets in the MS4 bear the placard, covers/hatches with message, or stencil.</p>	<p>2 points may be claimed in years when the required number of inlets (10%) receive placards, covers/hatches with message, or stencils or in subsequent years when an additional 5% of all known stormwater inlets in the MS4 bear the placard, covers/hatches with message, or stencil.</p>
<p>Lbmp P Ed & O - 05</p> <p>Post the municipality's MS4 permit and SMP document on either the stormwater web page or the municipal webpage.</p>	<p>The two documents must be posted for at least six months of the year to claim one point.</p>	<p>Months for which the posting occurs must be within the year for which points are claimed. No "carryover" of months from one year to the next.</p>	<p>1 point may be claimed for posting each year (minimum of at least six months).</p>
<p>Lbmp P Ed & O - 06</p> <p>Provide either a stormwater telephone hotline or web based or</p>	<p>Respond to all reported complaints within 10 days and,</p>	<p>The hotline/reporting system must be</p>	<p>2 points may be claimed for each year the hotline / reporting system is</p>

<p>text message method for public reporting of illicit discharges.</p>	<p>if found valid, resolve or establish a schedule for resolution within 20 days. Actual resolution may take more than 20 days, but the schedule for resolution must be finalized and the efforts to implement resolution must begin within 20 days following receipt of complaint. Document complaints and response/resolution process for all complaints received in the year.</p> <p>Resolution of an illicit discharge can include, but is not limited to; elimination of the discharge; on-site treatment to allow discharge to the MS4 (normally requires an NPDES permit); redirecting the discharge to a location that the discharge is not considered illicit, i.e., sanitary sewer or to holding tanks to allow the waste to be hauled off for appropriate treatment, reuse/recycle or disposal.</p>	<p>available to the public for at least six months in the year to claim the points.</p>	<p>maintained and available. An additional point may be claimed for each illicit discharge resolved in the year up to a limit of 2 additional points per year. One point allowed per illicit discharge resolved.</p>
<p>Libmp P Ed & O - 07</p> <p>Provide educational material annually to at least four groups, including each of the following types: Residents, Businesses/Institutions, Commercial entities/Developers, and Industrial facilities. The educational material may be provided as any of the following:</p>	<p>Identify and educate at least 4 groups/entities from the listed types annually developing topics that are group specific and address activities and or pollutants of concern.</p>	<p>All the requirements for sending educational material to the various groups must occur in a single year to qualify for the points in that year.</p>	<p>3 points may be claimed each year this BMP is implemented in compliance with the specified requirements.</p>

<ul style="list-style-type: none"> ➤ Brochures ➤ Flyers ➤ E-mails ➤ Press release 			
<p>Lbmp P Ed & O - 08</p> <p>Provide stormwater education for students at a school campus within K-12 (those grades present at the campus) within the permittee's jurisdiction or within 30 miles from this permit area. The training may be limited to the individual campus (local school buildings associated with a single address). This training does not need to be provided to the entire school system, e.g., USD.</p> <p>Alternately, funding stormwater BMP installations and/or field trips at the school campus will qualify.</p>	<p>Provide or fund an educator or speaker that will reach at least 5% of the K-12 students as normally attend school in the selected school campus.</p> <p>Alternately, the funding of BMPs at the school campus may provide for any of the following:</p> <ul style="list-style-type: none"> ➤ Installation of BMPs at the school ➤ stormwater related field trips ➤ water quality stream sampling activities ➤ construction of rain gardens on school property ➤ rain barrel workshops ➤ rain garden workshops 	<p>All of the required students (5% minimum) in K-12 at the selected campus must be educated in a single year to qualify for the points in that year.</p> <p>Alternately, stormwater BMPs may be funded at a school campus where students may participate in installation or observe operation of the BMPs. Any of the items listed under measurable goals qualify.</p>	<p>3 points may be claimed each year this BMP is implemented in compliance with the specified requirements (provide education and/or fund stormwater BMP installations at the school campus).</p>
<p>Lbmp P Ed & O - 09</p> <ol style="list-style-type: none"> 1. Operate an information booth at a large public event, (such as a sports event, fair, or music festival) where at least an estimated 1,000 or more individuals attend. 2. Alternately, operate an information booth 	<p>Provide information about stormwater topics of current interest.</p>	<p>All events shall have the booth staffed by the permittee for at least 50% of the days the event occurs.</p>	<p>2 points may be claimed each year this BMP is implemented in compliance with the specified requirements for alternative 1. (1,000 or more attendees) or alternative 2. (3,000 attendees).</p>

<p>at multiple public events, (such as a sports event, fair, or music festival) where a cumulative estimated total of 3,000 or more individuals attend.</p> <p>3. And finally, a single point can be claimed for operating an information both at a public event where at least an estimated 200 or more individuals attend.</p>			<p>Finally, 1 point may be claimed each year this BMP is implemented in compliance with the specified requirements for alternative 3(200 attendees).</p>
<p>Lbmp P Ed & O - 10</p> <p>Provide either training or educational materials to lawn/turf care service entities addressing best management practices they can employ to minimize or avoid adverse stormwater impacts due to their operations.</p>	<p>Training or educational materials must be provided, within the year, to at least five lawn/turf care service entities or at least 20% of the lawn care service entities located in the municipality whichever is least.</p>	<p>The required amount of training or distribution of educational materials must occur within the year for which points are claimed.</p>	<p>2 points may be claimed in any year in which the required amount of training or distribution of educational material occurs.</p>
<p>Lbmp P Ed & O - 11</p> <p>Adopt a public education program to reduce littering.</p>	<p>Install and/or maintain signs to discourage littering. Signs are to be located in areas where littering has been a problem.</p>	<p>Credit can be claimed for any year in which signs are installed and in place for greater than six months or in cases where signs have previously been installed in any year where the signs remain posted for the full year.</p>	<p>1 point may be claimed for the year when signs are posted for six months or more, or 1 point may be claimed in subsequent years where the signs remain posted throughout the year.</p>
<p>Lbmp P Ed & O - 12</p> <p>Create a stormwater information brochure to provide to the public at</p>	<p>Have multiple copies of the brochure available during at least 10 meetings or</p>	<p>The brochures shall address stormwater topics of concern.</p>	<p>1 point may be claimed in any year the brochures are made available to the public at meetings</p>

