



City of Newton, Kansas 2025-2029 Storm Water Management Plan

2025-2029 STORM WATER MANAGEMENT PLAN (DRAFT)						
Part I - Stormwater Management Program (SMP) Document Requirements						
C. Six Minimum Control Measures						
1. Public Education and Outreach						
BMP ID	BMP SUMMARY			MEASURABLE GOAL	POINTS	COMMENTS
PE&O -1	Maintain a stormwater webpage for the permittee			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. The webpage must be available throughout the year once it is posted. 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 maybe claimed if the webpage has been maintained throughout the twelve months.	3 points may be claimed in the first year implemented, and 2 points may be claimed for each successive year the webpage is maintained and available.	2
PE&O -2	Distribute educational materials addressing various pertinent stormwater public education topics.			Number of all flyers, brochures, catalog mailings, handouts or e-mails distributed in a year shall be recorded and reported in each annual report. copies of the flyers, brochures, or e-mails shall be retained on file. Flyers, brochures, catalog mailings, handouts, and/or e-mails are to be distributed in at least two separate batches, ideally in separate seasons (either winter, spring, summer or fall)	2 points may be claimed in a year which flyers, brochures, catalog mailings, handouts, or e-mails are distributed.	2
PE&O-4	Apply notification, placard, covers/hatches with message, or stencil, on stormwater inlets to provide a message similar to "No Dumping - Drains to River"			Apply this notification on at least 10% of all known stormwater inlets in the MS4.	2 points may be claimed in years when at least 10% of all known inlets receive placards, cover/hatches with message, or stencils or in subsequent years when an additional 5% of all known stormwater inlets in the MS4 bear this message	2
PE&O-5	Post the municipality's MS4 permit and SMP document on either the stormwater web page or the municipal web page.			The two documents must be posted for at least six months of the year to claim one point.	1 Point may be claimed for posting both documents each year.	1
PE&O-6	Provide either a stormwater telephone hotline or web based text message method for public report 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. 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.	2 Points may be claimed for each full year the hotline / reporting system is 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.	2
				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.		
PE&O-12	Create a stormwater information brochure to provide to the public at public meetings and/or hearings.			Have multiple copies of the brochure available during at least 10 meetings or hearings open to the public during the year. Provide the brochures to the public at no charge.	1 Point may be claimed in any year the brochures are made available to the public at meetings and/or hearings as required.	1
PE&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.	1 point may be claimed in any year at least two miles of street ROW is cleaned by volunteers	1
					Total Points Required	7
					Total Points Planned	11

2. Public Involvement/Participation

BMP ID	BMP SUMMARY			MEASURABLE GOAL		POINTS	COMMENTS	2025-2029
P I/P-3	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.			remove trash from an area which must be equal to or greater than one acre or alternately at least 200 yards of streambank.		3 Points may be claimed each year this BMP is implemented in compliance with the specified requirements.		3
P I/P-8	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.			A \$500 contribution in a year is the minimum acceptable amount to achieve this goal. The donation must be made in the year the points are claimed.		2 Points may be claimed each year this BMP goal is achieved.		2
P I/P-5	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, SWU, potable water utility or solid waste utility.			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. The internship must last at least 8 weeks in the year when points are claimed.		2 Points may be claimed each year this BMP goal is achieved per intern.		2
						Total Points Required		6
						Total Points Planned		7

3. Illicit Discharge Detection and Elimination					
BMP ID	BMP SUMMARY	MEASURABLE GOAL	POINTS	COMMENTS	2025-2029
IDD&E-3	Develop a spill response plan and, if appropriate, coordinate emergency response with other agencies or organizations.	The plan shall include, at a minimum, explanation of appropriate spill 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.	3 Points may be claimed in the year initially implemented. 2points may be claimed for each successive year the plan remains effective.		2
IDD&E-5	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 municipal website where applicable ordinances and disposal guidance are posted.	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/mailling 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 where applicable ordinances and disposal guidance are posted.	2 Points may be claimed within the year these documents are distributed.		2
IDD&E-6	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 maybe claimed.	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 & redirected to the sanitary sewer or discharge practice terminated.	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.		3
IDD&E-10	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 claimed in the year the required percentage of inspections are completed.	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 redirected to the sanitary sewer or discharge practice terminated.	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 inspected 5 points may be claimed.		3
			Total Points Required		7
			Total Points Planned		10

