



Stormwater Management Plan

Kansas Permit # M-LA23-SU01

Federal Permit # KSR410002

May 2025

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SECTION 1: Introduction to the Document

1.1 Purpose of the Stormwater Management Plan

The City of Bel Aire, Kansas has prepared this Stormwater Management Plan (SMP) to outline the measures it will take to reduce the discharge of pollutants from the Municipal Separate Storm Sewer System (MS4) to the maximum extent practicable (MEP). This plan is to be used by the community as a guide to protect water quality and to satisfy the requirements of the Clean Water Act and the City's National Pollutant Discharge Elimination System (NPDES) Permit.

It is intended that this SMP, and all measures implemented herein, will reduce Total Maximum Daily Load (TMDL) pollutants, and all other pollutants within the MS4 service area. All efforts undertaken in the six minimum control measures listed in this SMP will apply toward reducing TMDL pollutants as well as non-TMDL pollutants.

Changes to this plan may be made as allowed by the Permit and approved by the Kansas Department of Health and Environment (KDHE). This program is implemented within areas of the City's legal jurisdiction, boundaries and on its own properties. This program provides a list of Stormwater Best Management Practices (BMPs) that the City agrees to implement as required by the KDHE NPDES Permit. Each BMP will have goals and measurements to demonstrate compliance with these goals.

Other agencies and organizations may contribute to the implementation of these measures. Each of the contributions made by others, as well as additional City actions, will be documented in the Annual Report and counted towards point goal attainment.

1.2 Current Permit Information

This program has been submitted in compliance with the requirements of the Kansas Water Pollution Control MS4 Permit No. M-LA23-SU01 and Federal Permit No. KSR410002.

Effective Date: May 1, 2025

Expiration Date: December 31, 2029

This program also operates using the legal authority as set forth in City Ordinance Chapter 14, and subsequent revisions.

1.3 Permit Compliance Activities and Schedule

Part I of the MS4 General Permit requires certain activities to be completed within the effective permit period. The compliance schedule requirements are as follows:

- **Year 2025:** Submit the Annual Report for calendar year 2024 to KDHE no later than February 28, 2025. Implement sufficient listed BMPs to achieve the minimum point requirements for each year. Complete the TMDL storm event monitoring of streams.
- **Year 2026:** Submit the Annual Report for calendar year 2025 to KDHE no later than February 28, 2026. Implement sufficient listed BMPs to achieve the minimum point requirements for each year. Complete the TMDL storm event monitoring of streams.
- **Year 2027:** Submit the Annual Report for calendar year 2026 to KDHE no later than February 28, 2027. Implement sufficient listed BMPs to achieve the minimum point requirements for each year. Complete the TMDL storm event monitoring of streams.
- **Year 2028:** Submit the Annual Report for calendar year 2027 to KDHE no later than February 28, 2028. Implement sufficient listed BMPs to achieve the minimum point requirements for each year. Complete the TMDL storm event monitoring of streams.
- **Year 2029:** Submit the Annual Report for calendar year 2028 to KDHE no later than February 28, 2029. Implement sufficient listed BMPs to achieve the minimum point requirements for each year. Complete the TMDL storm event monitoring of streams.

1.4 Parties Responsible for Compliance with the Stormwater Management Plan

Overall responsibility for coordination of activities outlined in this plan, and for reporting, will be by the City of Bel Aire's Director of Public Works and City Engineer.

1.5 Reporting to the KDHE

The KDHE requires that an Annual Report be submitted each calendar year on the 28th of February. The report will cover activities conducted during the prior calendar year and will include the following:

- The status of compliance with permit conditions, an assessment of the appropriateness of the implemented BMPs, progress towards achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practicable (MEP), and the measurable goals with an indication of the progress toward meeting the goals for each of the six minimum control measures.
- Results of information collected and analyzed (i.e., test results, surveys, or public comments/input), during the annual reporting period. This may include monitoring data used to assess the success of best management practices with respect to reduction in pollutant discharge. Include an interpretation of the information which addresses success or failure of the portion of the program for which the information applies.
- For BMPs which are directed at reducing the discharge of TMDL regulated pollutants, the measurable goals of each BMP will be provided with an indication of the progress towards meeting the goals.