<p>public meetings and/or hearings</p>	<p>hearings open to the public during the year. Provide the brochures to the public at no charge.</p>		<p>and/or hearings as required.</p>
<p>Lbmp P Ed & O - 13</p> <p>Operate an adopt a highway program to utilize public volunteers to clean road right-of-way.</p>	<p>The volunteers shall clean at least a two-mile segment of road either within the permit area or adjacent to the permit area. Alternately multiple spots (such as roadways, parks, and waterways) which are cleaned and equate to or exceed a two-mile road clean-up can qualify for a point.</p>	<p>The road right-of-way shall be cleaned at least once per year. Points may be claimed for any year in which cleaning has occurred.</p>	<p>1 point may be claimed in any year a two-mile road segment is cleaned or alternately multiple spots are cleaned which equate to or exceed a two-mile road clean-up.</p>
<p>Lbmp P Ed & O - 14</p> <p>Hold a media campaign addressing various pertinent stormwater public education topics.</p>	<p>Estimated media exposure during prime-time broadcasting for the duration of the campaign shall be 10 times the most recent U.S. Census Bureau decennial population value for the permit area. The date, time, and estimated media exposure for each spot broadcast shall be documented and kept on file along with the applicable U.S. Census population value.</p>	<p>The media campaign shall be run within the year for which points are claimed. A new media campaign shall be run for each year points are claimed.</p>	<p>2 points may be claimed in a year in which the media campaign meeting the minimum exposure rate is conducted.</p>
<p>Lbmp P Ed & O - 15</p> <p>Develop or participate in an ongoing social media program on pertinent stormwater public education topics.</p>	<p>Publish or share social media content on the permittee's social media accounts at least six times per year. Record post topic, the number of impressions and engagement for each post. Include link to permittee's</p>	<p>The required number of social media posts must occur within the year for which the posts are claimed.</p>	<p>2 points can be claimed in a year which the required number of content is shared.</p>

	stormwater education website.		
Lbmp P Ed & O - 16			
Operate an information booth at a public event or hold a public event which is intended to improve public understanding of issues related to water quality. The event may be associated with any environmental related issue including but not limited to an environmental expo, earth day, world wetlands day, international day of action for rivers, world fish migration day, world biodiversity day, world oceans day, world cleanup day, world water monitoring day, world rivers day, and America recycles day.	At least an estimated 800 or more individuals must attend the event.	The booth must be staffed at least 50% of the time the event is open to the public.	2 points may be claimed each year this BMP is implemented in compliance with the specified requirements. Municipal staff from multiple permittees may staff the both and claim points, for their municipality, for this BMP if their staff meet the 50% of the time staffing requirement.
Lbmp P Ed & O - 17			
Operate an adopt a street program to utilize public volunteers to clean street right-of-way.	The volunteers shall clean at least a two-mile segment of street, either a single street or multiple streets, either within the permit area or adjacent to the permit area.	The street right-of-way shall be cleaned at least once per year. Points may be claimed for any year in which cleaning has occurred.	1 point may be claimed in any year at least two miles of street right-of-way is cleaned by volunteers.

- b. Documentation of compliance with the goal and implementation time - schedule must be maintained on file to claim the associated points. Permittee is responsible for implementing adequate BMPs to comply with the Public Education and Outreach requirements of this permit and be able to claim at least the required number of points in the calendar years as specified above. Extent of compliance, i.e., equal or exceed the required annual point total or failure to reach the required annual point total, must be reported in the Annual Report.
- c. The permittee is not limited to implementation of the BMPs listed in the above table. Several other BMPs may be implemented, however, only implementation of the BMPs listed in the table may be documented and counted toward the required annual point total.

2. Public Involvement/Participation

The permittee shall continue to implement a public involvement and participation program to solicit public comments and recommendations regarding the BMPs and measurable goals utilized by the permittee to comply with the permit. The permittee shall comply with State and local public notice requirements when implementing a public involvement and participation program.

- a. The implementation of BMPs for this minimum control measure must result in accumulation of a minimum of 3 points total on an annual basis for each calendar year 2021 and 2022. The point total requirement increases to 6 points for each calendar year beginning in 2023. The following table lists various BMPs, measurable goals, and the required timing-period or implementation-schedule to qualify for the points in the year.

In cases where the permittee is already implementing a BMP which qualifies for points, they may continue implementation of the BMP and earn the listed points as allowed for the first year of implementation under this permit as well as subsequent years.

Multiple BMPs involve holding public hearings or public forums; a single public hearing or public forums can be held which addresses multiple topics and points claimed for all of the multiple BMPs implemented.

In addition to implementing a Public Involvement/Participation program as required above, the permittee must implement sufficient listed BMPs in the table below to qualify for the required number of points.