4. Construction Site Stormwater Runoff Control

BMP ID	BMP SUMMARY	MEASURABLE GOAL	POINTS	COMMENTS	2025-2029
CSSRC-1	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 one 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.	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 one 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.	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.		2
CSSRC-2	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 one acre or 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.	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.	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.		2
CSSRC-4	Develop a site plan review process which considers potential water quality impacts which may occur during construction as well as post construction impacts.	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.	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 that review process continues to be implemented.		3
CSSRC-5	Establish effective requirements for construction sites to control wastes. Develop through ordinance 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 the following wastes: discarded building materials, Concrete, Truck washout chemicals, litter, and Sanitary waste	Enact ordinance or other effective means to achieve control of wastes at construction sites.	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 remains in effect.		2
CSSRC-6	Develop written procedures for inspection of construction sites. Develop a Stormwater Construction Site Inspection Guide for use by municipal inspectors.	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.	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.		2
			Total Points Required		6
			Total Points Planned		11

BMP ID	BMP SUMMARY				MEASURABLE GOAL	POINTS	COMMENTS	2025-2029
PCSM-1	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 one 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. Alternately, adopt and implement the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual.				The custom design manual shall impose requirements to achieve at least one of the following standards: *Capture, at least, the first 0.5 inches of precipitation on the development/redevelopment site and utilize methods to prevent discharge off-site, including but not limited to: •retain onsite •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. *Other sizing or detention standards generally accepted by design engineers as adequate for the permittee's local. 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.	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.		3
PCSM-5	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.				The program shall require inspection of at least 10% of the structural BMPs on an annual basis. Identified maintenance activities shall be completed: 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.	3 points may be claimed in the year the program is initially developed and implemented, 2 points may be claimed for each successive year the program continues to be implemented.		3
PCSM-6	Develop and implement a program for inspection of known privately owned structural BMP's which includes providing the owner of the BMP's an inspection report which specifies needed maintenance to ensure long-term operation of the BMP's.				The program shall require inspection of at least 10% of the known privately owned structural BMP's on an annual basis. Identified maintenance activities shall be completed in the same year of inspection 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.	3 points may be claimed in the year the program is initially developed and implemented, 2 points may be claimed for each successive year the program continues to be implemented.		2
PCSM-8	Implement a program to encourage residential owners to install stormwater BMPs, including but not limited to, native trees, native flower gardens, rain gardens, rain barrels, pervious surfaces, and vegetated swales.				A program which results in installation of such BMPs on 1% of the residential parcels in a year will allow two points to be claimed for that year. In a year when installation of such BMPs on 5% of the residential parcels occurs, a larger number of points may be claimed.	2 Points may be claimed in a year BMPs are installed on 1% of the residential parcels, 4 points may be claimed in a year BMPs are installed on 5% of the residential parcels.		2
						Total Points Required		7
						Total Points Planned		10