- Results of information collected and analyzed, if any, during the annual reporting period, including monitoring data used to assess the success of the program at reducing the TMDL regulated pollutants.
- A summary of the stormwater activities that were scheduled to be undertaken during the previous calendar year and the status of these activities.
- A summary of the stormwater activities which are scheduled to be undertaken during the next calendar year (including an implementation schedule).
- A map showing changes in the permittee's jurisdictional Permit Area if the permit area has changed within the year.
- A description of significant changes in any of the BMPs including those in the SMP implementing the six minimum control measures.
- Any updated ordinances or resolutions associated with the SMP or the six MCMs (minimum control measures).
- A list of other parties (such as other municipalities or consultants) which will be responsible for implementing any of the program areas of the Stormwater Management Plan.

SECTION 2: Six Minimum Control Measures

This section describes the six Minimum Control Measures (MCMs) for water quality protection that are required by all MS4 permits. They include the following:

1. Public Education and Outreach.
2. Public Involvement and Participation.
3. Illicit Discharge Detection and Elimination.
4. Construction Site Stormwater Runoff Control.
5. Post-Construction Stormwater Management in New Development and Redevelopment.
6. Pollution Prevention/Good Housekeeping for Municipal Operations.

For each of these control measures the following is provided in this section:

- A summary description of the control measure.
- A table listing the BMPs, Measurable Goals for each BMP and their Implementation Schedule, and expected points for calendar years 2024, 2025, 2026, 2027, 2028, and 2029.

2.1 Public Education and Outreach:

The City shall continue to implement a public education program which includes the 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.

The implementation of BMPs for this MCM must result in the accumulation of at least 7 points on an annual basis for the calendar years 2025, 2026, 2027, 2028, and 2029.

BMP Summary	Measurable Goal	Implementation Schedule + Responsible Staff	Points				
			2025	2026	2027	2028	2029
01 – Maintain a Stormwater Webpage	Maintain the webpage with up-to-date, valid information with all links effective. Check all links and update website as necessary on a minimum monthly basis. Document monthly checks in logbook and indicate changes with logged summaries.	City of Bel Aire Communications Department.	2	2	2	2	2
02 – Distribute Educational Materials	The number of all flyers, brochures, catalog mailings, handouts, or emails distributed in a year shall be recorded and reported in each Annual Report. Copies of flyers, brochures, or emails	City of Bel Aire Communications Department.	2	2	2	2	2

	shall be retained on file. Flyers, brochures, catalog mailings, handouts, and/or emails are to be distributed in at least <u>two separate batches</u> , ideally in separate seasons.						
03 – Provide either training or educational materials to permittee identified businesses at high risk of contributing to stormwater pollution.	Provide materials to 3-5 businesses within the year.	City of Bel Aire Public Works Department and City Engineer	2	2	2	2	2
04 – Apply notification placard or stencil with message similar to “No Dumping – Drains to River”	Apply this notification on at least 10% (56) of all known stormwater inlets in the MS4.	City of Bel Aire Public Works Department	2	2	2	2	2
05 – Post the Municipality’s MS4 Permit and SMP on Stormwater Webpage	The two documents must be posted for at least six months of the year to claim one point.	City of Bel Aire Communications Department	1	1	1	1	1
06 – Provide a telephone, web-based, or text message method for public reporting of illicit discharges	Respond to all reported complaints within 10 days and, if found valid, resolve, or establish a schedule for resolution within 20 days. Document complaints and response/resolution process for all complaints received in the year. Points may be claimed for each full year the reporting system is maintained and available. One additional point may be claimed for each illicit discharge resolved in the year up to two additional points per year.	City of Bel Aire Communications Department/Code Enforcement	2	2	2	2	2
11 – Adopt a public education	Install and/or maintain signs to discourage littering.	City of Bel Aire Public Works Department	1	1	1	1	1



program to reduce littering.							
15 – Develop or participate in an ongoing social media program to share pertinent stormwater public education topics.	Publish or share social media content on the permittee’s social media accounts at least 6 times per year. Record post topic, the number of impressions and engagements for each post. Include link to permittee’s stormwater education website.		2	2	2	2	2
		Points Required:	7	7	7	7	7
		Points Expected:	14	14	14	14	14

2.2 Public Involvement and Participation:

The City 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 City shall comply with State and local public notice requirements when implementing a public involvement and participation program.

The implementation of BMPs for this MCM must result in the accumulation of at least 6 points on an annual basis for the calendar years 2025, 2026, 2027, 2028, and 2029.