BMP Summary	Measurable Goal	Implementation Time Schedule etc.	Points
<p>Libmp P I/P - 01</p> <p>Hold a public hearing or public forum to notify the public about stormwater program activities and to solicit public comments regarding stormwater issues.</p>	<p>Provide public notice of the hearing/forum, invite local news media, either newspaper, radio or TV, and document the hearing with attendance sign-in sheet and minutes of the hearing which include public comments and responses.</p>	<p>Retain copies of the notices to public, invitations to attend, attendance sign-in sheets, and minutes. Points may be claimed in year which hearing is held.</p>	<p>2 points may be claimed each year this BMP is implemented in compliance with the specified requirements.</p>
<p>Libmp P I/P - 02</p> <p>Establish a citizens advisory committee.</p>	<p>Host the citizens advisory committee meetings twice yearly and receive comments and guidance from the committee regarding the SMP. Retain on file copies of the attendance list and minutes of the meetings.</p>	<p>The citizens advisory committee must hold at least two meetings in the year which points are claimed.</p>	<p>3 points may be claimed each year this BMP is implemented in compliance with the specified requirements.</p>

<p>Lbmp P I/P - 03</p> <p>Hold park or stream bank clean-up events for public volunteers to aid municipal staff in removing trash, debris, or pollutant sources from the selected clean-up area.</p>	<p>Clean an area which must be equal to or greater than one acre or alternately at least 200 yards of streambank.</p> <p>Alternately, for municipalities with less than 500 population clean an area which must be equal to or greater than a quarter of an acre or alternately at least 100 feet of streambank.</p>	<p>At least one such clean-up activity must occur in the year for which points are claimed.</p>	<p>3 points may be claimed each year this BMP is implemented in compliance with the specified requirements.</p>
<p>Lbmp P I/P - 04</p> <p>Train either citizen watch groups, homeowner associations (HOAs), or public service groups to recognize illicit discharge activities and communicate observations to appropriate municipal staff.</p>	<p>Provide training or distribute training materials to the group participants at least once annually.</p>	<p>At least one such training activity or distribution of training materials must be provided to the group in the year for which points are claimed.</p>	<p>2 points may be claimed each year this BMP is implemented in compliance with the specified requirements.</p>
<p>Lbmp P I/P - 05</p> <p>Provide at least two events for residents to engage in cleanup activities and improve water quality in the municipality.</p>	<p>Provide at least two events in streams, streamside parks, areas adjacent to public waterways, and/or other green infrastructure/water resources. These events can be any of the following: Environmental restoration events, stream cleanups, tree plantings, or stream monitoring.</p>	<p>At least two events in compliance with the stated goals must be conducted within the year for which points are claimed.</p>	<p>3 points may be claimed each year this BMP is implemented in compliance with the specified requirements.</p>
<p>Lbmp P I/P - 06</p> <p>Establish a program to encourage residents to install stormwater</p>	<p>Encouragement can include funding, grants, and other</p>	<p>One or more of the listed methods of encouragement must</p>	<p>2 points may be claimed each year this BMP is implemented in compliance</p>

<p>treatment best management practices on their property.</p>	<p>financial incentives, trainings and or giveaways. Stormwater treatment BMPs can include: rain barrels, rain gardens, native plantings, native trees, cisterns and vegetated swales. Record participation numbers annually.</p>	<p>be implemented in the year for which points are claimed.</p>	<p>with the specified requirements, with the addition of 1 additional point (for a total of 3 points in the year) each year that participation increases 10% from the previous year.</p>
<p>Lbmp P I/P - 07</p> <p>Enact either an ordinance, a resolution, or other enforceable requirement that requires pet owners or their keepers to immediately and properly dispose of their pet's solid waste deposited at parks or rest areas owned by the permittee.</p>	<p>The ordinance or resolution or other enforceable measure shall be enacted, and signs posted informing the public of their obligation at the park. The installation of a pet waste bag dispenser in the public area qualifies as adequate signage.</p>	<p>In the year the Measurable Goal requirement is implemented the point may be claimed and for each year thereafter.</p>	<p>1 point may be claimed for the year in which the Measurable Goal requirements are enacted, and 1 points may be claimed for each subsequent year the Measurable Goal requirements remain in effect.</p>
<p>Lbmp P I/P - 08</p> <p>Provide a monetary donation to a scholarship fund for students pursuing a degree in an environmental program which would qualify them to work in a field which can result in water pollution control.</p>	<p>A \$500 contribution in a year is the minimum acceptable amount to achieve this goal.</p>	<p>The donation must be made in the year the points are claimed.</p>	<p>2 points may be claimed each year this BMP goal is achieved.</p>
<p>Lbmp P I/P - 09</p> <p>Distribute stormwater educational materials to the public within this permit area.</p> <p>Alternately, the permittee may provide</p>	<p>The educational materials, for each topic, which are distributed or supplied must have a value of at least \$50. Topics may be anything related to</p>	<p>For educational materials distributed or provided to nearby municipalities each year points may be claimed</p>	<p>1 point may be claimed per topic addressed in compliance with the requirements, up to a total of 5 points/topics.</p>