6. Pollution Prevention/Good Housekeeping for Municipal Operations

BMP ID	BMP SUMMARY	MEASURABLE GOAL	POINTS	COMMENTS	2025-2029
PP/GH-3	Develop a guidance document for municipal staff or third-party contractors which apply pesticides. The guidance shall require any 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.	2 Points may be claimed in the year the guidance document is finalized and implemented, 1 point may be claimed for each successive year the guidance document continues to be implemented.		1
PP/GH-4	Implement a program, with guidance to municipal staff or third-party contractors, to ensure any municipal vehicle or other mechanical equipment washing is conducted in a manner which ensures the wash water is disposed of in the sanitary sewer or otherwise received proper treatment prior to discharge to the environment.	Maintain proper wash facilities for municipal staff to wash vehicles and/or equipment or implement a program which includes guidance to municipal staff to take vehicles and/or equipment to commercial wash facilities, either of which ensures the wash water is conveyed to the sanitary sewer, or otherwise receives proper treatment prior to discharge to the environment, and not discharged untreated to the MS4 or directly to the environment.	2 Points may be claimed in the year the guidance document is finalized and implemented, 1 point may be claimed for each successive year the guidance document continues to be implemented.		1
PP/GH-5	Implement a program for street sweeping in which the street sweepings are collected and disposed of properly or recycled/reused if possible.	All paved streets which can be swept shall be listed in the schedule for street sweeping. A log shall be maintained listing the street segment which are swept and, dates of the sweeping and where the street sweepings are disposed or where the material was sent to be recycled and/or reused.	3 Points may be claimed in the year at least 10% of the listed streets are swept and street sweeping equipment is purchased, 2 points may be claimed for each year at least 10% of the listed streets are swept.		2
PP/GH-6	Develop an employee training program to ensure permittee's staff understand what actions they can take in the workplace to minimize stormwater pollution.	Provide guidance documents in the form of either fact sheets, flyers or e-mails to staff to coach them in appropriate actions they can take while working to minimize stormwater pollution. Alternately, provide in-person training or videos with sign-in-sheets for signature documentation of personal or video training. Retain copies of the guidance documents and/or sign-in-sheets. A log of when the guidance was distributed, or training was provided to staff should be maintained. Provide appropriate guidance and/or training to staff a minimum of twice per year.	In years when guidance documents or training (in-person or video) are provided on at least two separate dates 1 point may be claimed.		1
PP/GH-7	Implement a program to inspect stormwater inlets to identify illicit discharges and clean drop inlets of accumulated debris.	Inspect at least 5% of all inlets annually. Additionally, if 10% of all inlets are inspected in a year an additional point may be claimed. For any inlets which have evidence of dumped paint, oil or other substances which are considered 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.	1 point may be claimed in years when staff inspect at least 5% of all stormwater inlets and remove accumulated debris. 2 points may be claimed in years when staff inspect at least 10% of all stormwater inlets and remove accumulated debris.		2
PP/GH-8	Develop, implement and keep updated an online storm sewer map accessible to the public.	Map shall cover the entire MS4 within the permit area and include 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.	3 Points may be claimed in the first year, 2 points may be claimed for each year thereafter for which the map remains posted.		2
			Total Points Required		6
			Total Points Planned		9

Part II - Total Maximum Daily Load (TMDL) Best Management Practices and Surface Water Monitoring.

A. TMDL BMP Implementation Requirements

BMP ID	BMP SUMMARY			MEASURABLE GOAL		POINTS	COMMENTS	2025-2029
TMDL-3	Install and operate a constructed wetland.			The wetland shall include a water surface area of at least one acre or equivalent submerged surface area for submerged wetlands		3 points may be claimed for the year the wetland is constructed. 2 points may be claimed for each subsequent year the wetland remains in operation.		2
TMDL-4	Enact a stream buffer ordinance, resolution, or other enforceable requirement to impose stream buffer standards.			The enactment of stream buffer standards must include enforcement capability. Consider use of the EPA stream buffer model ordinance or similar such requirement.		3 Points may be claimed for the year in which the ordinance, resolution or other enforceable requirement is enacted, 2 points may be claimed for each subsequent year it remains in effect.		2
TMDL-5	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.			The brochure 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 copies and printed to retain on file.		1 Point may be claimed in the year in which the required number of brochures and/or flyers are distributed, documents posted on social media or the website must be posted for at least six months in the year . Documents posted on social media shall be posted six times within the year points are claimed.		1
TMDL-7	Inspect 10% of all known MS4 outfalls for dry weather discharges either annually or twice per year to identify potential illicit discharges.			Complete inspection of 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.		3 Points may be claimed for annual inspection as required by this BMP, 5 points may be claimed for these inspections completed twice in a year, but they must be seasonal (winter, spring, summer, fall). If an illicit discharge is detected and eliminated. The 2 additional points may be claimed, only once, either in the year detected or in the year the illicit discharge is eliminated.		3
						Total Points Required		6
						Total Points Planned		8