BMP Summary	Measurable Goal	Implementation Schedule + Responsible Staff	Points				
			2025	2026	2027	2028	2029
02 – Establish a Citizens Advisory Committee	Host the citizens advisory committee meetings <u>twice yearly</u> and receive comments and guidance from the committee regarding the SMP. Retain on file copies of the attendance list and meeting minutes.	City of Bel Aire Public Works Department	3	3	3	3	3



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03 – Hold a park or streambank clean-up event for public volunteers to aid municipal staff in removing trash, debris, or pollutant sources from the selected area.	Clean an area which must be equal to or greater than one acre or alternatively at least 200 yards of streambank.	City of Bel Aire Public Works Department	3	3	3	3	3
05 – Provide at least two events for residents to engage in cleanup activities and improve water quality in the municipality.	Provide at least two events in streams, streamside parks, areas adjacent to public waterways, and/or other green infrastructure/water resources. These events must be one of the following: Environmental restoration events, stream cleanups, tree plantings, or stream monitoring.	City of Bel Aire Public Works Department	3	3	3	3	3
07 – Enact either an ordinance, resolution, or other enforceable requirement that requires pet owners to properly dispose of their pet’s solid waste deposited at parks or rest areas owned by the City.	An 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.	City of Bel Aire Public Works Department	1	1	1	1	1
		Points Required:	6	6	6	6	6
		Points Expected:	10	10	10	10	10

2.3 Illicit Discharge Detection and Elimination:

The City shall continue developing, implementing, and enforcing a program to detect and eliminate illicit wastewater discharges or other non-stormwater discharges into the storm sewer system.

The KDHE requires this program to include, at a minimum:

- The development of a storm sewer system map of the permitted MS4 showing the location of all outfalls, either pipes or open channel drainage, and showing the names and locations of all streams or lakes that receive discharges from those outfalls.
- The implementation and enforcement of an ordinance to prohibit non-stormwater discharges into the storm sewer system.
- The implementation of a program to detect and eliminate illicit discharges into the MS4.
- Providing information to public employees, businesses, and the general public of the hazards associated with illegal discharges and the improper disposal of waste.
- The development and implementation of a plan to detect and address prohibited non-stormwater discharges. The plan must include efforts to identify and evaluate dry weather MS4 discharges.

The implementation of BMPs for this MCM must result in the accumulation of at least 7 points in the calendar years of 2025, 2026, 2027, 2028, and 2029.

BMP Summary	Measurable Goal	Implementation Schedule + Responsible Staff	Points				
			2025	2026	2027	2028	2029
04 – Inspect 5% of the known MS4 outfalls during the calendar year to identify illicit discharges.	Document the MS4 outfalls inspected, the outfalls with <u>dry weather discharges</u> , and the MS4 outfalls associated with illicit discharges. One point may be claimed when <u>5%</u> (28) of the known MS4 outfalls are inspected and two additional points may be claimed in which illicit discharge(s) are detected and eliminated.	City of Bel Aire Public Works Department	1	1	1	1	1
06 – Inspect by 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.	Generate a summary report of the inspection including number of linear feet visually inspected, condition comments, illicit discharges identified and the results of efforts to eliminate illicit discharges.	City of Bel Aire Public Works Department	3-5	3-5	3-5	3-5	3-5



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<p>07 – 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 that residents and property owners within the MS4 permit area were able to dispose of such waste at the HHWCP during a calendar year. Retain this documentation on file.</p>	<p>City of Bel Aire Communications Department</p>	<p>3</p>	<p>3</p>	<p>3</p>	<p>3</p>	<p>3</p>
<p>08 – Implement a program to increase the reliability of sanitary sewer pump stations above the minimum standard design requirements.</p>	<p>An upgraded pump station shall include the following: -A dedicated on-site standby generator shall be installed (with automatic transfer switch) for use when main line power fails. -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. -The pump station shall be modified to facilitate the connection of the trailer mounted pump discharge to the force main and convenient installation of the suction line from the trailer mounted pump into the wet well.</p>	<p>City of Bel Aire Public Works Department</p>	<p>4</p>	<p>4</p>	<p>4</p>	<p>4</p>	<p>4</p>