<p>stormwater educational materials, e.g. brochures, flyers, or pamphlets. These materials may address various stormwater topics. For this alternative these materials may be provided to other nearby municipalities for distribution to the public. The nearby municipalities must be within 30 miles from this permit area.</p>	<p>stormwater including but not limited to clean-up guidance following flooding, discouraging littering, explaining and discouraging illicit discharges to the storm sewers, guidance on constructed BMPs for home owners (rain gardens, rain barrels, etc.) guidance on area household hazardous waste receiving centers, and guidance on area recycling programs.</p>	<p>when materials are provided with equal or greater value as required for each separate topic.</p>	
<p>Lbmp P I/P - 10</p> <p>Establish a program to employ (either paid or unpaid) high school or college age environmental interns in an environmental related program including but not limited to either the wastewater utility, stormwater utility, potable water utility or solid waste utility.</p>	<p>The intern must receive the same environmental related training a new full-time employee would receive, within the first six months of the full-time employee's employment, during their internship.</p>	<p>The internship must last at least 8 weeks in the year when points are claimed.</p>	<p>2 points may be claimed each year this BMP goal is achieved per intern.</p>

- b. Documentation of compliance with the goal and implementation time - schedule must be maintained on file to claim the associated points. Permittee is responsible for implementing adequate BMPs to comply with the Public Involvement/Participation requirements of this permit and be able to claim at least the required number of points in the calendar years as specified above. Extent of compliance, i.e., equal or exceed the required annual point total or failure to reach the required annual point total, must be reported in the Annual Report.
- c. The permittee is not limited to implementation of the BMPs listed in the above table. Several other BMPs may be implemented, however, only implementation of the BMPs listed in the table may be documented and counted toward the required annual point total.

3. Illicit Discharge Detection and Elimination

The permittee shall:

- a. Continue to implement and enforce a program to detect and eliminate illicit discharges into the MS4.
- b. Maintain a storm sewer system map of the permittee's MS4, showing the location of all outfalls, either pipes or open channel drainage, showing the names and location of all streams or lakes receiving discharges from those outfalls. A copy of the map shall be submitted to KDHE with the annual report if requested by KDHE. This map may be submitted as a PDF file(s) on a compact disk (CD) or a digital versatile disk (DVD).
- c. Implement and enforce an ordinance, a resolution, or other enforceable requirement, if the permittee has the authority to do so, to prohibit non-stormwater discharges into the storm sewer system and implement appropriate enforcement procedures and actions. A copy of the ordinance or resolution shall be submitted to KDHE with the annual report if requested by KDHE.
- d. Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.
- e. Develop and implement a plan to detect/inspect for and address prohibited non-stormwater discharges, including illegal dumping, to the storm sewer system. The plan must include efforts to identify and evaluate dry weather MS4 discharges to detect and eliminate any associated illicit discharge. Unless identified by either the permittee or KDHE as a significant source of pollutants to waters of the state, several types of non-stormwater flow are not normally prohibited from entering the Municipal Separate Storm Sewer System:

Discharges which are not necessarily prohibited include:

- I. Water line flushing
- II. Diverted stream flows
- III. Rising ground waters
- IV. Uncontaminated groundwater infiltration as defined under 40 CFR 35.2005(20) to separate storm sewers
- V. Uncontaminated pumped groundwater
- VI. Contaminated groundwater if authorized by KDHE and approved by the municipality
- VII. Discharges from potable water sources
- VIII. Foundation drains
- IX. Air conditioning condensation
- X. Irrigation waters
- XI. Springs
- XII. Water from crawl space pumps

- XIII. Footing drains
 - XIV. Lawn watering
 - XV. Individual residential car washing
 - XVI. Occasional not-for-profit car wash activities
 - XVII. Flows from riparian habitats and wetlands
 - XVIII. Dechlorinated swimming pool discharges excluding filter backwash
 - XIX. Street wash water (excluding street sweepings which have been removed from the street)
 - XX. Discharges or flows from firefighting activities
 - XXI. Heat pump discharge waters (residential only)
 - XXII. Treated wastewater meeting requirements of an NPDES permit
 - XXIII. Sump pump drains
 - XXIV. Other discharges determined not to be a significant source of pollutants to waters of the state, a public health hazard or a nuisance.
- f. The implementation of BMPs for this minimum control measure must result in accumulation of a minimum of 5 points total on an annual basis for calendar years 2021 and 2022. The point total requirement increases to 7 points for each calendar year beginning in 2023. The following table lists various BMPs, measurable goals, and the required timing-period or implementation-schedule to qualify for the points in the year.

In cases where the permittee is already implementing a BMP which qualifies for points, they may continue implementation of the BMP and earn the listed points as allowed for the first year of implementation under this permit as well as subsequent years.

Multiple BMPs involve holding public hearings or public forums; a single public hearing or public forums can be held which addresses multiple topics and points claimed for all of the multiple BMPs implemented.

In addition to implementing an Illicit Discharge Detection and Elimination program as required above, the permittee must implement sufficient listed BMPs in the table below to qualify for the required number of points.

BMP Summary	Measurable Goal	Implementation Time Schedule	Points
<p>Lbmp I D D & E - 01</p> <p>Hold a public hearing or public forum to educate the public about illicit discharges and alternate acceptable methods of disposal or reuse of substances and/or materials.</p>	<p>Provide public notice of the hearing/forum, invite local news media (either newspaper, radio or TV), and document the hearing with attendance sign-in sheet and minutes of the hearing which include questions/comments from the attendees and answers/comments from the permittee staff.</p>	<p>Retain copies of the notices to public, invitations to attend, attendance sign-in sheets, and minutes. Hearing must be held in year for which points are claimed.</p>	<p>2 points may be claimed for any year a hearing/forum is held.</p>
<p>Lbmp I D D & E - 02</p> <p>Implement a program to abandon failed or failing residential or commercial on-site wastewater treatment facilities. These on-site wastewater treatment systems such as septic tank - lateral systems or lagoon systems are then connected to the municipal wastewater collection system for treatment of wastewater at the municipal wastewater treatment plant.</p> <p>Alternately, upgrade or replace the failed system to restore performance.</p>	<p>Redirect the wastewater generated by the facility to the municipal wastewater treatment collection system for proper treatment and disposal.</p> <p>Alternately, upgrade or replace the failed system with improvements which meet or exceed the present code or local requirements.</p>	<p>For each failed or failing on-site system which is abandoned, and the wastewater is redirected to the municipal wastewater treatment system, the permittee may claim points in the year the system is initially connected into the municipal wastewater treatment system.</p> <p>Alternately, for systems which are upgraded or replaced to restore adequate performance a lower number of points may be claimed in the year the upgrade or replacement is completed.</p>	<p>3 points may be claimed for each abandoned system in the year it is abandoned, alternately for systems which are upgraded or replaced as per the requirements a total of 2 points may be claimed in the year upgrade or replacement is completed.</p>
<p>Lbmp I D D & E - 03</p> <p>Develop a spill response plan and, if appropriate, coordinate emergency</p>	<p>The plan shall include, at a minimum, explanation of appropriate spill</p>	<p>The plan may be implemented in any year and points claimed for the</p>	<p>3 points may be claimed in the year initially implemented, and</p>

<p>response with other agencies or organizations.</p>	<p>response activities for spills associated with vehicle accidents, at grade or above ground storage tanks, and vehicle fluids from mechanical equipment such as construction equipment, cars, or trucks. The written plan shall be maintained on file.</p>	<p>initial implementation or for each year the plan remains effective.</p>	<p>2 points may be claimed for each successive year the plan remains effective.</p>
<p>Libmp I D D & E - 04</p> <p>Implement a program to evaluate MS4 outfalls to identify illicit discharges. Inspect at least 5% of the known MS4 outfalls during a calendar year and evaluate the ones which have dry weather discharges. Evaluate the water quality of the dry weather discharges to recognize non-stormwater contributions and trace the source of any illicit discharge.</p>	<p>When at least 5% of the known MS4 outfalls are inspected and for which at least one outfall was identified as discharging (entirely or partially) flow from an illicit discharge, the allotted points may be claimed in the year when the illicit discharge is eliminated. Document the MS4 outfalls inspected, the outfalls with dry weather discharges and the MS4 outfalls associated with illicit discharges.</p>	<p>The evaluation of a group of at least 5% of the known MS4 outfalls may be completed all in one year or may occur in up to two consecutive years and a point can be claimed. The larger number of points may be claimed only for the year in which the illicit discharge(s), associated with this group of evaluated outfalls is/are eliminated.</p>	<p>1 point may be claimed in the year when a total of at least 5% of the known MS4 outfalls are finally inspected, and 2 additional points may be claimed in which the illicit discharge(s), associated with this group of evaluated outfalls is/are eliminated.</p>
<p>Libmp I D D & E - 05</p> <p>Distribute a letter (or flier) and/or e-mail along with a press release from a municipal official with the intent of reaching every resident and business in the MS4 permit area. The distributed documents shall provide information on how to avoid illicit discharges to the MS4, i.e., proper disposal methods for common substances or materials often discharged illicitly. Provide a link to the</p>	<p>The letter (or flier) and/or e-mail along with the press release shall highlight the requirements for proper disposal of wastes and disposal methods. Copies of these documents shall be retained on file along with the distribution/ mailing lists to document distribution to the target area (minimum MS4 permit area) to avoid illicit discharges to the MS4. Provide a link to the municipal website</p>	<p>The distribution of these various documents, letter (or flier) and/or e-mail along with the press release, shall all occur in the same month. Permittee may claim these points in the year these documents are distributed.</p>	<p>2 points</p>

<p>municipal website where applicable ordinances and disposal guidance are posted.</p>	<p>where applicable ordinances and disposal guidance are posted.</p>		
<p>Lbmp I D D & E - 06</p> <p>Inspect, by televising pipelines or direct visualization of open channel drainage, 2% of the MS4 system within the permit area all conducted within a 12-month period to aid in identifying illicit discharges as well as evaluate the condition of the storm sewer lines/drainage channels-ditches. If in a 12-month period 10% of the MS4 system is inspected a higher point value may be claimed.</p>	<p>Generate a summary report of the inspection including the number of linear feet televised, number of linear feet visually inspected, condition comments, illicit discharges identified and the results of efforts to eliminate illicit discharges, e.g., discharge line disconnected and redirected to the sanitary sewer or discharge practice terminated.</p>	<p>The inspection process can occur in a single calendar year or may be conducted over a period extending from one year into the succeeding year. Points may be claimed in the year when the televised and/or visual inspection of this portion of the MS4 system (either 2% or 10%) is completed.</p>	<p>3 points may be claimed for inspection of 2% of the MS4 system, alternately if 10% of the MS4 system is inspected 5 points may be claimed.</p>
<p>Lbmp I D D & E - 07</p> <p>Implement a Household Hazardous Waste Collection Program (HHWCP) or document others have implemented such a program to provide such service to all property owners or residents located within the permit area.</p>	<p>Document the residents and property owners within the MS4 permit area were able to dispose of such wastes at the HHWCP during a calendar year. Retain this documentation on file.</p>	<p>The property owners or residents located within the permit area must be able to dispose of waste accepted by the HHWCP throughout a calendar year. Points may be claimed for any such year.</p>	<p>3 points may be claimed for any year in which this BMP was implemented in compliance with the requirements.</p>
<p>Lbmp I D D & E - 08</p> <p>Implement a program to increase the reliability of sanitary sewer pump stations above the minimum standard design requirements.</p>	<p>A pump station shall be upgraded to include the following: > A dedicated on-site standby generator shall be installed (with automatic transfer switch) for use</p>	<p>In the year all improvements, as listed under measurable goals, are installed and ready for operation the points may be initially claimed and in subsequent years these improvements remain</p>	<p>5 points may be claimed (for each pump station upgraded in compliance with this BMP) in the first year the improvements, as listed under measurable</p>