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<p>01 – Require 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 1 acre or more.</p>	<p>Enact a regulatory ordinance, or other enforceable measure that requires an SESC Plan for all developments disturbing sites equal to or greater than 1 acre or for 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>City of Bel Aire Public Works Department</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>
<p>02 – Develop and adopt a <u>design manual for erosion and sediment control</u> BMPs which are required to be used on sites disturbing equal to or greater than 1 acre or for construction activity disturbing less than 1 acre which is part of a larger common plan of development or sale that in total disturbs 1 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>City of Bel Aire Public Works Department</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>
<p>05 – Establish effective requirements for construction sites to control waste. Develop through ordinances or other enforceable means requirements for construction site operators or owners. At a minimum, control shall be imposed to prevent entry into the MS4 for discarded building materials, concrete, truck washout chemicals, litter, and sanitary waste.</p>	<p>Enact ordinance or other effective means to achieve control of waste at construction sites.</p>	<p>City of Bel Aire Public Works Department/Code Enforcement</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>
<p>06 – Develop written procedures for inspection of construction sites. Develop a stormwater</p>	<p>The procedure must address the administrative aspects associated with required inspections of construction</p>	<p>City of Bel Aire Public Works/Building Inspection</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>



construction site guide for use by municipal inspectors.	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.						
07 – Acquire or develop a software tracking system to track inspections and related tasks.	The tracking system must allow for scheduling and follow-up activities such as re-inspections, mailing notices or reports, etc.	City of Bel Aire Public Works/Building Inspection	1	1	1	1	1
		Points Required:	6	6	6	6	6
		Points Expected:	9	9	9	9	9

2.5 Post-Construction Stormwater Management in New Development and Redevelopment Projects:

The City 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 KDHE requires that the program must include, at a minimum, the following:

- BMPs to prevent or minimize adverse water quality impacts.
- Strategies which include a combination of structural and/or non-structural BMPs appropriate for the municipality.
- Ordinances or resolutions to address post-construction runoff from new development and redevelopment projects to the extent allowable under State and local law (if the permittee has the authority to do so).
- Adequate long-term operation and maintenance of structural BMPs.

The implementation of BMPs for this MCM must result in accumulation of at least 7 points in the calendar years of 2025, 2026, 2027, 2028, and 2029.



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BMP Summary	Measurable Goal	Implementation Schedule + Responsible Staff	Points				
			2025	2026	2027	2028	2029
<p>01 – Develop and adopt a custom design manual for post construction stormwater management which specifies various structural BMPs which are required for new development/redevelopment 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>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. Measures must be included to enforce the installation of the various structural BMPs required.</p>	<p>City of Bel Aire Public Works Department /Building Inspection</p>	3	3	3	3	3
<p>02 – Develop a list of post-construction structural or non-structural BMPs which are required to be incorporated in any development/redevelopment project. The list must include guidance regarding the BMPs which must be incorporated by 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>Develop and implement the list and guidance. The list of required BMPs must be enforceable through ordinance or other means.</p>	<p>City of Bel Aire Public Works Department</p>	2	2	2	2	2
<p>03 – Develop and implement a program to ensure adequate long-term cleaning, operation, and maintenance of all municipally owned or operated post-construction structural stormwater BMP facilities. The program shall address several different types of these BMP systems. The systems shall include any type of post-construction structural BMP in the</p>	<p>The program shall be detailed in a written document and made available to all pertinent maintenance staff.</p>	<p>City of Bel Aire Public Works Department</p>	2	2	2	2	2



<p>MS4. These shall include, if so present, at a minimum:</p> <ul style="list-style-type: none"> -Detention Ponds -Retention Ponds -Grass Swales -Pervious Paving Systems -Wetlands -Vegetative Filter Strips -Manufactured Stormwater Treatment Devices (swirl separators, screens, etc.) -Drop Inlet-Catch Basin 							
<p>05 – Develop and implement a program for inspection of permittee owned structural BMPs which includes implementation of needed maintenance to ensure long-term operation of the BMPs.</p>	<p>The program shall require inspection of at least <u>10%</u> of the structural BMPs on an annual basis. Identified maintenance activities shall be completed:</p> <ol style="list-style-type: none"> 1. In the same year of inspection, or 2. Completed as dictated by the permittee’s maintenance/O&M plan, 3. Or a written plan for completion of the necessary maintenance shall be completed in the same year of inspection with the objective for completion of the maintenance activity within 18 months. 	<p>City of Bel Aire Public Works Department</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>
		<p>Points Required:</p>	<p>7</p>	<p>7</p>	<p>7</p>	<p>7</p>	<p>7</p>
		<p>Points Expected:</p>	<p>9</p>	<p>9</p>	<p>9</p>	<p>9</p>	<p>9</p>

2.6 Pollution Prevention/Good Housekeeping for Municipal Operations:

The City shall continue to implement an operation and maintenance program that includes employee training to prevent and reduce stormwater pollution from municipal operations. The program shall include, at a minimum, the following:

- Training for all necessary municipal staff, such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance.
- Maintain a program to ensure proper use and storage of materials at permittee owned facilities that use pesticides, herbicides, and fertilizers.
- Develop, implement, and maintain site-specific storm water pollution prevention plans (SWPPPs) for permittee owned facilities with significant storage of potential stormwater pollutants. This shall include municipal garages, fleet maintenance areas, salt and sand storage areas, park maintenance, and other permittee owned facilities. When a SWPPP is updated, it shall be submitted with the Annual Report.