	<p>when main line power fails.</p> <ul style="list-style-type: none">➤ A dialer system, or telemetry system, or connection to a SCADA system shall be installed to provide real time or nearly real time notification of failures at the pump station which can potentially lead to sanitary sewer overflow.➤ The permittee shall purchase and maintain for immediate operation a trailer mounted motor driven sewage pump for use when the pump station fails to operate. The motor driven pump shall be sized to pump at a rate at least equal to the firm pumping capacity of any sanitary sewer pump station the permittee claims points for under this BMP. <p>The pump station shall be modified to facilitate the connection of the trailer mounted pump discharge to the force main and convenient</p>	<p>operational points may be claimed.</p>	<p>goals, are installed and ready for operation, 4 points may be claimed for (for each pump station upgraded in compliance with this BMP) each successive year the improvements, as listed under measurable goals, remain operational.</p>
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	<p>installation of the suction line from the trailer mounted pump into the wet well.</p>		
<p>Lbmp I D D & E - 09</p> <p>Provide a contribution to area recycle programs or programs (such as household hazardous waste disposal facilities, e-cycle facilities, paper shred facilities, pharmaceutical disposal facilities etc.) designed to properly dispose of types of waste or materials which have previously been discarded to or adjacent to either the MS4, streams, or lakes within or adjacent to the permittee's permit area. The area program must be within 30 miles from this permit area.</p>	<p>The contributions may be made to programs which take tires, automotive fluids, batteries, or other wastes for which there is any documentation such wastes have been discarded as addressed under the BMP summary. The contributions must total a minimum of \$500 in the year (\$100 in the year for alternative lower population municipalities) which points are claimed. The contributions can be monetary or can be in the form of goods and/or services with an agreed specified value. Contributions may be made to area household hazardous waste programs, private recycle/reuse facilities or civic/volunteer organizations assisting in recycle.</p>	<p>The total value of donation (either in-kind work, materials, supplies or cash) in a minimum amount of \$500 must be made in the year points are claimed.</p> <p>Alternatively, for municipalities with less than 500 population the total value of donation in a minimum amount of \$100 must be made in the year points are claimed.</p>	<p>2 points may be claimed each year this BMP goal is achieved.</p>
<p>Lbmp I D D & E - 10</p> <p>Inspect, 5% of the MS4 system Stormwater inlets and/or outfalls within the permit area all conducted within a 12-month period to aid in identifying illicit discharges. If in a 12-month period 15% of the MS4 system inlets and/or outfalls are inspected a higher point value may be</p>	<p>Generate a summary report of the inspection including the number of inlets and/or outfalls visually inspected, condition comments, illicit discharges identified and the results of efforts to eliminate illicit discharges, e.g., discharge line disconnected and</p>	<p>The inspection process can occur in a single calendar year or may be conducted over a period extending from one year into the succeeding year. Points may be claimed in the year when the televised and/or visual inspection of this</p>	<p>3 points may be claimed for inspection of 2% of the MS4 system in the year the required percentage of inlets and/or outfalls are finally inspected, alternately if 15% of the MS4 system is</p>

<p>claimed in the year the required percentage of inspections are completed.</p>	<p>redirected to the sanitary sewer or discharge practice terminated.</p>	<p>portion of the MS4 system (either 2% or 15%) is completed.</p>	<p>inspected 5 points may be claimed.</p>
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- g. Documentation of compliance with the goal and implementation time - schedule must be maintained on file to claim the associated points. Permittee is responsible for implementing adequate BMPs to comply with the Illicit Discharge Detection and Elimination requirements of this permit and be able to claim at least the required number of points in the calendar years as specified above. Extent of compliance, i.e., equal or exceed the required annual point total or failure to reach the required annual point total, must be reported in the Annual Report.
- h. The permittee is not limited to implementation of the BMPs listed in the above table. Several other BMPs may be implemented, however, only implementation of the BMPs listed in the table may be documented and counted toward the required annual point total.

4. Construction Site Stormwater Runoff Control

The permittee shall continue to maintain a program to reduce pollutants in any stormwater runoff to the MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of pollutant discharge associated with stormwater from construction activity disturbing less than one acre must be included in the program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. The program must include, at a minimum, all the following:

- a. Maintain and enforce an ordinance, a resolution, or other enforceable requirement, if the permittee has the authority to do so, to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under State and local law. A copy of the ordinance or resolution shall be submitted to KDHE with the annual report if requested by KDHE.
- b. Maintain requirements for construction site owners or operators to implement appropriate erosion and sediment control best management practices.
- c. Maintain requirements for construction site owners or operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that are likely to cause adverse impacts to water quality.
- d. Maintain procedures for site plan review which incorporate consideration of potential water quality impacts.
- e. Maintain procedures for receipt and consideration of information submitted by the public.
- f. Maintain procedures for site inspection and enforcement of control measures.
- g. The implementation of BMPs for this minimum control measure must result in accumulation of a minimum of 4 points total on an annual basis for each calendar year 2021 and 2022. The point total requirement increases to 6 points for each calendar year beginning in 2023. The following table lists various BMPs, measurable goals, and the required timing-period or implementation-schedule to qualify for the points in the year.

In cases where the permittee is already implementing a BMP which qualifies for points, they may continue implementation of the BMP and earn the listed points as allowed for the first year of implementation under this permit as well as subsequent years.

Multiple BMPs involve holding public hearings; a single public hearing can be held which addresses multiple topics and points claimed for all of the multiple BMPs implemented.

In addition to implementing a Construction Site Stormwater Runoff Control program as required above, the permittee must implement sufficient listed BMPs in the table below to qualify for the required number of points.

BMP Summary	Measurable Goal	Implementation Time Schedule etc.	Points
<p>Lbmp C S S R C - 01</p> <p>Implement a requirement for a Soil Erosion and Sediment Control (SESC) Plan for any land Disturbance sites which are either equal to or greater than 1 acre or for which there is construction activity disturbing less than one acre which is part of a larger common plan of development or sale that in total disturbs one acre or more.</p>	<p>Enact a regulatory ordinance, or other enforceable measure that requires an SESC Plan for all developments disturbing sites which are either equal to or greater than 1 acre or for which there is construction activity disturbing less than one acre which is part of a larger common plan of development or sale that in total disturbs one acre or more.</p>	<p>Points may be claimed in the year the ordinance/enforceable requirement first becomes effective, and for each full calendar year thereafter for which the ordinance/enforceable requirement remains effective.</p>	<p>3 points may be claimed in the year the ordinance initially becomes effective, and 2 points may be claimed for each successive year thereafter for which the ordinance remains effective.</p>
<p>Lbmp C S S R C - 02</p> <p>Develop and adopt a design manual for erosion and sediment control BMPs which are required to be used on sites which will be disturbed and are either equal to or greater than 1 acre or for which there is construction activity disturbing less than one acre which is part of a larger common plan of development or sale that in total disturbs one acre or more.</p>	<p>Require implementation of BMPs in compliance with the design manual on all sites which meet the disturbed area standard as specified in the BMP Summary.</p>	<p>Points may be claimed for the year which the manual is initially adopted and implemented, and a reduced number of points may be claimed for subsequent years in which the manual remains implemented.</p>	<p>3 points may be claimed in the year the manual is initially implemented, and 2 points may be claimed for each successive year the manual remains effective.</p>

<p>Lbmp C S S R C - 03</p> <p>Provide access to at least one training class for contractors, developers or others involved with land disturbance projects which provides training on requirements for a Stormwater Pollution Prevention Plan (SWP2 Plan) and implementation of appropriate BMPs.</p>	<p>This training class must address all local requirements for a SWP2 Plan, requirements for implementation of BMPs and address the requirements for permits.</p>	<p>Points may be claimed for the year in which the training class is held.</p>	<p>3 points</p>
<p>Lbmp C S S R C - 04</p> <p>Develop a site plan review process which considers potential water quality impacts which may occur during construction as well as post construction impacts.</p>	<p>Review process must have written guidance for the reviewer. Issuance of a building permit or approval to start construction may not be provided until the site plan has successfully passed the review process either based on the initial site plan submittal or has been modified to comply with requirements identified during the review process. Measures must be included to enforce the installation of water quality BMPs included in the site plan.</p>	<p>Points may be claimed in the year the review process is initially developed and implemented. Also points may be claimed in each subsequent year the review process continues to be implemented.</p>	<p>3 points may be claimed in the year the review process is initially developed and implemented, 2 points may be claimed for each successive year the review process continues to be implemented.</p>
<p>Lbmp C S S R C - 05</p> <p>Establish effective requirements for construction sites to control wastes. Develop through ordinance or other enforceable means requirements for construction site Operators or owners to control wastes. At a minimum control shall be imposed to prevent entry into the MS4 for the following wastes:</p>	<p>Enact ordinance or other effective means to achieve control of wastes at construction sites.</p>	<p>Points may be claimed in the year of enactment. Also points may be claimed in each subsequent year the method of effective control of construction site waste remains in effect.</p>	<p>3 points may be claimed in the year of enactment, 2 points may be claimed for each successive year the method of effective control of construction site waste remains in effect.</p>

<ul style="list-style-type: none"> ➤ discarded building materials ➤ concrete ➤ Truck washout ➤ chemicals, ➤ litter, and ➤ sanitary waste 			
<p>Lbmp C S S R C - 06</p> <p>Develop written procedures for inspection of construction sites. Develop a Stormwater Construction Site Inspection Guide for use by municipal inspectors.</p>	<p>The procedures document must address the administrative aspects associated with required inspections of construction sites, the issuance of inspection reports, notices of violations, and enforcement actions. The Inspection Guide must provide inspectors guidance on how to conduct a construction site stormwater inspection, the required procedures, and guidance on acceptable conditions of various BMPs employed on such sites, enforcement actions and/or reference of cases for enforcement by other municipal staff, guidance on photo log of the inspection and inspection checklists for use by the inspector.</p>	<p>Development of the written procedures and the Inspection Guide can occur in any year. Initial implementation can allow points to be claimed in that year and continued implementation can allow points to be claimed in subsequent years.</p>	<p>3 points may be claimed in the year of initial development, 2 points may be claimed for each successive year the written procedures and inspection guide continue to be utilized.</p>
<p>Lbmp C S S R C - 07</p> <p>Acquire or develop a software tracking system to track inspections and related tasks.</p>	<p>The tracking system must allow for scheduling inspections and follow-up activities such as re-inspections, mailing notices or reports, etc.</p>	<p>A point can be claimed in the initial year the software tracking system is implemented and each year thereafter it is utilized.</p>	<p>1 point may be claimed for any year the software is initially utilized, and 1 point may be claimed for each successive year the software is utilized.</p>