The implementation of BMPs for this MCM must result in accumulation of at least 6 points in the calendar years of 2025, 2026, 2027, 2028, and 2029.

BMP Summary	Measurable Goal	Implementation Schedule + Responsible Staff	Points				
			2025	2026	2027	2028	2029
02 – Implement a recycling and proper waste disposal program for municipal staff to reduce potential for litter, to recycle waste oil, batteries, glass containers, plastic containers, and paper products.	A log of the materials directed to recycling shall be maintained. Entries in the log shall record either weight or volume of recycled materials removed from the containers and transported to the recycle facility as well as the date of transport.	City of Bel Aire Management	2	2	2	2	2
03 – Develop a guidance document for municipal staff or third-party contractors which apply pesticides. The guidance shall require municipal staff who apply restricted use pesticides to have a commercial applicator certification from the Kansas Department of Agriculture if required by that Department.	Require staff which apply pesticides to use such pesticides in compliance with the guidance document. The guidance document must require use of pesticides in compliance with the label instructions.	City of Bel Aire Public Works Department	1	1	1	1	1

<p>05 – Implement a program for street sweeping in which the street sweepings are collected and disposed of properly or recycled/reused if possible.</p>	<p>All paved streets which can be swept shall be listed in the schedule for street sweeping. A log shall be maintained listing the street segments which are swept and, dates of sweeping and where the street sweepings are disposed or where the material was sent to be recycled and/or reused.</p> <p>Three points may be claimed in the year at least 10% of the listed streets are swept and street sweeping equipment is purchased.</p> <p>Two points may be claimed for each year at least 10% of the listed streets are swept.</p> <p>One point may be claimed in years when street sweeping equipment is purchased for use.</p>	<p>City of Bel Aire Public Works Department</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>
<p>06 – Develop an employee training program to ensure permittee’s staff understand what actions they can take in the workplace to minimize stormwater pollution.</p>	<p>Provide guidance documents in the form of either fact sheets, flyers, or emails to staff to coach them in appropriate actions they can take while working to minimize stormwater pollution.</p> <p>Alternatively, provide in-person training or videos with sign-in sheets for signature documentation of personal or video training. Retain copies of guidance documents and sign-in sheets. A log of when the guidance was distributed, or training</p>	<p>City of Bel Aire Public Works Department</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>



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	was provided should be maintained. Provide appropriate guidance and/or training to staff at a minimum of twice per year.							
07 – Implement a program to inspect Stormwater inlets to identify illicit discharges and clean drop inlets of accumulated debris.	Inspect <u>10%</u> (56) of all inlets are inspected in a year, an additional point may be claimed. For any inlets which have evidence of illicit discharges, follow-up with efforts to educate individuals near the impacted inlet about illicit discharges. For inlets which have any accumulation of debris, remove the debris for proper disposal.	City of Bel Aire Public Works Department	2	2	2	2	2	
08 – Make updated online storm sewer map accessible to the public.	Map shall cover the entire MS4 within the permit area and includes all the MS4 lines both pipe and open drainage (i.e., ditches) and shall also illustrate all impaired waterways (i.e., 303(d) listed and TMDL listed streams/rivers) with an indication of the listed impairment.	City of Bel Aire Public Works Department	2	2	2	2	2	
11 – Install a canopy for load-out of de-icing materials.	The canopy or covered area must be large enough to allow normal load-out and cleanup of spilled de-icing materials, without mixing with precipitation and resulting in contaminated runoff from the site, during and immediately following load out operations.	City of Bel Aire Public Works Department	3	2	2	2	2	
13- Develop a guidance document for municipal staff or third-party contractors	Require staff which apply de-icing materials to use such materials in	City of Bel Aire Public Works Department	1	1	1	1	1	



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<p>01 – Install pet waste stations which include a glove/bag dispenser with signage and waste cans to encourage pet waste disposal at either parks, trails, rest areas or other public lands owned by the permittee.</p>	<p>At least one pet waste station shall be installed at the selected park, trail, rest area, or other public land. The station(s) shall include signage which encourages proper pet waste disposal/cleanup and a waste can.</p>	<p>City of Bel Aire Public Works Department</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>
<p>04- Enact a stream buffer ordinance, resolution, or other enforceable requirement to impose stream buffer standards.</p>	<p>The enactment of stream buffer standards must include enforcement capability.</p>	<p>City of Bel Aire Public Works Department</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>
<p>05 – Develop a pet waste brochure or flyer document to educate the public about animal waste contamination of stormwater. The document encourages pet owners to pick up their pet’s waste. Alternately, post the document on social media or the municipal website.</p>	<p>The brochures or flyers are to be posted in various public buildings and distributed to the public throughout the year. In the year the number of documents 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 documents distributed shall also be documented. This information and copies of the documents shall be retained on file. Documents posted to social media or the website shall have the page copied and printed to retain on file.</p>	<p>City of Bel Aire Communications Department</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>	<p>1</p>
<p>06 – Distribute “Only Rain Down the Drain” door hangers or similar document.</p>	<p>Provide in portions of the permit area with suspected illicit discharges. Recipients of the documents and copies of the documents shall be retained on file.</p>	<p>City of Bel Aire Communications Department</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>	<p>2</p>



07 – Inspect <u>10%</u> (27) of all known MS4 outfalls for dry weather discharges either annually or twice per year to identify potential illicit discharges.	Complete inspections of all known MS4 outfalls either annually or twice per year during dry weather periods. If dry weather discharge is found follow-up with investigation to determine if a portion or all the discharge is illicit. Document the findings and initiate efforts to eliminate any identified illicit discharges.	City of Bel Aire Public Works Department	3	3	3	3	3
09 – Implement a program to collect and properly dispose of litter, on <u>four separate occasions</u> per calendar year, within areas where littering has been identified as a problem. Such areas may include municipal parks, trails, rest areas, or other public lands owned by the permittee.	The four litter collection efforts should, but are not required, to occur seasonally (i.e., winter, spring, summer, and fall). If it is unreasonable to collect litter in any season, the required four collection efforts may occur in either three seasons or in a minimum of two seasons.	City of Bel Aire Public Works Department	2	2	2	2	2
12 – Construct a stream bank stabilization project.	Install a minimum of 100 feet of bank stabilization at a site(s) with a history of erosion.	City of Bel Aire Public Works Department	3	2	2	2	2
		Points Required:	6	6	6	6	6
		Points Expected:	14	13	13	13	13

3.3 Establishing Measurable Goals

The measurable goals for the reduction of the TMDL pollutants will be based on in-stream concentrations. Monitoring of pollutant levels entering and leaving City limits will provide the metric for the successfulness of the BMPs. The TMDL goals include the reduction of the concentration/mass of pollutants in the streams within/across City limits.

3.4 Sampling Location

The following figures shows the sampling locations on the East Chisholm Creek in Bel Aire, Kansas.



3.5 Alternative Stormwater Offsite Pollution Reduction Program

This program allows permittees to implement offsite pollution reduction programs outside of the permit area but within the watershed as an alternate to activities within the permit area. The City is not pursuing the program at this time.

SECTION 4: Monitoring

4.1 Monitoring Requirements:

The permit requires that the City implements a wet weather monitoring program designed to assess the improvements in the water bodies (streams/rivers) due to the implementation of citywide BMPs. The minimum requirements for monitoring are as follows:

1. In-stream sampling of the main streams where they enter and exit City limits
2. Streams to be monitored include the East Chisholm Creek
3. Sampling shall be for the TMDL regulated pollutants Bacteria, Nutrients, and Sediment

4.2 Monitoring Frequency:

At a minimum, four (4) storm events shall be monitored annually for each stream. Each storm event shall be a 24-hr rain or snow melt event greater than or equal to 0.25 inches of precipitation. Samples are to be collected within 4 hours of rising stages on streams. It is recommended the monitoring events occur both in the spring (March 1 thru June 30) and in the summer (July 1 thru October 31). However, it is most important four events be monitored in each calendar year and storm event monitoring can occur in any month.

4.3 Other Permit Requirements:

Other permit requirements, such as sampling methodology and reference data collection, are listed in the MS4 permit and will be included in the monitoring procedures.

SECTION 5: Modifications to BMPs and the Stormwater Management Plan

This SMP will be evaluated annually and modifications to the Plan, if any, will be submitted with the annual report. Minor modifications to BMPs listed in this plan, if needed to meet program objectives, will be made within 60 days as determined by the permittee or written notification by KDHE.

Each updated SMP document shall provide specific information detailed in the MS4 permit.