- h. Documentation of compliance with the goal and implementation time - schedule must be maintained on file to claim the associated points. Permittee is responsible for implementing adequate BMPs to comply with the Construction Site Stormwater Runoff Control requirements of this permit and be able to claim at least the required number of points in the calendar years as specified above. Extent of compliance, i.e., equal or exceed the required annual point total or failure to reach the required annual point total, must be reported in the Annual Report.
 - i. The permittee is not limited to implementation of the BMPs listed in the above table. Several other BMPs may be implemented, however, only implementation of the BMPs listed in the table may be documented and counted toward the required annual point total.
5. Post-Construction Stormwater Management in New Development and Redevelopment Projects

The permittee shall continue to maintain a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into the MS4. The program must include, at a minimum, all the following:

- a. Maintain a requirement for BMPs to prevent or minimize adverse water quality impacts.
- b. Maintain strategies which include a combination of structural and/or non-structural BMPs appropriate for the municipality.
- c. Maintain and enforce an ordinance or resolution, if the permittee has the authority to do so, to address post-construction runoff from new development and redevelopment projects to the extent allowable under State and local law.
- d. Ensure adequate long-term operation and maintenance of structural BMPs.
- e. The implementation of BMPs for this minimum control measure must result in accumulation of a minimum of 5 points total on an annual basis for each calendar year 2021 and 2022. The point total requirement increases to 7 points for each calendar year beginning in 2023. The following table lists various BMPs, measurable goals, and the required timing-period or implementation-schedule to qualify for the points in the year.

In cases where the permittee is already implementing a BMP which qualifies for points, they may continue implementation of the BMP and earn the listed points as allowed for the first year of implementation under this permit as well as subsequent years.

Multiple BMPs involve holding public hearings; a single public hearing can be held which addresses multiple topics and points claimed for all of the multiple BMPs implemented.

In addition to implementing a Post-Construction Stormwater Management in New Development and Redevelopment Projects program as required above, the permittee must implement sufficient listed BMPs in the table below to qualify for the required number of points.

BMP Summary	Measurable Goal	Implementation Time Schedule etc.	Points
<p>Lbmp P-C S M - 01</p> <p>Develop and adopt a custom design manual for Post-Construction Stormwater Management which specifies various structural BMPs which are required for new development and re-development construction sites which are greater than 1 acre or for which there is construction activity disturbing less than one acre which is part of a larger common plan of development or sale that in total disturbs one acre or more.</p> <p>Alternately, adopt and implement the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual.</p>	<p>The custom design manual shall impose requirements to achieve at least one of the following standards:</p> <ul style="list-style-type: none"> ➤ Capture, at least, the first 0.5 inches of precipitation on the development/re-development site and utilize methods to prevent discharge off-site, including but not limited to: <ul style="list-style-type: none"> • retain on-site • infiltrate • evaporate • transpire or • beneficially reuse ➤ Through implementation of appropriate BMP(s) reduce the peak stormwater flow rate to a value equal to or less than the rate which would be experienced on the site prior to the development/re-development project based upon modeling a standard storm event, e.g. 1.0 inch - 6-hour event assuming saturated soil conditions. 	<p>Development of the design manual can occur in any year. Initial implementation can allow points to be claimed in that year and continued implementation can allow points to be claimed in subsequent years.</p>	<p>4 points may be claimed in the year of initial implementation of a custom design manual - alternately 6 points may be claimed in the year of initial implementation of the APWA 5600 stormwater design criteria and the MARC/APWA BMP Manual, 3 points may be claimed for each successive year compliance with the custom design manual is required/implemented. Alternately 5 points may be claimed in each successive year the implementation of the APWA 5600 stormwater design criteria and the MARC/APWA BMP Manual is required/implemented.</p>

	<p>➤ Other sizing or detention standards generally accepted by design engineers as adequate for the permittee's local.</p> <p>As an alternative to a custom design manual the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual may be adopted and implemented.</p> <p>Measures must be included to enforce the installation of the various structural BMPs required.</p>		
<p>Lbmp P-C S M - 02</p> <p>Develop a list of post-construction structural or non-structural BMPs which are required to be incorporated in any development/re-development project. The list must include guidance regarding the BMPs which must be incorporated in various projects as determined appropriate by the permittee. The list is to be provided to entities involved with the design of projects prior to site plan review by the permittee.</p>	<p>Development and implementation of the list and guidance is necessary to claim points in the first year. The list of required BMPs must be enforceable through ordinance or other means.</p>	<p>Development of the list and guidance can occur in any year. Initial implementation can allow points to be claimed in that year and continued implementation can allow points to be claimed in subsequent years.</p>	<p>3 points may be claimed in the year of initial implementation</p> <p>2 points may be claimed for each successive year the list is maintained and implemented.</p>
<p>Lbmp P-C S M - 03</p> <p>Develop and implement a program to ensure adequate</p>	<p>The program shall be detailed in a written document and made</p>	<p>Development of the program can occur in any year.</p>	<p>3 points may be claimed in the year of initial implementation</p>